City of Cocoa

65 Stone Street
Cocoa, FL 32922

Meeting Agenda - Final

Wednesday, February 26, 2020

6:00 PM

Cocoa City Council Chambers

City Council

I. OPENING MATTERS:

CALL TO ORDER

INVOCATION

PLEDGE OF ALLEGIANCE

ROLL CALL

II. APPROVAL OF AGENDA AND MINUTES:

AGENDA:

II.1 20-78 Approve the Agenda for the Regular Meeting of February 26, 2020, as presented or with amendments.

Attachments: 02-26-2020 Short Agenda ADA.pdf

MINUTES:

II.2 20-133 Approve the Minutes for the Regular meeting of December 11, 2020, as written or with amendments.

Attachments: 12-11-19 Minutes ADA.pdf
EXHIBIT A- Annexation Ord. 24-2019.pdf
EXHIBIT B-Zoning Text Amendment CWOD presentation.pdf
EXHIBIT C-City Council Dec 2019 Sharing Space.pdf

III. AWARDS AND PRESENTATIONS:

III.1 20-73 Proclamation: "Black History Month". (Mayor Williams)

Attachments: Black History Month Proclamation 001.pdf

III.2 20-74 Proclamation: "2020 Census". (Mayor Williams)

Attachments: US Census.pdf

III.3 20-75 Historic Cocoa Village Main Street Presentation--Short Year in Review. (Emma Kirkpatrick, HCVMS)

III.4 20-76 Recognition of Mr. Robert Boyd, with Time Out Sports Bar and Grill in Cocoa Village. (Mayor Williams)

Attachments: Boyd Letter.pdf

III.5 20-77 Recognition of Mr. Rick Wynn for his participation in the Holiday Parade and presentation of "Santa" plaque from Brevard County Parks and Rec. (Mayor Williams)

Attachments: Wynn Letter 001.pdf

IV. DELEGATIONS:

In accordance with the City Council's rules and procedures, residents or tax-payers of the City (upon any subject of general or public interest), City employees (regarding his/her employment), and water and sewer customers (on matters related to the City's water and/or sewer system), may address the City Council under Delegations on items not on the printed agenda by filling out a speaker card.

Speaker cards are located outside the Council meeting room and should be provided to the City Clerk. Please observe the time limit of five (5) minutes while speaking under Delegations. Delegations shall be limited to thirty (30) minutes unless extended by Council.

V. REPORTS:

VI. CONSENT AGENDA:

VI.1 20-103 Approve a Resolution Amending the FY2020 Budget, BAF#20-026-T, for the Purchase of a 2020 Ford F350 Cab & Chassis utilizing the Sourcewell (Formerly NJPA) Contract #2020-120716. (Public Works Director)

Attachments: 2020 NJPA SOURCEWELL FLORIDA AWARD v2.pdf
2020 NJPA SOURCEWELL FLORIDA CERTIFICATE v2.pdf
2020 NJPA SOURCEWELL FLORIDA COVER PAGE v2.pdf
2020 NJPA SOURCEWELL FLORIDA FORD v2.pdf
NJPA-COCOA, CITY OF-F3G_24469-1_Quote.pdf
Budget Resolution FY 2020 AGENDA 20-103.docx
BAF 20-045-PW-Streets Concrete Crew Truck (02-26-20) Agenda 20-103.pdf

VI.2 20-106 Approve Budget Adjustment 20-038-A, Amending the FY2020 Budget for the Capital Project Fund Riverfront Park/Lee Wenner. (Finance Director)

Attachments: Budget Resolution FY 2020.docx
BAF 20-038-A -FN-Riverfront Park Reversal (2-26-20) Agenda 20-106.pdf

VI.3 20-114 Accept the Brevard County Lucas Chest Compression Grant Revenues and Approve a Resolution Amending the FY2020 Budget, BAF#20-041-A. (Fire Chief)

Attachments: Brevard County EMS Grant Award FY20.pdf
Budget Resolution FY 2020.docx
BAF 20-041-A -FD-Lucas Device Grant (2-26-20) Agenda 20-114.pdf

VI.4 20-116 Approval to apply for a Firehouse Subs Grant, to Purchase Hydraulic Vehicle Extrication Equipment.

Attachments: Firehouse Subs Grant Application.pdf

Firehouse Subs Grant Internal Application.pdf

VI.5 20-127 Approve a Resolution increasing the contingency for the Barbara Jenkins Street relining of various sized pipes from 10% to 15%, for a total project authorization of $122,749.85 and approve City Manager authority to approved related Change Orders.(Public Works Director)

Attachments: COR - PW - 3570 - Granite Inliner - CO#1.pdf

Contingency Resolution Barbara Jenkins Street Relining.docx.doc

VI.6 20-63 Approve Task Order 2020-01 with Jacobs Engineering Group (Jacobs) fka CH2M Hill Engineers, Inc. for Program Management Services for Operating Revenue (OR) Projects, Project No. WS1221; Task Order 2020-03 for Program Management Services for Bond Funded Projects, Project No. WS19BO; and Task Order 2020-04 for Plan Review Services to include Engineering Land Development Review, Project No. WS1221; To Approve a Resolution Amending the FY2020 Budget, BAF#20-043-T. (Utilities Director)

Attachments: Task Order 2020-01 Prog Mgmt Proposal FY 2020 for OR Projects.pdf

T.O. 2020-03 Proposal FY2020 Prog Mgmt Bond Proj.pdf

T.O. 2020-04 - Proposal FY20 Plan Review, Permitt Assist, Utility Support.pdf

Budget Resolution FY 2020 (ADA).docx

BAF 20-043-T -UT-T.O. 2020-01 and 2020-04 (2-26-20) Agenda 20-063.pdf

TO (2020-03) Jacobs $325016 (1-21-20) UT.pdf

TO (2020-01) Jacobs $339431 (1-21-20) UT.pdf

TO (2020-04) Jacobs $178052 (1-21-20) UT.pdf

VI.7 20-81 Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing the City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through September 18, 2020. (Utilities Director)

Attachments: Proposal - City of Cocoa FY2020 Lining Project.pdf

Proposal - City of Cocoa FY2020 Cleaning and Televising Only Project.pdf

City of Daytona Beach Authorization to Utilize Contract #0118-2600.pdf

City of Daytona Beach Insituform Contract Details #0118-2600.pdf

City of Daytona Beach Insituform Contract Pricing #0118-2600.pdf

City of Daytona Beach Insituform Full Contract No. 0118-2600.pdf

VI.8 20-89 Approve Task Order 2020-05 with Jacobs to provide services to the City's personnel on Repair and Maintenance (R&M) projects in the form of additional project management assistance, contractor monitoring and documentation of activities, data management, and quality control assistance for R&M Programs; To Approve a Resolution Amending to FY2020 Budget, BAF#20-034-T. (Utilities Director)

Attachments:
Budget Resolution FY 2020 (Jacobs Task Orders).docx
BAF 20-034-T -UT-WFO Support Engineering Svcs (2-26-20) Agenda 20-089.p
TO (2020-05) JACOBS $160492 (2-26-20) UT.pdf
Jacob Proposal Task Order 2020-05 FY20 WFO Assistance 1_29_20.pdf

VI.9 20-90 Approve Task Order 2020-02 with Jacobs to Assist with Contractor Oversight, Quality Control, Public Relations, and Data Management for the Cross Connection Control Program, Project No. WS13BC; To Approve a Resolution Amending to FY2020 Budget, BAF#20-033-T. (Utilities Director)

Attachments:
Budget Resolution FY 2020 (Jacobs Task Orders).docx
BAF 20-033-T -UT-CCC Program Engineering Svcs (2-26-20) Agenda 20-090.p
TO (2020-02) JACOBS $124902 (2-26-20) UT.pdf
Jacobs Proposal Task Order 2020-02 FY20 CCC Program Assistance_1_16_20

VI.10 20-91 Approve Task Order 2020-11 with Carollo Engineers, Inc. to assist Sewer Field Operations (SFO) in Project and Assessment Information Management Assistance, Quality Control Process Development, Long-Term Strategic Planning, and SCADA Maintenance; To Approve a Resolution Amending the FY2020 Budget, BAF#20-037. (Utilities Director)

Attachments:
Carollo Proposal Task Order 2020-11.pdf
TO (2020-11) CAROLLO $175810.66 (2-26-20) UT.pdf
Budget Resolution FY 2020 (Carollo Task Order).docx
BAF 20-033-T -UT-CCC Program Engineering Svcs (2-26-20) Agenda 20-090.p

VII. PUBLIC HEARINGS:

VII.1 20-61 Ordinance No. 03-2020/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXII, to change the Zoning Map designation of one (1) parcel totaling 246.45 acres from Brevard County GU (General Use) to City of Cocoa RU-1-7 (Single Family Residential). (Community Services Director)

Attachments:
- Ord. 3-2020 Rezoning Virgin Trains GU to RU-1-7.pdf
- Exhibit A - Location Map and Legal Description.pdf
- Concept Plan (320 lots) - Lakes at Canaveral Groves.pdf
- Concept Plan (350 lots).pdf
- Legal Ad Proof (revised).pdf

VII.2 20-84 Pass on Second Reading Ordinance 13-2019: Adopting amendments to the City of Cocoa Comprehensive Plan based on the City's Evaluation and Appraisal Report (EAR) of the Comprehensive Plan pursuant to Section 163.3191, Florida Statutes and authorizing transmittal to the Florida Department of Economic Opportunity. (Community Services Director)

Attachments:
- Ord. 13-2019 - EAR Amendments.pdf
- Exhibit A - EAR Elements (strike-thru w-maps).pdf
- Exhibit A (cont.) - CIP FY2018-2022.pdf
- Data & Analysis - Resilient Cocoa 6-14-19.pdf
- Legal Ad Proof - Comp Plan EAR.pdf

VII.3 20-97 Conduct a Public Hearing to obtain citizen input and comments on housing and community development needs; approve recommendations on FY2020-2021 CDBG and HOME program funding; and provide notice to solicit public comment and notice of final public hearing scheduled for May 13, 2020. (Community Services Director)

Attachments:
- Exhibit A Public Hearing AD 2-6-20.pdf
- Rankings by Committee.xlsx

VIII. COUNCIL BUSINESS:

VIII.1 20-104 Consider the Appointment of Mr. Randal Hiester as the 2nd Alternate Member to the Board of Adjustment. (Administrative Services Director)

Attachments:
- Heister, Randal application.pdf
- Hiester Consideration Letter.pdf
- Board of Adjustment Roster.pdf

VIII.2 20-62 Approve the Code Enforcement Lien for the property located at 315 Belmont Dr. be Reduced to $2,000.00, as recommended by the Code Enforcement Board. (Chief of Police)

Attachments: Application-Tax Roll.pdf
Brevard County Property Appraisers.pdf
Lien Reduction Checklist.docx
Cost Affidavit Form -315belmont.xlsx
Recorded Lien.pdf

VIII.3 20-72 Request to approve a date change for the street closure for the Annual Village Idiot Pub Fun Run from March 27, 2020 to April 3, 2020. (Assistant to the CIty Manager/Public Relations Specialist)

Attachments: Staff Report 2020 Street Closures.pdf

VIII.4 20-79 Consider the Cancellation of the Regular City Council Meeting on December 23, 2020 due to the holidays, and consider the change of November meeting dates due to the holidays and November 3, 2020 election. (Administrative Services Director)

Attachments: 2020 City Holiday Schedule.pdf

VIII.5 20-99 Consider the Appointment of Mr. Todd Anderson as a Regular member of the Planning & Zoning Board and Ms. Aerial Glass as the 2nd Alternate member of the Planning & Zoning Board. (Administrative Services Director)

Attachments: Anderson Application.pdf
Anderson Consideration letter.pdf
Glass Board application.pdf
Glass Consideration letter.pdf
Planning and Zoning Roster.pdf

IX. CITY BUSINESS:

IX.1 20-100 Approve Task Order 2020-07, City of Cocoa America's Water Infrastructure Act (AWIA) Section 2013 Compliance Support, with Jacobs Engineering Group (Jacobs) to Provide Assistance to the City of Cocoa to meet the AWIA Requirements including Project Initiation, Risk and Resiliency Assessment, and Emergency Response Plan Update; To Approve a Resolution Amending the FY2020 Budget, BAF# 20-044-T. (Utilities Director)

Attachments:
- TO (2020-07) Jacobs $188914 (1-30-20) UT - Copy.pdf
- T.O. 2020-07 AWIA Proposal.pdf
- Budget Resolution FY 2020 (ADA).docx
- BAF 20-044-T -UT-Task Order 2020-07 (2-26-20) Agenda 20-100.pdf

IX.2 20-85 Approve the removal of an oak tree in the right-of-way adjacent to 1203 Oxford Drive to be replaced with oak tree(s), equaling the diameter of the tree to be removed, to be planted at Bracco Pond. (Community Services Director)

Attachments:
- 1203 Oxford Dr tree removal letter.pdf
- 1203 Oxford Dr. tree removal.pdf
- 1203 Oxford Dr. Pictures.pdf
- Legal Ad Proof.pdf

IX.3 20-96 Approve a Resolution Amending the FY2020 Budget, reducing the reliance on Fund Balance and reducing the expense budget for project retainage, BAF # 20-029-A1 and A2. (Finance Director)

Attachments:
- Budget Resolution FY 2020.docx
- BAF 20-029-A1 -FN-Retainage Adjustment (2-26-20) Agenda 20-096.pdf
- BAF 20-029-A2 -FN-Retainage Adjustment (2-26-20) Agenda 20-096.pdf
- Retainage Adjustment Analysis.pdf
- EDIT JE 2019-05130 ACCR FY19 RETAINAGE.pdf

IX.4 20-98 Approve Task Order 2020-06 with the Jacobs Engineering Group (Jacobs) to assist the Dyal Water Treatment Plant with Program Management Services, Instrumentation and Control System Support (SCADA), and Design Management and Construction Project Services for Operating Revenue and Capital Improvement Plan Projects; To Approve a Resolution Amending the FY2020 Budget, BAF#20-040-T. (Utilities Director)

Attachments:
- Task Order 2020-06.pdf
- TO (2020-06) JACOBS $168322 (2-11-20) UT.pdf
- Labor Hour Breakdown.pdf
- Exhibit A Group rate schedule.pdf
- Budget Resolution - Jacobs.docx
- BAF 20-040-T-UT-4020-Eng. Services-Jacobs (2-26-20)-Agenda 20-098.pdf

MULTI-YEAR CONTRACTS:

IX.5 20-120 Approve a multi-year agreement with Policy Confluence, Inc. (DBA National Research Center, Inc.) to conduct a community survey; approve a Resolution approving the vendor as a single-source provider; approve a Resolution amending the FY2020 Budget (BAF#20-042-T) and authorize the City Manager to finalize and execute the Enterprise Services Agreement. (City Manager)

Attachments:
- Single Source Resolution.doc
- Sole Source Statement for The NCS.pdf
- NRC-Polco Proposal to Cocoa FL 2020.pdf
- Polco NRC - Enterprise Services Agreement Cocoa, FL 2020.docx
- The NCS Instrument ABC 2020.pdf
- Budget Resolution FY 2020.docx
- BAF 20-042-T -CM-Community Survey (2-26-20) Agenda 1-120.pdf

IX.6 20-80 Approve the Second and Final Amendment to Purchase Agreement with Anderson Diving d/b/a Logan Diving and Salvage, Inc. effective March 5, 2020 through March 4, 2022, under RFQ-14-19-COC Subaqueous Pipeline Assessment. (Utilities Director)

Attachments:
- 2nd AMENDMENT RFQ-14-19-COC Anderson Diviing --SUBAQUEOUS INVES

IX.7 20-86 Approve a Task Order by S&ME to develop a Parks & Open Space Master Plan in the amount of $59,800 based upon a multi-year Professional Services Agreement between the City of Cocoa and S&ME, Inc. executed on March 13, 2019. (Community Services Director)

Attachments: Parks and Open Space Master Plan Proposal.pdf
Agreement for Professional Planning Consultant Services.pdf
Page 4 City Council Journal (1).pdf
TO-CS-SME-(Task Order #2020-1)-2-6-2020-$59800.pdf

IX.8 20-87 Approve a Sole Source Resolution and Execute a Multi-Year Premier Power Services Contract between the City of Cocoa and Duke Energy Florida, LLC (Duke). (Utilities Director)

Attachments: City of Cocoa - Premier Power Service Contract - Partially Executed.pdf
20-87 Single Source Resolution.doc

X. INFORMATIONAL AGENDA:

X.1 20-109 FY 2020 Budget Adjustment Report. (Finance Director)

Attachments: January FY 2020 EXPENSE Budget Tracking Worksheet.pdf
January FY 2020 REVENUE Budget Tracking Worksheet.pdf

X.2 20-110 In accordance with the Financial Operations Manual (FOM) the City Manager shall submit to City Council in the form of an agenda item any approved change orders to construction contracts that the City Council has authorized the City Manager, by resolution, to approve in excess of the City Manager's spending authority. (Finance Director)

Attachments: FY2020 Change Orders-CM Authorized to Execute January 2020.pdf

X.3 20-111 In accordance with City Code, Section 2-74, at the beginning of each month during the fiscal year, the City Manager shall submit to City Council data showing the relation between the estimated and actual income and expenses to date. (Finance Director)

Attachments: Budget By Classification January 2020.pdf

X.4 20-115 Fire Incident Summary Report for Service Calls responded to by Cocoa Fire Rescue in January, 2020. (Fire Chief)

Attachments: January 2020 Total Record Volume by Incident Type Report.pdf

X.5 20-122 Cocoa Police Department District Event Statistics for the month of December, 2019. (Chief of Police)

Attachments: Dec 2019 Council Report by District .pdf

X.6 20-88 Council request to review the cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2019 to 01/31/2020. (Finance Director)

Attachments: PO Monthy Report to City Council 10.01.19 thru 01.31.20.pdf

XI. ADJOURNMENT

NOTICE TO THE PUBLIC:

Pursuant to Section 286.0105, Florida Statutes, the City hereby advises the public that: if a person decides to appeal any decision made by the City Council with respect to any matter considered at its meeting or hearing, that person will need a record of the proceedings and for such purpose, affected persons may need to assure that a verbatim record of the proceedings is made, and such record shall include the testimony and evidence upon which the appeal is to be based. This notice does not constitute consent by the City for the introduction or admission into evidence of otherwise inadmissible or irrelevant evidence, nor does it authorize challenges or appeals otherwise not allowed by law.

City Code Section 2-54 requires that an affirmative vote of a majority of a quorum present shall be necessary to enact an ordinance or adopt any resolution; except that two-thirds of the membership of the Council is required to enact an emergency ordinance. All ordinances require two readings, entitled first reading and second reading and public hearing, prior to adoption.

Members of the public speaking on public hearing items, though entitled to be heard by the City Council, are not entitled to an immediate response by either administrative staff members or Council once the public hearing is closed; however, Council discussion may or may not include a response. No question by the public should be addressed directly by the Administrative staff.

Public debate by individual speakers from the audience on public hearing items shall be limited to three (3) minutes. Representatives of recognized groups shall be limited to ten (10) minutes; and total debate on a single issue shall be limited to thirty (30) minutes. Only one presentation per person per issue shall be allowed.

A Council member may add an item to the agenda during the meeting only at the time the agenda is approved. If the item requires action by the Council, then it may be added to the agenda by an affirmative vote of the Council, and written documentation must be submitted at the time the item is added to the agenda.

This agenda is posted on the Municipal Bulletin Board and at the Central Brevard Library and Reference Center in Cocoa for public review.

A Council member may add an item to the agenda during the meeting only at the time the agenda is approved If the item requires action by the Council then it may be added to the agenda by an affirmative vote of the Council and written documentation must be submitted at the time the item is added to the agenda.

This agenda is posted on the Municipal Bulletin Board and at the Central Brevard Library and Reference Center in Cocoa for public review. This is a public meeting. All interested parties may attend. The facility wherein this public meeting will be held is accessible to the physically handicapped. In accordance with the Americans With Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk of the City of Cocoa, listed below, at least 48 hours prior to the meeting: Carie Shealy, City Clerk, 65 Stone Street, Cocoa, by telephone at (321) 433-8484 or via email at cshealy@cocoafl.org.

Legislation Details (With Text)

File #:	20-78	**Version:**	1	**Name:**	
Type:	Agenda			**Status:**	Agenda Ready
File created:	1/29/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve the Agenda for the Regular Meeting of February 26, 2020, as presented or with amendments.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	02-26-2020 Short Agenda ADA.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 29, 2020
Agenda Date: February 26, 2020
Prepared By: Carie Shealy, City Clerk
Through:
Requested Action:
Approve the Agenda for the Regular Meeting of February 26, 2020, as presented or with amendments.

BACKGROUND:

The City Council approves the agenda for all of its regular meetings at the beginning of such meetings.

STRATEGIC PLAN CONNECTION:

NA

BUDGETARY IMPACT:

NA

PREVIOUS ACTION:

The City Council has approved its agenda for all regular meetings at the beginning of such meetings.

RECOMMENDED MOTION:

Approve the Agenda for the Regular Meeting of February 26, 2020, as presented or with amendments.

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Agenda
City of Cocoa
Regular Meeting of The City Council

Date: February 26, 2020
Time: 6:00 p.m.
Location: 65 Stone Street Cocoa, FL 32922

I. Opening Matters:

1. Call to Order
2. Invocation
3. Pledge of Allegiance
4. Roll Call

II. Approval Of Agenda And Minutes:

1. Agenda: Regular Meeting of February 26, 2020 (20-78)

2. Minutes: Regular Meeting of December 11, 2020 (20-133)

III. Awards and Presentations:

1. Proclamation: "Black History Month". (20-73). (Mayor Williams)

2. Proclamation: "2020 Census". (20-74). (Mayor Williams)

3. Historic Cocoa Village Main Street Presentation--Short Year in Review. (20-75). (Emma Kirkpatrick, HCVMS)

4. Recognition of Mr. Robert Boyd, with Time Out Sports Bar and Grill in Cocoa Village. (20-76). (Mayor Williams)

5. Recognition of Mr. Rick Wynn for his participation in the Holiday Parade and presentation of "Santa" plaque from Brevard County Parks and Rec. (20-77). (Mayor Williams)

IV. Delegations:

In accordance with the City Council's rules and procedures, residents or tax-payers of the City (upon any subject of general or public interest), City employees (regarding his/her employment), water and sewer customers (on matters related

to the City's water and/or sewer system), and any person on any item on the agenda (except *Emergency items, Ministerial items, Quasi-judicial items, and Public Hearing items),* may address the City Council under Delegations by filling out a speaker card.

Speaker cards are located in the Council Chamber lobby and should be provided to the City Clerk. Please observe the time limit of five (5) minutes while speaking under Delegations. Delegations shall be limited to thirty (30) minutes unless extended by Council.

V. Reports:

- Advisory Boards and Committees
- City Administration
- City Attorney
- City Manager
- City Council

VI. Consent Agenda:

1. Approve a Resolution Amending the FY2020 Budget, BAF#20-026-T, for the Purchase of a 2020 Ford F350 Cab & Chassis utilizing the Sourcewell (Formerly NJPA) Contract #2020-120716. (20-103). (Public Works Director)

2. Approve Budget Adjustment 20-038-A, Amending the FY2020 Budget for the Capital Project Fund Riverfront Park/Lee Wenner. (20-106). (Finance Director)

3. Accept the Brevard County Lucas Chest Compression Grant Revenues and Approve a Resolution Amending the FY2020 Budget, BAF#20-041-A. (20-114). (Fire Chief)

4. Approval to apply for a Firehouse Subs Grant, to Purchase Hydraulic Vehicle Extrication Equipment. (20-116). (Fire Chief)

5. Approve a Resolution increasing the contingency for the Barbara Jenkins Street relining of various sized pipes from 10% to 15%, for a total project authorization of $122,749.85 and approve City Manager authority to approved related Change Orders. (20-127). (Public Works Director)

6. Approve Task Order 2020-01 with Jacobs Engineering Group (Jacobs) fka CH2M Hill Engineers, Inc. for Program Management Services for Operating Revenue (OR) Projects, Project No. WS1221; Task Order 2020-03 for Program

Management Services for Bond Funded Projects, Project No. WS19BO; and Task Order 2020-04 for Plan Review Services to include Engineering Land Development Review, Project No. WS1221; To Approve a Resolution Amending the FY2020 Budget, BAF#20-043-T. (20-63). (Utilities Director)

7. Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing the City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through September 18, 2020 (20-81). (Utilities Director)

8. Approve Task Order 2020-05 with Jacobs to provide services to the City's personnel on Repair and Maintenance (R&M) projects in the form of additional project management assistance, contractor monitoring and documentation of activities, data management, and quality control assistance for R&M Programs; To Approve a Resolution Amending to FY2020 Budget. (20-89). (Utilities Director)

9. Approve Task Order 2020-02 with Jacobs to Assist with Contractor Oversight, Quality Control, Public Relations, and Data Management for the Cross Connection Control Program, Project No. WS13BC; To Approve a Resolution Amending to FY2020 Budget, BAF#20-033-T. (20-90). (Utilities Director)

10. Approve Task Order 2020-11 with Carollo Engineers, Inc. to assist Sewer Field Operations (SFO) in Project and Assessment Information Management Assistance, Quality Control Process Development, Long-Term Strategic Planning, and SCADA Maintenance; To Approve a Resolution Amending the FY2020 Budget, BAF#20-037. (20-91). (Utilities Director)

VII. Public Hearings:

1. Ordinance No. 03-2020/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXII, to change the Zoning Map designation of one (1) parcel totaling 246.45 acres from Brevard County GU (General Use) to City of Cocoa RU-1-7 (Single Family Residential). (20-61). (Community Services Director)

2. Pass on Second Reading Ordinance 13-2019: Adopting amendments to the City of Cocoa Comprehensive Plan based on the City's Evaluation and Appraisal Report (EAR) of the Comprehensive Plan pursuant to Section 163.3191, Florida Statutes and authorizing transmittal to the Florida Department of Economic Opportunity. (20-84). (Community Services Director)

3. Conduct a Public Hearing to obtain citizen input and comments on housing and community development needs; approve recommendations on FY2020-2021 CDBG and HOME program funding; and provide notice to solicit public comment and notice of final public hearing scheduled for May 13, 2020. (20-97). (Community Services Director)

VIII. Council Business:

1. Consider the Appointment of Mr. Randal Hiester as the 2nd Alternate Member to the Board of Adjustment. (20-104). (Administrative Services Director)

2. Approve the Code Enforcement Lien for the property located at 315 Belmont Dr. be Reduced to $2,000.00, as recommended by the Code Enforcement Board. (20-62). (Chief of Police)

3. Request to approve a date change for the street closure for the Annual Village Idiot Pub Fun Run from March 27, 2020 to April 3, 2020. (20-72). (Assistant to the City Manager/ Public Relations Specialist)

4. Consider the Cancellation of the Regular City Council Meeting on December 23, 2020 due to the holidays, and consider the change of November meeting dates due to the holidays and November 3, 2020 election. (20-79). (Administrative Services Director)

5. Consider the Appointment of Mr. Todd Anderson as a Regular member of the Planning & Zoning Board and Ms. Aerial Glass as the 2nd Alternate member of the Planning & Zoning Board. (20-99). (Administrative Services Director)

IX. City Business:

1. Approve Task Order 2020-07, City of Cocoa America's Water Infrastructure Act (AWIA) Section 2013 Compliance Support, with Jacobs Engineering Group (Jacobs) to Provide Assistance to the City of Cocoa to meet the AWIA Requirements including Project Initiation, Risk and Resiliency Assessment, and Emergency Response Plan Update; To Approve a Resolution Amending the FY2020 Budget, BAF# 20-044-T. (20-100). (Utilities Director)

2. Approve the removal of an oak tree in the right-of-way adjacent to 1203 Oxford Drive to be replaced with oak tree(s), equaling the diameter of the tree to be removed, to be planted at Bracco Pond. (20-85). (Community Services Director)

3. Approve a Resolution Amending the FY2020 Budget, reducing the reliance on Fund Balance and reducing the expense budget for project retainage, BAF # 20-029-A1 and A2. (20-96). (Finance Director)

4. Approve Task Order 2020-06 with the Jacobs Engineering Group (Jacobs) to assist the Dyal Water Treatment Plant with Program Management Services, Instrumentation and Control System Support (SCADA), and Design Management and Construction Project Services for Operating Revenue and Capital Improvement Plan Projects; To Approve a Resolution Amending the FY2020 Budget, BAF#20-040-T. (20-98). (Utilities Director)

Multi-Year Contracts:

5. Approve a multi-year agreement with Policy Confluence, Inc. (DBA National Research Center, Inc.) to conduct a community survey; approve a Resolution approving the vendor as a single-source provider; approve a Resolution amending the FY2020 Budget (BAF#20-042-T) and authorize the City Manager to finalize and execute the Enterprise Services Agreement. (20-120). (City Manager)

6. Approve the Second and Final Amendment to Purchase Agreement with Anderson Diving d/b/a Logan Diving and Salvage, Inc. effective March 5, 2020 through March 4, 2022, under RFQ-14-19-COC Subaqueous Pipeline Assessment. (20-80). (Utilities Director)

7. Approve a Task Order by S&ME to develop a Parks & Open Space Master Plan in the amount of $59,800 based upon a multi-year Professional Services Agreement between the City of Cocoa and S&ME, Inc. executed on March 13, 2019. (20-86). (Utilities Director)

8. Approve a Sole Source Resolution and Execute a Multi-Year Premier Power Services Contract between the City of Cocoa and Duke Energy Florida, LLC (Duke). (20-87). (Utilities Director)

X. Informational Agenda:

1. FY 2020 Budget Adjustment Report. (20-109). (Finance Director)

2. Approved change orders to construction contracts that the City Council has authorized the City Manager, by resolution, to approve in excess of the City Manager’s spending authority. (20-110). (Finance Director)

3. Data showing the relation between the estimated and actual income and expenses to date. (20-111). (Finance Director)

4. Fire Incident Summary Report for Service Calls responded to by Cocoa Fire Rescue in January, 2020. (20-115). (Fire Chief)

5. Cocoa Police Department District Event Statistics for the month of December, 2019. (20-122). (Chief of Police)

6. Cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2019 to 01/31/2020. (20-88). (Finance Director)

XI. Adjournment:

XII. Notice To The Public:

This is a public meeting. All interested parties may attend. The facility wherein this public meeting will be held is accessible to the physically handicapped. In accordance with the Americans With Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk of the City of Cocoa, listed below, at least 48 hours prior to the meeting: Carie Shealy, City Clerk, 65 Stone Street, Cocoa, by telephone at (321) 433-8484 or via email at cshealy@cocoafl.org.

Pursuant to Section 286.0105, Florida Statutes, the City hereby advises the public that: if a person decides to appeal any decision made by the City Council with respect to any matter considered at its meeting or hearing, that person will need a record of the proceedings and for such purpose, affected persons may need to assure that a verbatim record of the proceedings is made, and such record shall include the testimony and evidence upon which the appeal is to be based. This notice does not constitute consent by the City for the introduction or admission into evidence of otherwise inadmissible or irrelevant evidence, nor does it authorize challenges or appeals otherwise not allowed by law.

City Code Section 2-54 requires that an affirmative vote of a majority of a quorum present shall be necessary to enact an ordinance or adopt any resolution; except that two-thirds of the membership of the Council is required to enact an emergency ordinance. All ordinances require two readings, entitled first reading and second reading and public hearing, prior to adoption.

Members of the public speaking on public hearing items, though entitled to be heard by the City Council, are not entitled to an immediate response by either administrative staff members or Council once the public hearing is closed; however, Council discussion may or may not include a response. No question by the public should be addressed directly by the Administrative staff.

Public debate by individual speakers from the audience on public hearing items shall be limited to three (3) minutes. Representatives of recognized groups shall be limited to ten

(10) minutes; and total debate on a single issue shall be limited to thirty (30) minutes. Only one presentation per person per issue shall be allowed.

A Council member may add an item to the agenda during the meeting only at the time the agenda is approved. If the item requires action by the Council, then it may be added to the agenda by an affirmative vote of the Council, and written documentation must be submitted at the time the item is added to the agenda.

This agenda is posted on the Municipal Bulletin Board and at the Central Brevard Library and Reference Center in Cocoa for public review.

Legislation Details (With Text)

File #:	20-133	**Version:**	1	**Name:**	
Type:	Minutes			**Status:**	Minutes
File created:	2/19/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve the Minutes for the Regular meeting of December 11, 2020, as written or with amendments.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	12-11-19 Minutes ADA.pdf EXHIBIT A- Annexation Ord. 24-2019.pdf EXHIBIT B-Zoning Text Amendment CWOD presentation.pdf EXHIBIT C-City Council Dec 2019 Sharing Space.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 19, 2020
Agenda Date: February 26, 2020
Prepared By: Carie Shealy, City Clerk
Through:
Requested Action:
Approve the Minutes for the Regular meeting of December 11, 2020, as written or with amendments.

BACKGROUND:

N/A

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

N/A

PREVIOUS ACTION:

The City Council approves the minutes of all its meetings following transcription.

RECOMMENDED MOTION:
Approve the Minutes for the Regular meeting of December 11, 2020, as written or with amendments.

MINUTES

City of Cocoa
Regular Meeting of The City Council

December 11, 2019

A Regular City Council Meeting was held on Wednesday, December 11, 2019, in Cocoa City Hall, in City Council Chambers, located at 65 Stone Street, in Cocoa, Florida, 32922, as publicly noticed.

I. OPENING MATTERS:

Mayor Williams called the meeting to order at 6:00 p.m.

Chief Lamm provided the invocation and Councilmember Koss led the assembly in the Pledge of Allegiance to the Flag of the United States of America.

The City Clerk took the roll.

PRESENT:	Jake Williams, Jr.	Mayor
	James Goins	Deputy Mayor
	Don Boisvert	Councilmember
	Lorraine Koss	Councilmember
	Brenda Warner	Councilmember (attended via phone)
	Anthony Garganese	City Attorney
	John A. Titkanich, Jr.	City Manager
	Matt Fuhrer	Assistant City Manager
	Carie Shealy	City Clerk

OTHER STAFF MEMBERS PRESENT:

Tammy Gemmati, Administrative Services Director; Jack Walsh, Utilities Director; Nancy Bunt, Community Services Director; Michael Cantaloupe, Chief of Police; Jonathan Lamm, Fire Chief; Bryant Smith, Public Works Director; Rebecca Bowman, Finance Director; Samantha Senger, Assistant to the City Manager/ Public Relations Specialist; Dodie Selig, Planning Manager; Charlene Neuterman, Deputy Community Services Director; and LeShawn Hinton, Helpdesk Support Tech.

II. Approval Of Agenda And Minutes:

1. Agenda: Regular Meeting of December 11, 2019 (19-609)

2. Minutes: N/A

City Manager Titkanich requested that Item VII.9 be added regarding the Integra Agreement, and Ms. Bunt requested that under Item VII.3, Ms. Marilyn Soto Lanza's name be removed for consideration as Second Alternate to the Board of Adjustment.

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to approve the Agenda for the Regular meeting of December 11, 2019 as amended.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

III. Awards and Presentations:

1. Presentation to Councilmember Koss for the completion of the FHWA Bikeway Selection Guide Workshop on November 6, 2019. (19-612). (Mayor Williams)

   Deputy Mayor Goins presented a certificate to Councilmember Koss regarding the completion of the workshop.

   Councilmember Koss provided information about bikeways and mentioned that she did not realize that there was so much law behind bicycles and pedestrians on the streets. The key is to have an integrated system and she advised that Michigan Avenue was currently being looked at to see if it could be made more accessible.

2. Proclamation: Presented to Shane Austin Layman, who completed his Eagle Project at the Community Garden in Cocoa. (19-613). (Mayor Williams)

   Councilmember Boisvert read the proclamation into the record. Councilmembers thanked Mr. Layman for all of his hard work on the project.

3. Recognition of the Cocoa Youth Athletics Flag Football Super Bowl Champions, ages 5 & 6. (19-648). (Deputy Mayor Goins)

   Deputy Mayor Goins presented certificates to the players, coaches, and cheerleaders who were in attendance and he pointed out that this was their first year playing.

He pointed out that sports are more than just playing the game. It is about teamwork, commitment, and adults taking time out to commit to these children's future. These kids are in kindergarten and first grade and to be undefeated is a huge accomplishment.

IV. Delegations:

Rev. Johnnie Dennis, 3710 Catalina Drive, Cocoa, requested the removal of attorney Kevin McCann, Michael Klug, and Jarvis Wash from the Police Advisory Committee. He stated that the board is pro-cop and that the board has become a cheerleading committee for the Chief and whomever put those members on the board was unethical. He read from the resolution the purpose of the committee. Voters wanted a committee that would be fair and partially independent. Additionally, there have only been two council members at the meetings so he respectfully requested again, that those three board members be removed. In closing, Rev. Dennis noted that he had been a victim of fraud and took the officer to the place where he was a victim at.

Deputy Mayor Goins mentioned that he nominated Pastor Wash and understood Rev. Dennis's argument, however his nomination had nothing to do with that. He asked for clarification on Rev. Dennis's main concern. In response, Rev. Dennis stated that someone that he wanted removed from the board was someone who wanted to praise the police when they do good.

Mayor Williams advised that some of his statements made were not true and when the police do good they want to reward the officers. This was not intended as a hate board.

Deputy Mayor Goins believes that if this is not addressed it will continue to go on and on. Mayor Williams does not like the fact that we do not praise the police department.

Mr. John Benton, Rose L. Jones Drive, Cocoa, had an issue with Cocoa and was waiting for the FBI and Judge Crawford to deal with the issue. He further mentioned that he has a problem with Attorney Garganese. Mr. Benton advised that he, himself, had held a sign out in front of Cape Canaveral City Hall and provided a background of an incident that happened there. He further noted that he had been trespassed in Cape Canaveral.

Marisol Soto-Lanza, 436 Satsuma Street, Cocoa, Florida, voiced her concerns about a neighbor. She has called Code Enforcement but cannot get anything

done. She has filed two police reports and the next step would be to get an injunction. Her husband had been threatened twice. The neighbor has a one family home and he is renting rooms. Additionally, there is a car that has been parked there and nothing was being done about it. She was not sure of the neighbors' name.

V. Consent Agenda:

1. Approve a letter of support committing to a Municipal Services Capital Contribution Agreement between the City of Cocoa and Brevard Public Schools, subject to, and for the purposes of obtaining a grant from the Florida Department of Economic Opportunity (DEO) Florida Job Growth Grant Fund for the Brevard Adult Education Career and Technical Education Center. Should the Grant be Awarded, Staff will return to City Council to Accept the Revenue and prepare the appropriate FY2020 Budget Adjustments. (19-391). (Community Services Director)

2. Approval of new agreement between the City of Cocoa and Nationwide Retirement Solutions for the 457(b) Plan to add new ProAccount Program for employees. (19-511). (Administrative Services Director)

3. Award Bid No. B-20-05-COC Transfer Pump #3 VFD Replacement to CE Power Solutions, LLC, Tampa, FL. (19-552). (Utilities Director)

4. Approve Participation in a Cooperative Purchasing Agreement with Goodson Paving, Inc., Cocoa, Florida, utilizing Brevard County Bid No. B-4-19-07, Concrete Sidewalk, Curb and Gutter, effective January 14, 2019 through January 13, 2022; Approve Participation in a Cooperative Purchasing Agreement with Goodson Paving, Inc., Cocoa, Florida, utilizing Brevard County Bid No. B-4-18-50, Asphaltic Concrete, effective June 21, 2019 through June 20, 2020 (19-575). (Public Works Director)

5. Approve Fiscal Year 2020 Funds to Cover Remaining Costs Associated with Fiscal Year 2019 Purchase Order 74422 and Authorize City Manager to Approve Related Purchase Order for $77,355. (19-576). (Utilities Director)

6. Approval to submit costs associated with the named storm event Hurricane Dorian to the Florida Division of Emergency Management for potential reimbursement, and to approve a resolution authorizing the City Manager or Finance Director to sign any contracts and amendments related to these reimbursements. (19-590). (Finance Director)

7. Authorize Change Order #1 to C&D Construction for the Day Slips and T-Dock Project #ES17HI in the amount of $53,981.71 and approve the Resolution amending the total construction budget and authorizing the City Manager to approve additional change orders or additional service contracts related to the project in an amount not to exceed $40,000. (19-594). (Public Works Director)

8. Approve Amendment No. 1 to Task Order 2019-09 with Carollo Engineers Inc., Orlando, Florida, for the Influent Pump Station and Transfer Pump Rehabilitation Project (portions of the Flow Improvements Project) at the Jerry Sellers Water Reclamation Facility, Project No.WS16SF. (19-607). (Utilities Director)

9. Approve a Budget Resolution Amending the Fiscal Year 2020 budget using General Fund Contingency, to replenish account 001-1600-513.49-00 Other Charges and Obligations. (19-611). (Administrative Services Director)

10. Approve entering into a co-operative purchasing agreement with Granite Inliner (formally Layne In-Liner LLC) in the amount of $106,739.00, plus a 10% contingency of $10,673.90 for a total of $117,412.90, using Polk County Bid 17-326 approved April 21, 2017 through February 28, 2020 to reline various sized pipes on Barbara Jenkins Street and approve City Manager authority to approve the related purchase order. (19-622). (Public Works Director)

11. Approve the donation of four ballistic canine vests by Streamlight, Inc. to the City of Cocoa for use at the Cocoa Police Department. (19-623). (Chief of Police)

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to approve Consent agenda.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

VI. Public Hearings:

Deputy Mayor Goins asked the correct procedure on public hearings. Attorney Garganese noted by law the title of ordinances has to be read into the record.

1. Ordinance No. 14-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of twenty (20) parcels totaling 118.66 acres from Brevard County IU (Light Industrial) to City of Cocoa M-1 (Light Industrial and Warehouse District). (19-599). (Community Services Director)

Attorney Garganese read Ordinance No. 14-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 14-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF TWENTY (20) PARCELS OF REAL PROPERTY, TOTALING 118.66 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE WEST SIDE OF COX ROAD, SOUTH OF PINE CONE PLACE AND NORTH OF SR520, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY I-U (LIGHT INDUSTRIAL) TO CITY OF COCOA M-1 (LIGHT INDUSTRIAL AND WAREHOUSE DISTRICT); PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Councilmember Boisvert; Seconded by Councilmember Koss, to approve Ordinance No. 14-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

2. Ordinance No. 15-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of four (4) parcels totaling 19.73 acres from Brevard County IU (Light Industrial) to City of Cocoa M-1 (Light Industrial and Warehouse District). (19-600). (Community Services Director)

Attorney Garganese read Ordinance No. 15-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 15-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF FOUR (4) PARCELS OF REAL PROPERTY, TOTALING 19.73 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE WEST SIDE OF COX ROAD, SOUTH OF RIGHT STREET AND NORTH OF SR520, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY I-U (LIGHT INDUSTRIAL) TO CITY OF COCOA M-1 (LIGHT INDUSTRIAL AND WAREHOUSE DISTRICT); PROVIDING FOR THE

REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Councilmember Koss; Seconded by Councilmember Boisvert, to approve Ordinance No. 15-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

3. Ordinance No. 16-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of six (6) parcels totaling 16.67 acres from Brevard County IU (Light Industrial) to City of Cocoa M-1 (Light Industrial and Warehouse District). (19-601). (Community Services Director)

Attorney Garganese read Ordinance No. 16-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 16-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF SIX (6) PARCELS OF REAL PROPERTY, TOTALING 16.67 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE WEST SIDE OF COX ROAD, SOUTH OF RIGHT STREET AND NORTH OF SR520, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY I-U (LIGHT INDUSTRIAL) TO CITY OF COCOA M-1 (LIGHT INDUSTRIAL AND WAREHOUSE DISTRICT); PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Councilmember Boisvert; Seconded by Councilmember Koss, to approve Ordinance No. 16-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

4. Ordinance No. 18-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of two (2) parcels totaling 2.06 acres from Brevard County IU (Light Industrial) to City of Cocoa C-G (General Commercial District). (19-602). (Community Services Director)

Attorney Garganese read Ordinance No. 18-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 18-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF TWO (2) PARCELS OF REAL PROPERTY, TOTALING 2.06 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE NORTH SIDE OF SR520, EAST OF TOWNSEND ROAD AND WEST OF COX ROAD, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY I-U (LIGHT INDUSTRIAL) TO CITY OF COCOA C-G (GENERAL COMMERCIAL DISTRICT); PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Councilmember Koss; Seconded by Deputy Mayor Goins, to approve Ordinance No. 18-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

5. Ordinance No. 19-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of a single parcel totaling 1.24 acres from Brevard County BU-2 (Retail, Warehousing and Wholesale Commercial) to City of Cocoa C-G (General Commercial District). (19-603). (Community Services Director)

Attorney Garganese read Ordinance No. 19-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 19-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF ONE (1) PARCEL OF REAL PROPERTY, TOTALING 1.24 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE NORTH SIDE OF SR520, EAST OF TOWNSEND ROAD AND WEST OF COX ROAD, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY BU-2 (RETAIL, WAREHOUSING AND WHOLESALE COMMERCIAL) TO CITY OF COCOA C-G (GENERAL COMMERCIAL DISTRICT); PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Councilmember Boisvert; Seconded by Councilmember Koss, to approve Ordinance No. 19-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

6. Ordinance No. 20-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of a single parcel totaling 0.75 acres from Brevard County PIP (Planned Industrial Park) to City of Cocoa C-G (General Commercial District). (19- 604). (Community Services Director)

Attorney Garganese read Ordinance No. 20-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 20-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF ONE (1) PARCEL OF REAL PROPERTY, TOTALING 0.75 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE SOUTH SIDE OF TOWNSEND RD, AND IMMEDIATELY EAST OF I-95, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY PIP (PLANNED INDUSTRIAL PARK) TO CITY OF COCOA C-G (GENERAL COMMERCIAL DISTRICT); PROVIDING FOR THE REPEAL OF PRIOR

INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Deputy Mayor Goins; Seconded by Councilmember Koss, to approve Ordinance No. 20-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

7. Ordinance No. 21-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of a single parcel totaling 0.03 acres from Brevard County PIP (Planned Industrial Park) to City of Cocoa INST (Institutional District). (19-605). (Community Services Director)

Attorney Garganese read Ordinance No. 21-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 21-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF ONE (1) PARCEL OF REAL PROPERTY, TOTALING 0.03 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE SOUTH SIDE OF TOWNSEND RD, AND IMMEDIATELY EAST OF I-95, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY PIP (PLANNED INDUSTRIAL PARK) TO CITY OF COCOA INST (INSTITUTIONAL DISTRICT); PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to approve Ordinance No. 21-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

8. Ordinance No. 22-2019/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXI, to change the Zoning Map designation of a single parcel totaling 1.08 acres from Brevard County IU (Light Industrial) to City of Cocoa M-2 (Manufacturing and Industrial District). (19-606). (Community Services Director)

Attorney Garganese read Ordinance No. 22-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 22-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF ONE (1) PARCEL OF REAL PROPERTY, TOTALING 1.08 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE SOUTH SIDE OF TOWNSEND ROAD AND EAST OF I-95, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY I-U (LIGHT INDUSTRIAL) TO CITY OF COCOA M-2 (MANUFACTURING AND INDUSTRIAL DISTRICT); PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Councilmember Koss; Seconded by Councilmember Boisvert, to approve Ordinance No. 22-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

9. Ordinance No. 24-2019/ 1st Reading: Annexing approximately 139.23 acres of real property located in unincorporated Brevard County (as shown in Exhibit "A") into the City of Cocoa in accordance with Chapter 171 of the Florida Statutes and Appendix A, Article VI of the City of Cocoa Code. (19-631). (Community Services Director)

Attorney Garganese read Ordinance No. 24-2019 into the record, by title only as follows. He mentioned this was the first reading of an annexation ordinance. The pre-annexation agreement was approved on November 13, 2019.

ORDINANCE NO. 24-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; ANNEXING APPROXIMATELY 139.23 ACRES OF REAL PROPERTY GENERALLY LOCATED AT THE INTERSECTION OF STATE ROAD 524 AND STATE ROADS 520, AND MORE SPECIFICALLY WEST OF ADAMSON ROAD AND NORTH OF STATE ROADS 520 AND 524; PROVIDING FOR THE AMENDMENT OF COCOA CHARTER, ARTICLE 1, CITY BOUNDARIES, TO INCORPORATE THE REAL PROPERTY INTO THE CITY BOUNDARIES; PROVIDIN FOR THE FILING OF THE REVISED COCOA CHARTER WITH THE DEPARTMENT OF STATE AND AS ALSO REQUIRED BY LAW; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

Ms. Selig provided a presentation[1] and background on the item. She gave a detailed project summary. She explained that prior to commencing the annexation process, staff prepared an Annexation Report. The Annexation Report established that the subject area for this annexation met the requirements for annexation as outlined in Chapter 171 of the Florida Statutes.

The Annexation Report was approved by City Council on October 9, 2019. A copy of the Annexation Report was transmitted to the Brevard County Board of County Commissioners on October 11, 2019 and signed for on October 15, 2019.

The City will conduct annexations in accordance with Section 171.0413 (6), Florida Statutes. This section provides that consent of property owners representing at least 50% of the land area and at least 50% of the parcels to be annexed is required and will be obtained by the City prior to final adoption of the annexation ordinance.

Related to this requirement, the City Council approved a Pre-Annexation Agreement with the applicant and accepted three Petitions of Annexation on November 13, 2019.

Staff notified property owners within the annexation area of the City's intent to annex their property along with the date and location of the two public hearings at which this item will be considered.

[1] EXHIBIT A: Ordinance No. 24-2019 Annexation Cape Canaveral Heights Properties, Inc. Presentation

Staff confirmed with the Brevard County Supervisor of Elections that no registered electors currently reside in the proposed annexation area. Pursuant to Florida Statutes, staff will verify that no registered electors reside in the proposed area on the date of the 2nd reading and adoption of the ordinance.

The proposed annexation area is located at the intersection of SR 524 and SR 520, more specifically west of Adamson Road and north of SR's 520 and 524.

Current and proposed future land use designation and zoning classification have not been determined and are not required at this time. The adequate public facilities report was done and the budgetary impact is difficult to fully assess at this time due to the largely undeveloped nature of the land.

Lastly, City Council approved an Annexation Report entitled "Cape Canaveral Heights State Road 520 and State Road 524 Annexation Report" at its October 9, 2019 regular city council meeting.

City Council approved a Pre-Annexation Agreement and accepted three (3) Irrevocable Petitions to Annex Real Property at its November 13, 2019 regular city council meeting.

Mayor Williams opened the hearing to the public.

Mr. Jay Thacker, Esq. noted he represented the developers and was in attendance to answer questions if needed.

There being no further response, the public portion of the hearing was close

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to approve Ordinance No. 24-2019 on First Reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

10. Ordinance No. 25-2019/ 1st Reading: Approval of a ZONING TEXT AMENDMENT consistent with Appendix A, Zoning, Article XXI, amending Appendix A, Article XI, Section 22 of the zoning ordinance of the City of Cocoa to allow the Single Story Commercial building type on a certain property within the Waterfront Sub-district of the Cocoa Waterfront Overlay District and amending the maximum lot depth from 300 feet to 400 feet for properties eligible for the Single Story Commercial building type. (19-634). (Community Services Director)

Attorney Garganese read Ordinance No. 25-2019 into the record, by title only as follows. He advised that this was the first reading of the ordinance.

ORDINANCE NO. 25-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; AMENDING APPENDIX A, ARTICLE XI, SECTION 22 OF THE CODE OF THE CITY OF COCOA TO ALLOW SINGLE STORY COMMERCIAL BUILDINGS ON A CERTAIN PROPERTY WITHIN THE COCOA WATERFRONT OVERLAY DISTRICT, WATERFRONT SUBDISTRICT, AS MORE PARTICULARLY DEPICTED ON EXHIBIT "A" ATTACHED HERETO; AMENDING THE COCOA WATERFRONT OVERLAY REGULATING PLAN TO ALLOW FOR THE SAME; AMENDING THE MAXIMUM LOT DEPTH FOR LOTS ELIGIBLE FOR SINGLE STORY COMMERCIAL BUILDINGS; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, INCORPORATION INTO THE CODE, SEVERABILITY, AND AN EFFECTIVE DATE.

Ms. Selig provided a presentation[2] on this ordinance which includes changes to the code. There are two changes being proposed.

1- The first would allow the Single-Story Commercial Mixed-use building type for the parcel located at 100 Delannoy Ave.

2-The second change would allow an increase in the maximum lot depth for the Single Story Commercial building type from 300 feet to 400 feet.

A detailed project summary was provided and a location map was shown. The location is between King and Willard Street.

Ms. Selig further pointed out the relationship and consistency with the Comprehensive Plan.

The Planning & Zoning Board recommended approval of this item at its regular meeting on December 4, 2019.

Deputy Mayor Goins asked if there has been conversation with FDOT regarding traffic in this area. Ms. Selig stated they have an upcoming conference call with them and there are three right of ways. She agreed that it was complex and dialogue was needed with FDOT on this, as they were concerned as well. They do have plans to slow some of the traffic coming down the hill.

[2] EXHIBIT B: Ordinance No. 25-2019 Zoning Text Amendment Cocoa Waterfront Overlay District Presentation

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

* **MOTION by Deputy Mayor Goins; Seconded by Councilmember Boisvert, to approve Ordinance No. 25-2019 on First reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

11. Ordinance No. 23-2019/2nd and Final Reading: Regarding Amending Chapter 14 of The Code of The City of Cocoa to Establish Civil Penalties for the Possession of Cannabis (Marijuana) for Amounts under Twenty (20) Grams and Possession of Drug Paraphernalia; Setting Forth Penalties and Enforcement Responsibilities for a Violation of this Code. (19-643). (City Attorney)

Attorney Garganese read Ordinance No. 23-2019 into the record, by title only as follows. He advised that this was the second and final reading.

ORDINANCE NO. 23-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; AMENDING CHAPTER 14 OF THE CODE OF THE CITY OF COCOA TO ESTABLISH CIVIL PENALTIES FOR THE POSSESSION OF CANNABIS (MARIJUANA) FOR AMOUNTS UNDER TWENTY (20) GRAMS AND POSSESSION OF DRUG PARAPHERNALIA; SETTING FORTH PENALITIES AND ENFORCEMENT RESPONSIBILITIES FOR A VIOLATION OF THIS CODE; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, INCORPORATION INTO THE CODE, SEVERABILITY, AND AN EFFECTIVE DATE.

Mayor Williams opened the hearing to the public. There being no response, the public portion of the hearing was closed.

City Attorney Garganese explained this was an ordinance establishing a civil penalty for the possession of marijuana and provides an alternative to an arrest for police officers when dealing with those in possession of 20 grams or less. He further noted that it calls for community service and states other offenses and what would happen if a person was found with possession of the substance.

Chief Cantaloupe pointed out that currently there were not test kits or labs doing percentage testing, so they are not making arrests.

* **MOTION by Councilmember Koss; Seconded by Councilmember Boisvert, to approve Ordinance No. 23-2019 on second and final reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

VII. Council Business:

1. Approve the requested 2020 street closures in association with the proposed Special Events. (19-578). (Assistant to the City Manager/Public Relations Specialist)

Ms. Senger explained per the ordinance there are twenty-four (24) street closures allotted in a year and this item provides for twenty-three (23) of those closures.

Mayor Williams spoke in regards to the last Mardi Gras event and stated that he bought several VIP tickets. He voiced his disappointment with the event and pointed out that the same person would be hosting the event again this year. In the past, companies would come in and one would be selected. This is an event that represents the City and the last event was not Mardi Gras to him. He hoped that after this event it would be brought back to Council so that someone would be selected who would do the event right.

Councilmember Koss would like to see a marching band at Mardi Gras. She also asked if HCVMS would have shows that were juried. In response, Ms. Kirkpatrick with HCVMS stated that the March show was an art show where one could enter their pieces; however, all shows were juried. She pointed out that the holiday show was different, as merchants can come in and sell merchandise. Merchandise such as knives cannot be sold at the show.

Ms. Senger spoke about the band and the difficulty of securing a high school marching band due to the event having alcohol. Additionally, it was very costly to pay for a marching-style band.

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to approve the item.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

2. Consider the appointment of one of the following applicants as a member of the Sustainability Advisory Committee: Ms. Kaylyn Palmer, Ms. Cynthia Castro, or

Mr. Jeffrey Myron. (Administrative Services Director). (19-595). (Administrative Services Director)

Councilmember Koss felt that all of the three applicants were very qualified. Ms. Castro has a business background, Ms. Palmer is with Keep Brevard Beautiful and Mr. Myron with the Solar Energy Center.

Councilmember Koss invited Ms. Riggs, Chairperson of the Sustainability Advisory Committee, to the podium to speak about the applicants. Ms. Riggs suggested that the residency requirements be changed for this board. She mentioned that her choice would be Ms. Kaylyn Palmer due to her expertise with Keep Brevard Beautiful.

* **Councilmember Koss nominated Ms. Palmer.**

Councilmember Koss asked what it would take to add an alternate position to this board. In response, Attorney Garganese stated that the enabling resolution would need to be changed.

Councilmember Koss asked the rest of Council how they felt about adding an Alternate position and City Attorney Garganese agreed that a resolution could be brought back to Council.

* **MOTION by Councilmember Koss; Seconded by Deputy Mayor Goins, to appoint Ms. Kaylyn Palmer as a member on the Sustainability Advisory Committee.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

3. Consider the appointment of Mr. Dan Quattrocchi as a Regular member of the Board of Adjustment, through May 2022, Ms. Patricia Weeks as 1st Alternate, ~~and Ms. Marisol Soto-Lanza as 2nd Alternate~~. (19-596). (Administrative Services Director)

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to appoint of Mr. Dan Quattrocchi as a Regular member of the Board of Adjustment, through May 2022, and Ms. Patricia Weeks as 1st Alternate.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

4. Consider the Appointment of Ms. Kimberly Curtis and Mr. Vinnie Richardson as 1st and 2nd Alternates to the Code Enforcement Board. (19-597). (Administrative Services Director)

* **MOTION by Councilmember Warner; Seconded by Councilmember Boisvert, to appoint Ms. Kimberly Curtis and Mr. Vinnie Richardson as 1st and 2nd Alternates to the Code Enforcement Board.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

5. City Council Liaison Appointments and Appointment of the Florida League of Cities Voting Delegate and Alternate for 2020. (19-608). (Administrative Services Director)

Mayor Williams would like to remain on the same boards.

Councilmember Koss would like to serve on the Florida League of Cities as the Alternate Voting Delegate.

Councilmember Warner was in agreement with her serving as alternate as she was not sure if she would be attending the Florida League of Cities event this year.

All other members would also like to keep the same boards.

* **MOTION by Deputy Mayor Goins; Seconded by Councilmember Warner, to keep the same City Council Liaison appointments as 2019 and for Mayor Williams to be the primary voting delegate and Councilmember Koss to be the alternate voting delegate for the Florida League of Cities.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

6. Seek Council direction for extension request from Broadmoor Acres Community Restoration and Preservation, Inc. (BACRAP) on the Code Enforcement Lien Reduction Agreement between the City of Cocoa and BACRAP executed December 15, 2017. This agreement conditionally provides a reduction of the code enforcement liens associated with 408 Kentucky Ave., 1115 Broadmoor Dr., 1057 Mitchell St., 401 N Carolina Ave., 1102 Broadmoor Dr., and 300 N. Varr Ave., to $0 providing BACRAP complies with the conditions set forth in the agreement. (19-665). (Community Services Director)

Ms. Bunt pointed out that on the six lots there are currently fifty nine (59) code liens related to the above mentioned properties totaling $541,309.72. All of the code liens happened prior to BACRAP acquiring the properties. BACRAP agreed to construct a single family affordable home on each property and obtain a certificate of occupancy on each home within the two years. In the event that BACRAP does not perform this condition or any other condition of the agreement, the lien reduction request would be automatically retroactively denied. The order reducing the fine shall be null and void and the code liens remain on the properties. The agreement allows the City to extend the time frame annually for good cause at the request of BACRAP. This request was submitted by BACRAP to the City Manager on November 24, 2019.

Ms. Bunt announced that staff was seeking direction from Council as to the request to extend the time frame of this agreement for good cause. Regarding Section 6 of the agreement, conditions of release of liens, BACRAP was issued two permits for 1102 and 1115 Broadmoor Drive on September 9, 2019. According to their November 24, 2019 letter, they anticipate obtaining certificate of occupancies prior to the expiration of this agreement. Subsequently, she noted that staff was advised on December 4, 2019 that due to supplier and FPL schedules those two homes will not be completed by the December 15th deadline. BACRAP anticipates that these homes will be completed and ready for final inspection for the purposes of obtaining a Certificate of Occupancy by early January.

Staff recommends that City Council provide a thirty (30) day time frame extension in order to permit these two homes to be completed. The four remaining lots remain undeveloped. Regarding Section 6d, BACRAP has maintained its status of a Not-for-Profit Florida Corporation during the entire effective date of the agreement. In regards to Section 6e, no new code violations exist on any of the six properties. Sections 6b, c, and f, cannot be evaluated at this time.

As previously noted, BACRAP is requesting an extension for the four remaining lots. Pursuant to the November 24, 2019 letter from BACRAP, the current timeline plans for construction to begin early next year on the next two homes, and the last two later in the year as funding permits.

If City Council extends the time frame to develop the four remaining lots, then staff recommends that Council extends the time frame by one year and evaluate the progress consistent with the existing provisions of the Code Enforcement Lien Reduction Agreement, which will be annually evaluated per Section 6a of the agreement.

Stephanie Morretto, 501 N. Georgia Avenue, stated that she has lived in Broadmoor Acres for over ten years. When she first moved there it was awful. There was trash in the streets and people in the streets all hours of the night. They could not even get pizza delivered to the neighborhood. Criminals would even hide in yards. Today, the crime rate is down, neighbors check on each other, there are neighborhood parties, Thanksgiving food is provided, and toys are provided at Christmas. Progress is messy and did not happen overnight. She urged Council to grant the extension. She did not understand why the City would want to stop the progress. She further asked how Mayor Williams and Councilmember Koss could vote when there is a civil lawsuit against them and a representative of this non-profit. The neighborhood is not perfect but it is working hard to get there.

Mayor Williams spoke about the statement made regarding stopping the process and asked who that came from. In response, Ms. Moretto stated that there was a lot of gossip all over town. Mayor Williams stated it was just gossip, and stated he just wanted to know.

Councilmember Koss pointed out that the lawsuit was against the City too.

Derek Miglian, 1051 Mitchell Street, Cocoa, mentioned that he does not get involved in the political aspects of things. He moved here in 2016 and was in a house with a bad landlord. He thanked BACRAP because they were able to get the landlord out and him in as a homeowner. He would hear shots and cop cars throughout the nights and his kids were scared. All of this has stopped with BACRAP intervening. He believes that there has been a change. He has lived in the area for three years and urged them to grant the extension.

Candace Rogers, 93 Delannoy Avenue, Cocoa, advised that Broadmoor Acres was not her neighborhood but admired what BACRAP and the residents have done to make it what it is today. Others have been given the opportunity to build homes and have declined. She believed that the issue of stopping the progress was odd when these were the first new homes to be built in fifty years. BACRAP was fighting for their neighbors and she applauded that. The agreement stated it could be extended for good cause and this was a good cause.

Mayor Williams asked how long she has lived in Cocoa.

Patricia Weeks, 1351 Tartan Way, Cocoa, was in attendance on behalf of the Space Coast Association of Realtors. Affordable housing is something that all cities need. These new homes are being offered on MLS for under $142,000 which is very affordable for first time homebuyer. This is an area where people could afford these very easily. They support this action for this reason.

Mayor Williams spoke about Broadmoor Acres and Pineridge subdivision. He mentioned that he has lived in Cocoa his whole life and was on Council from 2004-2012. Broadmoor Acres was not a war zone, it was a lot of criminal activity going on in that area. He knows as he has family members that live there as well as friends.

In 2006 a home maintenance plan had come up and renters regulation, and Broadmoor Acres was an area that the City was going after because there were some slumlords there. There was also Sunrise Village and Pineridge Subdivision. They saw the transformation from what was referred to as “Little Vietnam” moving northward and Council started addressing this heavily when he was on council for eight years. There were a number of meetings during this time addressing these issues. He mentioned the Davenports who were slumlords during that time who owned several properties in that area. It was not due to BACRAP coming in and cleaning it up. It was due to the Home Maintenance Plan, pro-active code enforcement and policing at that time. BACRAP just happened to come in at a time where all of those liens and things were coming to an end. He applauds anyone who goes in and rakes and cleans things up.

Pineridge subdivision, just north of Broadmoor Acres, have residents who cut neighbors yards every day. They have been doing it for years, an award was even given for the work they did. This is not just happening in Broadmoor Acres but everywhere in the City. He applauds those helping to clean up. He is not against it, but he does not like people coming and saying what they hear in the streets. Litigation has nothing to do with this. He wants those to get their facts right.

An agreement was made between the City and BACRAP and the agreement has not been fulfilled. He is not going to make a mockery out of this Council and he asked to speak to Bob Harvey because he sent letters that he thought were very disrespectful, something that he would never do to him, and he is with the Port. He asked them to not come in and accuse them of stuff when they are just trying to conduct their business and do their job.

Mr. Bob Harvey stated he was just attacked publicly (from the audience) and he wanted to respond.

Deputy Mayor Goins stated that if Mr. Bob Harvey would like to respond than that would be good for him.

Mayor Williams stated that Mr. Harvey could come up and speak and fill the delegation card out when he is done so they could move the item forward.

Mr. Bob Harvey, mentioned that no one needed to attack the Mayor and no one needed to attack him. He has not attacked the Mayor personally and the Mayor has not asked him to come and speak with him personally. He would be happy to meet with him any time he wanted to talk. Conversation was held amongst the Mayor and Mr. Harvey about meeting with each other.

Mr. Harvey asked Deputy Mayor Goins if he asked him last week if he would sit down with the Mayor and talk with him. Deputy Mayor Goins responded in the affirmative and stated that Mr. Harvey said he would.

Mr. Harvey made two points. The residents of Broadmoor Acres have said this is a good thing and that it was a war zone. He wanted to take those residents word, who were here tonight, and not call them liars. Secondly, what is being done is building brand new houses. That is good for the City of Cocoa. What is not good would be to terminate this agreement. It would be unprecedented for this Council to say no to this extension.

Mayor Williams stated that there is a number of organizations to bring affordable housing to Cocoa. He stated that this is nothing personal and he is hearing these rumors while him and Councilmember Koss are sitting up there making decisions.

Councilmember Koss stated anyone can file a lawsuit. In response, Mr. Harvey stated that he was not here to talk about the lawsuit. Councilmember Koss stated that he was the Executive Director. Mr. Harvey stated that Mr. Sinclair was not there anymore and he did not care about the lawsuit, that is not the issue tonight.

Mayor Williams stated that this was nothing personal but they were all making it seem like it was personal. Council has a job to do.

Mr. Harvey stated that there was nothing personal in his letter or his words to the Mayor and he has repeated it several times. He mentioned that the Mayor made another point about others who want to buy those lots. No one has reached out him as he is Chairman of the Board.

Mayor Williams clarified that he did not say they wanted to build in Broadmoor Acres, they are trying to come in to the City to bring more affordable housing.

Mr. Harvey advised that they are actually building. Two of the six houses are already built.

Deputy Mayor Goins noted that he had a conversation with Ms. Blanco and Mr. Harvey. He does not have an issue with extending the contract, but from what

he is hearing was that it was an assumption that the City was trying to stop the progress that they are making. The contract was awesome at one time, but during construction things happen. He understands the issue with BACRAP not fulfilling the contract.

He understands the issue and the problem he has is the manipulation. This Council was not here when the contract was signed. It can be extended, it is not personal. There have been a lot of issues this last year that are very troubling. This Council is professional and adult enough to make sound decisions and not make it personal. He would not sit up there and let someone stop progress on something that is positive. He appreciates BACRAP and what they are doing.

Mayor Williams added that we have been all over the city trying to move the City forward in all aspects and it is sad that we are here for this, because with all of the activity in trying to do things for the kids and all, the support is not there. This is sad when you have to hear the garbage behind the scenes. He knows what he is doing and that he is doing the job that he was elected to do. He does not have anything against BACRAP. He urged everyone to let Council do their job.

Councilmember Boisvert knows that this is a heated discussion and he noted that Mr. Sinclair is no longer involved and has moved out of state. The Board of Directors have taken over the organization and are running it and will be building these homes. If they do not complete them there will be overgrown grass again, garbage in the lots, and no one will pay attention to the lots. They should be given the chance now that the organization is moving forward with the work they have been doing.

Mayor Williams corrected Councilmember Boisvert regarding overgrown lots. Mayor Williams stated that those were overgrown lots owned by the City and if they are overgrown than that means the City is not doing their job. The City had the homes demolished and if they are vacant lots and not being taken care of then that was the City's responsibility.

Ms. Bunt mentioned that these lots were not owned by the City. The City had them demolished but the City never owned the properties.

City Manager Titkanich pointed out that in the agenda item you can see the liens and repeated abatement liens where the City maintained the property and the ultimately demoed the homes. 2007 was the earliest code action and latest was 2012 in terms of initiation of Code Enforcement action.

Councilmember Koss stated that everyone here wants Broadmoor Acres to thrive. That is why money has been invested in the stormwater infrastructure

there. The question that she had was about BACRAP's business model. She was confused about that but would vote now to extend the contract for the two homes. She wanted more clarity and transparency on the business model and mentioned that Council received two letters today. One of them was from Lionel Cuggia. She asked if he bought all of the properties and if that was correct. She did not understand if he owned the properties or made a donation to BACRAP.

Mr. Harvey mentioned Lionel did not buy the lots and he does not own the lots, the 501C3 owns the lots. Councilmember Koss clarified that Mr. Cuggia made a donation to the 501C3 because it says in the letter that he had some involvement with these properties. Mr. Harvey stated that it was none of these six properties. She asked if Mr. Harvey had read the letter and he stated he did not know what letter she was referring to. She advised they received it around 2 p.m. today.

Mr. Harvey again stated that Mr. Cuggia did not purchase any of those lots or donate them to BACRAP. He has done other properties in BACRAP but not these six lots. She asked if the purchase of these lots was done with monies donated to BACRAP. Mr. Harvey responded in the affirmative.

Councilmember Koss stated she has not been able to find anything on the 990's and felt that there was no transparency on the financials. Her concern was that through different court proceedings, although separate, there are depositions. The depositions revealed one case where at least one resident was harassed out of their home and would lead her to believe that potentially people are being harassed out of their homes so that properties could be turned around quickly.

Councilmember Koss mentioned that there are good things happening in Broadmoor Acres and gave Mr. Harvey all of the credit.

Mr. Harvey asked to defend what she just said. No one was forced out of their home and he does not know what she was talking about. She stated it was in the deposition and in response, Mr. Harvey stated he was not privy to the lawsuit, but that does not make it so just because someone went in and said that. That is a deposition to be resolved in court. Councilmember Koss added that there was evidence that would make one wonder.

Councilmember Koss stated that there have been references to and in Mr. Sinclair's last threatening letter to them, because in addition to the lawsuit, at least two other letters have been received that threaten lawsuits. In one of those he says that there were thirty properties that he owned or had part ownership to and in Mr. Harvey's letter he mentioned sixteen properties.

Mr. Harvey explained that the six lots were purchased with private money as in effort to rebuild. Councilmember Koss then confirmed with donations to BACRAP. Mr. Harvey stated yes. Councilmember Koss stated then they should be on the 990's, the financial forms. Mr. Harvey stated again, he did not know that information but if she says so, he was not going to debate that with her.

Mr. Harvey stated the idea was to build new homes on these six lots and get owners in them instead of renters. They were vacant lots. They are the only organization in thirty years to try to step up and build homes on these lots. They are just trying to do something good for this neighborhood.

Councilmember Koss mentioned there was an instance where they tried to kick someone out of their home. Mr. Harvey stated that was an alleged event. Councilmember Koss added that it was a court case that was won.

She then asked if the mortgage agreement was a standard mortgage agreement. He asked which agreement she was talking about and advised that two homes are up for sale just like any other house and these would hopefully carry a traditional mortgage from a traditional financing company. They are brand new homes so they qualify for that. The six lots in this agreement are all to be built on and sold in that manner.

Councilmember Koss spoke in regards to the Diamond case and that Mr. Sinclair and BACRAP were involved early in that case, but there was actually a provision in the agreement that they could change the terms of the agreement with just a thirty (30) day notice.

Mr. Harvey stated that agreement has nothing to do with this extension or these six lots. Councilmember Koss confirmed that there would be standard agreements for these lots. Mr. Harvey reiterated that these would be traditional mortgages sold through traditional finance companies and traditional real estate agents, who they heard stand up today and say this was good for the City. He further reiterated that Mr. Sinclair was gone so that was not an issue.

Councilmember Koss asked who would be signing this agreement. He noted it did not require a signature but he would sign it if needed.

Mr. Harvey stated he was the Chairman of the Board for the 501C3 and pointed out that they have been in deep conversations with the City Manager. It is not that they did not come and speak with the City. They have been working this for two years and working with the City for three years since he got involved.

Councilmember Warner mentioned that someone questioned the ethics of her and voting on this issue because she sits on the board for Broadmoor Acres. This was also brought up when the initial agreement was approved. Even though the City Attorney felt that her voting was not a conflict, she contacted the Division of Ethics. They assured her that she could vote on this issue because there was no potential financial gain or loss to her as to what is going on in Broadmoor Acres. She has no financial interest, she is simply a volunteer who bakes turkeys, wraps presents, tries to find financing and people interested in investing in this neighborhood. etc.

Because she has no conflict of interest, Councilmember Warner made a Motion to approve staff's recommendation.

Mayor Williams asked that even though she has no financial gains she is part of an organization with a financial gain. He asked that if she is a volunteer or not, it would benefit an organization that will have a gain. He just does not want this to come back later as an issue.

Attorney Garganese felt that was an excellent point and that in this particular case and the way the law is written, if Councilmember Warner is working as a board of director on a non-profit organization and if she is uncompensated, then the law does not recognize that in the category of the voting conflicts law. It would not enur to special private gain. It is a carveout like if this was a private organization and she was a principal it would be a different conversation. The law treats it differently as not presenting a voting conflict. Mayor Williams confirmed that because they have not seen any financial records they just assume.

Attorney Garganese advised that Councilmember Warner has advised him that she is an uncompensated director. He takes that as her word and does the analysis based on what she presented to him.

Deputy Mayor Goins asked if this was approved and someone brings up the ethics question could the contract be null and void if there was an ethics violation.

In response, City Attorney Garganese stated that potentially when there is a voting conflict it is presented and if the person has a voting conflict and they voted anyway, the vote would not have prevailed. But for that person to vote potentially you could void the contract due to the improper vote of tone of the members.

Deputy Mayor Goins spoke of an issue that the City of Melbourne just went through regarding a voting conflict.

He wants this to pass but does not want this to be an issue down the line for BACRAP either.

Councilmember Warner advised that she did not want any issues either and in the Ethics opinion she was well within her rights to vote. She reiterated that she had made a motion and asked if anyone seconded her motion.

Councilmember Boisvert seconded the motion.

Mayor Williams called the question:

AYES: Goins, Boisvert, Koss

NAYS: Williams, Koss

THE MOTION CARRIED (3-2)

Deputy Mayor Goins asked if the extension was for the thirty days or one year.

City Manager Titkanich noted that the staff's recommendation was thirty days for the two houses and one year for the remaining four houses.

Deputy Mayor Goins clarified Councilmember Warner's motion.

She noted that her motion was to follow staff's recommendation to extend the agreement for thirty days on the completion of two homes currently under construction and for one year on the four remaining lots.

Deputy Mayor Goins asked if this would be revisited or if it would continue on for the rest of the year.

City Manager Titkanich stated that the agreement provides for an annual review.

7. Confirm the Mayor's Reappointment of Ms. Marian Jackson as a Regular member of the Housing Authority of the City of Cocoa through December 31, 2023. (19-624). (Administrative Services Director)

* **MOTION by Deputy Mayor Goins; Seconded by Councilmember Koss, to approve the Reappointment of Ms. Marian Jackson as a Regular member of the Housing Authority of the City of Cocoa through December 31, 2023.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

8. Consideration of a donation application for the Sister City's Sharing Space Together Program. (19-629). (Administrative Services Director)

Ms. Mardirosian provided a presentation[3] regarding the Sharing Space Together program.

She explained what this program entailed and explained that Israeli children would be coming to the states in order to attend the Kennedy Space Center's Space Camp, December 23-27, 2019. Tuition is $695 per student.

The last few months have been spent raising funds and local students have also been selected to attend.

Ms. Mardirosian invited Council to attend the Chanukah Music Festival, which will be held on December 22, 2019 at 4:30 pm at Riverfront Park. The kids will be introduced on stage at that event.

Councilmember Koss asked if any of the local kids were from Cocoa and in response, Ms. Mardirosian stated there was one and others from closely surrounding cities.

Councilmember Koss believes it is a wonderful program.

Councilmember Koss further voiced her concerns that each member of Council only has $750 and asked how Council felt about increasing next year's budget to $1,000 each. Further discussion was held on the donation budget.

Mayor Williams sponsored one student as well.

She clarified what this money would be used for and it was pointed out that it would be the one Cocoa student and some of their Israeli counterparts.

* **MOTION by Councilmember Boisvert; Seconded by Councilmember Koss, for discussion.**

Councilmember Koss asked if there was a consensus to increase the amount next year. Council agreed.

Councilmember Warner agreed to the $200.

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

[3] EXHIBIT C: Sister City Presentation: Sharing Space Together Program

9. Integra Binding Development Agreement

City Manager Titkanich recalled that Council approved a binding development agreement between the City and Integra Land Company for the development of Integra Luxury Apartments on SR 524. He explained what the agreement entailed and that staff and the Assistant City Attorney have been in discussion since the meeting and earlier today there was a teleconference with the developer. They are currently awaiting clarification from SJWMD related to the City modifying an existing conservation easement and what impact financially this would have on the City. Both parties have been in consultation with St. Johns and he pointed out what the agreement entailed. A letter and copy of the deed to the conservation easement was provided today.

Staff was requesting that Council provide an additional thirty days in order to provide time to revise the agreement accordingly. If they do not have an extension it could affect the closing.

City Manager Titkanich reiterated that if they wait until the next Council meeting on January 8, 2020, it could affect the closing and that they were requesting an additional thirty days in order provide time to iron out the issues to ensure that the development agreement was clear. The teleconference was held today, which is why the item was last minute. He further advised that this be opened up for public comment since it was initially a public hearing.

Mayor closed discussion to Council and opened to public for comments.

Mayor Williams asked that when a developer is coming to us and one of the boards give up something, it should not look like the City was always getting something out of the development. He does not want it to always seem like “we get this because we gave you this.”

City Manager Titkanich advised that the City provided variances which will increase the number of units and part of the component was with the conservation and trail head. If you build the trail head and no access you have a trail head to nowhere, so the public benefited.

He assured Council they are working with them and the engineer was supposed to provide a conceptual plan so that St. John’s could review it. A copy of the St. John’s letter was provided as well as a copy of the deed of the conservation easement.

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to approve a thirty-day extension.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

VIII. City Business:

1. Approve Resolution No. 2019-106 authorizing the execution of a Section 108 Contract for Loan Guarantee Assistance under Section 108 of the Housing and Community Development Act of 1974, as amended, pledging appropriate Non-Ad Valorem Revenues for payment of principal and interest, and authorizing the Mayor, City Manager, and City Attorney to execute the Contract, Note, and any related documents pertaining to the Section 108 Loan Guarantee Assistance. Approve Budget Resolution 2020- recognizing the $894,000 in debt proceeds that will be utilized to fund the Dr. Joe Lee Smith Community Center. (19-561). (Community Services Director)

Ms. Bunt noted that attached to this item was a draft contract which outlines the terms and conditions of the Section 108 loan.

* **MOTION by Deputy Mayor Goins; Seconded by Councilmember Koss, to approve the item.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

2. Award Bid #20-08-COC Cocoa Riverfront Park Promenade Improvements to the lowest most responsible and responsive bidder Canaveral Construction Co. for $958,709 as the lowest most responsible and responsive bidder and Authorize the City Manager to negotiate the related contract. Authorize the City Manager to issue a Purchase Order in the amount of $958,709 to Canaveral Construction Co. Approve a Resolution authorizing the City Manager to issue Change Orders up to $74,200 related to the Project Contingency. Approve BAF #20-018-A and a Budget Resolution Amending the FY20 Budget to re-budget the revenue for the previously awarded FIND Grants. (19-615). (Public Works Director)

Mr. Smith provided a brief timeline on this project and explained that the redesign was approved in May and then they went out to bid on November 1, 2019, which provided a tight timeline to come to Council with the item. Bids were reviewed on Thursday for completeness and costs, which was why the item was delayed.[4]

Tony Landry with Rush Marine, LLC, Titusville, mentioned that his intention was not to speak because earlier in the week the agenda stated that the most responsible and lowest bidder was Rush Marine. It has been changed and the

[4] Councilmember Warner left the meeting at 8:27 pm.

contract that was quoted on the document was not responsive and responsible. He was low, but not responsive and responsible. There were three documents not submitted, so they are asking their consideration to award the contract to Rush Marine.

Deputy Mayor Goins asked for comment on what he said.

Mr. Smith noted that staff reviewed all of the submittals with the city attorneys and that even with the documents that were left out by Canaveral, it was sufficient enough to award the contract to Canaveral.

Mr. Landry reiterated that the bid package states that you shall submit the items as part of the package. There were other contractors that were non-conforming because they did not submit or sign something, but this is a consideration to award a non-conforming contractor a contract, so Rush was asking for Council to do the right thing and award the contract to Rush Marine.

City Attorney Garganese noted that the bid documents also allow the City to waive minor irregularities regarding the bid, which is just a standard paragraph. It was his understanding that the irregularities were the non-submittal of documents which do not really go with the material aspect of the bid. In fact, some of the documents that were required to be submitted could not be submitted in final form, such as the final agreement and the final bond that is required under the law and bid requirements. Staff's review of it and minor irregularities waivers permitted, and his understanding was that yes, initially Rush was listed as the lowest and most responsive bidder in some of the draft agenda items but when staff took a closer look at the issue with his office it was deemed that the items that Canaveral Construction, who was the lowest financial bidder, and who did not submit those documents, it could be waived and viewed as a minor irregularity.

Deputy Mayor Goins asked if Rush challenged the bid award or if this was his first time hearing about this.

Mr. Landry stated he drove here tonight thinking that they were being awarded. In response, City Manager Titkanich stated that he believes that they were notified before. Mr. Landry stated they were not.

City Manager Titkanich advised that in accordance with the Financial Operations Manual there is a procedure that once a decision is made, a company would provide a notice that they are intending to protest within seventy-two (72) hours and within ten (10) days of filing the intent they would file a written protest to the purchasing manager. There would also be some requirements related to that in terms of posting a bond, etc.

Deputy Mayor Goins asked if there was an email or letter in the timeframe that he got sent the letter.

City Manager Titkanich explained that what Mr. Landry has is the short agenda. We try to get out the short agenda and the initial staff report as the City Attorney indicated did include Rush Marine and then after a lengthy discussion and a discussion with staff and the City Attorney's office, it was determined that the items that were not submitted were considered non-material to the overall bid package.

Mr. Landry submitted an email on Friday to purchasing requesting the status and in response, City Manager Titkanich stated it was still being discussed. Mr. Landry stated they realized that but they did not want to miss their window of opportunity. City Manager Titkanich stated their window of opportunity begins once they make a decision, so the windows not even open yet.

Mr. Landry stated that if the opportunity opens and they do choose to select Canaveral Construction, then Rush Marine will file a formal protest.

Deputy Mayor Goins clarified that the only way he could protest was if Council approves it now.

Attorney Garganese advised it was called a post award protest. He stated what the City Manager stated was correct in that the Financial Operations Manual requires that the protest be submitted in writing no later that seventy-two (72) hours after a final decision is made by the City Council. It can be submitted to the purchasing manager, if Council was to go with the lowest bidder than we can provide them with a copy of the City's policy so they can see the written procedure.

Mr. Landry again asked them to award the contract to Rush Marine, as they feel that is the correct thing to do.

Mayor Williams hears all of this and was wondering how we even got here.

Deputy Mayor Goins asked about the time sensitivity on this. City Manager Titkanich advised that this was a time sensitive project as it is supposed to be completed by June. We got the bids on Thursday at 3 p.m., staff reviewed, there were meetings on Friday regarding the bid as well as the financial component and what the CRA approved previously. Staff worked with the City Attorney's office over the weekend.

Mr. Landry felt that all of the documents are important, as they require them to sign the documents.

Assistant City Manager Fuhrer noted that in addition to the procedure outlined in the Financial Operations Manual, should a protest be submitted, the project is on hold until the issue is resolved.

City Manager Titkanich pointed out that this could jeopardize the City being reimbursed federal dollars.

Councilmember Koss asked for clarification on the bond, and in response, City Manager Titkanich explained why this was deemed not material to the bid submittal.

Mr. Landry advised that this particular contract had three missing items, and reiterated they asked for their consideration.

Deputy Mayor Goins felt that they needed more information. He will file a protest no matter what.

City Manager Titkanich felt they needed to make a decision because either will protest.

Mayor Williams stated that when there are guidelines they should be submitted. He understood Mr. Landry's frustration.

Ms. Bowman noted the forms are part of a list and the form is basically an acknowledgement that they know they have to complete forms if awarded bids. If it is awarded to Rush they would have to rewrite, because the budget was written specifically for the lowest bidder.

* **MOTION by Councilmember Boisvert to go with staff's recommendation. Deputy Mayor Goins seconded the motion for discussion.**

Deputy Mayor Goins asked which was legally binding. In response, Attorney Garganese stated that the City awards to the lowest and most responsive bidder. The City awards based on the RFP and/or RFQ that goes out on the street. The bidders submit bid packages and sometimes there are hiccups with paperwork submitted, but the City's bid package allows the City to waive minor irregularities. These are really not material to the bid amount.

His understanding was that there were three irregularities regarding the lowest bidder: in the bid documents there is a Form Agreement and Form Payment and Performance Bond and in the instructions you are supposed to submit them executed. The lowest bidder did not execute those and did not submit back in package when submitted to the City. They are form agreements and form bonds, they are not final. Regardless if they are signed you are going to have to sign again, as there could be changes to contract or changes to bond. Staff determined those two irregularities were minor in nature and should not go

against that bidder. The purpose of the bid process is to try to get the best deal for the City. The other irregularity was that under the bid documents, there is an "Instructions to Bidder". It requires you to submit the whole "Instructions of Bidder" back with your bid, executed because you are acknowledging your instructions. The lowest bidder submitted the signature page but not all of the pages of instructions.

Those are the three irregularities and under those circumstances staff was recommending going with the lowest bidder and waive those irregularities in the submittal so that the City can get the most competitive price that was submitted.

Mr. Smith confirmed that was correct.

Mayor Williams reiterated the motion.

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to go with staff's recommendation.**

AYES: Goins, Boisvert, Koss
NAYS: Williams

The Record reflects that Councilmember Warner was not present for the vote.

THE MOTION CARRIED (3-1)

Deputy Mayor Goins clarified the statement that was made that this was the lowest bidder only. Mr. Smith explained it is the lowest responsive and responsible bidder.

Mayor Williams did not like the fact that this person came here thinking he won the bid.

3. Approve the removal of an oak tree in the right-of-way adjacent to 4034 Pinyon Drive with a replacement oak tree to be planted at Bracco Pond. (19-632). (Community Services Director)

* **MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to to approve the item.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

5. Approve the removal of an oak tree in the right-of-way adjacent to 2340 W. Sherwood Circle with a replacement oak tree to be planted at Bracco Pond. (19-633). (Community Services Director)

*** MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to approve the item.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

6. Approve Ordinance No. 26-2019 regarding Local Vendor Preference on First Reading. (19-642). (Finance Director)

Attorney Garganese read Ordinance No. 26-2019 into the record by title only as follows and noted this was the first reading of the ordinance.

ORDINANCE NO. 26-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; AMENDING SECTION 2-4 OF THE CITY CODE TO ALLOW PREFERENCES FOR LOCAL VENDORS AS TO CITY PURCHASES; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, INCORPORATION INTO THE CODE, SEVERABILITY, AND AN EFFECTIVE DATE.

Attorney Garganese explained the background of this item and mentioned the changes that were included in this ordinance.

*** MOTION by Deputy Mayor Goins; Seconded by Councilmember Koss, to approve Ordinance No. 26-2019 on first reading.**

AYES: Williams, Goins, Boisvert, Koss, Warner

THE MOTION CARRIED UNANIMOUSLY (5-0)

Multi-Year Contracts:

None.

IX. Informational Agenda:

1. Cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2019 to 10/31/2019. (19-554). (Finance Director)

2. General and Police Pension Board Annual Reports for Informational purposes only. (19-630). (Administrative Services Director)

X. Reports:

Mr. Smith mentioned that a few bills would be coming up next year regarding railroad safety and he provided a brief overview of what might be changing.

Chief Cantaloupe mentioned the Toy Train this past weekend and Holiday in the Park. He thanked Ms. Debra Dukes for the work that they do every year with the Holiday in the Park event.

Lastly, he advised that the Toy Drive toys would be handed out soon.

Ms. Bunt reminded all to rsvp for the January 10, 2020 Annual Economic Development Update breakfast.

She mentioned the Planning & Zoning Board asked that the Council add a design- based code and would also like to have an Arbor Day Celebration at Bracco Pond. They would like to have the oaks replaced and would like the City to consider a tree bank program.

Assistant City Manager Fuhrer mentioned that on Monday, December 16, 2019 at 6:30 p.m. there would be a community based strategic planning session facilitated by UCF at Emma Jewel Charter Academy and on December 18, 2019 at 6:30 p.m. at Fire Station #1. This is the publics opportunity to participate and provide their input on what they would like to see in the future of the police department.

City Manager Titkanich wished all a Merry Christmas and happy holidays.

Mayor Williams apologized to Chief Cantaloupe for what was stated during delegations. He knows that the intent of the Police Advisory Committee was to resolve issues and concerns, not to bash the police department.

Mayor Williams announced that it had been a very busy couple of weeks. He spoke of his attendance at the FEC Toy Train, the Holiday in the Park, and the First Baptist Church of Cocoa’s Christmas program. It was a really nice event.

He mentioned mobile vendors and if there was any information on them that it be given to Council.

Mayor Williams further mentioned the Leon and Jewel Collins museum and that the ribbon cutting was three or four years ago. Also, nothing had been done with the community garden. The eagle scout who received a proclamation tonight

spent a lot of time on beautifying the garden and he felt it was embarrassing that nothing had been done with it. He further spoke about a lien forgiveness program for Code for some of the homes in compliance. He felt that needed to be moved on as well and that there was no reason why these liens should not be forgiven.

Lastly, he pointed out the signage for the December 16th and December 18th workshops. He noted that the way the meetings were described does not explain what the meetings were about.

He wished all a Merry Christmas.

Councilmember Boisvert wished all a Merry Christmas and happy New Year.

Deputy Mayor Goins asked about volunteer applications for things such as the community garden. There was someone that he knows who wanted to volunteer but the process to be screened was taking a long time.

Diamond Square CRA was the agency responsible for the garden and Ms. Bunt advised that there were requirements that must be met to volunteer through the Human Resources department. Deputy Mayor Goins asked if the same process applied for boy scouts and others who want to go out and fix things.

Deputy Mayor Goins would like this to be expedited as the volunteer was a teacher who would like to bring in students to help. Ms. Bunt assured him that she would look into it.

Deputy Mayor Goins apologized to Council for all of the events that he has missed. He coaches youth football and it has been very busy. They have a national championship game in Kissimmee this Friday.

He wished all a Merry Christmas and thanked everyone for listening. There are things that have to be discussed sometimes that they do not like, but it is their job.

Mayor Williams thanked the City Clerk's office for the Space Coast League of Cities Dinner and thanked Chef Kenya for the food and Jacobs for providing the donation. He further thanked Rob at Time Out for the donation of food for the Cocoa High School Chorus. He thanked the merchants in the Village who donated to the First Baptist Church of Cocoa as well.

Councilmember Koss thanked everyone for their condolences on the passing of her mother. She has been gone most of the last six weeks.

She mentioned that she and the Mayor were at Cocoa High School where Dr. Martinez was awarded the National Music Teacher of the Year award. It was a tear jerker and they found out last minute that representatives were coming from Washington D.C. They surprised her and it was great.

Mayor Williams added that it was not even a close race, as she had more nominations than they had ever seen.

Councilmember Koss stated that Dr. Martinez made Cocoa and the Space Coast proud. She wished all happy holidays.

XI. Adjournment:

*** MOTION by Councilmember Boisvert; Seconded by Deputy Mayor Goins, to adjourn the Regular meeting of December 11, 2020.**

AYES: Williams, Goins, Boisvert, Koss,

THE MOTION CARRIED UNANIMOUSLY (4-0)

The meeting adjourned at 9:08 p.m.

_____

Jake Williams, Jr., Mayor

ATTEST:

_____

Carie Shealy, MMC, City Clerk

Ordinance 24-2019

Annexation
Cape Canaveral Heights Properties Inc.

EXHIBIT A: Ordinance No. 24-2019
Annexation Cape Canaveral
Heights Properties, Inc. Presentation

Project Summary

Requested Action: Ordinance No. 24-2019 / 1st Reading: Annexing approximately 139.23 acres of real property located in unincorporated Brevard County (as shown in Exhibit “A”) into the City of Cocoa in accordance with Chapter 171 of the Florida Statutes and Appendix A, Article VI of the City of Cocoa Code.

Location Map



Project Summary

- Prior to commencing the annexation process, staff prepared an Annexation Report. The Annexation Report established that the subject area for this annexation met the requirements for annexation as outlined in Chapter 171 of the Florida Statutes.

- The Annexation Report was approved by City Council on October 9, 2019. A copy of the Annexation Report was transmitted to the Brevard County Board of County Commissioners on October 11, 2019 and signed for on October 15, 2019.

Project Summary

- The City will conduct annexations in accordance with Section 171.0413 (6), Florida Statutes. This section provides that consent of property owners representing at least 50% of the land area and at least 50% of the parcels to be annexed is required and will be obtained by the City prior to final adoption of the annexation ordinance.

- Related to this requirement, the City Council approved a Pre-Annexation Agreement with the applicant and accepted three Petitions of Annexation on November 13, 2019.

Project Summary Continued

- Staff notified property owners within the annexation area of the City's intent to annex their property along with the date and location of the two public hearings at which this item will be considered.

- Staff confirmed with the Brevard County Supervisor of Elections that no registered electors currently reside in the proposed annexation area. Pursuant to Florida Statutes, staff will verify that no registered electors reside in the proposed area on the date of the 2nd reading and adoption of the ordinance.

Project Summary Continued

Proposed Annexation Area:

- The proposed annexation area is generally located at the intersection of State Road 524 and State Road 520, and more specifically west of Adamson Road and north of State Roads 520 and 524.

- The proposed annexation comprises 59 parcels and ±139.23 acres of real property, of which 43 parcels (122.58 acres) are consenting and 16 parcels (16.65 acres) are non-consenting. This annexation is therefore consistent with the aforementioned requirements of the Florida Statutes.

Project Summary Continued

Current and Proposed Future Land Use and Zoning:

- City of Cocoa future land use designation and zoning classification have not been determined and are not required at this time. However, a preliminary land use analysis was performed during the preparation of the Annexation Report.

Adequate Public Facilities:

- The Annexation Report provided an analysis of facilities available to serve the annexation study area. The Report determined that the City of Cocoa has, and can provide, the necessary public facilities and services to serve the Annexation study area in the same manner as such services are provided within the rest of the City of Cocoa.

Project Summary Continued

Budgetary Impact:

- The future budgetary impact is difficult to fully assess due to the largely undeveloped nature of the land. The total taxable value for the proposed annexation area will be increased by future development, in this case with a proposed Planned Unit Development containing an unknown number of single-family residences and related community amenities.

Previous Action

Previous Action:

- City Council approved an Annexation Report entitled “Cape Canaveral Heights State Road 520 and State Road 524 Annexation Report” at its October 9, 2019 regular city council meeting.

- City Council approved a Pre-Annexation Agreement and accepted three (3) Irrevocable Petitions to Annex Real Property at it November 13, 2019 regular city council meeting.

Recommendation

Recommended Motion:

Ordinance No. 24-2019 / 1st Reading: Annexing approximately 139.23 acres of real property located in unincorporated Brevard County (as shown in Exhibit "A") into the City of Cocoa in accordance with Chapter 171 of the Florida Statutes and Appendix A, Article VI of the City of Cocoa Code.

Ordinance 25-2019

Zoning Text Amendment
Cocoa Waterfront Overlay District

EXHIBIT B: Ordinance No. 25-2019
Zoning Text Amendment Cocoa
Waterfront Overlay District Presentation

Project Summary

Applicant:
City of Cocoa

Requested Action: CONSIDERATION OF AN ORDINANCE of the City Council of the City of Cocoa, Brevard County, Florida, amending Appendix A Zoning, Article XI, Section 22 of the City Code to allow the Single-Story Commercial/Mixed-use building type on a certain property within the Waterfront Sub-district of the Cocoa Waterfront Overlay District and amending the maximum lot depth for lots eligible for the Single-Story Commercial building type.

Project Summary

The proposed amendment contains two (2) changes to the code:

1. The first would allow the Single-Story Commercial Mixed-use building type for the parcel located at 100 Delannoy Ave.

The “Single-Story Commercial/Mixed-Use" designation is described in the Regulating Plan as: "A building lot located and designed to accommodate single use office and retail.”

2. The second change would allow an increase in the maximum lot depth for the Single Story Commercial building type from 300 feet to 400 feet.

Location Map



Project Summary Continued

Need and justification for change:

- In May of 2013, the City Council adopted the Cocoa Waterfront Overlay District (CWOD).

- The CWOD assists in the implementation of the Cocoa Waterfront Master Plan which requires regulations by sub district that address design, scale and appearance of development within the Cocoa Redevelopment Area.

- The current owner of the subject property has requested that the City examine the rationale behind a prior change to the Regulating Plan and its applicability to his parcel.

- In response to this request, staff have reviewed the prior ordinance enacting the change and the reasons and analysis offered.

Project Summary Continued

- In 2016, the City amended the Regulating Plan of the CWOD to allow the Single Story Commercial building type on all parcels in the Cocoa Village Sub-district of the CWOD lying between eastbound SR520 and westbound SR520.

- The principle reason given for the change was that the existing development pattern consisted of numerous single story buildings and the existing prohibition of this building type was inconsistent with the surrounding built environment.

- The subject parcel was the only parcel located between eastbound SR520 and westbound SR520 lying between Florida Ave. and the Indian River that was not included in that action as the subject parcel is in a different sub-district of the CWOD.

Project Summary Continued

- The same physical constraints to development posed by the SR520 traffic lanes apply to this parcel as applied to the other parcels between the east and westbound traffic lanes

- In addition, the Cocoa Village historic character is largely influenced by the pedestrian scale of the older buildings, which are between one and three stories in height.

- To prohibit single story building height on the subject parcel is not consistent with the surrounding built environment.

- Furthermore, permitting single story commercial buildings on the property would allow the option of redevelopment of the parcel that would not impede views from westbound SR 520 into the historic Cocoa Village.

Project Summary Continued

- It should be noted that while the proposed change would allow a single story commercial building to be built on the subject property, the property could still be developed under the other building types presently allowed under the Regulating Plan, which include Apartment Building, Courtyard Apartment, Small Scale Commercial/Mixed Use, Medium Commercial/Mixed Use, Large Commercial/Mixed Use, and Institutional.

Project Summary Continued

Maximum Lot Depth:

- The second change to the CWOD would allow an increase in the maximum lot depth for the Single Story Commercial building type from 300 feet to 400 feet.

- This change stems from staff's analysis of the suitability of allowing the Single Story Commercial building type on the subject parcel.

- The parcel has a lot depth of 300 feet on the north property line and a lot depth of 410 feet on the south property line. The average lot depth for this parcel is roughly 370 feet.

Project Summary Continued

Relationship and consistency with Comprehensive Plan:

GOAL 1.1: Future Land Use Element Goal 1.1: Create and maintain a broad range of land use activities that maximize the City's potential as a growth center while protecting the public health, safety, welfare, and appearance through the thoughtful planned use and development of the land and public facilities.

Policy 1.1.1.1: The City shall continue to promote vitality and redevelopment of the three community redevelopment areas established pursuant to Chapter 163, Florida Statutes: Cocoa (Downtown) Redevelopment Area, Diamond Square Redevelopment Area and U.S. 1 Corridor Redevelopment Area.

Recommendation

Previous Action:

The Planning & Zoning Board recommenced approval of this item at its regular meeting on December 4, 2019.

Recommended Motion:

Ordinance No. 25-2019/ 1st Reading: Approval of a ZONING TEXT AMENDMENT consistent with Appendix A, Zoning, Article XXI, amending Appendix A, Article XI, Section 22 of the zoning ordinance of the City of Cocoa to allow the Single Story Commercial building type on a certain property within the Waterfront Sub-district of the Cocoa Waterfront Overlay District and amending the maximum lot depth from 300 feet to 400 feet for properties eligible for the Single Story Commercial building type.



LOCAL ACCESS

INTERNATIONAL OPPORTUNITY

EXHIBIT C: Sister City Presentation: Sharing Space Together Program

February 21, 2019: Kennedy Space Center



Israel's 1st spacecraft and the 1st ever privately funded moon mission.

Beresheet (In the Beginning)



SpaceIL- Israel Aerospace Industries



Space Fever In Israel


COCOA
COCOA BEACH
ORLANDO
Florida's
space coast
MIAMI

An Out-of-This-World Cultural Educational Opportunity

Sharing Space Together

Join us to support local and international students studying together for a bright future in space.



For details, please visit
www. sistercityprogram.org

December 23- 27

- 9 16-17 year- old students from Beit Shemesh
- 11 16-17 year-old students from Brevard and Central Florida

Tuition: $695.00

CAMP KSC® INTERNATIONAL 5-DAY PROGRAM



The People of Apollo







3 One-Hour Space History Classes





You're Invited!!

December 22
4:30 PM
Cocoa Riverfront Park

Sister City Program
COCOA, FLORIDA
BEIT SHEMESH, ISRAEL

Local Access
International Opportunity



Legislation Details (With Text)

File #:	20-73	**Version:**	1	**Name:**	
Type:	Awards/Presentations			**Status:**	Agenda Ready
File created:	1/28/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Proclamation: "Black History Month". (Mayor Williams)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Black History Month Proclamation 001.pdf				

Date	Ver.	Action By	Action	Result

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PROCLAMATION

WHEREAS, *during Black History Month, we celebrate the many achievements and contributions made by African-Americans to our economic, cultural, spiritual, and political development; and*

WHEREAS, *established by American historian Carter G. Woodson, the original celebration of Black History Week was observed on February 12, 1926. In 1976, as part of the nation's bicentennial, the week was expanded to a month; and*

WHEREAS, *the theme for Florida's 2020 Black History Month is* ***"African Americans and the Vote"****; as 2020 marks the centennial of the Nineteenth Amendment and the culmination of the women's suffrage movement. This year also marks the one hundred and fiftieth anniversary of the Fifteenth Amendment and the right of black men to the ballot after the Civil War; and*

WHEREAS, *Our country's and state's black leaders and Cocoa's own esteemed African American citizens of past and present continue to forage through these times, building our nation and improving our city making it a better place for all to live and thrive; and*

WHEREAS, *It is also important to remember those civil rights pioneers like Dr. Martin Luther King, Jr. and Rosa Parks, who broke down racial barriers and inspired our nation, as well as the Reverend C.K. Steele of Tallahassee, Harry and Harriette Moore of Brevard County, Reverend H.K. Matthews of Pensacola, and other leaders who worked to promote justice and equal rights for all Americans regardless of race; and*

WHEREAS, *as we celebrate Black History Month, we recognize the many contributions of African-Americans to our country and recommit to being a nation of opportunity and hope for every citizen.*

NOW, THEREFORE, *I, Mayor Jake Williams, Jr., on behalf of the City Council of the City of Cocoa, Florida, do hereby proclaim the month of February 2020 as:*

"Black History Month"

WHEREFORE, I have hereunto set my hand and caused the seal of the City of Cocoa to be affixed this 26th day of February, 2020.

CITY OF COCOA CORPORATE SEAL FLORIDA

_____

Mayor

ATTEST:

_____

City Clerk

Legislation Details (With Text)

File #:	20-74	**Version:**	1	**Name:**	
Type:	Awards/Presentations			**Status:**	Agenda Ready
File created:	1/28/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Proclamation: "2020 Census". (Mayor Williams)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	US Census.pdf				

Date	Ver.	Action By	Action	Result

powered by Legistar™

PROCLAMATION

WHEREAS, *the U.S. Census Bureau is required by Article I, Section 2 of the U.S. Constitution to conduct an accurate count of the population every ten years; and*

WHEREAS, *census data also helps determine how many seats each state will have in the U.S. House of Representatives and is used in the redistricting of state legislatures, county boards of supervisors and city councils; and*

WHEREAS, *the decennial census is a huge undertaking that requires cross-sector collaboration and partnership in order to achieve a complete and accurate count; and*

WHEREAS, *the U.S. Census Bureau is facing several challenges with the 2020 Census, which include declining response rates, technological change, and fiscal constraints, thus support from local government is critical; and*

WHEREAS, *the City of Cocoa in partnership with other local governments, the State, businesses, and community organizations, is committed to ensuring every resident is counted.*

NOW, THEREFORE, *I, Mayor Jake Williams, Jr., on behalf of the City Council of the City of Cocoa, Florida, do hereby recognize the importance of the 2020 Census and support participation in helping to ensure a complete, fair, and accurate count.*

WHEREFORE, *I have hereunto set my hand and caused the seal of the City of Cocoa to be affixed this 26th day of February, 2020.*

Mayor

ATTEST:

City Clerk

Legislation Details (With Text)

File #:	20-75	**Version:**	1	**Name:**	
Type:	Awards/Presentations			**Status:**	Agenda Ready
File created:	1/28/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Historic Cocoa Village Main Street Presentation--Short Year in Review. (Emma Kirkpatrick, HCVMS)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:					

Date	Ver.	Action By	Action	Result

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Legislation Details (With Text)

File #:	20-76	**Version:**	1	**Name:**	
Type:	Awards/Presentations			**Status:**	Agenda Ready
File created:	1/29/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Recognition of Mr. Robert Boyd, with Time Out Sports Bar and Grill in Cocoa Village. (Mayor Williams)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Boyd Letter.pdf				

Date	Ver.	Action By	Action	Result

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COCOA
FLORIDA

Office of the Mayor
65 Stone Street I Cocoa, FL 32922
Phone: (321) 433-8480 I Fax: (321) 433-8455

February 5, 2020

Time Out Sports Bar
ATTN: Robert Boyd
607 Florida Avenue
Cocoa, FL 32922

Dear Mr. Boyd,

On behalf of myself, the City Council, and staff of the City of Cocoa, we wanted to take this opportunity to thank you and your staff for the generosity that you bestowed upon us and the students of Cocoa High School Chorus during the Space Coast League of Cities Dinner in December. The time that was taken to ensure that these students had an enjoyable meal before their performance and the extra help that you supplied to City staff was phenomenal. Additionally, your continuous support of the Cocoa Police and Fire Department's is very much appreciated by all.

We truly appreciate people and businesses like yours in our community. Your kindness and generosity does not go unnoticed and it is truly appreciated.

We would like to invite you to our City Council Meeting being held on February 26, 2020, so that we can recognize you. The meeting begins at 6:00 p.m. and will be held in City Council Chambers, in Cocoa City Hall, 65 Stone Street, in Cocoa.

Sincerely,

Jake Williams, Jr.
Mayor
City of Cocoa

Legislation Details (With Text)

File #:	20-77	**Version:**	1	**Name:**	
Type:	Awards/Presentations			**Status:**	Agenda Ready
File created:	1/29/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Recognition of Mr. Rick Wynn for his participation in the Holiday Parade and presentation of "Santa" plaque from Brevard County Parks and Rec. (Mayor Williams)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Wynn Letter 001.pdf				

Date	Ver.	Action By	Action	Result

powered by Legistar™

COCOA
FLORIDA

Office of the Mayor
65 Stone Street I Cocoa, FL 32922
Phone: (321) 433-8480 I Fax: (321) 433-8455

February 5, 2020

Mr. Rick Wynn
102 Riverside Drive, Apt. 205
Cocoa, FL 32922

Dear Mr. Wynn,

On behalf of myself, the City Council, and staff of the City of Cocoa, we wanted to take this opportunity to thank you for playing "Santa Claus" in the City of Cocoa/Rockledge Christmas Parade on December 14, 2019. You truly out did yourself and the kids and community loved "Santa" as well.

We truly appreciate people like you in our community, who do not hesitate to step up and give of your time in order to make others happy. Your kindness and generosity does not go unnoticed and it is truly appreciated.

We would like to invite you to our City Council Meeting being held on February 26, 2020, so that we can recognize you. The meeting begins at 6:00 p.m. and will be held in City Council Chambers, in Cocoa City Hall, 65 Stone Street, in Cocoa.

Sincerely,

Jake Williams, Jr.
Mayor
City of Cocoa

Legislation Details (With Text)

File #:	20-103	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Consent Agenda
File created:	2/10/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve a Resolution Amending the FY2020 Budget, BAF#20-026-T, for the Purchase of a 2020 Ford F350 Cab & Chassis utilizing the Sourcewell (Formerly NJPA) Contract #2020-120716. (Public Works Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	2020 NJPA SOURCEWELL FLORIDA AWARD v2.pdf 2020 NJPA SOURCEWELL FLORIDA CERTIFICATE v2.pdf 2020 NJPA SOURCEWELL FLORIDA COVER PAGE v2.pdf 2020 NJPA SOURCEWELL FLORIDA FORD v2.pdf NJPA-COCOA, CITY OF-F3G_24469-1_Quote.pdf Budget Resolution FY 2020 AGENDA 20-103.docx BAF 20-045-PW-Streets Concrete Crew Truck (02-26-20) Agenda 20-103.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 10, 2020
Agenda Date: February 26, 2020
Prepared By: Tony Jones, Fleet Manager
Through: Bryant Smith III, P.E., CFM
Requested Action:
Approve a Resolution Amending the FY2020 Budget, BAF#20-026-T, for the Purchase of a 2020 Ford F350 Cab & Chassis utilizing the Sourcewell (Formerly NJPA) Contract #2020-120716..

BACKGROUND:

The Public Works Streets Division needs a Concrete Crew truck for a newly formed concrete crew. This crew will be conducting concrete sidewalk and curbing repair and maintenance as well as the installation of new sidewalks and curbing throughout the City of Cocoa. This crew does not have an adequate vehicle for this work. They will need a vehicle with the capability of hauling necessary equipment and materials to and from job sites. The Public Works Streets Division has enough funds in the 001-3510-541.46-00 Repairs and Maintenance for the purchase of the truck's Cab & Chassis. The utility body for the truck will be purchased separately through the normal purchasing procedures and installed on the Cab & Chassis by Cocoa Fleet staff.

The trucks cost is $28,922, and the utility body for the truck specs are not out yet but will be

purchased separately at approximately $7,000, and the funds needed are included in the $36,000 Budget Adjustment.

STRATEGIC PLAN CONNECTION:

NONE

BUDGETARY IMPACT:

Budgeted	No
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment # 20-026-T

Amount Requested: ($36,000)
Account Number: 001-3510-541.46-00
Account Name: Repair & Maintenance

Amount Requested: $36,000
Account Number:001-3510-541.64-00
Account Name: Machinery and Equipment

PREVIOUS ACTION:

NONE

RECOMMENDED MOTION:

Approve a Resolution Amending the FY2020 Budget, BAF#20-026-T, for the Purchase of a 2020 Ford F350 Cab & Chassis utilizing the Sourcewell (Formerly NJPA) Contract #2020-120716.

NOTICE OF AWARD TO 72 HOUR LLC, DBA NATIONAL AUTO FLEET GROUP
Request for Proposal #120716
VEHICLES, CARS, VANS, SUV'S, AND LIGHT TRUCKS WITH RELATED EQUIPMENT, ACCESSORIES AND SERVICES

January 16, 2017

72 Hour LLC, dba National Auto Fleet Group
490 Auto Center Drive
Watsonville, CA 95076

Dear Mr. Cooper:

Congratulations! You have been awarded an NJPA national contract for procurement of "Vehicles, Cars, Vans, SUV's, and Light Trucks with Related Equipment, Accessories and Services." Your proposal was accepted, deemed responsive, evaluated, and recommended for award by NJPA's Evaluation Committee as a solution to meet our members' needs. NJPA's Chief Procurement Officer and the Executive Director have approved a contract award to 72 Hour LLC, dba National Auto Fleet Group, and this award will be effective on the date stated in the Acceptance and Award document.

This award means that you are now an "NJPA Awarded Contract Vendor" and are part of a select group of world-class vendors. We have attached the NJPA Acceptance and Award. Please check to make sure that your organization's authorized representative has signed this document and has provided a fully executed copy to NJPA.

Mike Domin is your NJPA Contract Administrator and will be contacting you soon to discuss plans to make this contract a success for you and our members. Here is Mike's contact information.

Office Phone:	218-895-4148
Cell Phone:	218-838-4545
Email:	mike.domin@njpacoop.org

Sincerely,

Jonathan Yahn
Contracts and Compliance Manager

cc: Mike Domin

Mr. Chris Wilson
Alan Jay Automotive Network
441 US Hwy. 27 North
Sebring, FL 33871

Authorization # 7300 Renewed

Recitals: National Auto Fleet Group, a wholly owned subsidiary of Chevrolet of Watsonville was the successful bidder on the National Joint Powers Alliance bid number 120716 **"VEHICLES, CARS, VANS, SUV'S AND LIGHT TRUCKS WITH RELATED ACCESSORIES".**

The subsequent contract resulting from bid number **120716 does not expire until January 17, 2021**. In an effort to provide passenger cars, light duty medium duty and heavy duty trucks with accessories, National Auto Fleet Group elected to create **Alan Jay Automotive Management, Inc.** an **APPROVED ASSOCIATE DEALER.**

Your proposal offering is hereby accepted and is awarded for Alan Jay Chevrolet Cadillac, Inc. d/b/a Alan Jay Chevrolet Buick GMC Cadillac, Alan Jay Ford Lincoln Mercury, Inc. d/b/a Alan Jay Ford Lincoln, Alan Jay Import Center Inc. d/b/a Alan Jay Toyota, Alan Jay Enterprises of Wauchula, Inc., d/b/a Alan Jay Chrysler Dodge Jeep of Wauchula d/b/a Alan Jay Chevrolet of Wauchula, Alan Jay Ford of Wauchula, Inc., Alan Jay Chrysler Jeep, Inc. d/b/a Alan Jay Kia, Tropical Chevrolet, Inc. As an ASSOCIATE DEALER, you are now bound to terms and conditions of the ASSOCIATE DEALER AGREEMENT.

National Auto Fleet Group has selected **Alan Jay Automotive Management, Inc.** to conduct business within the states of **Florida, Alabama, Georgia, North Carolina, and South Carolina** to sell service and deliver Passenger Cars, Light, Medium & Heavy Duty Trucks under our national contract 120716, to any city or county, political sub-division.

VALID FROM 1-17-2016 THROUGH 1/17/2021

ALAN JAY AUTOMOTIVE NETWORK

X _____

Chris Wilson, Fleet Sales Manager
441 US Hwy. 27 North
Sebring, FL 33870

NATIONAL AUTO FLEET GROUP

X _____

Jesse Cooper, National Manager
490 Auto Center Drive
Watsonville, CA 95076

Sourcewell
Formerly NJPA

Awarded Contract

National Auto Fleet Group
A Division of Chevrolet of Watsonville

2020 Model Year Florida Price Schedule

CONTRACT # 120716-NAF



5330 US HWY 27 SOUTH, SEBRING FL 33870

863-402-4234

CHRIS.WILSON@ALANJAY.COM SCOTT.WILSON@ALANJAY.COM

CHRISTY.SELF@ALANJAY.COM

Form C

EXCEPTIONS TO PROPOSAL, TERMS, CONDITIONS, AND SOLUTIONS REQUEST

Company Name: 72 Hoot LLC, DBA National Auto Fleet Group

Any exceptions to the terms, conditions, specifications, or proposal forms contained in this RFP must be noted in writing and included with the Proposer's response. The Proposer acknowledges that the exceptions listed may or may not be accepted by NJPA or included in the final contract. NJPA will make reasonable efforts to accommodate the listed exceptions and may clarify the exceptions in the appropriate section below.

Section/page	Term, Condition, or Specification	Exception	NJPA ACCEPTS
N/A		None taken	

Proposer's Signature: _____ **Date:** 12-5-16

NJPA's clarification on exceptions listed above:

LEGAL 12/9/16

Contract Award
RFP #120716

FORM D

Formal Offering of Proposal
(To be completed only by the Proposer)

VEHICLES, CARS, VANS, SUVs, AND LIGHT TRUCKS WITH RELATED EQUIPMENT, ACCESSORIES, AND SERVICES

In compliance with the Request for Proposal (RFP) for VEHICLES, CARS, VANS, SUVs, AND LIGHT TRUCKS WITH RELATED EQUIPMENT, ACCESSORIES, AND SERVICES, the undersigned warrants that the Proposer has examined this RFP and, being familiar with all of the instructions, terms and conditions, general and technical specifications, sales and service expectations, and any special terms, agrees to furnish the defined products and related services in full compliance with all terms and conditions of this RFP, any applicable amendments of this RFP, and all Proposer's response documentation. The Proposer further understands that it accepts the full responsibility as the sole source of solutions proposed in this RFP response and that the Proposer accepts responsibility for any subcontractors used to fulfill this proposal.

Company Name: 72 Hoch LLC, DBA National Auto Fleet Group Date: 12-5-16

Company Address: 490 Auto Center Drive

City: Watsonville State: CA Zip: 95076

Contact Person: Jesse Cooper Title: fleet manager

Authorized Signature: _____ Jesse Cooper
(Name printed or typed)

FORM E
CONTRACT ACCEPTANCE AND AWARD

(Top portion of this form will be completed by NJPA if the vendor is awarded a contract. The vendor should complete the vendor authorized signatures as part of the RFP response.)

NJPA Contract #: 120716-NAF

Proposer's full legal name: 72 Hour LLC, dba National Auto Fleet Group

Based on NJPA's evaluation of your proposal, you have been awarded a contract. As an awarded vendor, you agree to provide the products and services contained in your proposal and to meet all of the terms and conditions set forth in this RFP, in any amendments to this RFP, and in any exceptions that are accepted by NJPA.

The effective date of the Contract will be January 17, 2017 and will expire on January 17, 2021 (no later than the later of four years from the expiration date of the currently awarded contract or four years from the date that the NJPA Chief Procurement Officer awards the Contract). This Contract may be extended for a fifth year at NJPA's discretion.

NJPA Authorized Signatures:

NJPA DIRECTOR OF COOPERATIVE CONTRACTS AND PROCUREMENT/CPO SIGNATURE

Jeremy Schwartz
(NAME PRINTED OR TYPED)

NJPA EXECUTIVE DIRECTOR/CEO SIGNATURE

Chad Coauette
(NAME PRINTED OR TYPED)

Awarded on January 16, 2017

NJPA Contract # 120716-NAF

Vendor Authorized Signatures:

The Vendor hereby accepts this Contract award, including all accepted exceptions and amendments.

Vendor Name 72 Hour LLC, National Auto Fleet Group

Authorized Signatory's Title Fleet Manager

VENDOR AUTHORIZED SIGNATURE

Jesse Coolet
(NAME PRINTED OR TYPED)

Executed on 1-16, 2017

NJPA Contract # 120716-NAF

Form F

PROPOSER ASSURANCE OF COMPLIANCE

Proposal Affidavit Signature Page

PROPOSER'S AFFIDAVIT

The undersigned, authorized representative of the entity submitting the foregoing proposal (the "Proposer"), swears that the following statements are true to the best of his or her knowledge.

1. The Proposer is submitting its proposal under its true and correct name, the Proposer has been properly originated and legally exists in good standing in its state of residence, the Proposer possesses, or will possess before delivering any products and related services, all applicable licenses necessary for such delivery to NJPA members agencies. The undersigned affirms that he or she is authorized to act on behalf of, and to legally bind the Proposer to the terms in this Contract.

2. The Proposer, or any person representing the Proposer, has not directly or indirectly entered into any agreement or arrangement with any other vendor or supplier, any official or employee of NJPA, or any person, firm, or corporation under contract with NJPA, in an effort to influence the pricing, terms, or conditions relating to this RFP in any way that adversely affects the free and open competition for a Contract award under this RFP.

3. The Proposer has examined and understands the terms, conditions, scope, contract opportunity, specifications request, and other documents in this solicitation and affirms that any and all exceptions have been noted in writing and have been included with the Proposer's RFP response.

4. The Proposer will, if awarded a Contract, provide to NJPA Members the /products and services in accordance with the terms, conditions, and scope of this RFP, with the Proposer-offered specifications, and with the other documents in this solicitation.

5. The Proposer agrees to deliver products and services through valid contracts, purchase orders, or means that are acceptable to NJPA Members. Unless otherwise agreed to, the Proposer must provide only new and first-quality products and related services to NJPA Members under an awarded Contract.

6. The Proposer will comply with all applicable provisions of federal, state, and local laws, regulations, rules, and orders.

7. The Proposer understands that NJPA will reject RFP proposals that are marked "confidential" (or "nonpublic," etc.), either substantially or in their entirety. Under Minnesota Statute §13.591, Subd. 4, all proposals are considered nonpublic data until the evaluation is complete and a Contract is awarded. At that point, proposals generally become public data. Minnesota Statute §13.37 permits only certain narrowly defined data to be considered a "trade secret," and thus nonpublic data under Minnesota's Data Practices Act.

8. The Proposer understands that it is the Proposer's duty to protect information that it considers nonpublic, and it agrees to defend and indemnify NJPA for reasonable measures that NJPA takes to uphold such a data designation.

[The rest of this page has been left intentionally blank. Signature page below]

By signing below, Proposer is acknowledging that he or she has read, understands, and agrees to comply with the terms and conditions specified above.

Company Name: 72 Hock LLC, DBA National Auto Fleet Group

Address: 490 Auto Center Drive

City/State/Zip: Watsonville, CA 95076

Telephone Number: 855-789-6572

E-mail Address: JCooper@nationalautofleetgroup.com

Authorized Signature: [signature]

Authorized Name (printed): Jesse Cooper

Title: Fleet Manager

Date: 12-2-16

Notarized

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

Subscribed and sworn to before me this 2 day of December, 20 16

Notary Public in and for the County of Los Angeles State of California

My commission expires: July 30, 2019

Signature: [signature]

SUNG SOO KIM
COMM. # 2121384
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
MY COMM. EXP. JULY 30, 2019

Form P

PROPOSER QUESTIONNAIRE

Payment Terms, Warranty, Products and Services, Pricing and Delivery, and Industry-Specific Questions

Proposer Name: National Auto Fleet Group

Questionnaire completed by: Jesse Cooper

Payment Terms and Financing Options

1) What are your payment terms (e.g., net 10, net 30)?

Net 30

2) Do you provide leasing or financing options, especially those options that schools and governmental entities may need to use in order to make certain acquisitions?

Absolutely. We provide both municipal financing and municipal leasing available to all NJPA members in every state. We use National Cooperative Leasing, Diversified Leasing and NAFG Provided leasing options to all NJPA Members.

3) Briefly describe your proposed order process. Please include enough detail to support your ability to report quarterly sales to NJPA. For example, indicate whether your dealer network is included in your response and whether each dealer (or some other entity) will process the NJPA Members' purchase orders.

There are two methods. One is the electronic ordering process, where the member logs into our website located at www.nationalautofleetgroup.com, builds their desired vehicle to their specifications, and then electronically sends us a purchase order. The vehicle is delivered directly to the user's specified end-user address, then we FedEx the customer all the appropriate documentations.

The other method, should the customer not be comfortable with internet ot the use of our website, is where the member cals our toll-free number at 1-855-289-6572 and is greeted by one of our sales associates, who then creates a quotation based on the customer's needs and either emails, faxes, or physically mails ir to the customer. The customer then sends us a purchase order. We then process the purchase order and deliver the vehicle to the customer's specified location.

We have reported directly to NJPA for the last 22 consecutive quarters.

4) Do you accept the P-card procurement and payment process? If so, is there any additional cost to NJPA Members for using this process?

Yes, we do accept the P-card procurement and payment process, and there is no additional cost for using it.

Warranty

5) Describe in detail your manufacturer warranty program, including conditions and requirements to qualify, claims procedure, and overall structure. You may include in your response a copy of your warranties, but at a minimum please also answer the following questions.

- Do your warranties cover all products, parts, and labor?
- Do your warranties impose usage restrictions or other limitations that adversely affect coverage?
- Do your warranties cover the expense of technicians' travel time and mileage to perform warranty repairs?
- Are there any geographic regions of the United States for which you cannot provide a certified technician to perform warranty repairs? How will NJPA Members in these regions be provided service for warranty repair?
- Will you cover warranty service for items made by other manufacturers that are part of your proposal, or are these warranties issues typically passed on to the original equipment manufacturer?
- What are your proposed exchange and return programs and policies?

The manufacturer's warranties are all written between the manufacturer and the NJPA member. Therefore, should a warranty repair be required, the member merely neds to take the vehicle to the closest manufacturer franchise (i.e. Ford, Toyota etc.) If the vehicle is not drivable, the customer can notify us through our toll-free number at 1-855-289-6572 and we will have it towed to the nearest facility. All this is done at no cost to the member. There are no conditions to qualify. Any new vehicle qualifies. The manufacturer's warranty does include labor and parts. Other than abuse, there are no restrictions or limitations that affect coverage. All warranty repairs are done in the manufacturer's facilities, this there is no travel time for technicians. Warranty repairs are al performed in all 50 states, regardless of location. Any after-market accessories installed under our contract are covered by the written warranty for both parts and labor for the after-market installer, who provided them. There is no return policy. If a vehicle is no longer needed by the member, a 25% restocking charge can be imposed.

6) Describe any service contract options for the items included in your proposal.

We offer a multitude of service contracts and extended warranties, running all the way up to 250,000 miles. The cost, term, and coverage are determined by the mileage and term. Contact us directly for a quote.

Pricing, Delivery, Audits, and Administrative Fee

7) Provide a general narrative description of the equipment/products and related services you are offering in your proposal.

All of our pricing, by manufacturer, is listed in the attached books 1-18, outlined in our price summary along with our after market equipment categories.

8) Describe your pricing model (e.g., line-item discounts or product-category discounts). Provide detailed pricing data (including standard or list pricing and the NJPA discounted price) on all of the items that you want NJPA to consider as part of your RFP response. Provide a SKU for each item in your proposal. (Keep in mind that reasonable price and product adjustments can be made during the term of an awarded Contract. See the body of the RFP and the Price and Product Change Request Form for more detail.)

Utilizing a Percentage Off MSRP / LIST method, NAFG can offer NJPA members discounts ranging from 25.86% down to 1% across the 15 manufacturers depending on model. Please

see Tab 2 as well as Attachment Book 2-18 for "Pricing." We detail the addition of All Factory Options and After Market Equipment.

9) Please quantify the discount range presented in this response. For example, indicate that the pricing in your response represents is a 50% percent discount from the MSRP or your published list.

The percentage will vary on the very same product from state to state as the discount structure passed onto us by the manufacturers can vary from state to state. Therefore, we have included in the 18 attachment A's / Books the exact manufacturer's list price and our price side by side. This fixed pricing makes it easy to do price validations. In addition, all factory installed options can be added at factory invoice + 3% and all after-market accessories are offered at the up fitter's municipal pricing level which varies from 1-30% off of retail prices.

All of our pricing is based on 2017 year model. Any subsequent year model in the contract will be a maximum of 3% more + any required governmental, safety, emissions requirement as mandated by the federal or Canadian government.

10) The pricing offered in this proposal is

____ a. the same as the Proposer typically offers to an individual municipality, university, or school district.
____ b. the same as the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.
____ c. better than the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.
_x_ d. other than what the Proposer typically offers (please describe).

Our bid price is the most competitive price on the marketplace. It is far lower than any individual or other cooperatives have available to them. We leverage our entire company-wide purchasing power to the benefit to the NJPA member. Last year alone, company-wide, we delivered over 34,000 vehicles, which is the driving force that allows us to obtain deep discounts from all original equipment manufacturers and deliver the savings to the NJPA member. We don't think any other vendor can do that.

11) Describe any quantity or volume discounts or rebate programs that you offer.

They are all included in our bid price.

12) Propose a method of facilitating "sourced" products or related services, which may be referred to as "open market" items or "nonstandard options". For example, you may supply such items "at cost" or "at cost plus a percentage," or you may supply a quote for each such request.

Included in our bid are the base prices for all vehicles. Factory options can be added at +10%. All sourced goods are offered at the up fitter's municipal pricing level which varies from 1-30% off of retail prices.

13) Identify any total cost of acquisition costs that are **NOT** included in the pricing submitted with your response. This cost includes all additional charges that are not directly identified as freight or shipping charges. For example, list costs for items like installation, set up, mandatory training, or initial inspection. Identify any parties that impose such costs and their relationship to the Proposer.

There are no hidden or undisclosed costs in our proposal. All costs are legitimate and fully disclosed to the NJPA member.

14) If delivery or shipping is an additional cost to the NJPA Member, describe in detail the complete shipping and delivery program.

There is no additional cost. All shipping is included in the original quote to the member.

15) Specifically describe those shipping and delivery programs for Alaska, Hawaii, Canada, or any offshore delivery.

Shipping to Alaska or Hawaii can be one of two ways. Either from the assembly point directly to the franchise dealer in Alaska or Hawaii, or if the NJPA member requires a lower 48 state specialized body installation, then freight is calculated from the Port of Long Beach, Port of Los Angeles, or the Port of Seattle, Washington. It is included in the original NJPA member quote.

16) Describe any unique distribution and/or delivery methods or options offered in your proposal.

To us, these are not unique. We have been doing this for years, and we continue to do this every day. Our competitors do not have that advantage.

17) Please specifically describe any self-audit process or program that you plan to employ to verify compliance with your proposed Contract with NJPA. This process includes ensuring that NJPA Members obtain the proper pricing, that the Vendor reports all sales under the Contract each quarter, and that the Vendor remits the proper administrative fee to NJPA.

We have an in-house financial administrator who monitors that on a daily basis. In addition, we bring in twice a year, Polmaris and Associates (an independent certified public accountant from Sacramento, California) to review all payments and disbursements.

18) Identify a proposed administrative fee that you will pay to NJPA for facilitating, managing, and promoting the NJPA Contract in the event that you are awarded a Contract. This fee is typically calculated as a percentage of Vendor's sales under the Contract or as a per-unit fee; it is not a line-item addition to the Member's cost of goods. (See RFP Section 6.29 and following for details.)

1) 1% of the unit price is up to $700.00 other than "related equipment" pass through items
2) Total amount in any 12-month period will not exceed $4,500,000.00 in Administration Fees
3) NAFG reserves the right to waive all or in part the Admin Fee when faced with a large county of State competition and or faced with unusable circumstances.

Industry-Specific Questions

19) Identify any features in your response that are different from your standard vehicle offering or that are unique to your proposal.

Our proposal is unique primarily in the fact that we are the only ones that have the order to deliver online system available exclusively for your members. None of the other bids you are reviewing today can state that.

20) Demonstrate your processes to handle vehicles on order with NJPA members that are subject to a recall or that have open service campaigns.

Our staff keeps a running list of open recalls by manufacturer. We cross check it on a weekly basis to try and ensure that none of your members receive a vehicle with an open our outstanding recall or campaign.

21) Demonstrate your NJPA member communication processes from P.O. generation to the delivery of vehicle in order to meet member expectations.

After the PO is issued to NAFG we send our client an order confirmation with an estimated time of arrival for the purchase. We give members the option of how frequently they would like updates on their vehicles, as well as communicating any complications along the way. Our staff communicates through any form that customers feel comfortable with, whether it is faxes, calls, or emails. When the vehicle is ready to be delivered, we give the customers advance notice to ensure they are ready to receive the vehicle. All vehicle paperwork documents are sent out via UPS, and tracking numbers are provided to the client.

Signature:  Date: 12-6-16

ALAN JAY FLEET SALES

(863)402-4234

chris.wilson@alanjay.com scott.wilson@alanjay.com christy.self@alanjay.com

Sourcewell Formerly NJPA

Awarded Contract

ROW	YEAR	MODEL CODE	MODEL DESCRIPTION	MSRP	FL CONTRACT PRICE	(EOD) Early order discount, prior to 11/1/19
1	2020	K8A	2020 FORD POLICE INTERCEPTOR UTILITY - AWD - 3.3L V6 (K8A)	$ 37,085	$32,491	0.00
2	2020	K8A	2020 FORD POLICE INTERCEPTOR UTILITY - AWD - 3.3L V6 HYBRID (K8A)	$ 40,615	$35,041	0.00
3	2020	K8A	2020 FORD POLICE INTERCEPTOR UTILITY - AWD - 3.0L EcoBoost (K8A)	$ 41,405	$36,417	0.00
4	2020	P0A	2020 FORD POLICE RESPONDER HYBRID SEDAN (P0A)	$ 30,145	$26,329	0.00
5	2020	P0W	2020 FORD SPECIAL SERVICE PLUG-IN HYBRID SEDAN (P0W)	$ 35,730	$31,639	0.00
6	2020	W1P	2020 FORD F-150 POLICE RESPONDER CREW CAB 4WD XL (W1P)	$ 43,515	$33,182	0.00
7	2020	K3G	2020 FORD EDGE SE 2WD (K3G)	$ 31,100	$27,419	0.00
8	2020	K3J	2020 FORD EDGE SEL 2WD (K3J)	$ 34,355	$30,074	0.00
9	2020	K4G	2020 FORD EDGE SE 4WD (K4G)	$ 33,095	$29,263	0.00
10	2020	K4J	2020 FORD EDGE SEL 4WD (K4J)	$ 36,350	$31,897	0.00
11	2020	P0G	2020 FORD FUSION S (P0G)	$ 23,170	$17,996	0.00
12	2020	P0H	2020 FORD FUSION SE (P0H)	$ 24,500	$19,268	0.00
13	2020	P0L	2020 FORD FUSION SE HYBRID (P0L)	$ 28,000	$24,285	0.00
14	2020	P0M	2020 FORD FUSION SEL HYBRID (P0M)	$ 31,630	$27,566	0.00
15	2020	P0T	2020 FORD FUSION SE - AWD - (P0T)	$ 27,885	$23,047	0.00
16	2020	P0P	2020 FORD FUSION SEL PHEV ****COMING SOON**** (P0P)		TBA	0.00
17	2020	P8T	2020 FORD MUSTANG 2.3L ECOBOOST (P8T)	$ 26,670	$26,352	0.00
18	2020	P8C	2020 FORD MUSTANG GT 5.0L V8 FASTBACK (P8C)	$ 35,630	$34,175	0.00
19	2020	U0F	2020 FORD ESCAPE S 2WD (U0F)	$ 24,885	$20,953	0.00
20	2020	U0G	2020 FORD ESCAPE SE 2WD (U0G)	$ 27,095	$24,261	0.00
21	2020	U0B	2020 FORD ESCAPE SE FHEV 2WD (U0B)	$ 28,255	$25,321	0.00
22	2020	U0C	2020 FORD ESCAPE SEL FHEV 2WD ****COMING SOON**** (U0C)		TBA	0.00
23	2020	U0E	2020 FORD ESCAPE SE PHEV 2WD ****COMING SOON**** (U0E)		TBA	0.00
24	2020	U0K	2020 FORD ESCAPE SEL PHEV 2WD ****COMING SOON**** (U0K)		TBA	0.00
25	2020	U9F	2020 FORD ESCAPE S - AWD - (U9F)	$ 26,385	$23,883	0.00
26	2020	U9G	2020 FORD ESCAPE SE - AWD - (U9G)	$ 28,595	$24,396	0.00
27	2020	U9B	2020 FORD ESCAPE SE FHEV - AWD - (U9B)	$ 29,755	$26,384	0.00
28	2020	U9C	2020 FORD ESCAPE SEL FHEV - AWD -****COMING SOON**** (U9C)		TBA	0.00
29	2020	K7B	2020 FORD EXPLORER BASE 2WD 2.3L EcoBoost - RWD - (K7B)	$ 32,765	$27,516	0.00
30	2020	K7D	2020 FORD EXPLORER XLT 2WD 2.3L EcoBoost - RWD - (K7D)	$ 36,675	$31,782	0.00
31	2020	K7F 300A	2020 FORD EXPLORER LIMITED 2WD 2.3L EcoBoost - RWD - (K7F 300A)	$ 48,130	$42,253	0.00
32	2020	K7F 310A	2020 FORD EXPLORER LIMITED 2WD 3.3L V6 - HYBRID - (K7F 310A)	$ 52,280	$46,047	0.00
33	2020	K8B	2020 FORD EXPLORER BASE 4WD 2.3L EcoBoost - RWD - (K8B)	$ 34,765	$29,365	0.00
34	2020	K8D	2020 FORD EXPLORER XLT 4WD 2.3L EcoBoost - RWD - (K8D)	$ 38,675	$33,611	0.00

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35	2020	K8F 300A	2020 FORD EXPLORER LIMITED 4WD 2.3L EcoBoost - RWD - (K8F 300A)	$ 50,130	$44,082	0.00
36	2020	K8F 310A	2020 FORD EXPLORER LIMITED 4WD 3.3L V6 - HYBRID - (K8F 310A)	$ 54,475	$48,054	0.00
37	2020	U1F	2020 FORD EXPEDITION XL 119" WB (U1F)	$ 48,990	$37,587	0.00
38	2020	U1F	2020 FORD EXPEDITION XL 119" WB SSV (U1F)	$ 46,910	$35,696	0.00
39	2020	U1H	2020 FORD EXPEDITION XLT 119" WB (U1H)	$ 52,810	$44,581	0.00
40	2020	U1G	2020 FORD EXPEDITION XL 4WD 119" WB (U1G)	$ 51,990	$40,329	0.00
41	2020	U1G	2020 FORD EXPEDITION XL 4WD 119" WB SSV (U1G)	$ 49,910	$38,438	0.00
42	2020	U1J	2020 FORD EXPEDITION XLT 4WD 119" WB (U1J)	$ 55,820	$47,332	0.00
43	2020	K1F	2020 FORD EXPEDITION MAX XL 131" WB (K1F)	$ 53,025	$41,276	0.00
44	2020	K1F	2020 FORD EXPEDITION MAX XL 131" WB SSV (K1F)	$ 49,770	$38,317	0.00
45	2020	K1H	2020 FORD EXPEDITION MAX XLT 131" WB (K1H)	$ 55,835	$47,346	0.00
46	2020	K1G	2020 FORD EXPEDITION MAX XL 4WD 131" WB (K1G)	$ 56,035	$44,027	0.00
47	2020	K1G	2020 FORD EXPEDITION MAX XL 4WD 131" WB SSV (K1G)	$ 52,780	$41,069	0.00
48	2020	K1J	2020 FORD EXPEDITION MAX XLT 4WD 131" WB (K1J)	$ 58,845	$50,098	0.00
49	2020	S6E	2020 FORD TRANSIT CONNECT CARGO XL 104.8"-SWB WITH REAR SYM DOORS (S6E)	$ 24,275	$22,301	0.00
50	2020	E6E	2020 FORD TRANSIT CONNECT CARGO XL 104.8"-SWB WITH REAR LIFT GATE (E6E)	$ 24,275	$22,301	0.00
51	2020	S6F	2020 FORD TRANSIT CONNECT CARGO XLT 104.8"-SWB WITH REAR SYM DOORS (S6F)	$ 26,700	$24,519	0.00
52	2020	E6F	2020 FORD TRANSIT CONNECT CARGO XLT 104.8"-SWB WITH REAR LIFT GATE (E6F)	$ 26,700	$24,519	0.00
53	2020	S7E	2020 FORD TRANSIT CONNECT CARGO XL 120.6"-LWB WITH REAR SYM DOORS (S7E)	$ 25,275	$23,216	0.00
54	2020	E7E	2020 FORD TRANSIT CONNECT CARGO XL 120.6"-LWB WITH REAR LIFT GATE (E7E)	$ 25,275	$23,216	0.00
55	2020	S7F	2020 FORD TRANSIT CONNECT CARGO XLT 120.6"-LWB WITH REAR SYM DOORS (S7F)	$ 27,700	$25,432	0.00
56	2020	E7F	2020 FORD TRANSIT CONNECT CARGO XLT 120.6"-LWB WITH REAR LIFT GATE (E7F)	$ 27,700	$25,432	0.00
57	2020	S9E	2020 FORD TRANSIT CONNECT WAGON XL 120.6"-LWB WITH SYM DOORS (S9E)	$ 27,020	$24,810	0.00
58	2020	E9E	2020 FORD TRANSIT CONNECT WAGON XL 120.6"-LWB WITH REAR LIFT GATE (E9E)	$ 27,020	$24,810	0.00
59	2020	S9F	2020 FORD TRANSIT CONNECT WAGON XLT 120.6"-LWB WITH SYM DOORS (S9F)	$ 29,135	$26,745	0.00
60	2020	E9F	2020 FORD TRANSIT CONNECT WAGON XLT 120.6"-LWB WITH REAR LIFT GATE (E9F)	$ 29,135	$26,745	0.00
61	2020	E1Y 101A 130	2020 FORD TRANSIT T-150 CARGO VAN LOW ROOF 130"WB WITH 8670 GVWR - RWD - (E1Y 101A 130)	$ 34,510	$24,410	0.00
62	2020	E1Y 101A 148	2020 FORD TRANSIT T-150 CARGO VAN LOW ROOF 148"WB WITH 8670 GVWR - RWD - (E1Y 101A 148)	$ 35,785	$25,562	0.00
63	2020	R1Y 101A 130	2020 FORD TRANSIT T-250 CARGO VAN LOW ROOF 130"WB WITH 9070 GVWR - RWD - (R1Y 101A 130)	$ 35,460	$25,268	0.00
64	2020	R1Y 101A 148	2020 FORD TRANSIT T-250 CARGO VAN LOW ROOF 148"WB WITH 9070 GVWR - RWD - (R1Y 101A 148)	$ 36,735	$26,421	0.00
65	2020	W1Y 101A 130	2020 FORD TRANSIT T-350 CARGO VAN LOW ROOF 130"WB WITH 9500 GVWR - RWD - (W1Y 101A 130)	$ 36,710	$26,398	0.00
66	2020	W1Y 101A 148	2020 FORD TRANSIT T-350 CARGO VAN LOW ROOF 148"WB WITH 9500 GVWR - RWD - (W1Y 101A 148)	$ 37,985	$27,550	0.00
67	2020	E1Z 201A 130	2020 FORD TRANSIT T-150 CARGO CREW VAN LOW ROOF 130"WB WITH 8670 GVWR - RWD - (E1Z 201A 130)	$ 36,720	$26,407	0.00
68	2020	E1Z 201A 148	2020 FORD TRANSIT T-150 CARGO CREW VAN LOW ROOF 148"WB WITH 8670 GVWR - RWD - (E1Z 201A 148)	$ 37,995	$27,559	0.00

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69	2020	R1Z 201A 130	2020 FORD TRANSIT T-250 CARGO CREW VAN LOW ROOF 130"WB WITH 9070 GVWR - RWD - (R1Z 201A 130)	$ 37,670	$27,265	0.00
70	2020	R1Z 201A 148	2020 FORD TRANSIT T-250 CARGO CREW VAN LOW ROOF 148"WB WITH 9070 GVWR - RWD - (R1Z 201A 148)	$ 38,495	$28,418	0.00
71	2020	W1Z 201A 130	2020 FORD TRANSIT T-350 CARGO CREW VAN LOW ROOF 130"WB WITH 9500 GVWR - RWD - (W1Z 201A 130)	$ 38,920	$28,396	0.00
72	2020	W1Z 201A 148	2020 FORD TRANSIT T-350 CARGO CREW VAN LOW ROOF 148"WB WITH 9500 GVWR - RWD - (W1Z 201A 148)	$ 40,195	$29,548	0.00
73	2020	E2Y 101A 130	2020 FORD TRANSIT T-150 CARGO VAN LOW ROOF 130"WB WITH 8670 GVWR - AWD - (E2Y 101A 130)	$ 39,205	$28,654	0.00
74	2020	E2Y 101A 148	2020 FORD TRANSIT T-150 CARGO VAN LOW ROOF 148"WB WITH 8670 GVWR - AWD - (E2Y 101A 148)	$ 40,480	$29,805	0.00
75	2020	R2Y 101A 130	2020 FORD TRANSIT T-250 CARGO VAN LOW ROOF 130"WB WITH 9070 GVWR - AWD - (R2Y 101A 130)	$ 40,155	$29,512	0.00
76	2020	R2Y 101A 148	2020 FORD TRANSIT T-250 CARGO VAN LOW ROOF 148"WB WITH 9070 GVWR - AWD - (R2Y 101A 148)	$ 41,430	$30,664	0.00
77	2020	W2Y 101A 130	2020 FORD TRANSIT T-350 CARGO VAN LOW ROOF 130"WB WITH 9500 GVWR - AWD - (W2Y 101A 130)	$ 41,405	$30,642	0.00
78	2020	W2Y 101A 148	2020 FORD TRANSIT T-350 CARGO VAN LOW ROOF 148"WB WITH 9500 GVWR - AWD - (W2Y 101A 148)	$ 42,680	$31,793	0.00
79	2020	E9Z 201A 130	2020 FORD TRANSIT T-150 CARGO CREW VAN LOW ROOF 130"WB WITH 8670 GVWR - AWD - (E9Z 201A 130)	$ 41,415	$30,651	0.00
80	2020	E9Z 201A 148	2020 FORD TRANSIT T-150 CARGO CREW VAN LOW ROOF 148"WB WITH 8670 GVWR - AWD - (E9Z 201A 148)	$ 42,690	$31,803	0.00
81	2020	R2Z 201A 130	2020 FORD TRANSIT T-250 CARGO CREW VAN LOW ROOF 130"WB WITH 9070 GVWR - AWD - (R2Z 201A 130)	$ 40,246	$31,509	0.00
82	2020	R2Z 201A 148	2020 FORD TRANSIT T-250 CARGO CREW VAN LOW ROOF 148"WB WITH 9070 GVWR - AWD - (R2Z 201A 148)	$ 43,640	$32,662	0.00
83	2020	W2Z 201A 130	2020 FORD TRANSIT T-350 CARGO CREW VAN LOW ROOF 130"WB WITH 9500 GVWR - AWD - (W2Z 201A 130)	$ 43,615	$32,640	0.00
84	2020	W2Z 201A 148	2020 FORD TRANSIT T-350 CARGO CREW VAN LOW ROOF 148"WB WITH 9500 GVWR - AWD - (W2Z 201A 148)	$ 44,890	$33,791	0.00
85	2020	E1C 101A 130	2020 FORD TRANSIT T-150 CARGO VAN MEDIUM ROOF 130"WB WITH 8670 GVWR - RWD - (E1C 101A 130)	$ 35,660	$25,448	0.00
86	2020	E1C 101A 148	2020 FORD TRANSIT T-150 CARGO VAN MEDIUM ROOF 148"WB WITH 8670 GVWR - RWD - (E1C 101A 148)	$ 36,935	$26,601	0.00
87	2020	R1C 101A 130	2020 FORD TRANSIT T-250 CARGO VAN MEDIUM ROOF 130"WB WITH 9070 GVWR - RWD - (R1C 101A 130)	$ 36,610	$28,573	0.00
88	2020	R1C 101A 148	2020 FORD TRANSIT T-250 CARGO VAN MEDIUM ROOF 148"WB WITH 9070 GVWR - RWD - (R1C 101A 148)	$ 37,885	$29,726	0.00
89	2020	W9C 101A 130	2020 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF 130"WB WITH 9500 GVWR - RWD - (W9C 101A 130)	$ 37,860	$29,703	0.00
90	2020	W9C 101A 148	2020 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF 148"WB WITH 9500 GVWR - RWD - (W9C 101A 148)	$ 39,135	$30,856	0.00
91	2020	E1D 201A 130	2020 FORD TRANSIT T-150 CARGO CREW VAN MEDIUM ROOF 130"WB WITH 8670 GVWR - RWD - (E1D 201A 130)	$ 37,870	$29,713	0.00
92	2020	E1D 201A 148	2020 FORD TRANSIT T-150 CARGO CREW VAN MEDIUM ROOF 148"WB WITH 8670 GVWR - RWD - (E1D 201A 148)	$ 39,145	$30,865	0.00
93	2020	R1D 201A 130	2020 FORD TRANSIT T-250 CARGO CREW VAN MEDIUM ROOF 130"WB WITH 9070 GVWR - RWD - (R1D 201A 130)	$ 38,820	$30,571	0.00
94	2020	R1D 201A 148	2020 FORD TRANSIT T-250 CARGO CREW VAN MEDIUM ROOF 148"WB WITH 9070 GVWR - RWD - (R1D 201A 148)	$ 40,095	$31,723	0.00
95	2020	W1D 201A 130	2020 FORD TRANSIT T-350 CARGO CREW VAN MEDIUM ROOF 130"WB WITH 9250 GVWR - RWD - (W1D 201A 130)	$ 40,070	$31,701	0.00
96	2020	W1D 201A 148	2020 FORD TRANSIT T-350 CARGO CREW VAN MEDIUM ROOF 148"WB WITH 9250 GVWR - RWD - (W1D 201A 148)	$ 41,345	$32,853	0.00
97	2020	E2C 101A 130	2020 FORD TRANSIT T-150 CARGO VAN MEDIUM ROOF 130"WB WITH 8670 GVWR - AWD - (E2C 101A 130)	$ 40,355	$31,958	0.00
98	2020	E2C 101A 148	2020 FORD TRANSIT T-150 CARGO VAN MEDIUM ROOF 148"WB WITH 8670 GVWR - AWD - (E2C 101A 148)	$ 41,630	$33,111	0.00
99	2020	R2C 101A 130	2020 FORD TRANSIT T-250 CARGO VAN MEDIUM ROOF 130"WB WITH 9070 GVWR - AWD - (R2C 101A 130)	$ 41,305	$32,817	0.00
100	2020	R2C 101A 148	2020 FORD TRANSIT T-250 CARGO VAN MEDIUM ROOF 148"WB WITH 9070 GVWR - AWD - (R2C 101A 148)	$ 42,580	$33,970	0.00
101	2020	W2C 101A 130	2020 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF 130"WB WITH 9500 GVWR - AWD - (W2C 101A 130)	$ 42,555	$33,947	0.00
102	2020	W2C 101A 148	2020 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF 148"WB WITH 9500 GVWR - AWD - (W2C 101A 148)	$ 43,830	$35,100	0.00





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103	2020	E2D 201A 130	2020 FORD TRANSIT T-150 CARGO CREW VAN MEDIUM ROOF 130"WB WITH 8670 GVWR - AWD - (E2D 201A 130)	$ 42,565	$33,955	0.00
104	2020	E2D 201A 148	2020 FORD TRANSIT T-150 CARGO CREW VAN MEDIUM ROOF 148"WB WITH 8670 GVWR - AWD - (E2D 201A 148)	$ 43,840	$35,108	0.00
105	2020	R2D 201A 130	2020 FORD TRANSIT T-250 CARGO CREW VAN MEDIUM ROOF 130"WB WITH 9070 GVWR - AWD - (R2D 201A 130)	$ 43,515	$34,814	0.00
106	2020	R2D 201A 148	2020 FORD TRANSIT T-250 CARGO CREW VAN MEDIUM ROOF 148"WB WITH 9070 GVWR - AWD - (R2D 201A 148)	$ 44,790	$35,967	0.00
107	2020	W2D 201A 130	2020 FORD TRANSIT T-350 CARGO CREW VAN MEDIUM ROOF 130"WB WITH 9250 GVWR - AWD - (W2D 201A 130)	$ 44,765	$35,944	0.00
108	2020	W2D 201A 148	2020 FORD TRANSIT T-350 CARGO CREW VAN MEDIUM ROOF 148"WB WITH 9250 GVWR - AWD - (W2D 201A 148)	$ 46,040	$37,097	0.00
109	2020	R1X 101A 148	2020 FORD TRANSIT T-250 CARGO VAN HIGH ROOF 148"WB WITH 9070 GVWR - RWD - (R1X 101A 148)	$ 40,035	$31,670	0.00
110	2020	R3X 101A 148	2020 FORD TRANSIT T-250 CARGO VAN HIGH ROOF 148"EL WB WITH 9070 GVWR - RWD - (R3X 101A 148)	$ 41,255	$32,772	0.00
111	2020	W1X 101A 148	2020 FORD TRANSIT T-350 CARGO VAN HIGH ROOF 148"WB WITH 9500 GVWR - RWD - (W1X 101A 148)	$ 41,285	$32,800	0.00
112	2020	W3X 101A 148	2020 FORD TRANSIT T-350 CARGO VAN HIGH ROOF 148"EL WB WITH 9500 GVWR - RWD - (W3X 101A 148)	$ 42,505	$33,902	0.00
113	2020	F4X 101A 148	2020 FORD TRANSIT T-350HD CARGO VAN HIGH ROOF 148"EL WB - DRW - WITH 9950 GVWR - RWD - (F4X 101A 148)	$ 43,260	$34,584	0.00
114	2020	S4X 101A 148	2020 FORD TRANSIT T-350HD CARGO VAN HIGH ROOF 148"EL WB - DRW - WITH 10360 GVWR - RWD - (S4X 101A 148)	$ 43,610	$34,901	0.00
115	2020	R2X 101A 148	2020 FORD TRANSIT T-250 CARGO VAN HIGH ROOF 148"WB WITH 9070 GVWR - AWD - (R2X 101A 148)	$ 44,730	$35,913	0.00
116	2020	R3U 101A 148	2020 FORD TRANSIT T-250 CARGO VAN HIGH ROOF 148"EL WB WITH 9070 GVWR - AWD - (R3U 101A 148)	$ 45,950	$37,015	0.00
117	2020	W2X 101A 148	2020 FORD TRANSIT T-350 CARGO VAN HIGH ROOF 148"WB WITH 9500 GVWR - AWD - (W2X 101A 148)	$ 45,980	$37,043	0.00
118	2020	W3U 101A 148	2020 FORD TRANSIT T-350 CARGO VAN HIGH ROOF 148"EL WB WITH 9500 GVWR - AWD - (W3U 101A 148)	$ 47,200	$38,145	0.00
119	2020	F4U 101A 148	2020 FORD TRANSIT T-350HD CARGO VAN HIGH ROOF 148"EL WB - DRW - WITH 9950 GVWR - AWD - (F4U 101A 148)	$ 48,840	$39,627	0.00
120	2020	S4U 101A 148	2020 FORD TRANSIT T-350HD CARGO VAN HIGH ROOF 148"EL WB - DRW - WITH 10360 GVWR - AWD - (S4U 101A 148)	$ 50,905	$41,491	0.00
121	2020	R1V 201A 148	2020 FORD TRANSIT T-250 CARGO CREW VAN HIGH ROOF 148" WB WITH 9070 GVWR - RWD - (R1V 201A 148)	$ 42,245	$33,667	0.00
122	2020	W1V 201A 148	2020 FORD TRANSIT T-350 CARGO CREW VAN HIGH ROOF 148" WB WITH 9500 GVWR - RWD - (W1V 201A 148)	$ 43,495	$34,797	0.00
123	2020	F4V 201A 148	2020 FORD TRANSIT T-350HD CARGO CREW VAN HIGH ROOF 148"EL WB - DRW - WITH 9950 GVWR - RWD - (F4V 201A 148)	$ 45,470	$36,582	0.00
124	2020	S4V 201A 148	2020 FORD TRANSIT T-350HD CARGO CREW VAN HIGH ROOF 148"EL WB - DRW - WITH 10360 GVWR - RWD - (S4V 201A 148)	$ 45,820	$36,898	0.00
125	2020	R2V 201A 148	2020 FORD TRANSIT T-250 CARGO CREW VAN HIGH ROOF 148" WB WITH 9070 GVWR - AWD - (R2V 201A 148)	$ 46,940	$37,910	0.00
126	2020	W2V 201A 148	2020 FORD TRANSIT T-350 CARGO CREW VAN HIGH ROOF 148" WB WITH 9500 GVWR - AWD - (W2V 201A 148)	$ 48,190	$39,040	0.00
127	2020	F4W 201A 148	2020 FORD TRANSIT T-350HD CARGO CREW VAN HIGH ROOF 148"EL WB - DRW - WITH 9950 GVWR - AWD - (F4W 201A 148)	$ 50,165	$40,824	0.00
128	2020	S4W 201A 148	2020 FORD TRANSIT T-350HD CARGO CREW VAN HIGH ROOF 148"EL WB - DRW - WITH 10360 GVWR - AWD - (S4W 201A 148)	$ 52,230	$42,689	0.00
129	2020	K1Y 301A 130	2020 FORD TRANSIT T-150 WAGON XL LOW ROOF 130"WB (8-PASS BASE) - RWD - (K1Y 301A 130)	$ 40,180	$29,534	0.00
130	2020	K1Y 302A 130	2020 FORD TRANSIT T-150 WAGON XLT LOW ROOF 130"WB (8-PASS BASE) - RWD - (K1Y 302A 130)	$ 42,060	$31,233	0.00
131	2020	X2Y 301A 148	2020 FORD TRANSIT T-350 WAGON XL LOW ROOF 148"WB (12-PASS BASE) - RWD - (X2Y 301A 148)	$ 41,035	$30,308	0.00
132	2020	X2Y 302A 148	2020 FORD TRANSIT T-350 WAGON XLT LOW ROOF 148"WB (12-PASS BASE) - RWD - (X2Y 302A 148)	$ 42,920	$32,012	0.00
133	2020	K2Y 301A 130	2020 FORD TRANSIT T-150 WAGON XL LOW ROOF 130"WB (8-PASS BASE) - AWD - (K2Y 301A 130)	$ 44,875	$33,778	0.00
134	2020	K2Y 302A 130	2020 FORD TRANSIT T-150 WAGON XLT LOW ROOF 130"WB (8-PASS BASE) - AWD - (K2Y 302A 130)	$ 46,755	$35,477	0.00
135	2020	X9Y 301A 148	2020 FORD TRANSIT T-350 WAGON XL LOW ROOF 148"WB (12-PASS BASE) - AWD - (X9Y 301A 148)	$ 45,730	$34,551	0.00
136	2020	X9Y 302A 148	2020 FORD TRANSIT T-350 WAGON XLT LOW ROOF 148"WB (12-PASS BASE) - AWD - (X9Y 302A 148)	$ 47,615	$36,255	0.00

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137	2020	K1C 301A 130	2020 FORD TRANSIT T-150 WAGON XL MEDIUM ROOF 130"WB (8-PASS BASE) - RWD - (K1C 301A 130)	$ 41,630	$33,111	0.00
138	2020	K1C 302A 130	2020 FORD TRANSIT T-150 WAGON XLT MEDIUM ROOF 130"WB (8-PASS BASE) - RWD - (K1C 302A 130)	$ 43,510	$34,810	0.00
139	2020	X2C 301A 148	2020 FORD TRANSIT T-350 WAGON XL MEDIUM ROOF 148"WB (12-PASS BASE) - RWD - (X2C 301A 148)	$ 42,485	$33,884	0.00
140	2020	X2C 302A 148	2020 FORD TRANSIT T-350 WAGON XLT MEDIUM ROOF 148"WB (12-PASS BASE) - RWD - (X2C 302A 148)	$ 44,370	$35,588	0.00
141	2020	W4Z 301A 130	2020 FORD TRANSIT T-350 WAGON XL MEDIUM ROOF 130"WB (12-PASS BASE) - RWD - **DIESEL ONLY** (W4Z 301A 130)	$ 46,535	$37,542	0.00
142	2020	W4Z 302A 130	2020 FORD TRANSIT T-350 WAGON XLT MEDIUM ROOF 130"WB (12-PASS BASE) - RWD - ** DIESEL ONLY** (W4Z 302A 130)	$ 48,420	$39,245	0.00
143	2020	K2C 301A 130	2020 FORD TRANSIT T-150 WAGON XL MEDIUM ROOF 130"WB (8-PASS BASE) - AWD - (K2C 301A 130)	$ 46,325	$37,354	0.00
144	2020	K2C 302A 130	2020 FORD TRANSIT T-150 WAGON XLT MEDIUM ROOF 130"WB (8-PASS BASE) - AWD - (K2C 302A 130)	$ 48,205	$39,054	0.00
145	2020	X9C 301A 130	2020 FORD TRANSIT T-350 WAGON XL MEDIUM ROOF 130"WB (12-PASS BASE) - AWD - (X9C 301A 130)	$ 47,180	$38,128	0.00
146	2020	X9C 302A 130	2020 FORD TRANSIT T-350 WAGON XLT MEDIUM ROOF 130"WB (12-PASS BASE) - AWD - (X9C 302A 130)	$ 49,065	$39,831	0.00
147	2020	X2X 301A 148	2020 FORD TRANSIT T-350 WAGON XL HIGH ROOF 148"WB (12-PASS BASE) - RWD - (X2X 301A 148)	$ 43,935	$35,194	0.00
148	2020	X2X 302A 148	2020 FORD TRANSIT T-350 WAGON XLT HIGH ROOF 148"WB (12-PASS BASE) - RWD - (X2X 302A 148)	$ 45,820	$36,898	0.00
149	2020	W4X 301A 148	2020 FORD TRANSIT T-350 WAGON XL HIGH ROOF 148"WB (12-PASS BASE) - RWD - **DIESEL ONLY** (W4X 301A 148)	$ 47,985	$38,852	0.00
150	2020	W4X 302A 148	2020 FORD TRANSIT T-350 WAGON XLT HIGH ROOF 148"WB (12-PASS BASE) - RWD - **DIESEL ONLY** (W4X 302A 148)	$ 49,870	$40,557	0.00
151	2020	U4X 301A 148	2020 FORD TRANSIT T-350HD WAGON XL HIGH ROOF 148"EL WB - DRW - (14-PASS BASE) - RWD - (U4X 301A 148)	$ 45,160	$36,302	0.00
152	2020	U4X 302A 148	2020 FORD TRANSIT T-350HD WAGON XLT HIGH ROOF 148"EL WB - DRW - (14-PASS BASE) - RWD - (U4X 302A 148)	$ 47,040	$38,000	0.00
153	2020	X9X 301A 148	2020 FORD TRANSIT T-350 WAGON XL HIGH ROOF 148"WB (12-PASS BASE) - AWD - (X9X 301A 148)	$ 48,630	$39,438	0.00
154	2020	X9X 302A 148	2020 FORD TRANSIT T-350 WAGON XLT HIGH ROOF 148"WB (12-PASS BASE) - AWD - (X9X 302A 148)	$ 50,515	$41,142	0.00
155	2020	U5X 301A 148	2020 FORD TRANSIT T-350HD WAGON XL HIGH ROOF 148"EL WB -DRW - (14-PASS BASE) - AWD - **3.5L ECOBOOST ONLY** (U5X 301A 148)	$ 52,455	$42,892	0.00
156	2020	U5X 302A 148	2020 FORD TRANSIT T-350HD WAGON XLT HIGH ROOF 148"EL WB -DRW - (14-PASS BASE) - AWD - **3.5L ECOBOOST ONLY** (U5X 302A 148)	$ 54,340	$44,596	0.00
157	2020	R1A	2020 FORD RANGER SUPER CAB 2WD XL BED DELETE (R1A)	$ 24,110	$22,611	0.00
158	2020	R1E 100A	2020 FORD RANGER SUPER CAB 2WD XL 6' BED (R1E 100A)	$ 24,410	$22,888	0.00
159	2020	R1E 300A	2020 FORD RANGER SUPER CAB 2WD XLT 6' BED (R1E 300A)	$ 28,460	$26,339	0.00
160	2020	R1F 100A	2020 FORD RANGER SUPER CAB 4WD XL 6' BED (R1F 100A)	$ 28,570	$24,570	0.00
161	2020	R1F 300A	2020 FORD RANGER SUPER CAB 4WD XLT 6' BED (R1F 300A)	$ 32,460	$27,832	0.00
162	2020	R4E 100A	2020 FORD RANGER CREW CAB 2WD XL 5' BED (R4E 100A)	$ 26,810	$24,077	0.00
163	2020	R4E 300A	2020 FORD RANGER CREW CAB 2WD XLT 5' BED (R4E 300A)	$ 30,635	$27,297	0.00
164	2020	R4F 100A	2020 FORD RANGER CREW CAB 4WD XL 5' BED (R4F 100A)	$ 30,970	$26,789	0.00
165	2020	R4F 300A	2020 FORD RANGER CREW CAB 4WD XLT 5' BED (R4F 300A)	$ 34,635	$29,821	0.00
166	2020	F1C 100A	2020 FORD F-150 REGULAR CAB 2WD XL 6.5' BED 122" WB (F1C 100A)	$ 28,495	$20,970	(855.00)
167	2020	F1C 300A	2020 FORD F-150 REGULAR CAB 2WD XLT 6.5' BED 122" WB (F1C 300A)	$ 34,510	$25,728	(855.00)
168	2020	F1C 100A	2020 FORD F-150 REGULAR CAB 2WD XL 8' BED 141" WB (F1C 100A)	$ 28,795	$21,243	(855.00)
169	2020	F1C 300A	2020 FORD F-150 REGULAR CAB 2WD XLT 8' BED 141" WB (F1C 300A)	$ 34,810	$25,995	(855.00)
170	2020	F1E 100A	2020 FORD F-150 REGULAR CAB 4WD XL 6.5' BED 122" WB (F1E 100A)	$ 33,140	$24,163	(855.00)

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171	2020	F1E 300A	2020 FORD F-150 REGULAR CAB 4WD XLT 6.5' BED 122" WB (F1E 300A)	$ 37,935	$27,740	(855.00)
172	2020	F1E 100A	2020 FORD F-150 REGULAR CAB 4WD XL 8' BED 141" WB (F1E 100A)	$ 33,440	$24,435	(855.00)
173	2020	F1E 300A	2020 FORD F-150 REGULAR CAB 4WD XLT 8' BED 141" WB (F1E 300A)	$ 38,235	$28,007	(855.00)
174	2020	X1C 100A	2020 FORD F-150 SUPER CAB 2WD XL 6.5' BED 145" WB (X1C 100A)	$ 32,580	$22,830	(1,455.00)
175	2020	X1C 300A	2020 FORD F-150 SUPER CAB 2WD XLT 6.5' BED 145" WB (X1C 300A)	$ 37,420	$26,459	(1,455.00)
176	2020	X1C 100A	2020 FORD F-150 SUPER CAB 2WD XL 8' BED 163" WB (X1C 100A)	$ 33,885	$24,016	(1,455.00)
177	2020	X1C 300A	2020 FORD F-150 SUPER CAB 2WD XLT 8' BED 163" WB (X1C 300A)	$ 38,725	$27,618	(1,455.00)
178	2020	X1E 100A	2020 FORD F-150 SUPER CAB 4WD XL 6.5' BED 145" WB (X1E 100A)	$ 36,010	$25,124	(855.00)
179	2020	X1E 300A	2020 FORD F-150 SUPER CAB 4WD XLT 6.5' BED 145" WB (X1E 300A)	$ 40,845	$28,677	(855.00)
180	2020	X1E 100A	2020 FORD F-150 SUPER CAB 4WD XL 8' BED 163" WB (X1E 100A)	$ 38,625	$27,174	(855.00)
181	2020	X1E 300A	2020 FORD F-150 SUPER CAB 4WD XLT 8' BED 163" WB (X1E 300A)	$ 43,100	$30,681	(855.00)
182	2020	W1C 100A	2020 FORD F-150 CREW CAB 2WD XL 5.5' BED 145" WB (W1C 100A)	$ 35,035	$24,238	(705.00)
183	2020	W1C 300A	2020 FORD F-150 CREW CAB 2WD XLT 5.5' BED 145" WB (W1C 300A)	$ 39,770	$27,722	(705.00)
184	2020	W1C 100A	2020 FORD F-150 CREW CAB 2WD XL 6.5' BED 157" WB (W1C 100A)	$ 36,340	$25,424	(705.00)
185	2020	W1C 300A	2020 FORD F-150 CREW CAB 2WD XLT 6.5' BED 157" WB (W1C 300A)	$ 41,075	$28,882	(705.00)
186	2020	W1E 100A	2020 FORD F-150 CREW CAB 4WD XL 5.5' BED 145" WB (W1E 100A)	$ 38,545	$27,428	(405.00)
187	2020	W1E 300A	2020 FORD F-150 CREW CAB 4WD XLT 5.5' BED 145" WB (W1E 300A)	$ 43,265	$30,827	(405.00)
188	2020	W1E 100A	2020 FORD F-150 CREW CAB 4WD XL 6.5' BED 157" WB (W1E 100A)	$ 40,800	$29,478	(405.00)
189	2020	W1E 300A	2020 FORD F-150 CREW CAB 4WD XLT 6.5' BED 157" WB (W1E 300A)	$ 45,520	$32,831	(405.00)
190	2020	F2A 600A	2020 FORD F-250 REGULAR CAB 2WD XL 8' BED 142" WB (F2A 600A)	$ 33,705	$24,309	(1,515.00)
191	2020	F2A 600A	2020 FORD F-250 REGULAR CAB 2WD XL 8' BED 142" WB DIESEL (F2A 600A)	$ 44,200	$34,918	(1,515.00)
192	2020	F2A 603A	2020 FORD F-250 REGULAR CAB 2WD XLT 8' BED 142" WB (F2A 603A)	$ 38,485	$28,630	(1,515.00)
193	2020	F2A 603A	2020 FORD F-250 REGULAR CAB 2WD XLT 8' BED 142" WB DIESEL (F2A 603A)	$ 48,980	$39,239	(1,515.00)
194	2020	F2B 600A	2020 FORD F-250 REGULAR CAB 4WD XL 8' BED 142" WB (F2B 600A)	$ 36,495	$26,830	(1,515.00)
195	2020	F2B 600A	2020 FORD F-250 REGULAR CAB 4WD XL 8' BED 142" WB DIESEL (F2B 600A)	$ 46,990	$37,439	(1,515.00)
196	2020	F2B 603A	2020 FORD F-250 REGULAR CAB 4WD XLT 8' BED 142" WB (F2B 603A)	$ 41,285	$31,160	(1,515.00)
197	2020	F2B 603A	2020 FORD F-250 REGULAR CAB 4WD XLT 8' BED 142" WB DIESEL (F2B 603A)	$ 51,780	$41,769	(1,515.00)
198	2020	X2A 600A	2020 FORD F-250 SUPER CAB 2WD XL 6.5' BED 148" WB (X2A 600A)	$ 36,040	$25,801	(1,065.00)
199	2020	X2A 600A	2020 FORD F-250 SUPER CAB 2WD XL 6.5' BED 148" WB DIESEL (X2A 600A)	$ 46,535	$36,410	(1,065.00)
200	2020	X2A 603A	2020 FORD F-250 SUPER CAB 2WD XLT 6.5' BED 148" WB (X2A 603A)	$ 41,150	$30,420	(1,065.00)
201	2020	X2A 603A	2020 FORD F-250 SUPER CAB 2WD XLT 6.5' BED 148" WB DIESEL (X2A 603A)	$ 51,645	$41,029	(1,065.00)
202	2020	X2A 600A	2020 FORD F-250 SUPER CAB 2WD XL 8' BED 164" WB (X2A 600A)	$ 36,240	$25,982	(1,065.00)
203	2020	X2A 600A	2020 FORD F-250 SUPER CAB 2WD XL 8' BED 164" WB DIESEL (X2A 600A)	$ 46,735	$36,591	(1,065.00)
204	2020	X2A 603A	2020 FORD F-250 SUPER CAB 2WD XLT 8' BED 164" WB (X2A 603A)	$ 41,350	$30,601	(1,065.00)

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205	2020	X2A 603A	2020 FORD F-250 SUPER CAB 2WD XLT 8' BED 164" WB DIESEL (X2A 603A)	$ 51,845	$41,210	(1,065.00)
206	2020	X2B 600A	2020 FORD F-250 SUPER CAB 4WD XL 6.5' BED 148" WB (X2B 600A)	$ 38,830	$28,323	(1,065.00)
207	2020	X2B 600A	2020 FORD F-250 SUPER CAB 4WD XL 6.5' BED 148" WB DIESEL (X2B 600A)	$ 49,325	$38,932	(1,065.00)
208	2020	X2B 603A	2020 FORD F-250 SUPER CAB 4WD XLT 6.5' BED 148" WB (X2B 603A)	$ 43,955	$32,955	(1,065.00)
209	2020	X2B 603A	2020 FORD F-250 SUPER CAB 4WD XLT 6.5' BED 148" WB DIESEL (X2B 603A)	$ 54,450	$43,564	(1,065.00)
210	2020	X2B 600A	2020 FORD F-250 SUPER CAB 4WD XL 8' BED 164" WB (X2B 600A)	$ 39,040	$28,512	(1,065.00)
211	2020	X2B 600A	2020 FORD F-250 SUPER CAB 4WD XL 8' BED 164" WB DIESEL (X2B 600A)	$ 49,535	$39,121	(1,065.00)
212	2020	X2B 603A	2020 FORD F-250 SUPER CAB 4WD XLT 8' BED 164" WB (X2B 603A)	$ 44,155	$33,136	(1,065.00)
213	2020	X2B 603A	2020 FORD F-250 SUPER CAB 4WD XLT 8' BED 164" WB DIESEL (X2B 603A)	$ 54,650	$43,745	(1,065.00)
214	2020	W2A 600A	2020 FORD F-250 CREW CAB 2WD XL 6.5' BED 160" WB (W2A 600A)	$ 37,295	$26,935	(1,065.00)
215	2020	W2A 600A	2020 FORD F-250 CREW CAB 2WD XL 6.5' BED 160" WB DIESEL (W2A 600A)	$ 47,790	$37,544	(1,065.00)
216	2020	W2A 603A	2020 FORD F-250 CREW CAB 2WD XLT 6.5' BED 160" WB (W2A 603A)	$ 42,980	$32,074	(1,065.00)
217	2020	W2A 603A	2020 FORD F-250 CREW CAB 2WD XLT 6.5' BED 160" WB DIESEL (W2A 603A)	$ 53,475	$42,683	(1,065.00)
218	2020	W2A 600A	2020 FORD F-250 CREW CAB 2WD XL 8' BED 176" WB (W2A 600A)	$ 37,495	$27,117	(1,065.00)
219	2020	W2A 600A	2020 FORD F-250 CREW CAB 2WD XL 8' BED 176" WB DIESEL (W2A 600A)	$ 47,990	$37,726	(1,065.00)
220	2020	W2A 603A	2020 FORD F-250 CREW CAB 2WD XLT 8' BED 176" WB (W2A 603A)	$ 43,180	$32,255	(1,065.00)
221	2020	W2A 603A	2020 FORD F-250 CREW CAB 2WD XLT 8' BED 176" WB DIESEL (W2A 603A)	$ 53,675	$42,864	(1,065.00)
222	2020	W2B 600A	2020 FORD F-250 CREW CAB 4WD XL 6.5' BED 160" WB (W2B 600A)	$ 40,095	$29,466	(1,065.00)
223	2020	W2B 600A	2020 FORD F-250 CREW CAB 4WD XL 6.5' BED 160" WB DIESEL (W2B 600A)	$ 50,590	$40,075	(1,065.00)
224	2020	W2B 603A	2020 FORD F-250 CREW CAB 4WD XLT 6.5' BED 160" WB (W2B 603A)	$ 45,775	$34,600	(1,065.00)
225	2020	W2B 603A	2020 FORD F-250 CREW CAB 4WD XLT 6.5' BED 160" WB DIESEL (W2B 603A)	$ 56,270	$45,209	(1,065.00)
226	2020	W2B 600A	2020 FORD F-250 CREW CAB 4WD XL 8' BED 176" WB (W2B 600A)	$ 40,305	$29,657	(1,065.00)
227	2020	W2B 600A	2020 FORD F-250 CREW CAB 4WD XL 8' BED 176" WB DIESEL (W2B 600A)	$ 50,800	$40,266	(1,065.00)
228	2020	W2B 603A	2020 FORD F-250 CREW CAB 4WD XLT 8' BED 176" WB (W2B 603A)	$ 45,980	$34,786	(1,065.00)
229	2020	W2B 603A	2020 FORD F-250 CREW CAB 4WD XLT 8' BED 176" WB DIESEL (W2B 603A)	$ 56,475	$45,395	(1,065.00)
230	2020	F3A 610A	2020 FORD F-350 REGULAR CAB SRW 2WD XL 8' BED 142" WB (F3A 610A)	$ 35,220	$26,090	(845.00)
231	2020	F3A 610A	2020 FORD F-350 REGULAR CAB SRW 2WD XL 8' BED 142" WB DIESEL (F3A 610A)	$ 45,715	$36,699	(845.00)
232	2020	F3A 613A	2020 FORD F-350 REGULAR CAB SRW 2WD XLT 8' BED 142" WB (F3A 613A)	$ 40,010	$30,420	(845.00)
233	2020	F3A 613A	2020 FORD F-350 REGULAR CAB SRW 2WD XLT 8' BED 142" WB DIESEL (F3A 613A)	$ 50,505	$41,029	(845.00)
234	2020	F3B 610A	2020 FORD F-350 REGULAR CAB SRW 4WD XL 8' BED 142" WB (F3B 610A)	$ 38,020	$28,620	(1,595.00)
235	2020	F3B 610A	2020 FORD F-350 REGULAR CAB SRW 4WD XL 8' BED 142" WB DIESEL (F3B 610A)	$ 48,515	$39,229	(1,595.00)
236	2020	F3B 613A	2020 FORD F-350 REGULAR CAB SRW 4WD XLT 8' BED 142" WB (F3B 613A)	$ 42,810	$32,951	(1,595.00)
237	2020	F3B 613A	2020 FORD F-350 REGULAR CAB SRW 4WD XLT 8' BED 142" WB DIESEL (F3B 613A)	$ 53,305	$43,560	(1,595.00)
238	2020	F3C 620A	2020 FORD F-350 REGULAR CAB DRW 2WD XL 8' BED 142" WB (F3C 620A)	$ 36,710	$27,540	(1,445.00)

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239	2020	F3C 620A	2020 FORD F-350 REGULAR CAB DRW 2WD XL 8' BED 142" WB DIESEL (F3C 620A)	$ 47,205	$38,149	(1,445.00)
240	2020	F3C 623A	2020 FORD F-350 REGULAR CAB DRW 2WD XLT 8' BED 142" WB (F3C 623A)	$ 41,285	$31,572	(1,445.00)
241	2020	F3C 623A	2020 FORD F-350 REGULAR CAB DRW 2WD XLT 8' BED 142" WB DIESEL (F3C 623A)	$ 51,780	$42,181	(1,445.00)
242	2020	F3D 620A	2020 FORD F-350 REGULAR CAB DRW 4WD XL 8' BED 142" WB (F3D 620A)	$ 39,505	$29,964	(1,145.00)
243	2020	F3D 620A	2020 FORD F-350 REGULAR CAB DRW 4WD XL 8' BED 142" WB DIESEL (F3D 620A)	$ 50,000	$40,573	(1,145.00)
244	2020	F3D 623A	2020 FORD F-350 REGULAR CAB DRW 4WD XLT 8' BED 142" WB (F3D 623A)	$ 44,085	$34,103	(1,145.00)
245	2020	F3D 623A	2020 FORD F-350 REGULAR CAB DRW 4WD XLT 8' BED 142" WB DIESEL (F3D 623A)	$ 54,580	$44,712	(1,145.00)
246	2020	X3A 610A	2020 FORD F-350 SUPER CAB SRW 2WD XL 6.5' BED 148" WB (X3A 610A)	$ 37,560	$28,205	(1,145.00)
247	2020	X3A 610A	2020 FORD F-350 SUPER CAB SRW 2WD XL 6.5' BED 148" WB DIESEL (X3A 610A)	$ 48,055	$38,814	(1,145.00)
248	2020	X3A 613A	2020 FORD F-350 SUPER CAB SRW 2WD XLT 6.5' BED 148" WB (X3A 613A)	$ 42,670	$32,824	(1,145.00)
249	2020	X3A 613A	2020 FORD F-350 SUPER CAB SRW 2WD XLT 6.5' BED 148" WB DIESEL (X3A 613A)	$ 53,165	$43,433	(1,145.00)
250	2020	X3A 610A	2020 FORD F-350 SUPER CAB SRW 2WD XL 8' BED 164" WB (X3A 610A)	$ 37,760	$28,387	(1,145.00)
251	2020	X3A 610A	2020 FORD F-350 SUPER CAB SRW 2WD XL 8' BED 164" WB DIESEL (X3A 610A)	$ 48,255	$38,996	(1,145.00)
252	2020	X3A 613A	2020 FORD F-350 SUPER CAB SRW 2WD XLT 8' BED 164" WB (X3A 613A)	$ 42,870	$33,004	(1,145.00)
253	2020	X3A 613A	2020 FORD F-350 SUPER CAB SRW 2WD XLT 8' BED 164" WB DIESEL (X3A 613A)	$ 53,365	$43,613	(1,145.00)
254	2020	X3B 610A	2020 FORD F-350 SUPER CAB SRW 4WD XL 6.5' BED 148" WB (X3B 610A)	$ 40,360	$30,736	(1,745.00)
255	2020	X3B 610A	2020 FORD F-350 SUPER CAB SRW 4WD XL 6.5' BED 148" WB DIESEL (X3B 610A)	$ 50,855	$41,345	(1,745.00)
256	2020	X3B 613A	2020 FORD F-350 SUPER CAB SRW 4WD XLT 6.5' BED 148" WB (X3B 613A)	$ 45,475	$35,359	(1,745.00)
257	2020	X3B 613A	2020 FORD F-350 SUPER CAB SRW 4WD XLT 6.5' BED 148" WB DIESEL (X3B 613A)	$ 55,970	$45,968	(1,745.00)
258	2020	X3B 610A	2020 FORD F-350 SUPER CAB SRW 4WD XL 8' BED 164" WB (X3B 610A)	$ 40,560	$30,917	(1,745.00)
259	2020	X3B 610A	2020 FORD F-350 SUPER CAB SRW 4WD XL 8' BED 164" WB DIESEL (X3B 610A)	$ 51,055	$41,526	(1,745.00)
260	2020	X3B 613A	2020 FORD F-350 SUPER CAB SRW 4WD XLT 8' BED 164" WB (X3B 613A)	$ 45,675	$35,540	(1,745.00)
261	2020	X3B 613A	2020 FORD F-350 SUPER CAB SRW 4WD XLT 8' BED 164" WB DIESEL (X3B 613A)	$ 56,170	$46,149	(1,745.00)
262	2020	X3C 620A	2020 FORD F-350 SUPER CAB DRW 2WD XL 8' BED 164" WB (X3C 620A)	$ 39,245	$29,729	(1,145.00)
263	2020	X3C 620A	2020 FORD F-350 SUPER CAB DRW 2WD XL 8' BED 164" WB DIESEL (X3C 620A)	$ 49,740	$40,338	(1,145.00)
264	2020	X3C 623A	2020 FORD F-350 SUPER CAB DRW 2WD XLT 8' BED 164" WB (X3C 623A)	$ 44,145	$34,157	(1,145.00)
265	2020	X3C 623A	2020 FORD F-350 SUPER CAB DRW 2WD XLT 8' BED 164" WB DIESEL (X3C 623A)	$ 54,640	$44,766	(1,145.00)
266	2020	X3D 620A	2020 FORD F-350 SUPER CAB DRW 4WD XL 8' BED 164" WB (X3D 620A)	$ 42,040	$32,254	(545.00)
267	2020	X3D 620A	2020 FORD F-350 SUPER CAB DRW 4WD XL 8' BED 164" WB DIESEL (X3D 620A)	$ 52,535	$42,863	(545.00)
268	2020	X3D 623A	2020 FORD F-350 SUPER CAB DRW 4WD XLT 8' BED 164" WB (X3D 623A)	$ 46,945	$36,687	(545.00)
269	2020	X3D 623A	2020 FORD F-350 SUPER CAB DRW 4WD XLT 8' BED 164" WB DIESEL (X3D 623A)	$ 57,440	$47,296	(545.00)
270	2020	W3A 610A	2020 FORD F-350 CREW CAB SRW 2WD XL 6.5' BED 160" WB (W3A 610A)	$ 38,820	$29,343	(1,445.00)
271	2020	W3A 610A	2020 FORD F-350 CREW CAB SRW 2WD XL 6.5' BED 160" WB DIESEL (W3A 610A)	$ 49,315	$39,952	(1,445.00)
272	2020	W3A 613A	2020 FORD F-350 CREW CAB SRW 2WD XLT 6.5' BED 160" WB (W3A 613A)	$ 44,505	$34,482	(1,445.00)

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273	2020	W3A 613A	2020 FORD F-350 CREW CAB SRW 2WD XLT 6.5' BED 160" WB DIESEL (W3A 613A)	$ 55,000	$45,091	(1,445.00)
274	2020	W3A 610A	2020 FORD F-350 CREW CAB SRW 2WD XL 8' BED 176" WB (W3A 610A)	$ 39,020	$29,525	(1,445.00)
275	2020	W3A 610A	2020 FORD F-350 CREW CAB SRW 2WD XL 8' BED 176" WB DIESEL (W3A 610A)	$ 49,515	$40,134	(1,445.00)
276	2020	W3A 613A	2020 FORD F-350 CREW CAB SRW 2WD XLT 8' BED 176" WB (W3A 613A)	$ 44,700	$34,659	(1,445.00)
277	2020	W3A 613A	2020 FORD F-350 CREW CAB SRW 2WD XLT 8' BED 176" WB DIESEL (W3A 613A)	$ 55,195	$45,268	(1,445.00)
278	2020	W3B 610A	2020 FORD F-350 CREW CAB SRW 4WD XL 6.5' BED 160" WB (W3B 610A)	$ 41,625	$31,879	(995.00)
279	2020	W3B 610A	2020 FORD F-350 CREW CAB SRW 4WD XL 6.5' BED 160" WB DIESEL (W3B 610A)	$ 52,120	$42,488	(995.00)
280	2020	W3B 613A	2020 FORD F-350 CREW CAB SRW 4WD XLT 6.5' BED 160" WB (W3B 613A)	$ 47,305	$37,013	(995.00)
281	2020	W3B 613A	2020 FORD F-350 CREW CAB SRW 4WD XLT 6.5' BED 160" WB DIESEL (W3B 613A)	$ 57,800	$47,622	(995.00)
282	2020	W3B 610A	2020 FORD F-350 CREW CAB SRW 4WD XL 8' BED 176" WB (W3B 610A)	$ 41,820	$32,055	(995.00)
283	2020	W3B 610A	2020 FORD F-350 CREW CAB SRW 4WD XL 8' BED 176" WB DIESEL (W3B 610A)	$ 52,315	$42,664	(995.00)
284	2020	W3B 613A	2020 FORD F-350 CREW CAB SRW 4WD XLT 8' BED 176" WB (W3B 613A)	$ 47,500	$37,190	(995.00)
285	2020	W3B 613A	2020 FORD F-350 CREW CAB SRW 4WD XLT 8' BED 176" WB DIESEL (W3B 613A)	$ 57,995	$47,799	(995.00)
286	2020	W3C 620A	2020 FORD F-350 CREW CAB DRW 2WD XL 8' BED 176" WB (W3C 620A)	$ 40,505	$30,867	(845.00)
287	2020	W3C 620A	2020 FORD F-350 CREW CAB DRW 2WD XL 8' BED 176" WB DIESEL (W3C 620A)	$ 51,000	$41,476	(845.00)
288	2020	W3C 623A	2020 FORD F-350 CREW CAB DRW 2WD XLT 8' BED 176" WB (W3C 623A)	$ 45,970	$35,807	(845.00)
289	2020	W3C 623A	2020 FORD F-350 CREW CAB DRW 2WD XLT 8' BED 176" WB DIESEL (W3C 623A)	$ 56,465	$46,416	(845.00)
290	2020	W3D 620A	2020 FORD F-350 CREW CAB DRW 4WD XL 8' BED 176" WB (W3D 620A)	$ 43,305	$33,398	(995.00)
291	2020	W3D 620A	2020 FORD F-350 CREW CAB DRW 4WD XL 8' BED 176" WB DIESEL (W3D 620A)	$ 53,800	$44,007	(995.00)
292	2020	W3D 623A	2020 FORD F-350 CREW CAB DRW 4WD XLT 8' BED 176" WB (W3D 623A)	$ 48,780	$38,347	(995.00)
293	2020	W3D 623A	2020 FORD F-350 CREW CAB DRW 4WD XLT 8' BED 176" WB DIESEL (W3D 623A)	$ 59,275	$48,956	(995.00)
294	2020	F3E 630A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 2WD XL 60" CA 145" WB (F3E 630A)	$ 34,600	$26,353	(695.00)
295	2020	F3E 630A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 2WD XL 60" CA 145" WB DIESEL (F3E 630A)	$ 45,095	$36,962	(695.00)
296	2020	F3E 633A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 2WD XLT 60" CA 145" WB (F3E 633A)	$ 38,180	$29,665	(695.00)
297	2020	F3E 633A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 2WD XLT 60" CA 145" WB DIESEL (F3E 633A)	$ 48,675	$40,274	(695.00)
298	2020	F3F 630A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 4WD XL 60" CA 145" WB (F3F 630A)	$ 38,100	$29,518	(1,145.00)
299	2020	F3F 630A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 4WD XL 60" CA 145" WB DIESEL (F3F 630A)	$ 48,595	$40,127	(1,145.00)
300	2020	F3F 633A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 4WD XLT 60" CA 145" WB (F3F 633A)	$ 41,685	$32,833	(1,145.00)
301	2020	F3F 633A	2020 FORD F-350 REGULAR CAB CHASSIS SRW 4WD XLT 60" CA 145" WB DIESEL (F3F 633A)	$ 52,180	$43,442	(1,145.00)
302	2020	X3E 630A	2020 FORD F-350 SUPER CAB CHASSIS SRW 2WD XL 60" CA 168" WB (X3E 630A)	$ 36,885	$28,420	(995.00)
303	2020	X3E 630A	2020 FORD F-350 SUPER CAB CHASSIS SRW 2WD XL 60" CA 168" WB DIESEL (X3E 630A)	$ 47,380	$39,029	(995.00)
304	2020	X3E 633A	2020 FORD F-350 SUPER CAB CHASSIS SRW 2WD XLT 60" CA 168" WB (X3E 633A)	$ 40,740	$31,979	(995.00)
305	2020	X3E 633A	2020 FORD F-350 SUPER CAB CHASSIS SRW 2WD XLT 60" CA 168" WB DIESEL (X3E 633A)	$ 51,235	$42,588	(995.00)
306	2020	X3F 630A	2020 FORD F-350 SUPER CAB CHASSIS SRW 4WD XL 60" CA 168" WB (X3F 630A)	$ 40,385	$31,582	(995.00)

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307	2020	X3F 630A	2020 FORD F-350 SUPER CAB CHASSIS SRW 4WD XL 60" CA 168" WB DIESEL (X3F 630A)	$ 50,880	$42,191	(995.00)
308	2020	X3F 633A	2020 FORD F-350 SUPER CAB CHASSIS SRW 4WD XLT 60" CA 168" WB (X3F 633A)	$ 44,235	$35,138	(995.00)
309	2020	X3F 633A	2020 FORD F-350 SUPER CAB CHASSIS SRW 4WD XLT 60" CA 168" WB DIESEL (X3F 633A)	$ 54,730	$45,747	(995.00)
310	2020	W3E 630A	2020 FORD F-350 CREW CAB CHASSIS SRW 2WD XL 60" CA 179" WB (W3E 630A)	$ 37,750	$29,201	(995.00)
311	2020	W3E 630A	2020 FORD F-350 CREW CAB CHASSIS SRW 2WD XL 60" CA 179" WB DIESEL (W3E 630A)	$ 48,245	$39,810	(995.00)
312	2020	W3E 633A	2020 FORD F-350 CREW CAB CHASSIS SRW 2WD XLT 60" CA 179" WB (W3E 633A)	$ 42,370	$33,452	(995.00)
313	2020	W3E 633A	2020 FORD F-350 CREW CAB CHASSIS SRW 2WD XLT 60" CA 179" WB DIESEL (W3E 633A)	$ 52,865	$44,061	(995.00)
314	2020	W3F 630A	2020 FORD F-350 CREW CAB CHASSIS SRW 4WD XL 60" CA 179" WB (W3F 630A)	$ 41,250	$32,364	(995.00)
315	2020	W3F 630A	2020 FORD F-350 CREW CAB CHASSIS SRW 4WD XL 60" CA 179" WB DIESEL (W3F 630A)	$ 51,745	$42,973	(995.00)
316	2020	W3F 633A	2020 FORD F-350 CREW CAB CHASSIS SRW 4WD XLT 60" CA 179" WB (W3F 633A)	$ 45,875	$36,619	(995.00)
317	2020	W3F 633A	2020 FORD F-350 CREW CAB CHASSIS SRW 4WD XLT 60" CA 179" WB DIESEL (W3F 633A)	$ 56,370	$47,228	(995.00)
318	2020	F3G 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XL 60" CA 145" WB (F3G 640A)	$ 35,805	$27,443	(2,045.00)
319	2020	F3G 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XL 60" CA 145" WB DIESEL (F3G 640A)	$ 46,300	$38,052	(2,045.00)
320	2020	F3G 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XLT 60" CA 145" WB (F3G 643A)	$ 39,265	$30,645	(2,045.00)
321	2020	F3G 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XLT 60" CA 145" WB DIESEL (F3G 643A)	$ 49,760	$41,254	(2,045.00)
322	2020	F3G 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XL 84" CA 169" WB (F3G 640A)	$ 35,980	$27,602	(2,045.00)
323	2020	F3G 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XL 84" CA 169" WB DIESEL (F3G 640A)	$ 46,475	$38,211	(2,045.00)
324	2020	F3G 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XLT 84" CA 169" WB (F3G 643A)	$ 39,445	$30,808	(2,045.00)
325	2020	F3G 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XLT 84" CA 169" WB DIESEL (F3G 643A)	$ 49,940	$41,417	(2,045.00)
326	2020	F3H 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XL 60" CA 145" WB (F3H 640A)	$ 39,280	$30,584	(1,445.00)
327	2020	F3H 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XL 60" CA 145" WB DIESEL (F3H 640A)	$ 49,775	$41,193	(1,445.00)
328	2020	F3H 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XLT 60" CA 145" WB (F3H 643A)	$ 42,750	$33,795	(1,445.00)
329	2020	F3H 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XLT 60" CA 145" WB DIESEL (F3H 643A)	$ 53,245	$44,404	(1,445.00)
330	2020	F3H 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XL 84" CA 169" WB (F3H 640A)	$ 39,460	$30,746	(1,445.00)
331	2020	F3H 640A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XL 84" CA 169" WB DIESEL (F3H 640A)	$ 49,955	$41,355	(1,445.00)
332	2020	F3H 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XLT 84" CA 169" WB (F3H 643A)	$ 42,920	$33,950	(1,445.00)
333	2020	F3H 643A	2020 FORD F-350 REGULAR CAB CHASSIS DRW 4WD XLT 84" CA 169" WB DIESEL (F3H 643A)	$ 53,415	$44,559	(1,445.00)
334	2020	X3G 640A	2020 FORD F-350 SUPER CAB CHASSIS DRW 2WD XL 60" CA 168" WB (X3G 640A)	$ 38,090	$29,508	(995.00)
335	2020	X3G 640A	2020 FORD F-350 SUPER CAB CHASSIS DRW 2WD XL 60" CA 168" WB DIESEL (X3G 640A)	$ 48,585	$40,117	(995.00)
336	2020	X3G 643A	2020 FORD F-350 SUPER CAB CHASSIS DRW 2WD XLT 60" CA 168" WB (X3G 643A)	$ 41,825	$32,960	(995.00)
337	2020	X3G 643A	2020 FORD F-350 SUPER CAB CHASSIS DRW 2WD XLT 60" CA 168" WB DIESEL (X3G 643A)	$ 52,320	$43,569	(995.00)
338	2020	X3H 640A	2020 FORD F-350 SUPER CAB CHASSIS DRW 4WD XL 60" CA 168" WB (X3H 640A)	$ 41,590	$32,671	(995.00)
339	2020	X3H 640A	2020 FORD F-350 SUPER CAB CHASSIS DRW 4WD XL 60" CA 168" WB DIESEL (X3H 640A)	$ 52,085	$43,280	(995.00)
340	2020	X3H 643A	2020 FORD F-350 SUPER CAB CHASSIS DRW 4WD XLT 60" CA 168" WB (X3H 643A)	$ 45,330	$36,127	(995.00)





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341	2020	X3H 643A	2020 FORD F-350 SUPER CAB CHASSIS DRW 4WD XLT 60" CA 168" WB DIESEL (X3H 643A)	$ 55,825	$46,736	(995.00)
342	2020	W3G 640A	2020 FORD F-350 CREW CAB CHASSIS DRW 2WD XL 60" CA 179" WB (W3G 640A)	$ 38,955	$30,290	(1,895.00)
343	2020	W3G 640A	2020 FORD F-350 CREW CAB CHASSIS DRW 2WD XL 60" CA 179" WB DIESEL (W3G 640A)	$ 49,450	$40,899	(1,895.00)
344	2020	W3G 643A	2020 FORD F-350 CREW CAB CHASSIS DRW 2WD XLT 60" CA 179" WB (W3G 643A)	$ 43,455	$34,433	(1,895.00)
345	2020	W3G 643A	2020 FORD F-350 CREW CAB CHASSIS DRW 2WD XLT 60" CA 179" WB DIESEL (W3G 643A)	$ 53,950	$45,042	(1,895.00)
346	2020	W3H 640A	2020 FORD F-350 CREW CAB CHASSIS DRW 4WD XL 60" CA 179" WB (W3H 640A)	$ 42,455	$33,453	(1,895.00)
347	2020	W3H 640A	2020 FORD F-350 CREW CAB CHASSIS DRW 4WD XL 60" CA 179" WB DIESEL (W3H 640A)	$ 52,950	$44,062	(1,895.00)
348	2020	W3H 643A	2020 FORD F-350 CREW CAB CHASSIS DRW 4WD XLT 60" CA 179" WB (W3H 643A)	$ 46,960	$37,601	(1,895.00)
349	2020	W3H 643A	2020 FORD F-350 CREW CAB CHASSIS DRW 4WD XLT 60" CA 179" WB DIESEL (W3H 643A)	$ 57,455	$48,210	(1,895.00)
350	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 60"CA 145" WB (F4G 650A)	$ 39,270	$32,428	(1,360.00)
351	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 60"CA 145" WB DIESEL (F4G 650A)	$ 48,595	$41,904	(1,360.00)
352	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 60"CA 145" WB (F4G 653A)	$ 42,735	$35,661	(1,360.00)
353	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 60"CA 145" WB DIESEL (F4G 653A)	$ 52,060	$45,137	(1,360.00)
354	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 84"CA 169" WB (F4G 650A)	$ 39,440	$32,582	(1,360.00)
355	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 84"CA 169" WB DIESEL (F4G 650A)	$ 48,765	$42,058	(1,360.00)
356	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 84"CA 169" WB (F4G 653A)	$ 42,915	$35,824	(1,360.00)
357	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 84"CA 169" WB DIESEL (F4G 653A)	$ 52,240	$45,300	(1,360.00)
358	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 108"CA 193" WB (F4G 650A)	$ 39,615	$32,741	(1,360.00)
359	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 108"CA 193" WB DIESEL (F4G 650A)	$ 48,940	$42,217	(1,360.00)
360	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 108"CA 193" WB (F4G 653A)	$ 43,095	$35,987	(1,360.00)
361	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 108"CA 193" WB DIESEL (F4G 653A)	$ 52,420	$45,463	(1,360.00)
362	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 120"CA 205" WB (F4G 650A)	$ 39,795	$32,903	(1,360.00)
363	2020	F4G 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XL 120"CA 205" WB DIESEL (F4G 650A)	$ 49,120	$42,379	(1,360.00)
364	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 120"CA 205" WB (F4G 653A)	$ 43,260	$36,135	(1,360.00)
365	2020	F4G 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 2WD XLT 120"CA 205" WB DIESEL (F4G 653A)	$ 52,585	$45,611	(1,360.00)
366	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 60"CA 145" WB (F4H 650A)	$ 42,165	$35,045	(1,360.00)
367	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 60"CA 145" WB DIESEL (F4H 650A)	$ 51,490	$44,521	(1,360.00)
368	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 60"CA 145" WB (F4H 653A)	$ 45,640	$38,287	(1,360.00)
369	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 60"CA 145" WB DIESEL (F4H 653A)	$ 54,965	$47,763	(1,360.00)
370	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 84"CA 169" WB (F4H 650A)	$ 42,340	$35,204	(1,360.00)
371	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 84"CA 169" WB DIESEL (F4H 650A)	$ 51,665	$44,680	(1,360.00)
372	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 84"CA 169" WB (F4H 653A)	$ 45,810	$38,440	(1,360.00)
373	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 84"CA 169" WB DIESEL (F4H 653A)	$ 55,135	$47,916	(1,360.00)
374	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 108"CA 193" WB (F4H 650A)	$ 42,515	$35,362	(1,360.00)

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375	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 108"CA 193" WB DIESEL (F4H 650A)	$ 51,840	$44,838	(1,360.00)
376	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 108"CA 193" WB (F4H 653A)	$ 45,990	$38,603	(1,360.00)
377	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 108"CA 193" WB DIESEL (F4H 653A)	$ 55,315	$48,079	(1,360.00)
378	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 120"CA 205" WB (F4H 650A)	$ 42,690	$35,519	(1,360.00)
379	2020	F4H 650A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XL 120"CA 205" WB DIESEL (F4H 650A)	$ 52,015	$44,995	(1,360.00)
380	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 120"CA 205" WB (F4H 653A)	$ 46,160	$38,758	(1,360.00)
381	2020	F4H 653A	2020 FORD F-450 REGULAR CAB CHASSIS DRW 4WD XLT 120"CA 205" WB DIESEL (F4H 653A)	$ 55,485	$48,234	(1,360.00)
382	2020	X4G 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XL 60"CA 168" WB (X4G 650A)	$ 41,555	$34,493	(1,360.00)
383	2020	X4G 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XL 60"CA 168" WB DIESEL (X4G 650A)	$ 50,880	$43,969	(1,360.00)
384	2020	X4G 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XLT 60"CA 168" WB (X4G 653A)	$ 45,295	$37,975	(1,360.00)
385	2020	X4G 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XLT 60"CA 168" WB DIESEL (X4G 653A)	$ 54,620	$47,451	(1,360.00)
386	2020	X4G 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XL 84"CA 192" WB (X4G 650A)	$ 41,730	$34,652	(1,360.00)
387	2020	X4G 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XL 84"CA 192" WB DIESEL (X4G 650A)	$ 51,055	$44,128	(1,360.00)
388	2020	X4G 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XLT 84"CA 192" WB (X4G 653A)	$ 45,475	$38,138	(1,360.00)
389	2020	X4G 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 2WD XLT 84"CA 192" WB DIESEL (X4G 653A)	$ 54,800	$47,614	(1,360.00)
390	2020	X4H 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XL 60"CA 168" WB (X4H 650A)	$ 45,055	$37,658	(1,360.00)
391	2020	X4H 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XL 60"CA 168" WB DIESEL (X4H 650A)	$ 54,380	$47,134	(1,360.00)
392	2020	X4H 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XLT 60"CA 168" WB (X4H 653A)	$ 48,800	$41,143	(1,360.00)
393	2020	X4H 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XLT 60"CA 168" WB DIESEL (X4H 653A)	$ 58,125	$50,619	(1,360.00)
394	2020	X4H 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XL 84"CA 192" WB (X4H 650A)	$ 45,230	$37,815	(1,360.00)
395	2020	X4H 650A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XL 84"CA 192" WB DIESEL (X4H 650A)	$ 54,555	$47,291	(1,360.00)
396	2020	X4H 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XLT 84"CA 192" WB (X4H 653A)	$ 48,975	$41,301	(1,360.00)
397	2020	X4H 653A	2020 FORD F-450 SUPER CAB CHASSIS DRW 4WD XLT 84"CA 192" WB DIESEL (X4H 653A)	$ 58,300	$50,777	(1,360.00)
398	2020	W4G 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XL 60"CA 179" WB (W4G 650A)	$ 42,415	$35,272	(1,360.00)
399	2020	W4G 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XL 60"CA 179" WB DIESEL (W4G 650A)	$ 51,740	$44,748	(1,360.00)
400	2020	W4G 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XLT 60"CA 179" WB (W4G 653A)	$ 46,935	$39,457	(1,360.00)
401	2020	W4G 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XLT 60"CA 179" WB DIESEL (W4G 653A)	$ 56,260	$48,933	(1,360.00)
402	2020	W4G 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XL 84"CA 203" WB (W4G 650A)	$ 42,595	$35,434	(1,360.00)
403	2020	W4G 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XL 84"CA 203" WB DIESEL (W4G 650A)	$ 51,920	$44,910	(1,360.00)
404	2020	W4G 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XLT 84"CA 203" WB (W4G 653A)	$ 47,105	$39,612	(1,360.00)
405	2020	W4G 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 2WD XLT 84"CA 203" WB DIESEL (W4G 653A)	$ 56,430	$49,088	(1,360.00)
406	2020	W4H 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XL 60"CA 179" WB (W4H 650A)	$ 45,915	$38,434	(1,360.00)
407	2020	W4H 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XL 60"CA 179" WB DIESEL (W4H 650A)	$ 55,240	$47,910	(1,360.00)
408	2020	W4H 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XLT 60"CA 179" WB (W4H 653A)	$ 50,420	$46,315	(1,360.00)

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409	2020	W4H 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XLT 60"CA 179" WB DIESEL (W4H 653A)	$ 59,745	$55,791	(1,360.00)
410	2020	W4H 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XL 84"CA 203" WB (W4H 650A)	$ 46,090	$38,593	(1,360.00)
411	2020	W4H 650A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XL 84"CA 203" WB DIESEL (W4H 650A)	$ 55,415	$48,069	(1,360.00)
412	2020	W4H 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XLT 84"CA 203" WB (W4H 653A)	$ 50,600	$42,770	(1,360.00)
413	2020	W4H 653A	2020 FORD F-450 CREW CAB CHASSIS DRW 4WD XLT 84"CA 203" WB DIESEL (W4H 653A)	$ 59,925	$52,246	(1,360.00)
414	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 60"CA 145" WB (F5G 660A)	$ 40,365	$33,418	(1,360.00)
415	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 60"CA 145" WB DIESEL (F5G 660A)	$ 49,690	$42,894	(1,360.00)
416	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 60"CA 145" WB (F5G 663A)	$ 43,840	$36,660	(1,360.00)
417	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 60"CA 145" WB DIESEL (F5G 663A)	$ 53,165	$46,136	(1,360.00)
418	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 84"CA 169" WB (F5G 660A)	$ 40,540	$33,577	(1,360.00)
419	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 84"CA 169" WB DIESEL (F5G 660A)	$ 49,865	$43,053	(1,360.00)
420	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 84"CA 169" WB (F5G 663A)	$ 44,010	$36,814	(1,360.00)
421	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 84"CA 169" WB DIESEL (F5G 663A)	$ 53,335	$46,290	(1,360.00)
422	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 108"CA 193" WB (F5G 660A)	$ 40,715	$33,734	(1,360.00)
423	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 108"CA 193" WB DIESEL (F5G 660A)	$ 50,040	$43,210	(1,360.00)
424	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 108"CA 193" WB (F5G 663A)	$ 44,190	$36,977	(1,360.00)
425	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 108"CA 193" WB DIESEL (F5G 663A)	$ 53,515	$46,453	(1,360.00)
426	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 120"CA 205" WB (F5G 660A)	$ 40,890	$33,893	(1,360.00)
427	2020	F5G 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XL 120"CA 205" WB DIESEL (F5G 660A)	$ 50,215	$43,369	(1,360.00)
428	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 120"CA 205" WB (F5G 663A)	$ 44,360	$37,130	(1,360.00)
429	2020	F5G 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 2WD XLT 120"CA 205" WB DIESEL (F5G 663A)	$ 53,685	$46,606	(1,360.00)
430	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 60"CA 145" WB (F5H 660A)	$ 43,270	$36,044	(1,360.00)
431	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 60"CA 145" WB DIESEL (F5H 660A)	$ 52,595	$45,520	(1,360.00)
432	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 60"CA 145" WB (F5H 663A)	$ 47,265	$39,756	(1,360.00)
433	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 60"CA 145" WB DIESEL (F5H 663A)	$ 56,590	$49,232	(1,360.00)
434	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 84"CA 169" WB (F5H 660A)	$ 43,440	$36,197	(1,360.00)
435	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 84"CA 169" WB DIESEL (F5H 660A)	$ 52,765	$45,673	(1,360.00)
436	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 84"CA 169" WB (F5H 663A)	$ 46,915	$39,440	(1,360.00)
437	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 84"CA 169" WB DIESEL (F5H 663A)	$ 56,240	$48,916	(1,360.00)
438	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 108"CA 193" WB (F5H 660A)	$ 43,615	$36,357	(1,360.00)
439	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 108"CA 193" WB DIESEL (F5H 660A)	$ 52,940	$45,833	(1,360.00)
440	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 108"CA 193" WB (F5H 663A)	$ 47,095	$39,602	(1,360.00)
441	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 108"CA 193" WB DIESEL (F5H 663A)	$ 56,420	$49,078	(1,360.00)
442	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 120"CA 205" WB (F5H 660A)	$ 43,795	$36,518	(1,360.00)

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443	2020	F5H 660A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XL 120"CA 205" WB DIESEL (F5H 660A)	$ 53,120	$45,994	(1,360.00)
444	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 120"CA 205" WB (F5H 663A)	$ 47,265	$39,756	(1,360.00)
445	2020	F5H 663A	2020 FORD F-550 REGULAR CAB CHASSIS DRW 4WD XLT 120"CA 205" WB DIESEL (F5H 663A)	$ 56,590	$49,232	(1,360.00)
446	2020	X5G 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XL 60"CA 168" WB (X5G 660A)	$ 42,655	$35,488	(1,360.00)
447	2020	X5G 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XL 60"CA 168" WB DIESEL (X5G 660A)	$ 51,980	$44,964	(1,360.00)
448	2020	X5G 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XLT 60"CA 168" WB (X5G 663A)	$ 46,400	$38,974	(1,360.00)
449	2020	X5G 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XLT 60"CA 168" WB DIESEL (X5G 663A)	$ 55,725	$48,450	(1,360.00)
450	2020	X5G 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XL 84"CA 192" WB (X5G 660A)	$ 42,830	$35,646	(1,360.00)
451	2020	X5G 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XL 84"CA 192" WB DIESEL (X5G 660A)	$ 52,155	$45,122	(1,360.00)
452	2020	X5G 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XLT 84"CA 192" WB (X5G 663A)	$ 46,575	$39,132	(1,360.00)
453	2020	X5G 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 2WD XLT 84"CA 192" WB DIESEL (X5G 663A)	$ 55,900	$48,608	(1,360.00)
454	2020	X5H 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XL 60"CA 168" WB (X5H 660A)	$ 46,155	$38,652	(1,360.00)
455	2020	X5H 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XL 60"CA 168" WB DIESEL (X5H 660A)	$ 55,480	$48,128	(1,360.00)
456	2020	X5H 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XLT 60"CA 168" WB (X5H 663A)	$ 49,895	$42,133	(1,360.00)
457	2020	X5H 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XLT 60"CA 168" WB DIESEL (X5H 663A)	$ 59,220	$51,609	(1,360.00)
458	2020	X5H 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XL 84"CA 192" WB (X5H 660A)	$ 46,330	$38,810	(1,360.00)
459	2020	X5H 660A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XL 84"CA 192" WB DIESEL (X5H 660A)	$ 55,655	$48,286	(1,360.00)
460	2020	X5H 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XLT 84"CA 192" WB (X5H 663A)	$ 50,075	$42,296	(1,360.00)
461	2020	X5H 663A	2020 FORD F-550 SUPER CAB CHASSIS DRW 4WD XLT 84"CA 192" WB DIESEL (X5H 663A)	$ 59,400	$51,772	(1,360.00)
462	2020	W5G 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XL 60"CA 179" WB (W5G 660A)	$ 43,515	$36,265	(1,360.00)
463	2020	W5G 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XL 60"CA 179" WB DIESEL (W5G 660A)	$ 52,840	$45,741	(1,360.00)
464	2020	W5G 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XLT 60"CA179" WB (W5G 663A)	$ 48,020	$40,438	(1,360.00)
465	2020	W5G 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XLT 60"CA179" WB DIESEL (W5G 663A)	$ 57,345	$49,914	(1,360.00)
466	2020	W5G 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XL 84"CA 203" WB (W5G 660A)	$ 43,690	$36,424	(1,360.00)
467	2020	W5G 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XL 84"CA 203" WB DIESEL (W5G 660A)	$ 53,015	$45,900	(1,360.00)
468	2020	W5G 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XLT 84"CA 203" WB (W5G 663A)	$ 48,200	$40,600	(1,360.00)
469	2020	W5G 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 2WD XLT 84"CA 203" WB DIESEL (W5G 663A)	$ 57,525	$50,076	(1,360.00)
470	2020	W5H 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XL 60"CA 179" WB (W5H 660A)	$ 47,015	$39,429	(1,360.00)
471	2020	W5H 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XL 60"CA 179" WB DIESEL (W5H 660A)	$ 56,340	$48,905	(1,360.00)
472	2020	W5H 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XLT 60"CA 179" WB (W5H 663A)	$ 51,525	$43,606	(1,360.00)
473	2020	W5H 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XLT 60"CA 179" WB DIESEL (W5H 663A)	$ 60,850	$53,082	(1,360.00)
474	2020	W5H 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XL 84"CA 203" WB (W5H 660A)	$ 47,195	$39,591	(1,360.00)
475	2020	W5H 660A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XL 84"CA 203" WB DIESEL (W5H 660A)	$ 56,520	$49,067	(1,360.00)
476	2020	W5H 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XLT 84"CA 203" WB (W5H 663A)	$ 51,369	$43,759	(1,360.00)

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477	2020	W5H 663A	2020 FORD F-550 CREW CAB CHASSIS DRW 4WD XLT 84"CA 203" WB DIESEL (W5H 663A)	$ 60,694	$53,235	(1,360.00)
478	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 60"CA 145" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
479	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 60"CA 145" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
480	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 60"CA 145" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
481	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 60"CA 145" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
482	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 84"CA 169" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
483	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 84"CA 169" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
484	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 84"CA 169" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
485	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 84"CA 169" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
486	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 108"CA 193" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
487	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 108"CA 193" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
488	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 108"CA 193" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
489	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 108"CA 193" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
490	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 120"CA 205" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
491	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XL 120"CA 205" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
492	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 120"CA 205" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
493	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 2WD XLT 120"CA 205" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
494	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 60"CA 145" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
495	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 60"CA 145" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
496	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 60"CA 145" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
497	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 60"CA 145" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
498	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 84"CA 169" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
499	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 84"CA 169" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
500	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 84"CA 169" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
501	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 84"CA 169" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
502	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 108"CA 193" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
503	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 108"CA 193" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
504	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 108"CA 193" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
505	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 108"CA 193" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
506	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 120"CA 205" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
507	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XL 120"CA 205" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
508	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 120"CA 205" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
509	2021	F-600	2021 FORD F-600 REGULAR CAB CHASSIS DRW 4WD XLT 120"CA 205" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
510	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XL 60"CA 168" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00

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511	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XL 60"CA 168" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
512	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XLT 60"CA 168" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
513	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XLT 60"CA 168" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
514	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XL 84"CA 192" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
515	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XL 84"CA 192" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
516	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XLT 84"CA 192" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
517	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 2WD XLT 84"CA 192" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
518	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XL 60"CA 168" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
519	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XL 60"CA 168" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
520	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XLT 60"CA 168" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
521	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XLT 60"CA 168" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
522	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XL 84"CA 192" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
523	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XL 84"CA 192" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
524	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XLT 84"CA 192" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
525	2021	F-600	2021 FORD F-600 SUPER CAB CHASSIS DRW 4WD XLT 84"CA 192" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
526	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XL 60"CA 179" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
527	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XL 60"CA 179" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
528	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XLT 60"CA179" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
529	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XLT 60"CA179" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
530	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XL 84"CA 203" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
531	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XL 84"CA 203" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
532	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XLT 84"CA 203" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
533	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 2WD XLT 84"CA 203" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
534	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 4WD XL 60"CA 179" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
535	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 4WD XL 60"CA 179" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
536	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 4WD XLT 60"CA 179" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
537	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 4WD XLT 60"CA 179" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
538	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 4WD XL 84"CA 203" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
539	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 4WD XL 84"CA 203" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
540	2021	F-600	2021 FORD F-600 CREW CAB CHASSIS DRW 4WD XLT 84"CA 203" WB **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
541	2021	F-600	2021 FORD F-550 CREW CAB CHASSIS DRW 4WD XLT 84"CA 203" WB DIESEL **** COMING SOON - EARLY 2020**** (F-600)		TBA	0.00
542	2021	E3F 20X	2021 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY SRW 10,050 GVWR 138" WB (E3F 20X)	$ 31,385	$25,811	0.00
543	2021	E3F 20Y	2021 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY DRW 11,500 GVWR 138" WB (E3F 20Y)	$ 31,635	$26,037	0.00
544	2021	E3F 20X	2021 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY SRW 10,050 GVWR 158" WB (E3F 20X)	$ 31,635	$26,037	0.00

ALAN JAY FLEET SALES

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Awarded Contract

ROW	YEAR	MODEL CODE	MODEL DESCRIPTION	MSRP	FL CONTRACT PRICE	(EOD) Early order discount, prior to 11/1/19
545	2021	E3F 20Y	2021 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY DRW 11,500 GVWR 158" WB (E3F 20Y)	$ 31,885	$26,263	0.00
546	2021	E3F 20C	2021 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY DRW 12,500 GVWR 176" WB (E3F 20C)	$ 32,385	$26,714	0.00
547	2021	E4F 20F	2021 FORD ECONOLINE E-450 COMMERCIAL CUTAWAY DRW 14,500 GVWR 158" WB (E4F 20F)	$ 33,860	$28,048	0.00
548	2021	E4F 20F	2021 FORD ECONOLINE E-450 COMMERCIAL CUTAWAY DRW 14,500 GVWR 176" WB (E4F 20F)	$ 34,590	$28,708	0.00
549	2021	E3K	2021 FORD E-SERIES STRIPPED CHASSIS E-350 11,500 GVWR 138"WB (E3K)	$ 28,445	$23,155	0.00
550	2021	E3K	2021 FORD E-SERIES STRIPPED CHASSIS E-350 12,500 GVWR 158"WB (E3K)	$ 28,695	$23,380	0.00
551	2021	E3K	2021 FORD E-SERIES STRIPPED CHASSIS E-350 12,500 GVWR 176"WB (E3K)	$ 29,195	$23,831	0.00
552	2021	E4K	2021 FORD E-SERIES STRIPPED CHASSIS E-450 14,500 GVWR 158"WB (E4K)	$ 30,670	$25,165	0.00
553	2021	E4K	2021 FORD E-SERIES STRIPPED CHASSIS E-450 14,500 GVWR 176"WB (E4K)	$ 31,170	$25,617	0.00
554	2020	R5Z 138	2020 FORD TRANSIT CHASSIS T-250 - SRW - 138" WB 9070 GVWR - RWD - (R5Z 138)	$ 31,205	$23,689	0.00
555	2020	R5Z 156	2020 FORD TRANSIT CHASSIS T-250 - SRW - 156" WB 9070 GVWR - RWD - (R5Z 156)	$ 31,705	$24,140	0.00
556	2020	W5Z 138	2020 FORD TRANSIT CHASSIS T-350 - SRW - 138" WB 9500 GVWR - RWD - (W5Z 138)	$ 31,980	$24,390	0.00
557	2020	W5Z 156	2020 FORD TRANSIT CHASSIS T-350 - SRW - 156" WB 9500 GVWR - RWD - (W5Z 156)	$ 32,480	$24,841	0.00
558	2020	F6Z 138	2020 FORD TRANSIT CHASSIS T-350 - DRW - 138"WB 9950 GVWR - RWD - (F6Z 138)	$ 33,005	$25,316	0.00
559	2020	F6Z 156	2020 FORD TRANSIT CHASSIS T-350 - DRW - 156"WB 9950 GVWR - RWD - (F6Z 156)	$ 33,755	$25,993	0.00
560	2020	F6Z 178	2020 FORD TRANSIT CHASSIS T-350 - DRW - 178"WB 9950 GVWR - RWD - (F6Z 178)	$ 34,505	$26,671	0.00
561	2020	S6Z 138	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 138"WB 10360 GVWR - RWD - **** DIESEL ONLY **** (S6Z 138)	$ 37,305	$29,200	0.00
562	2020	S6Z 156	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 156"WB 10360 GVWR - RWD - **** DIESEL ONLY **** (S6Z 156)	$ 38,060	$29,882	0.00
563	2020	S6Z 178	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 178"WB 10360 GVWR - RWD - **** DIESEL ONLY **** (S6Z 178)	$ 38,805	$30,556	0.00
564	2020	U6Z 138	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 138"WB 11000 GVWR - RWD - **** 3.5L ECO BOOST ONLY **** (U6Z 138)	$ 35,525	$27,590	0.00
565	2020	U6Z 156	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 156"WB 11000 GVWR - RWD - **** 3.5L ECO BOOST ONLY **** (U6Z 156)	$ 36,280	$28,272	0.00
566	2020	U6Z 178	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 178"WB 11000 GVWR - RWD - **** 3.5L ECO BOOST ONLY **** (U6Z 178)	$ 37,025	$28,947	0.00
567	2020	R7Z 138	2020 FORD TRANSIT CHASSIS T-250 - SRW - 138" WB 9070 GVWR - AWD - (R7Z 138)	$ 35,900	$27,933	0.00
568	2020	R7Z 156	2020 FORD TRANSIT CHASSIS T-250 - SRW - 156" WB 9070 GVWR - AWD - (R7Z 156)	$ 36,400	$28,384	0.00
569	2020	W7Z 138	2020 FORD TRANSIT CHASSIS T-350 - SRW - 138" WB 9500 GVWR - AWD - (W7Z 138)	$ 36,675	$28,632	0.00
570	2020	W7Z 156	2020 FORD TRANSIT CHASSIS T-350 - SRW - 156" WB 9500 GVWR - AWD - (W7Z 156)	$ 37,175	$29,084	0.00
571	2020	F8Z 138	2020 FORD TRANSIT CHASSIS T-350 - DRW - 138"WB 9950 GVWR - AWD - (F8Z 138)	$ 37,700	$29,559	0.00
572	2020	F8Z 156	2020 FORD TRANSIT CHASSIS T-350 - DRW - 156"WB 9950 GVWR - AWD - (F8Z 156)	$ 38,450	$30,237	0.00
573	2020	F8Z 178	2020 FORD TRANSIT CHASSIS T-350 - DRW - 178"WB 9950 GVWR - AWD - (F8Z 178)	$ 39,200	$30,915	0.00
574	2020	S8Z 138	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 138"WB 10360 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (S8Z 138)	$ 39,665	$31,332	0.00
575	2020	S8Z 156	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 156"WB 10360 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (S8Z 156)	$ 40,420	$32,014	0.00
576	2020	S8Z 178	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 178"WB 10360 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (S8Z 178)	$ 41,165	$32,687	0.00
577	2020	U8Z 138	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 138"WB 11000 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (U8Z 138)	$ 40,220	$31,834	0.00
578	2020	U8Z 156	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 156"WB 11000 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (U8Z 156)	$ 40,975	$32,515	0.00

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579	2020	U8Z 178	2020 FORD TRANSIT CHASSIS T-350HD - DRW - 178"WB 11000 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (U8Z 178)	$ 41,720	$33,190	0.00
580	2020	R5P 138	2020 FORD TRANSIT CUT-AWAY T-250 - SRW - 138" WB 9070 GVWR - RWD - (R5P 138)	$ 30,635	$23,174	0.00
581	2020	R5P 156	2020 FORD TRANSIT CUT-AWAY T-250 - SRW - 156" WB 9070 GVWR - RWD - (R5P 156)	$ 31,130	$33,921	0.00
582	2020	W5P 138	2020 FORD TRANSIT CUT-AWAY T-350 - SRW - 138" WB 9500 GVWR - RWD - (W5P 138)	$ 31,405	$23,869	0.00
583	2020	W5P 156	2020 FORD TRANSIT CUT-AWAY T-350 - SRW - 156" WB 9500 GVWR - RWD - (W5P 156)	$ 31,905	$24,322	0.00
584	2020	F6P 138	2020 FORD TRANSIT CUT-AWAY T-350 - DRW - 138"WB 9950 GVWR - RWD - (F6P 138)	$ 32,430	$24,795	0.00
585	2020	F6P 156	2020 FORD TRANSIT CUT-AWAY T-350 - DRW - 156"WB 9950 GVWR - RWD - (F6P 156)	$ 33,180	$25,474	0.00
586	2020	F6P 178	2020 FORD TRANSIT CUT-AWAY T-350 - DRW - 178"WB 9950 GVWR - RWD - (F6P 178)	$ 33,930	$26,152	0.00
587	2020	S6P 138	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 138"WB 10360 GVWR - RWD - **** DIESEL ONLY **** (S6P 138)	$ 36,735	$28,685	0.00
588	2020	S6P 156	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 156"WB 10360 GVWR - RWD - **** DIESEL ONLY **** (S6P 156)	$ 37,480	$29,357	0.00
589	2020	S6P 178	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 178"WB 10360 GVWR - RWD - **** DIESEL ONLY **** (S6P 178)	$ 38,230	$30,036	0.00
590	2020	U6P 138	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 138"WB 11000 GVWR - RWD - **** 3.5L ECO BOOST ONLY **** (U6P 138)	$ 34,955	$27,075	0.00
591	2020	U6P 156	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 156"WB 11000 GVWR - RWD - **** 3.5L ECO BOOST ONLY **** (U6P 156)	$ 35,700	$27,749	0.00
592	2020	U6P 178	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 178"WB 11000 GVWR - RWD - **** 3.5L ECO BOOST ONLY **** (U6P 178)	$ 36,450	$28,426	0.00
593	2020	R7P 138	2020 FORD TRANSIT CUT-AWAY T-250 - SRW - 138" WB 9070 GVWR - AWD - (R7P 138)	$ 35,330	$27,417	0.00
594	2020	R7P 156	2020 FORD TRANSIT CUT-AWAY T-250 - SRW - 156" WB 9070 GVWR - AWD - (R7P 156)	$ 35,825	$27,865	0.00
595	2020	W7P 138	2020 FORD TRANSIT CUT-AWAY T-350 - SRW - 138" WB 9500 GVWR - AWD - (W7P 138)	$ 36,100	$28,113	0.00
596	2020	W7P 156	2020 FORD TRANSIT CUT-AWAY T-350 - SRW - 156" WB 9500 GVWR - AWD - (W7P 156)	$ 36,600	$28,564	0.00
597	2020	F8P 138	2020 FORD TRANSIT CUT-AWAY T-350 - DRW - 138"WB 9950 GVWR - AWD - (F8P 138)	$ 34,125	$29,039	0.00
598	2020	F8P 156	2020 FORD TRANSIT CUT-AWAY T-350 - DRW - 156"WB 9950 GVWR - AWD - (F8P 156)	$ 37,875	$29,717	0.00
599	2020	F8P 178	2020 FORD TRANSIT CUT-AWAY T-350 - DRW - 178"WB 9950 GVWR - AWD - (F8P 178)	$ 38,625	$30,396	0.00
600	2020	S8P 138	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 138"WB 10360 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (S8P 138)	$ 39,095	$30,817	0.00
601	2020	S8P 156	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 156"WB 10360 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (S8P 156)	$ 39,840	$31,490	0.00
602	2020	S8P 178	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 178"WB 10360 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (S8P 178)	$ 41,145	$32,670	0.00
603	2020	U8P 138	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 138"WB 11000 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (U8P 138)	$ 39,650	$31,319	0.00
604	2020	U8P 156	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 156"WB 11000 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (U8P 156)	$ 40,395	$31,991	0.00
605	2020	U8P 178	2020 FORD TRANSIT CUT-AWAY T-350HD - DRW - 178"WB 11000 GVWR - AWD - **** 3.5L ECO BOOST ONLY **** (U8P 178)	$ 41,145	$32,670	0.00
606	2021	F6B	2021 FORD F-650 KICK-UP FRAME REGULAR CAB W/ 6.8L V10 GAS ENGINE (F6B)	$ 59,160	$46,786	0.00
607	2021	F6A	2021 FORD F-650 STRAIT FRAME REGULAR CAB W/ 6.8L V10 GAS ENGINE (F6A)	$ 60,295	$47,370	0.00
608	2021	X6B	2021 FORD F-650 KICK-UP FRAME EXTENDED CAB W/ 6.8L V10 GAS ENGINE (X6B)	$ 61,580	$48,156	0.00
609	2021	X6A	2021 FORD F-650 STRAIT FRAME EXTENDED CAB W/ 6.8L V10 GAS ENGINE (X6A)	$ 62,265	$48,740	0.00
610	2021	W6B	2021 FORD F-650 KICK-UP FRAME CREW CAB W/ 6.8L V10 GAS ENGINE (W6B)	$ 64,275	$50,041	0.00
611	2021	W6A	2021 FORD F-650 STRAIT FRAME CREW CAB W/ 6.8L V10 GAS ENGINE (W6A)	$ 64,960	$50,625	0.00
612	2021	F6E	2021 FORD F-650 KICK-UP FRAME REGULAR CAB W/ 6.7L POWER STROKE DIESEL (F6E)	$ 68,975	$54,152	0.00

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ROW	YEAR	MODEL CODE	MODEL DESCRIPTION	MSRP	FL CONTRACT PRICE	(EOD) Early order discount, prior to 11/1/19
613	2021	F6D	2021 FORD F-650 STRAIT FRAME REGULAR CAB W/ 6.7L POWER STROKE DIESEL (F6D)	$ 69,660	$54,736	0.00
614	2021	X6E	2021 FORD F-650 KICK-UP FRAME EXTENDED CAB W/ 6.7L POWER STROKE DIESEL (X6E)	$ 70,945	$55,316	0.00
615	2021	X6D	2021 FORD F-650 STRAIT FRAME EXTENDED CAB W/ 6.7L POWER STROKE DIESEL (X6D)	$ 71,630	$55,900	0.00
616	2021	W6E	2021 FORD F-650 KICK-UP FRAME CREW CAB W/ 6.7L POWER STROKE DIESEL (W6E)	$ 73,640	$56,995	0.00
617	2021	W6D	2021 FORD F-650 STRAIT FRAME CREW CAB W/ 6.7L POWER STROKE DIESEL (W6D)	$ 74,325	$57,579	0.00
618	2021	F6T	2021 FORD F-650 TRACTOR REGULAR CAB W/ 6.7L POWER STROKE DIESEL (F6T)	$ 73,650	$58,156	0.00
619	2021	X6T	2021 FORD F-650 TRACTOR EXTENDED CAB W/ 6.7L POWER STROKE DIESEL (X6T)	$ 75,030	$58,799	0.00
620	2021	W6T	2021 FORD F-650 TRACTOR CREW CAB W/ 6.7L POWER STROKE DIESEL (W6T)	$ 77,725	$60,478	0.00
621	2021	F7A	2021 FORD F-750 STRAIT FRAME REGULAR CAB W/ 6.8L V10 GAS ENGINE (F7A)	$ 62,185	$47,847	0.00
622	2021	X7A	2021 FORD F-750 STRAIT FRAME EXTENDED CAB W/ 6.8L V10 GAS ENGINE (X7A)	$ 64,155	$49,527	0.00
623	2021	W7A	2021 FORD F-750 STRAIT FRAME CREW CAB W/ 6.8L V10 GAS ENGINE (W7A)	$ 66,850	$51,515	0.00
624	2021	F7D	2021 FORD F-750 STRAIT FRAME REGULAR CAB W/ 6.7L POWER STROKE DIESEL (F7D)	$ 71,550	$55,523	0.00
625	2021	X7D	2021 FORD F-750 STRAIT FRAME EXTENDED CAB W/ 6.7L POWER STROKE DIESEL (X7D)	$ 73,520	$56,687	0.00
626	2021	W7D	2021 FORD F-750 STRAIT FRAME CREW CAB W/ 6.7L POWER STROKE DIESEL (W7D)	$ 76,215	$58,469	0.00
627	2021	F7T	2021 FORD F-750 TRACTOR REGULAR CAB W/ 6.7L POWER STROKE DIESEL (F7T)	$ 75,540	$58,943	0.00
628	2021	X7T	2021 FORD F-750 TRACTOR EXTENDED CAB W/ 6.7L POWER STROKE DIESEL (X7T)	$ 76,920	$59,586	0.00
629	2021	W7T	2021 FORD F-750 TRACTOR CREW CAB W/ 6.7L POWER STROKE DIESEL (W7T)	$ 79,615	$61,367	0.00

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Quote **24469-1**

PHONE (800) ALANJAY (252-6529)		DIRECT 863-385-9610		WWW.ALANJAY.COM	
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 904-838-4999 FAX 863-402-4221		Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200

ORIGINAL QUOTE DATE
1/28/2020

QUICK QUOTE SHEET

REVISED QUOTE DATE
1/28/2020

REQUESTING AGENCY **COCOA, CITY OF**
CONTACT PERSON **TONY JONES** EMAIL TJONES@COCOAFL.ORG
PHONE **321-433-8766** MOBILE **321-355-8926** FAX **321-433-8768**

SOURCEWELL (FORMERLY NJPA) CONTRACT # 2020-120716 NAF www.NationalAutoFleetGroup.com

MODEL F3G — **MSRP** $35,980.00

2020 FORD F-350 REGULAR CAB CHASSIS DRW 2WD XL 84" CA 169" WB (F3G 640A)

CUSTOMER ID

NJPA PRICE $27,602.00

BED LENGTH 84"CA

*** All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.*

FACTORY OPTIONS	DESCRIPTION	
Z1 AS	EXTERIOR COLOR OXFORD WHITE WITH MEDIUM EARTH GRAY HD VINYL 40/20/40 SPLIT BENCH SEAT INCLUDES CENTER ARMREST WITH CUPHOLDERS, STORAGE, AND DRIVERS SIDE MANUAL LUMBAR.	$0.00
996 44G	6.2L FLEX-FUEL V8 WITH 10-SPEED AUTOMATIC TRANSMISSION (STD)	$0.00
872	FACTORY REAR VIEW CAMERA & PREP KIT WITH ELECTROCHROMIC MIRRIOR, CAMERA SHIPS LOOSE FOR INSTALLATION AFTER BODY INSTALL	$410.00
90L	Power Equipment Group -inc: Deletes passenger-side lock cylinder, upgraded door trim panel, Accessory Delay, Advanced Security Pack, SecuriLock Passive Anti-Theft System (PATS) and inclination/intrusion sensors, Power Locks, Remote Keyless Entry, Manual Telescoping/Folding Trailer Tow Mirrors, power heated glass, heated convex spotter mirror and integrated clearance lights and turn signal indicators, Power Front Seat Windows, 1-touch up/down driver/passenger window, Power Tailgate Lock	$910.00
	FACTORY OPTIONS	**$1,320.00**

CONTRACT OPTIONS	DESCRIPTION	
NO-TEMP	CUSTOMER WILL HANDLE THEIR OWN TAG WORK	$0.00
INCOMPLETE	Vehicle being sold as Incomplete chassis. Requires further modification by second stage manufacturer.	$0.00
EWD	EXTENDED WARRANTY DECLINED.	$0.00
	CONTRACT OPTIONS	**$0.00**

TRADE IN

TOTAL COST **$28,922.00**

YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~ $0.00

TOTAL COST LESS TRADE IN(S) **QTY** **1** **$28,922.00**

Estimated Annual payments for 60 months paid in advance: $6,477.34
Municipal finance for any essential use vehicle, requires lender approval, WAC.

Comments

VEHICLE QUOTED BY **CHRISTY SELF** **GOVERNMENT ACCOUNT MANAGER** christy.self@AlanJay.com

"I Want to be Your Fleet Provider"

I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time. I am always happy to be of assistance.

ALAN JAY FLEET

CHRISTY SELF | 863-385-9610 | CHRISTY.SELF@ALANJAY.COM

Vehicle: [Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA (Complete)

Window Sticker

SUMMARY

[Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA — MSRP:$35,980.00

Interior:Medium Earth Gray, HD Vinyl 40/20/40 Split Bench Seat

Exterior 1:Oxford White

Exterior 2:No color has been selected.

Engine: 6.2L 2-Valve SOHC EFI NA V8 (Flex-Fuel)

Transmission: TorqShift 10-Speed Automatic

OPTIONS

CODE	MODEL	MSRP
F3G	[Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA	$35,980.00
	OPTIONS	
44G	Transmission: TorqShift 10-Speed Automatic	$0.00
640A	Order Code 640A	$0.00
64K	Wheels: 17" Argent Painted Steel	$0.00
872	Rear View Camera & Prep Kit	$415.00
90L	Power Equipment Group	$915.00
996	Engine: 6.2L 2-Valve SOHC EFI NA V8 (Flex-Fuel)	$0.00
AS	Medium Earth Gray, HD Vinyl 40/20/40 Split Bench Seat	$0.00
TD8	Tires: LT245/75Rx17E BSW PLUS A/S	$0.00
X37	3.73 Axle Ratio	$0.00
Z1	Oxford White	$0.00
	SUBTOTAL	**$37,310.00**
	Adjustments Total	$0.00
	Destination Charge	$1,595.00
	TOTAL PRICE	**$38,905.00**

FUEL ECONOMY

Est City:N/A

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Data Version: 10200. Data Updated: Jan 27, 2020 10:20:00 PM PST.

Vehicle: [Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA (Complete)

Est Highway:N/A

Est Highway Cruising Range:N/A

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Data Version: 10200. Data Updated: Jan 27, 2020 10:20:00 PM PST.

ALAN JAY FLEET

CHRISTY SELF | 863-385-9610 | CHRISTY.SELF@ALANJAY.COM

Vehicle: [Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA (Complete)

Standard Equipment

Mechanical	
	Engine: 6.2L 2-Valve SOHC EFI NA V8 (Flex-Fuel) (STD)
	Transmission: TorqShift 10-Speed Automatic -inc: selectable drive modes: normal, tow/haul, eco and deep sand/snow (STD)
	3.73 Axle Ratio (STD)
	50-State Emissions System
	Transmission w/Oil Cooler
	Rear-Wheel Drive
	72-Amp/Hr 650CCA Maintenance-Free Battery w/Run Down Protection
	HD 200 Amp Alternator
	Towing Equipment -inc: Trailer Sway Control
	Trailer Wiring Harness
	7330# Maximum Payload
	GVWR: 14,000 lb Payload Package
	HD Shock Absorbers
	Front And Rear Anti-Roll Bars
	Firm Suspension
	Hydraulic Power-Assist Steering
	40 Gal. Fuel Tank
	Single Stainless Steel Exhaust
	Dual Rear Wheels
	Front Suspension w/Coil Springs
	Leaf Rear Suspension w/Leaf Springs
	4-Wheel Disc Brakes w/4-Wheel ABS, Front And Rear Vented Discs and Brake Assist
	Upfitter Switches
Exterior	
	Wheels: 17" Argent Painted Steel -inc: Hub covers/center ornaments not included (STD)
	Tires: LT245/75Rx17E BSW PLUS A/S (STD)
	Clearcoat Paint

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ALAN JAY FLEET

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Vehicle: [Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA (Complete)

Exterior	
	Black Front Bumper w/Black Rub Strip/Fascia Accent and 2 Tow Hooks
	Black Side Windows Trim and Black Front Windshield Trim
	Black Door Handles
	Black Manual Side Mirrors w/Manual Folding
	Manual Extendable Trailer Style Mirrors
	Fixed Rear Window
	Light Tinted Glass
	Variable Intermittent Wipers
	Aluminum Panels
	Black Grille
	Front License Plate Bracket
	Autolamp Fully Automatic Aero-Composite Halogen Daytime Running Lights Preference Setting Headlamps w/Delay-Off
	Cab Clearance Lights
Entertainment	
	Radio w/Seek-Scan
	Radio: AM/FM Stereo w/MP3 Player -inc: 4 speakers
	Fixed Antenna
	SYNC Communications & Entertainment System -inc: enhanced voice recognition, 911 Assist, 4.2" LCD center stack screen, AppLink, 1 smart-charging USB-C port and steering wheel audio controls
Interior	
	4-Way Driver Seat -inc: Manual Recline and Fore/Aft Movement
	4-Way Passenger Seat -inc: Manual Recline and Fore/Aft Movement
	Manual Tilt/Telescoping Steering Column
	Gauges -inc: Speedometer, Odometer, Oil Pressure, Engine Coolant Temp, Tachometer, Transmission Fluid Temp, Engine Hour Meter, Trip Odometer and Trip Computer
	FordPass Connect 4G LTE WiFi Mobile Hotspot Internet Access
	Manual Air Conditioning
	Illuminated Locking Glove Box
	Interior Trim -inc: Chrome Interior Accents

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Data Version: 10200. Data Updated: Jan 27, 2020 10:20:00 PM PST.

Vehicle: [Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA (Complete)

Interior	
	Full Cloth Headliner
	Urethane Gear Shift Knob
	HD Vinyl 40/20/40 Split Bench Seat -inc: center armrest, cupholder, storage and driver's side manual lumbar
	Day-Night Rearview Mirror
	Passenger Visor Vanity Mirror
	2 12V DC Power Outlets
	Front Map Lights
	Fade-To-Off Interior Lighting
	Full Vinyl/Rubber Floor Covering
	Underhood Lights
	Smart Device Remote Engine Start
	Instrument Panel Covered Bin and Dashboard Storage
	Manual 1st Row Windows
	Systems Monitor
	Trip Computer
	Outside Temp Gauge
	Analog Display
	Manual Adjustable Front Head Restraints
	Air Filtration
Safety-Mechanical	
	Driveline Traction Control
Safety-Exterior	
	Side Impact Beams
Safety-Interior	
	Dual Stage Driver And Passenger Seat-Mounted Side Airbags
	Low Tire Pressure Warning
	Dual Stage Driver And Passenger Front Airbags w/Passenger Off Switch
	Safety Canopy System Curtain 1st Row Airbags
	Outboard Front Lap And Shoulder Safety Belts -inc: Height Adjusters

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ALAN JAY FLEET

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Vehicle: [Fleet] 2020 Ford Super Duty F-350 DRW (F3G) XL 2WD Reg Cab 169" WB 84" CA (Complete)

WARRANTY

Basic Years: 3
Basic Miles/km: 36,000
Drivetrain Years: 5
Drivetrain Miles/km: 60,000
Corrosion Years: 5
Corrosion Miles/km: Unlimited
Roadside Assistance Years: 5
Roadside Assistance Miles/km: 60,000

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Data Version: 10200. Data Updated: Jan 27, 2020 10:20:00 PM PST.

City of Cocoa Budget Adjustment Form FY 2020 - 20-026-T

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER | REQUESTING DEPARTMENT #: 3510 | DATE PREPARED: 01/31/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 36,000)	001-3510-541.46-00		Repairs and Maintenance	$ 1,148,000	$ 1,176,984	$ 1,140,984	$ 712,610
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 36,000)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 36,000	001-3510-541.64-00	CA2001	Machinery and Equipment	$ 31,000	$ 66,300	$ 102,300	$ 67,000
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 36,000	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

Need to replenish account for the cost of the new Streets Division Concrete Crew Truck. Agenda 20-103

CITY COUNCIL APPROVAL REQUIRED? YES (●) NO ( ) DATE APPROVED: 02/26/20 RESOLUTION #: 2020-122

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

1/31/20	Abigail Morgan (Digitally signed by Abigail Morgan Date: 2020.01.31 15:27:07 -05'00')	1/31/20	Lea Taylor (Digitally signed by Lea Taylor Date: 2020.01.31 16:54:25 -05'00')		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
1/31/20	Bryant Smith (Digitally signed by Bryant Smith Date: 2020.01.31 16:52:36 -05'00')	2/13/20	Lora Howell (Digitally signed by Lora Howell Date: 2020.02.13 16:32:41 -05'00')		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Legislation Details (With Text)

File #:	20-106	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Consent Agenda
File created:	2/10/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve Budget Adjustment 20-038-A, Amending the FY2020 Budget for the Capital Project Fund Riverfront Park/Lee Wenner. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Budget Resolution FY 2020.docx BAF 20-038-A -FN-Riverfront Park Reversal (2-26-20) Agenda 20-106.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 10, 2020
Agenda Date: February 26, 2020
Prepared By: Lora Howell, Deputy Finance Director
Through: Rebecca Bowman, MBA, CGFO, CGFM, Finance Director
Requested Action:
Approve Budget Adjustment 20-038-A, Amending the FY2020 Budget for the Capital Project Fund Riverfront Park/Lee Wenner.

BACKGROUND:

During the FY2020 Budget Roll, Capital Projects Account 302-3580-519.63-00, was inadvertently supplied budget in the amount of $1,719,250. The activity code of 519, was changed between fiscal years, to the correct activity code in the State Chart of Accounts to 572 (Parks). Because of this change, when we rolled the budget forward from FY2019, the incorrect account was also provided budget in FY2020. This Budget Amendment 20-038-A, will remove the budget with Activity Code (519) and it will not be used going forward for this project. The correct Activity Code (572) has sufficient budget in place, for the projects at the Riverfront and Lee Wenner Parks.

STRATEGIC PLAN CONNECTION:

Budget/Accounting Correction

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	Yes

Budget Amendment # 20-038-A

Amount Requested	($1,719,250)
Account Number	302-0000-389.99-50
Account Name	Capital Projects Fund Balance Reserves

Amount Requested	($1,719,250)
Account Number	302-3580-519.63-00 (ES17HI)
Account Name	Infrastructure

PREVIOUS ACTION:

NA

RECOMMENDED MOTION:

Approve Budget Adjustment 20-038-A, Amending the FY2020 Budget for the Capital Project Fund Riverfront Park/Lee Wenner.

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City of Cocoa Budget Adjustment Form FY 2020 - 20-038-A

SELECT ADJUSTMENT TYPE: BUDGET AMENDMENT | REQUESTING DEPARTMENT #: 1500 | DATE PREPARED: 02/05/20

'REVENUE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 1,719,250)	302-0000-389.99-50		Fund Balance Reserves	$ 0	$ 3,455,788	$ 1,736,538	$ 1,736,538
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 1,719,250)	TOTAL						

'EXPENSE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 1,719,250)	302-3580-519.63-00	ES17HI	Infrastructure	$ 0	$ 1,719,250	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 1,719,250)	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

Partial reversal of BAF 20-007. During the budget rollover, budget for Riverfront Park and Lee Wenner Park was supplied to account 302-3580-519.63-00 (activity code 519 - General Government), as well as to account 302-3580-572.63-00 (activity code 572 - Parks), causing a duplication in the budgetary entry. This BAF is to reverse the duplicate budgetary entry, leaving a budget in the 302-3580-572.63-00 account only. Agenda 20-106.

CITY COUNCIL APPROVAL REQUIRED? *YES* (●) *NO* ( ) *DATE APPROVED:* _____ *RESOLUTION #:* 2020-110

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/5/20	Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.05 10:48:08 -05'00'	2/5/20	Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.05 10:48:10 -05'00'		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/11/20	Rebecca Bowman Digitally signed by Rebecca Bowman Date: 2020.02.11 11:03:53 -05'00'	2/10/20	Lora Howell Digitally signed by Lora Howell Date: 2020.02.10 10:05:53 -05'00'		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Legislation Details (With Text)

File #:	20-114	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Consent Agenda
File created:	2/11/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Accept the Brevard County Lucas Chest Compression Grant Revenues and Approve a Resolution Amending the FY2020 Budget, BAF#20-041-A. (Fire Chief)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Brevard County EMS Grant Award FY20.pdf Budget Resolution FY 2020.docx BAF 20-041-A -FD-Lucas Device Grant (2-26-20) Agenda 20-114.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 10, 2020
Agenda Date: February 26, 2020
Prepared By: Jonathan Lamm, Fire Chief
Through: John A. Titkanich Jr., City Manager
Requested Action:
Accept the Brevard County Lucas Chest Compression Grant Revenues and Approve a Resolution Amending the FY2020 Budget, BAF#20-041-A.

BACKGROUND:

The Fire Department applied for a Brevard County EMS Grant in late 2019 for a Lucas Compression Device. The Lucas Device is a piece of medical equipment that assists paramedics and EMTs with chest compressions at medical incidents that require CPR. On January 28th, 2019 the City was notified that it had been awarded the EMS grant for the Lucas Device in the amount of $16,541.00. This is a 100% grant and there is no required match by the City.

STRATEGIC PLAN CONNECTION:

Public Safety- Having advanced medical equipment directly affects the timely and efficient delivery of emergency medical services to our citizens.

BUDGETARY IMPACT:

Budgeted	No
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment # 20-041-A

Amount Requested	$16,541.00
Account Number	001-0000-337.20-02
Account Name	EMS First Responder GR2004

Amount Requested	$16,541.00
Account Number	001-2201-522.64-01
Account Name	Machinery and Equipment GR2004

Source of Funds: ____State Revolving Loan
____ Other Loan Source:_
__X__ Grant Source: Brevard County EMS Grant_
____ Bond:_
____ Reserves Source:_
____ Transfer Acct #:_

PREVIOUS ACTION:

None

RECOMMENDED MOTION:
Accept the Brevard County Lucas Chest Compression Grant and Approve a Resolution Amending the FY2020 Budget, BAF# 20-041-A.

Brevard County Fire Rescue

Timothy J. Mills Fire Rescue Center
1040 S. Florida Avenue
Rockledge, Florida 32955

Phone – (321) 633-2056
Fax – (321) 637-5383

January 28, 2020

Cocoa Fire Department
65 Stone Street
Cocoa, Florida 32922
ATTN: Mr. John Titkanich, City Manager

Dear Mr. Titkanich,

You have requested funding in the amount of $16,540.57 on the behalf of the Cocoa Fire Department, to purchase a LUCAS 3.0 Chest Compression System.

After the applications were reviewed, it has been decided that your request is approved. An agreement is enclosed for your agency's approval. When it is returned signed and approved you may utilize the award as specified in the grant agreement.

The approval for this funding will require that all purchases be made within 120 days from the date of the award and that proof of the purchases (invoices and copies of checks submitted for payment) be provided to Brevard County Fire Rescue within 30 days after purchase is complete, for reimbursement. If purchases cannot be made within that time period, please contact Brevard County Fire Rescue so that we may discuss an extension.

I may also designate a member of Brevard County Fire Rescue to visualize the equipment that you purchase with these funds.

If you have any questions regarding your approval, please do not hesitate to contact me. Thank you,

Mark Schollmeyer, Fire Chief
Brevard County Fire Rescue

EMS GRANT AGREEMENT

THIS AGREEMENT made and entered into this _____, day of _____, 2020, by and between the **Board of County Commissioners of Brevard County, Florida,** a political subdivision of the State of Florida located at 2725 Judge Fran Jamieson Way, Viera, Florida 32940 (hereinafter "Brevard County" or "Grantor"), and **City of Cocoa,** a business having its primary business location at 65 Stone St, Cocoa FL 32922, (hereinafter the "Grant Recipient" or "Grantee").

RECITALS

WHEREAS, the State of Florida Department of Health has awarded Brevard County funding through the Emergency Medical Services (EMS) Trust Fund, which is authorized under 401.113(2)(a), Florida Statutes and allows for the levy of traffic violation surcharges for the purpose of funding improvements and expansion of pre-hospital Emergency Medical Services (EMS), and

WHEREAS, Brevard County desires to provide funds to EMS providers within the County for these purposes, and

WHEREAS, the Grant Recipient has submitted a successful application through the local grant award process, and

WHEREAS, the provision of such services shall mutually benefit the parties hereto and the residents of Brevard County, Florida.

NOW THEREFORE, in consideration of the covenants herein contained, it is mutually agreed between the parties as follows:

1. **GRANT AWARD:** Brevard County shall provide to the Grant Recipient a grant fund distribution for the improvement and expansion of pre-hospital Emergency Medical Services (EMS) in the amount of $16,540.57.

2. **FUND ACCOUNTING:** Grantee shall deposit all Emergency Medical Services (EMS) grant funds distributed hereunder in an account maintained by Grantee, and assigned a unique accounting code designator for all grant deposits and disbursements or expenditures thereof. All EMS grant funds in the account maintained by Grantee shall be accounted for separately from all other Grantee funds. The Grant Recipient shall document all interest earned on any required reports.

3. **USE OF GRANT FUNDS:** All Emergency Medical Services (EMS) grant funds shall be used within one hundred twenty (120) days of receipt solely for activities as outlined in Attachment "A" (Itemized Budget), attached and incorporated by this reference. No expenditures are allowable as grant costs unless they are clearly specified as a line item in the approved Itemized Budget (Attachment "A"), including change requests approved in writing by Brevard County, or are clearly included under an existing line item. The Grant Recipient is not restricted to staying within the line item amounts within the approved grant budget. However, the Grant Recipient

must adhere to the approved total grant budget. Any expenditures beyond this budget are the full responsibility of the Grant Recipient.

4. **SUPPLANTING FUNDS:** Grantee acknowledges and agrees that the Emergency Medical Services (EMS) grant funds distributed hereunder shall be used to improve and expand pre-hospital EMS and that the funds will not be used to supplant the Grantee's existing EMS budget allocations, if any. The applicant cannot propose to use grant funds to supplant or replace any other funding source. Funds may not be used to fulfill the matching requirement on another grant program.

5. **PROCUREMENT PROCEDURES.** Grantee agrees to utilize the procurement procedures already established by Grantee when purchasing eligible budgeted materials or services under this Grant. If no formal procedures exist for the Grantee, the following procedures should be utilized (if applicable):

   (a) If the purchase amount is less than $750, no formal purchase procedures are required;

   (b) If the purchase amount is $750 or more, Grantee shall solicit formal written bids from a minimum of three vendors;

   (c) Grantee shall maintain sufficient records to detail the significant history of procurement. These records shall include, but are not limited to: rationale for the method of procurement, selection of vendor and basis for the solicited prices.

6. **RETURN OF UNEXPENDED FUNDS:** Any unencumbered Emergency Medical Services grant funds as of September 30, of 2020, including interest, remaining in the assigned Grantee account shall be reported to and returned to Brevard County.

7. **VEHICLES AND EQUIPMENT:** Grantee shall own all items, including vehicles and equipment purchased with the Emergency Medical Services (EMS) grant funds, unless otherwise described in the approved grant application and Itemized Budget (Attachment "A"). Grantee shall clearly document any assignment of equipment ownership and usage; and maintain these documents so they are available to Brevard County. The owner of the vehicle shall be responsible for the proper insurance, licensing and, permitting and maintenance. All equipment purchased with grant funds shall continue to be used for pre-hospital EMS or the purpose for which it was purchased throughout its useful life. When any grant-funded equipment is no longer usable, it may be sold for scrap or disposed of in the customary procedure of the Grant Recipient.

8. **TRANSFER OF PROPERTY:** If Grantee is a private organization that ceases to operate on or before November 20, 2025, and Grantee possesses any vehicles, equipment or other items funded hereunder in whole or in part and purchased to provide services for Brevard County, a municipality, or other public agency, then Grantee agrees to transfer the equipment or other items to the applicable local agency. There shall be no cost to the agency receiving the items. This provision is applicable when services cease operating due to a contract ending as well as any other reason.

9. **REPORT:** Within 120 days of Grantee's receipt of the Emergency Medical Services (EMS) grant

funds, Grantee will submit a final grant report to Brevard County. The final report shall at a minimum contain a narrative describing the activities conducted including any bid or purchasing process, an account of any interest earned on grant funds, and a copy of all invoices and canceled checks relating to the purchase of any equipment and supplies. If the activity funded was for training, Grantee shall list all individuals receiving the training along with the dates, times and location of the training. If the grant was for training purchased individually by staff, then Grantee shall submit a copy of all invoices and payment documents for the training. Grantee agrees that Brevard County may conduct an on-site inspection and verification of all equipment purchased under this agreement.

10. **COMMUNICATIONS EQUIPMENT:** The Grantee shall have all communications activities, services, and equipment approved in writing by the State of Florida Department of Management Services, Information Technology Program (ITP). The approval must be dated after the beginning date of the grant. Any commitment to purchase the requested equipment and service shall also be dated after the beginning date of the grant.

11. **CREDIT STATEMENT:** Grantee agrees that where activities supported by this grant produce original writing, sound recording, pictorial reproductions, drawings or other graphic representations and works of any other nature, notices, informational pamphlets, press releases, advertisements, descriptions of the sponsorship of the program, research reports, and similar public notices prepared and released by the provider shall include the statement:

"Sponsored by [Your Organization's Name], the Brevard County Board of County Commissioners, and the State of Florida, Department of Health, Bureau of Emergency Medical Services."

If the sponsorship reference is in written or other visual material, the words, "Brevard County Board of County Commissioners, and the State of Florida, Department of Health, Bureau of Emergency Medical Services" shall appear in the same size letter or type as the name of the Grant Recipient's organization.

One complimentary copy of all such materials shall be sent to Brevard County within one week of their reproduction and delivery to Grantee. If the proper credit statement is not included, or if a copy of each item produced is not provided to Brevard County within one week, Brevard County shall disallow the cost for any such materials.

Where activities supported by this grant produce writing, sound recordings, pictorial reproductions, drawings, or other graphic representations and works of any similar nature, Brevard County and the State of Florida Department of Health Bureau of Emergency Medical Services, and others acting on their behalf, have the right to use, duplicate and disclose such materials in whole or in part, in any manner or purpose whatsoever. If the materials so developed are subject to copyright, trademark, or patent, legal title and every right, interest, claim, or demand of any kind in and to any patent, trademark or copyright, or application for the same, will vest in the State of Florida, Department of State, for the exclusive use and benefits of the state. Pursuant to section 286.021, Florida Statute, no person, firm or corporation, including

parties to this grant, shall be entitled to use the copyright, patent or trademark without the prior written consent of the Department of State.

12. **FINANCIAL AND COMPLIANCE AUDIT REQUIREMENTS:** This is applicable if the Grantee is any local government entity, nonprofit organization, or for-profit organization. An audit, performed in accordance with section 215.97, Florida Statutes by the Auditor General shall satisfy this requirement.

13. **STATE FUNDED NONPROFIT ORGANIZATION:** This part is applicable if the Grant Recipient is a nonprofit organization that expends a total of $100,000 or more in funds from the Florida Department of Health, Bureau of Emergency Services during its fiscal year, which was not paid from a rate contract based on a set state or area-wide fixed rate for service, and of which less than $300,000 is federally funded. The determination of when a Grant Recipient has "expended" funds is based on when the activity related to the award occurs.

The Grant Recipient agrees to have an annual financial audit performed by independent auditors in accordance with the current Government Auditing Standards issued by the Comptroller General of the United States. Such audits shall cover the entire organization for the organization's fiscal year. The scope of the audit performed shall cover the financial statements and include reports on internal control and compliance. The reporting package shall include a schedule that discloses the amount of expenditures and/or receipts by grant number for this grant and each grant with the Florida Department of Health, Bureau of Emergency Services in effect during the audit period. Compliance findings related to grants with the Florida Department of Health, Bureau of Emergency Services shall be based on the grant requirements, including any rules, regulations, or statutes referenced in the grant. The financial statements shall disclose whether or not the matching requirement was met for each applicable grant. All questioned costs and liabilities due to the Florida Department of Health, Bureau of Emergency Services shall be fully disclosed in the audit report with reference to the department grant involved. If the Grant Recipient receives funds from a grants and aids appropriation, the Grant Recipient shall have an audit, or submit an attestation statement, in accordance with Section 215.97, F. S. The audit report shall include a schedule of financial assistance, which discloses each state grant by number and indicates which grants are funded from state grants and aids appropriations. The Grant Recipient has "received" funds when it has obtained cash from the department or when it has incurred reimbursable expenses. Grantee agrees to submit the required reports.

14. **SUBMISSION OF AUDIT REPORTS:** A copy of any required audit report and any management letter by the independent auditors, or attestation statement, required by this Agreement shall be submitted to Brevard County within 180 days after the end of the Grant Recipient's fiscal year, unless otherwise required by Florida Statutes. In the event the audit shows that the entire funds disbursed hereunder, or any portion thereof, were not spent in accordance with the conditions of this Agreement, the Grant Recipient shall be held liable for reimbursement to Brevard County of all funds not spent in accordance with these applicable regulations and Agreement provisions within thirty (30) days after Brevard County has notified the Grant Recipient of such noncompliance.

15. **RECORDS RETENTION:**

a. In performance of this Contract, the GRANTEE shall keep books, records, and accounts of all activities related to this CONTRACT in compliance with generally accepted accounting procedures.

b. All audit working papers, documents, papers, books, records and accounts made or received by the GRANTEE in conjunction with this Contract, and the performance of this Contract shall be open to inspection during regular business hours by an authorized representative of the COUNTY. The COUNTY or any of its duly authorized representatives reserves the right to audit the GRANTEE's records related to this Grant at any time during the term of this Grant and for a period of five (5) years after final payment is made, or five (5) years after the date of any audit report is issued.

c. All records or documents created by or provided to the GRANTEE by the COUNTY in connection with this Contract are public records subject to Florida Public Records Law, Chapter 119, Florida Statutes.

d. Both Parties understand that Brevard County is subject to the Florida Public Records Law, Chapter 119, Florida Statutes. The GRANTEE agrees and understands that Florida has broad public records disclosure laws, and that any written communication with the GRANTEE, to include emails, email addresses, a copy of this contract, and any supporting documentation are subject to public disclosure upon request, unless otherwise exempt or confidential under Florida Statute.

e. "Public Records" are defined "all documents, papers, letters, maps, books, tapes, photographs, films, sound recordings, data processing software, or other material, regardless of the physical form, characteristics, or means of transmission, made or received pursuant to law or ordinance or in connection with the transaction of official business by any agency." (section 119.011(12), Florida Statutes).

f. Pursuant to Florida Statute Chapter 119, generally, and 119.0701 specifically, if records created by the COUNTY or the GRANTEE related to the performance of the services under this Grant do not fall under a specific exemption under Florida or federal law, the records - whether created or maintained by the GRANTEE or the COUNTY- must be provided to anyone making a public records request. It will be the GRANTEE'S duty to identify any information in records created by the GRANTEE which it deems is exempt under Florida or federal law and identify the statute number which requires the information be held exempt.

g. Pursuant to Section 119.0701, a request to inspect or copy public records relating to this GRANT must be made directly to the COUNTY. The GRANTEE shall direct individuals requesting public records to the public records custodian listed below. If the COUNTY does not possess the requested records, the COUNTY shall immediately notify the GRANTEE of the request and the GRANTEE must provide the records to the COUNTY or allow the records to be inspected or copied within twenty-four (24) hours (not including weekends and legal holidays) of the request so the

COUNTY can comply with the requirements of section 119.07, Florida Statutes. The GRANTEE may also provide a cost estimate to produce the requested documents consistent with the policy set forth in Brevard County Administrative Order AO-47, incorporated by this reference. A copy of AO-47 is available upon request from the COUNTY's public records custodian designated below.

i. Should any person or entity make a public records request of the COUNTY which requires or would require the COUNTY to allow inspection or provide copies of records which the GRANTEE maintains are exempt under the Public Records Law or otherwise confidential, it shall be the GRANTEE'S obligation to provide the County within a reasonable time of notification by the COUNTY to the GRANTEE of the records request, of the specific exemption or confidentiality provision to allow the COUNTY to comply with the requirements of section 119.07(1)(e) and (f), Florida Statutes.

j. Should the COUNTY face any kind of legal action to require or enforce inspection or production of any records provided by the GRANTEE to the COUNTY which the GRANTEE maintains are exempt or confidential from such inspection/production as a public record, the GRANTEE agrees to indemnify the COUNTY for all damages and expenses, including attorney's fees and costs. The GRANTEE shall hire and compensate attorney(s) who shall represent the interests of the COUNTY as well as the GRANTEE in defending such action. The GRANTEE shall also pay any costs to defend such action and shall pay any costs and attorney's fees which may be awarded pursuant to section 119.12, Florida Statutes.

k. Should the GRANTEE fail to provide the public records to the COUNTY within a reasonable time, the GRANTEE may be subject to penalties under section 119.10, Florida Statutes, including civil liability for the reasonable cost of enforcement incurred by the party requesting the records and may be subject to criminal penalties. The GRANTEE's failure to comply with public records requests is considered a material breach of this GRANT and grounds for termination.

l. The GRANTEE shall ensure that all public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the GRANT term and following completion of the GRANT if the GRANTEE does not transfer the records to the COUNTY.

m. Upon completion of the GRANT, the GRANTEE shall transfer, at no cost, to the COUNTY all public records in possession of the GRANTEE or keep and maintain public records required by the COUNTY to perform the service. If the GRANTEE transfers all public records to the COUNTY upon completion of the GRANT, the GRANTEE shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the GRANTEE keeps and maintains public records upon completion of the GRANT, the GRANTEE shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the COUNTY, upon request from the COUNTY's custodian of public records, in a format that is compatible with the information technology systems of the COUNTY.

IF THE GRANTEE HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER

119, FLORIDA STATUTES, TO THE GRANTEE'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS GRANT, CONTACT THE COUNTY'S CUSTODIAN OF PUBLIC RECORDS AT BREVARD COUNTY FIRE/RESCUE, Ms. PAMELA BARRETT, PAMELA.BARRETT@BREVARDFL.GOV, 1040 Florida Avenue, Rockledge, Florida 32955.

INDEPENDENT AGENCY: The Grant Recipient shall perform this Agreement as an independent agency and nothing contained herein shall be construed to be inconsistent with this relationship or status. Nothing in this Agreement shall be interpreted or construed to constitute the Grant Recipient or any of its agents or employees to be the agent, employee or representative of Brevard County. Oversight of any Grantee Staff shall be the responsibility of the Grantee.

16. **INDEMNIFICATION:** To the extent permitted by law and subject to the limitations contained in Section 768.28, Florida Statutes, the City shall indemnify and hold harmless the County and its agents and employees from and against any and all claims, damages, losses, bodily injuries (including death), and expenses, including attorney's fees, arising out of or resulting from any services provided pursuant to this Agreement, but only to the extent such claim, damage, loss, or expense is caused in whole or in part by the negligence of the City.

In agreeing to this provision, neither Party intends to waive any defense of sovereign immunity, or limit a damage to which it may be entitled under Section 768.28, Florida Statutes, or otherwise provided by law. Nothing herein shall be construed as consent by the County or the City to be sued by third parties in any matter arising out of any contract. The Parties acknowledge that specific consideration has been exchanged for this provision.

17. **INSURANCE:** The Grant Recipient, at its own expense, shall keep in force and at all times maintain during the term of this Agreement:

(a). General Liability Insurance: General Liability Insurance issued by responsible insurance companies and in a form acceptable to the County, with combined single limits of not less than One Million Dollars ($1,000,000) for Bodily Injury and Property Damage per occurrence (if applicable).

(b). Automobile Liability Insurance: Automobile Liability coverage shall be in the minimum amount of One Million Dollars ($1,000,000) combined single limits for Bodily Injury and Property Damage per accident (if applicable).

(c). Workers' Compensation Coverage: Full and complete Workers' Compensation Coverage, as required by State of Florida law shall be provided (if applicable).

(d). Professional Liability Insurance: Professional liability insurance, in an amount not less than $1,000,000 per claim, to cover its liabilities arising from activities performed under this Agreement (if applicable).

(e). Insurance Certificates: The Grant Recipient shall provide the County with Certificate(s) of

Insurance on all the policies of insurance and renewals thereof in a form(s) acceptable to the County. Said Liability Policies shall provide that the County be an additional insured and that the County shall be notified in writing of any reduction, cancellation or substantial change of policy or policies at least thirty (30) days prior to the effective date of said action. All insurance policies shall be issued by responsible companies who are acceptable to the County and licensed and authorized under the laws of the State of Florida.

18. **MODIFICATIONS TO AGREEMENT:** This Agreement, together with any Attachments, constitutes the entire contract between Brevard County and the Grant Recipient and supersedes all prior written or oral understandings. This Agreement and any Attachments may only be amended, supplemented or canceled by a written instrument duly executed by the parties hereto. The Brevard County Fire Chief shall have authority to execute modifications for awards not to exceed $24,999.00. For any modification that exceeds $24,999.00, the Chair of the Board of County Commissioners or County Manager shall have the authority to execute the modification. In certain circumstances, the State of Florida may need to approve the change.

19. **ASSIGNMENTS:** The Grant Recipient shall not assign any portion of this Agreement without the written permission of Brevard County. All conditions and assurances required by this Agreement are binding on Parties and their authorized successors in interest.

20. **ATTORNEY'S FEES:** In the event of any legal action to enforce the terms of this contract each party shall bear its own attorney's fees and costs.

21. **GOVERNING LAW:** This Agreement shall be governed, interpreted and construed according to the laws of the state of Florida.

22. **VENUE:** Venue for any legal action by any party to this Agreement to interpret, construe or enforce this Agreement shall be in a court of competent jurisdiction in and for Brevard County, Florida and any trial shall be non-jury.

23. **COMPLIANCE WITH STATUTES:** It shall be the Grant Recipient's responsibility to be aware of and comply with all federal, state and local laws, and is responsible for any and all permits, fees, and licenses necessary to perform the Grant. Nothing in this Agreement shall be construed as a waiver by GRANTOR of any requirements for local permits, fees and licenses.

24. **COMPLIANCE WITH ADA OF 1990:** The Grant Recipient must comply with the American with Disabilities Act of 1990 (PL101 -336), as amended, and all state and local laws requiring physical and program accessibility to people with disabilities, and agrees to defend, hold harmless, and indemnify Brevard County from and against and any and all liability for any noncompliance on the part of the Grant Recipient.

25. **TERMINATION:** If either party fails or refuses to perform any of the provisions of this Agreement or otherwise fails to timely satisfy the contract provisions, either may notify the other party in writing of the nonperformance and terminate the contract or such part of the contract as to

which there has been delay or a failure to properly perform. Such termination is effective upon the party's receipt of the Notice of Termination. Any vehicles, equipment or property purchased with grant funding prior to the date of termination shall, at the option of Brevard County, become the property of Brevard County, and Grantee agrees to process all paperwork necessary to transfer the vehicles, equipment or property to County.

26. **UNAUTHORIZED ALIEN WORKERS:** Brevard County will not intentionally award publicly-funded contracts to any Grant Recipient who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324a(e)(Section 274A(e) of the Immigration and Nationality Act "INA"). Brevard County shall consider the Grant Recipient's intentional employment of unauthorized aliens as grounds for immediate termination of this Agreement.

27. **FEDERAL TAX ID NUMBER:** The Grant Recipient shall provide to Brevard County its Federal Tax ID Number or, if the Grant Recipient is a sole proprietor, a Social Security Number.

28. **PUBLIC ENTITY CRIMES:** A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Grant Recipient, supplier, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of thirty six (36) months from the date of being placed on the convicted vendor list.

29. **DEBARMENT AND SUSPENSION:** Brevard County will not intentionally award contracts to any Grantee that:

(a) Has been debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal, State or local Department or agency;

(b) Has, within a 3-year period preceding the grant proposal, been convicted of or had a civil judgment rendered against it for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Is presently indicted or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) above; or

(d) Has, within a 3-year period preceding this grant application, had one or more public transactions (Federal, State, or local) terminated for cause or default.

30. **CONSTRUCTION OF AGREEMENT:** The parties acknowledge that they fully reviewed this Agreement, its attachments and had the opportunity to consult with legal counsel of their choice, and that this Agreement shall not be construed against any party as if they were the drafter of this Agreement.

31. **SEVERABILITY:** If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in any way.

32. **ATTACHMENTS:** In the performance of this Agreement, the Grant Recipient shall comply with Attachment "A" - Itemized Budget.

33. **NOTICE:** Notice under this Agreement shall be given by certified mail or hand delivery as follows: Mark Schollmeyer, Fire Chief, Brevard County Fire Rescue Department, 1040 S. Florida Avenue, Rockledge, FL 32955; and Notice shall be given to the Grant Recipient by certified mail or hand delivery as follows: City of Cocoa, 65 Stone St, Cocoa FL 32922.

IN WITNESS WHEREOF, the Parties have hereunto set their hands and seals on the day and year first above written.

FOR THE COUNTY/GRANTOR:

By: _____ 01-29-2020

Mark Schollmeyer, Brevard County Fire Chief **Date**

FOR THE GRANTEE:

By: _____ 1/29/20

Signature **Date**

John A. Titkanich, Jr., AICP, ICMA-CM, City Manager

Name & Title, Typed or Printed

City of Cocoa, 65 Stone St, Cocoa FL 32922

Name and Address of Organization

Attachment "A"
Itemized Budget

Item	Budgeted Amount
LUCAS 3.0 Chest Compression System	$16,540.57
Total	$16,540.57

City of Cocoa Budget Adjustment Form FY 2020 - 20-041-A

SELECT ADJUSTMENT TYPE: BUDGET AMENDMENT | REQUESTING DEPARTMENT #: 2201 | DATE PREPARED: 02/10/20

'REVENUE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 16,541	001-0000-337.20-02	GR2004	EMS Ist Responder	$ 0	$ 0	$ 16,541	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 16,541	TOTAL						

'EXPENSE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 16,541	001-2201-522.64-01	GR2004	Machinery and Equipment	$ 32,105	$ 32,105	$ 48,646	$ 18,228
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 16,541	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

The Fire Department received a grant to purchase a Lucas chest compression system. The system will cost $13,877 and additional supplies will cost $2,664. This transfer is to provide the budget for the receipt of the grant and expense of the chest compression system. Agenda item 20-114.

CITY COUNCIL APPROVAL REQUIRED? YES (●) NO ( ) DATE APPROVED: 02/26/20 RESOLUTION #: 2020-009

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/10/20	Joanne Soper (Digitally signed by Joanne Soper)	2/12/20	Lea Taylor (Digitally signed by Lea Taylor Date: 2020.02.12 11:31:10 -05'00')		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/10/20	Jonathan Lamm (Digitally signed by Jonathan Lamm)	2/12/20	Lora Howell (Digitally signed by Lora Howell Date: 2020.02.12 12:45:17 -05'00')		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Legislation Details (With Text)

File #:	20-116	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Consent Agenda
File created:	2/11/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approval to apply for a Firehouse Subs Grant, to Purchase Hydraulic Vehicle Extrication Equipment.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Firehouse Subs Grant Application.pdf Firehouse Subs Grant Internal Application.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 11, 2020
Agenda Date: February 26, 2020
Prepared By: Samuel Byrd, Deputy Fire Chief
Through: Jonathan Lamm, Fire Chief
Requested Action:
Approval to apply for a Firehouse Subs Grant, to Purchase Hydraulic Vehicle Extrication Equipment.

BACKGROUND:

Firehouse Subs Grant program provides emergency service agencies funding for life safety equipment. Cocoa Fire Rescue Department is currently in the process of trying to replace outdated hydraulic rescue tools to meet the needs of performing vehicle extrication on vehicles that have stronger, heavier duty materials that the existing tools cannot penetrate. The Department has replaced one set in this budget year and will still need to replace two other sets that are on front line apparatus.

If awarded, this grant it will allow the Department to obtain a second set of tools this fiscal year. An additional set will be requested in the 2021 budget to replace the third set. The amount requested through the Firehouse Subs Grant is for one set of hydraulic tools at $35,000. This is a 100% grant and there is no match by the City.

Typically, Firehouse Subs makes the purchase of the equipment on behalf of the City. Should they decide to submit a check to the City, the Fire Department will return to City Council to accept the revenues and fill out the appropriate Budget Adjustment Form.

STRATEGIC PLAN CONNECTION:

Public Safety - Having hydraulic rescue tools directly affects the timely and efficient delivery of rescue services to our community.

BUDGETARY IMPACT:

N/A

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Approval to apply for a Firehouse Subs Grant, to Purchase Hydraulic Vehicle Extrication Equipment.
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Please do not submit this PDF, it is for reference only. Our grant application process is entirely digital.

APPLICANT AND DEPARTMENT INFORMATION

First Name Robert	Last Name Seeber	Department Tax ID# 59-6000292
Organization/Department City of Cocoa Fire Rescue	Email Address rseeber@cocoafl.org	

Alternate Name Samuel Byrd		Alternate Email sbyrd@cocoafl.org		
Address Line 1 1740 Dixon Blvd		City Cocoa		
Address Line 2		State FL		Zip 32922
Shipping Address Line 1 1740 Dixon Blvd		Shipping City Cocoa		
Shipping Address Line 2		Shipping State FL		Shipping Zip 32922
Organization Phone Number 321-639-7613	Alternate Contact Number 321-639-7609	Communities Served 1	Population 18532	Number of Runs Per Year 5386

Local Approval Pre-qualifications

Our jurisdiction requires approval from local officials once the award is granted.

APPLICATION REQUEST INFORMATION

The type of grant you are requesting: Equipment	What is the EXACT cost of the equipment? 32105.00

Variances in the amounts requested will be the responsibility of the grant recipient to pay directly? Yes

What Equipment are you requesting for your department? 1 Hurst S788EWXT eDraulic cutter, charger, 2 EWXT batteries 1 SP 555EWXTSpreader - Hurst eDraulic 28 in class, charger, 2 EWXT batteries 1 Hurst R521EWXT eDraulic ram 53 in, charger, 2 EWXT batteries	Briefly explain how the equipment will benefit your community and your department. If we are awarded this grant, the extrication tools we buy will be of great benefit to the community. The Hurst eDraulic battery-operated tools are innovative and has many advantages over traditional line tools
This would have a direct impact on more than 0 children in our community.	This would have a direct impact on more than 0 senior citizens in our community.

What materials are you requesting for your department?

Field not required for this category of request

What is the amount of funding you are requesting? Field not required for this category of request	Please provide a detailed description of how the funding will assist your department: Field not required for this category of request

COMMUNITY IMPACT

Have you successfully reached out to the city for funds to purchase the equipment? The department has reached out to the city to purchase the equipment, along with other much needed equipment and apparatus. However, due to ongoing budget constraints, there is no room in the operating budget for our	Was there a particular instance where a life would have been positively impacted if you would have had the equipment available? These tools would have had a positive impact on lives for all extrications; however, one particular instance does stand out. This past year there was an auto accident involving a dump truck and an SUV. Extrication of patients from the vehicles was extended because the tools that our department have were not as powerful as the Hurst eDraulic tools. If the department had these tools, the patients' transport could have been expedited.
What positive effects will the equipment specifically have? Please use statistics when possible. Some of the positive effects that the tools will have are: 1. Increased speed for extrications	

FIREHOUSE SUBS RELATIONSHIP

Address of Firehouse Subs location nearest you. Firehouse Subs - Store #377 Owner: Miah Manik Firehouse Subs	How far is this location from your department? 4.80 Miles
How did you hear about our organization? Cocoa Fire Rescue has a working relationship with the owner of the above Firehouse Subs restaurant. The department also researched this on the Firehouse Subs website.	Has your department received funding from Firehouse Subs Public Safety Foundation in the past? No

If approved for funding, we will host a press event at the Firehouse Subs restaurant nearest you. We ask that all PR be coordinated by our Foundation, but of course we will work in conjunction with your PR team as well as the PIO of your department.

Initial Acceptance	PIO Email: ssenger@cocoafl.org
PIO (Public Information Officer) Name: Samantha Senger	PIO Phone Number: 3214338685

Please note, there are different categories of funding within the grant applica on, therefore the printed PDF document may contain some open blank fields.

Please **do not** contact the Foundation if fields appear blank.

COCOA
FLORIDA

GRANT APPLICATION SUBMITTAL FORM
SECTION I

DEPARTMENT: Fire	**DIVISION: Fire Admin**
POINT OF CONTACT: Samuel Byrd, Deputy Chief	**PROJECT MANAGER: Samuel Byrd, Deputy Chief**
NAME OF GRANT: Firehouse Subs Grant	
CFDA#/CFSA#: N/A	**DATE DEPT. RECEIVED RFP: 2/1/20**
AMOUNT REQUESTED: $ 32,105	**GRANT DUE DATE: 2/19/20**
PROJECT DESCRIPTION: **Purchase of Equipment – Hurst eDraulic Cutter, Hurst eDraulic Spreader, and Hurst eDraulic Ram, plus batteries and chargers**	
COUNCIL REQUIRED: YES	**TARGET DATE TO COUNCIL: 2/26/20**
MATCH REQUIRED: NO **(IF YES, HOW MUCH :) $**	**MATCH BUDGETED: NO**
REIMBURSEMENT GRANT: NO	**SCHEDULE FOR REIMBURSEMENT: N/A**
Expense Account Number(s) to be used: To Be Determined	
WHAT ARE THE REPORTING REQUIREMENTS? 1. None – this is a private foundation grant. The agency purchases the equipment and awards it to the applicant.	
FUTURE REQUIREMENTS TO CONSIDER: N/A	
IS THE DEPARTMENT PREPARED TO APPLY: YES	
EXPLAIN:	

Please submit a copy of the grant / request for proposal with this form to the Grants Administrator after the Department Director has signed it.

SECTION II
REQUIRED IF GRANT EXCEEDS $1,000

APPLICATION APPROVALS:

Department Director — Date: 2/11/2020

Grants Administrator — Date: 2/11/20

Deputy Finance Director — Date: 2-11-2021

Finance Director — Date: 2/11/20

City Manager — Date: 2-11-2020

SECTION III

COMMENTS / CONCERNS OR SPECIAL NOTES:

Legislation Details (With Text)

File #:	20-127	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Consent Agenda
File created:	2/19/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve a Resolution increasing the contingency for the Barbara Jenkins Street relining of various sized pipes from 10% to 15%, for a total project authorization of $122,749.85 and approve City Manager authority to approved related Change Orders.(Public Works Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	COR - PW - 3570 - Granite Inliner - CO#1.pdf Contingency Resolution Barbara Jenkins Street Relining.docx.doc				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 18, 2020
Agenda Date: February 26, 2020
Prepared By: Bryant Smith III, P.E., CFM, Public Works Director/City Engineer
Through: Bryant Smith III, P.E., CFM, Public Works Director/City Engineer
Requested Action:
Approve a Resolution increasing the contingency for the Barbara Jenkins Street relining of various sized pipes from 10% to 15%, for a total project authorization of $122,749.85 and approve City Manager authority to approved related Change Orders.

BACKGROUND:

On December 11, 2019, the City Council approved Agenda Item 19-622 to enter into a co-operative purchasing agreement with Granite Inliner in the amount of $106,739.00, plus a 10% contingency of $10,673.90 for a total of $117,412.90, using Polk County Bid 17-326 to reline various sized pipes on Barbara Jenkins Street and approve City Manager authority to approve the related purchase order.

While Granite Inliner (Contractor) was mobilized to begin this work, the Contractor found discrepancies in the scope of work and the actual infrastructure in the work location. This error was due to inaccuracies in the City's stormwater data. A pipe listed as 18" was actually 24". This led to a change order at a cost higher than the previous authorization, with contingency. The is additional impact on the budget, as this increased cost was due to the change in the scope of work is already captured within the Stormwater Division's Budget. City Staff is working to prevent this issue in the future.

While although City Council Approved the 10% project contingency in December, a resolution was

not attached to Agenda 19-622. Attached is a Resolution so that the 15% contingency, if approved, can be done so by Resolution.

STRATEGIC PLAN CONNECTION:

Repairing and lining these stormwater pipes will help eliminate potential flooding and subsidence issues.

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	N/A

(Approved by Council 12/11/19)

Amount Requested	$106,739
Account Number	001-3570-538.46-00
Account Name	Repairs and Maintenance

(Project Contingency Approved by Council 12/11/19)

Amount Requested	$10,673.90
Account Number	001-3570-538.46-00
Account Name	Repairs and Maintenance

Additional Contingency needed $5,336.95

If a P.O. Change Order is involved please complete the following:

Change Order Amount	$16,010.85
Original Purchase Order	75926
Original P.O. Amount	$106,739.00

Total project budget with 15% Contingency $122,749.85

PREVIOUS ACTION:

City Council has approved Fiscal Year 2020 pipe relining with Granite Inliner on December 11, 2019.

RECOMMENDED MOTION:

Approve a Resolution increasing the contingency for the Barbara Jenkins Street relining of various sized pipes from 10% to 15%, for a total project authorization of $122,749.85 and approve City Manager authority to approved related Change Orders.

CHANGE ORDER REQUEST FORM

SELECT CHANGE ORDER TYPE:

- ☑ GENERAL
- ☐ CONSTRUCTION----------Assigned Project # Required: _____
- ☐ CONSTRUCTION CONTINGENCY----Resolution # Required: _____
  Amount Approved: _____ Balance Remaining: _____
- ☐ TASK ORDER ----------Assigned Task Order # Required: _____
- ☐ TASK ORDER AMENDMENT-------Amendment # Required: _____

Date: 02/18/20 **New Requ #:** 40372 **Change Requisition Number #** 1

Name of Requestor completing this form: J.Z Zurinsky

Original Purchase Order Amount	$ 106,739.00
Change Order # 1 Amount	14,180.00
Change Order # 2 Amount	
Change Order # 3 Amount	
Change Order # 4 Amount	
Change Order # 5 Amount	
Change Order # 6 Amount	
Change Order # 7 Amount	
Change Order # 8 Amount	
New Purchase Order Amount	$ 120,919.00

Vendor Name	Original Requisition Number	PO Number	Original PO Amount
Granite Inliner	39987	75926	$ 106,739.00

REASON FOR CHANGE (Click box(s) to select):

- ☐ Correct Freight Cost
- ☐ Correct Unit Cost
- ☐ Correct Account
- ☐ Correct Quantity Ordered
- ☐ Add Line Item
- ☐ Cancel Line Item
- ☑ Add Additional Money
- ☐ Add/Delete/Change Project #
- ☐ Liquidate Money
- ☐ Cancel Entire PO
- ☑ Other-Explain:

Change of scope of work outlined in remarks

Please make correction(s) to original PO as listed below:

Original PO Line #	Quantity	UM	Description	Account Number	Project Number	Unit Cost	Extended Cost
1	1.00	sum	Add additonal funds for Revision of Scope of work.	423-3570-538-46.00		1.00	$ 14,180.00
							$ -
							$ -
							$ -
							$ -
							$ -
							$ -

THIS AMOUNT MUST BE LISTED AT THE TOP OF THIS FORM NEXT TO THE CORRESPONDING CHANGE ORDER #. $ 14,180.00

CHANGE ORDER REQUEST FORM - PAGE 2, JUSTIFICATION NOTE REQUIRED

Date: *02/18/20* New Requ #: 40372 *Change Requisition Number #* 1

Change Order Justification:

CO#1 to PO #75926: to Add additional funds of $14,180.00 to Revise Original Scope of Work for CIPP Barbara Jenkins Project.
Item #3 on original proposal (11/7/19): Null and Void/Obsolete. @-$27,540.00
Add $14,180.00 additional funds to PO to Furnish and Install additional 32 LF of 24" (10.5 mm CIPP) Lining @ $39,280.00
See Item #5 on Proposal: from 32 LF to 491 LF @ $80.00/LF
Additional Dewatering and Pipecleaning @ $5000.00
from $32,500.00 to $37,500.

*****Please be sure to save this Change Order Form as a PDF prior to inputting it into your requisition folder. *****

Legislation Details (With Text)

File #:	20-63	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Consent Agenda
File created:	1/24/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	

Title: Approve Task Order 2020-01 with Jacobs Engineering Group (Jacobs) fka CH2M Hill Engineers, Inc. for Program Management Services for Operating Revenue (OR) Projects, Project No. WS1221; Task Order 2020-03 for Program Management Services for Bond Funded Projects, Project No. WS19BO; and Task Order 2020-04 for Plan Review Services to include Engineering Land Development Review, Project No. WS1221; To Approve a Resolution Amending the FY2020 Budget, BAF#20-043-T. (Utilities Director)

Sponsors:

Indexes:

Code sections:

Attachments:
Task Order 2020-01 Prog Mgmt Proposal FY 2020 for OR Projects.pdf
T.O. 2020-03 Proposal FY2020 Prog Mgmt Bond Proj.pdf
T.O. 2020-04 - Proposal FY20 Plan Review, Permitt Assist, Utility Support.pdf
Budget Resolution FY 2020 (ADA).docx
BAF 20-043-T -UT-T.O. 2020-01 and 2020-04 (2-26-20) Agenda 20-063.pdf
TO (2020-03) Jacobs $325016 (1-21-20) UT.pdf
TO (2020-01) Jacobs $339431 (1-21-20) UT.pdf
TO (2020-04) Jacobs $178052 (1-21-20) UT.pdf

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 24, 2020
Agenda Date: February 26, 2020
Prepared By: Norma E. Hernandez, Administrative Secretary
Through: John A. Walsh, P.E., Utilities Director
Requested Action:
To Approve Task Order 2020-01 with Jacobs Engineering Group (Jacobs) fka CH2M Hill Engineers, Inc. for Program Management Services for Operating Revenue (OR) Projects, Project No. WS1221; Task Order 2020-03 for Program Management Services for Bond Funded Projects, Project No. WS19BO; and Task Order 2020-04 for Plan Review Services to include Engineering Land Development Review, Project No. WS1221; To Approve a Resolution Amending the FY2020 Budget, BAF#20-043-T.

BACKGROUND:

On November 13, 2019, City Council approved the final ranking of firms for RFQ-20-03-COC, Engineering Services for the Water System and authorized the City Manager and City Attorney to

negotiate and execute a multi-year contract with the selected firm, Jacobs Engineering Group (Jacobs) fka CH2M Hill Engineers, Inc. This agreement was entered on February 5, 2020, for three years with the option to extend the term for two (2) additional two (2) year terms.

Staff is requesting City Council approval of three task orders under this new Continuing Services Agreement (CSA). The following are the task orders and scope of services:

Task Order 2020-01 - FY2020 Program Management Services for Cocoa Utilities Operating Revenue (OR) Funded CIP Projects. The purpose of this task order is to provide program management and administration services, program design management and project support, technical and regulatory support, construction inspection services, utility information management systems support, and program website. The total cost of this task order is $339,431.

Task Order 2020-03 - FY2020 Program Management Services for Cocoa Utilities Bond Funded CIP Projects. The purpose of this task order is to provide program management and administration services, program design management and construction project support, technical and regulatory support, construction inspection services, utility information management systems support, and program website. The total cost of this task order is 325,016.

Task Order 2020-04 - FY2020 Plan Review, Permitting Assistance and Utility Support. The purpose of this task order is to provide plan review services, permitting assistance, and utility support. The total cost of this task order is $178,052.

Staff is also requesting approval of a budget transfer in the amount of $113,954 to fund Task Order 2020-01 and Task Order 2020-04. Account has funds but insufficient to cover both task orders. Funds will be transferred from Account No. 421-4010-536.39-00, Contingency to Account No. 421-4055-536.63-00, WS1221.

Staff recommends approval of these task orders with the Jacobs Engineering Group.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes, but insufficient (T.O. 2020-01 and T.O. 2020-04)
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment Form #20-043-T

Amount Requested	$113,954
Account Number	421-4055-536.63-00, WS1221
Account Name	Infrastructure
Source of Funds:	421-4010-536.39-00, Contingency

Total Budgetary Impact for T.O. 2020-01 and 2020-04 $517,483 WS1221

Budgeted	Yes (T.O. 2020-03)
If not budgeted, is amendment/transfer attached?	N/A
Amount Requested	$325,016
Account Number	426-4055-536.63-00, WS19BO
Account Name	Infrastructure
Source of Funds	Series 2018B Bond

Total Budgetary Impact for T.O. 2020-03 $325,016 WS19BO

Total Budgetary Impact for all three Task Orders $842,499

PREVIOUS ACTION:

None.

RECOMMENDED MOTION:

To Approve Task Order 2020-01 with Jacobs Engineering Group (Jacobs) fka CH2M Hill Engineers, Inc. for Program Management Services for Operating Revenue (OR) Projects, Project No. WS1221; Task Order 2020-03 for Program Management Services for Bond Funded Projects, Project No. WS19BO; and Task Order 2020-04 for Plan Review Services to include Engineering Land Development Review, Project No. WS1221; To Approve a Resolution Amending the FY2020 Budget, BAF#20-043-T.

City of Cocoa
Task Order 2020-01

FY 2020 Engineering Services for the Water System – Program Management Services for Cocoa Utilities Operating Revenue Funded CIP Projects

Objective

The purpose of this task order is to provide program management services, including program management / administration, design management and construction project support services in support of Operating Revenue (OR) funded Cocoa Utilities Capital Improvement Plan (CIP) program projects listed in Attachment A which are funded by the City's Fiscal Year 2020 (FY 2020) budget. This task order is intended to include the estimated level of effort to provide the above described services on a time and materials basis compensation method for the period January 1, 2020 through September 30, 2020. Services proposed by JACOBS Engineering Group (JACOBS) in this Task Order will be performed in accordance with the RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019.

Scope of Services

Task 1 – Program Management & Administration

Task 1.1 Program Management and Administration

1.1.1 Program Management and Oversight

Day-to-day activities, processes and procedures of JACOBS' Program Management Team (PMT) staff will be the responsibility of JACOBS' Program Manager, who will receive input from the Cocoa Utilities Director and Deputy Director. The following tasks, services, meetings and deliverables will be provided under this task:

- Program Coordination Meeting - The PMT will prepare for and attend a monthly coordination meeting with Cocoa Utilities to review program progress and discuss issues impacting program delivery.
- Finance and Purchasing Coordination Meeting – The PMT will coordinate a monthly meeting with Cocoa Utilities, City Finance, and City Purchasing Departments to address the status of pending CIP contract actions as well as any contracting issues impacting program delivery.
- Monthly Progress Report (MPR) – The PMT will produce a general CIP progress report each month suitable for an audience both internal and external to Cocoa Utilities to address Program progress and key issues.
- Program Review/Update Meetings – The PMT will coordinate with Cocoa Utilities to develop and schedule program update meetings as needed to periodically review

and / or update City staff stakeholders on CIP delivery status and progress. The PMT will provide briefing material and presentations (up to 4 anticipated) as needed.

1.1.2 FY2020 Validation and FY2021-2025 Capital Improvement Plan Update

As part of the 2018 Water Capital Plan Update, an annual process was developed that revalidated carry forward and new capital project costs and scope for the new fiscal year, and the current year projects are inputted into a cost-loaded schedule database for day to day management over the course of the new fiscal year. The second effort of this task is the re-validation of the following year's 5-year CIP, new project development, cost estimating, prioritization, funding analysis, and CIP database population / quality control. It is anticipated that the existing 2018 Capital Plan prioritization processes and weighting will be used for this FY2021 CIP update between January 2020 and March 2020. The outcome of the annual validation and CIP update tasks will include several deliverables as follows:

1. FY2020 budget adjustment based on re-validation results and FY2019 budget closeout activities. Execution will include close coordination with Utility and Finance Department in the development and processing of budget adjustments.
2. Updated program management plan focusing on execution requirements for FY2020 which includes a re-baselined CIP schedule.
3. Allocation of FY2019 program costs to individual projects for archival of the prior year's costs.
4. Updated capital plan database for the FY2021-2025 time period, coordinated through City's Utility Department.
5. Summary report for the FY2021 updated CIP.

Task 1.2 Program Controls

General

The Program Control System (PCS) consists of schedule and cost control tools and processes integrated in a system that maintains current scope, cost and schedule status of the CIP projects.

1.2.1 Scheduling

The PCS will include a Master Program Schedule (MPS) developed, maintained and updated through the Project Manager Schedule Update Meetings. The initial MPS was prepared by JACOBS which included the validated capital projects and was expanded as part of the program management services task orders to include selected operating revenue funded projects.

The MPS will be re-baselined at the beginning of each new fiscal year as part of the annual validation process as described in Section 1.1.2 above. The MPS will be a cost-loaded schedule containing the CIP projects maintained at a level of detail sufficient for the PMT and Cocoa Utilities to track and manage CIP progress. The following meetings and deliverable will be provided under this task:

- MPS Report – Each month the PMT will distribute to each Cocoa Utilities Project Managers and Utilities Director and Deputy Director the MPS for the projects listed in Attachment A for review.
- Project Manager (PM) Schedule Update Meeting - The schedule for each project in Attachment A will be updated monthly in the MPS during PM Schedule Update Meetings to show actual schedule progress as percent complete.

1.2.2 Cost Control

The PCS will include a CIP projects data base used by the PMT to manage key program data (e.g. scope, cost, contracts, changes, etc.), especially as it relates to project and program costs.

1.2.2.1 Cost Control Activities

The PMT will coordinate the monthly cost data transfer from the City's financial system into the CIP database, conduct quality control review of the data, resolve any discrepancies, and obtain any missing information. The financial details of project progress will be updated and available for review in the PCS. The PCS will also access relevant information to produce reports and other data essential to the management of the overall program. The PMT will maintain and report on key performance indicators (KPIs) as needed to monitor and manage CIP program delivery progress, and to aid the City and PMT in measuring delivery and financial performance. The PMT will produce KPI reports using the same methodology as previously developed and approved by Cocoa Utilities.

1.2.2.2 Change Management

The City of Cocoa prefers to not have a formalized change management process; therefore, the City and PMT will discuss potential or upcoming changes in capital projects in program status meetings and City project managers will alert JACOBS Program or Deputy Program Managers of scope, cost and schedule changes, so impacts can be thoroughly analyzed and documented.

1.2.3 Document Controls

Cocoa has selected to operate and maintain their own document control process by implementing a directory of capital projects on their server. The PMT will mimic this directory structure on JACOBS servers and will turn any pertinent documents over to Cocoa's document manager on a periodic basis. Each individual project manager will be responsible for tracking status of documents and utilizing document control procedures described in the program management plan.

Task 1 Deliverables

- Program Coordination Meeting (Monthly, or as otherwise directed by Cocoa Utilities)
- Purchasing Coordination Meeting (Monthly, or as otherwise directed by Cocoa Utilities)
- Project Manager Schedule Update Meeting (Monthly)
- Monthly CIP Financial Report (Monthly, or as otherwise directed by Cocoa Utilities)
- Master Program Schedule Update (Monthly)
- FY2020 budget adjustment recommendation

- Updated capital plan database, re-baselined schedule

Task 2 – Program Design Management and Project Support

This task is for overall management of the program design requirements and activities that correspond to the scope and time period of the projects being designed via this task order. This task includes day-to-day planning, project coordination, technical assistance and general consultant / contractor coordination and will be led by the Program Manager. Specific responsibilities include the following:

- Program Planning – Track status of design performance on CIP projects, assist with change management to design projects, analyze work distribution among the design consultants, and oversee assignment of design projects to consultants.
- Design Consultant Team Oversight – Monitor the performance of the design consulting firms under contract for the Program, review and provide feedback on their performance, assist with development of recovery plans to correct performance deficiencies.
- Program Design Coordination & Administration – Coordinate the efforts of the design management team with the City, program management and project controls, and participate in regular coordination meetings for individual projects and those identified in Attachment A, prepare analysis and documentation needed for the CIP, and assist with preparation of supporting materials for requests for financial grants/funding.
- Meeting Participation - Participation in Program Management meetings as described in 1.1.1.

The Program Design Management Team (DM-T) will provide design project management and technical assistance for the specific projects shown in Attachment B, or as otherwise directed by Cocoa Utilities. Cocoa Utilities staff and JACOBS will act together as the DM-T to deliver these projects. As discussed with Cocoa Utilities, responsibilities for these projects have been assigned to either Utilities staff or JACOBS. These assignments are identified in Attachment B and were utilized in estimating JACOBS' level of effort for this Task specifically.

As described below, activities are aligned with general program level design management services and coordination as well as management of individual projects performed by engineering consultants or general contractors contracted with Cocoa.

Project Design Management

Design Contract Management

The DM-T will administer the design task order for each project or group of projects on behalf of the City and function as a liaison between the design consultant and the PMT, monitor progress and schedule, monitor change and, in general, assess if the project is proceeding according to plan. The DM-T will coordinate closely with the City Project Manager during the execution of each project.

Project Definition

The DM-T will develop a Project Definition Memorandum containing the design criteria and requirements for the projects to be completed under a Task Order. The Project Definition Memorandum will be provided to the project design team. A Project Definition Memorandum will be prepared for each project or group of projects to be executed by the selected design consultant.

The DM-T will coordinate with the Cocoa Utilities staff to collect existing information on each project.

Task Order Review and Negotiation

The DM-T will work with the City to develop, and review consultant planning and design task orders for the projects identified under the program. Meetings will be held with the design consultants to discuss the project scope and purpose. The task order scope submitted by design consultants will be reviewed for compatibility with the design intent.

The task order scope negotiated with each design consultant will be submitted and reviewed by Cocoa Utilities and the DM-T. Upon DM-T acceptance of final task order scope, City staff will review and provide final approval before processing the Task Order.

Project Execution

The DM-T will work with the City during execution of the project to include progress and performance monitoring, communications with the design consultant, conduct kick-off meetings and engineering document review meetings, and progress status reporting. The DM-T will review meeting minutes and invoices submitted by the design consultants. The DM-T will provide limited assistance (e.g. routine coordination with surveyor contracted by City or design consultant for legal description, review of easement documentation for accuracy of project-related information only, etc.) with property acquisition tasks.

Quality Control

The DM-T will conduct quality control project reviews for the program projects. Reviews will be performed for design projects at 30, 60, 90 and 100% levels of completion and review meetings held with the design consultants. For reports and permit applications, reviews will be performed on the draft submittal. The technical responsibility of the design professional, to include ensuring the design performs as intended, will remain with the design consultants. The quality reviews will be for the purpose of compliance with design intent of the City and the Task Orders under which the designs were prepared.

Cost Estimating

Cost estimating support will be provided by the design consultants for DM-T review. The PMT will provide additional cost estimating services for capital projects when requested by City.

Project Management during Bidding Phase

This task includes DM-T responsibilities related to program bidding activities including, but not limited to:

- Coordination with Utilities Engineering and Purchasing Department regarding preparation of bid packages and addendum coordination.

- Review and evaluation of bids. The City shall make final selection of successful bidder. Scope does not include attendance by the DM-T at pre-bid, pre-award, or pre-construction meetings.

Technical Assistance

JACOBS will provide technical assistance as identified in Attachment B when requested by the City to address any project issues.

Deliverables

The documents listed below will be reviewed and approved by Cocoa Utilities staff and stored in the document control system:

- Project definition memoranda
- Review comments of 30%, 60%, 90% and 100% design documents and draft reports and permit applications from design consultants
- Bid package preparation assistance including review of addenda
- Review of consultant invoices

Task 3-Technical and Regulatory Support

JACOBS will provide engineering and operational assistance in support of various technical and regulatory issues. Updates will be coordinated with Cocoa Utilities when regulatory issues / impacts to the CIP arise on topics including water resources, well field operations and performance evaluation, drinking water treatment, water quality in the treatment and distribution systems, wastewater collection / treatment, water treatment / distribution, effluent management, permitting and numerical nutrient criteria. JACOBS will also attend regulatory meetings conducted by regulatory agencies, professional societies and Central Florida utilities when requested by Cocoa Utilities.

An allowance of $78,656 has been provided under this task order. When the City requests technical or regulatory support, JACOBS will provide a scope and estimated level of effort for City review. The City will provide written authorization to proceed to JACOBS.

Task 4 – Construction Inspection Services

Cocoa has requested construction inspection services on an as-need basis for capital and treatment / storage / pumping related projects. An estimated 75 hours has been provided in this task order for construction related support. When the City requests construction inspection services, JACOBS will provide a scope and estimated level of effort for City review. The City will provide written authorization to proceed to JACOBS.

As described below, activities are aligned with general construction management services and coordination as well as management of general contractors contracted with Cocoa. This task includes DM-T responsibilities related to program construction activities including, but not limited to:

- Assistance in resolving issues with the design consultant's services during construction for submittal reviews, processing of requests for information, processing of change requests, and design of necessary changes during construction.
- Review progress on submittal review by the design consultant and contractor
- Review of construction pay applications and schedule updates
- Attendance at monthly construction meetings
- Assistance with certification of completion for permits.
- Assistance with review of the as built drawings between the design consultant and Contractor.

The presence or duties of JACOBS' personnel at a construction site, whether as onsite representatives or otherwise, do not make JACOBS or JACOBS' personnel in any way responsible for those duties that belong to City and/or the construction contractor or other entities, and do not relieve the construction contractor or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the construction Contract Documents and any health or safety precautions required by such construction work.

JACOBS and JACOBS' personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor(s) or other entity or any other persons at the site except JACOBS' own personnel.

The presence of JACOBS' personnel at a construction site is for the purpose of providing to City a greater degree of confidence that the completed construction work will conform generally to the construction documents and that the integrity of the design concept as reflected in the construction documents has been implemented and preserved by the construction contractor(s). JACOBS neither guarantees the performance of the construction contractor(s) nor assumes responsibility for construction contractor's failure to perform work in accordance with the construction documents.

Assumptions

The following assumptions were used to develop Task 4:

- No field office will be required for PMT construction inspectors. Staff will be housed in offices provided by the City. If field offices are required due to nature or location of project, this will be provided by contractor as part of their bid.

- Record drawings, based on as-builts from the Contractor, will be prepared by the design consultant.
- Any required certifications for completion will be prepared by the designated engineer of record which will be the firm or entity who prepared the design.

Deliverables
Construction inspection related deliverables associated with this task may include, but are not limited to;

- Daily inspection reports
- Materials testing reports and logs
- Pressure / bacteriological testing reports and logs
- Conversation records
- Review comments for contractor pay requests
- Review comments for contractor red-lined as-built drawings

The documents listed above will be reviewed and approved by Cocoa Utilities staff and stored in the document control system.

Task 5 Utility Information Management Systems Support

JACOBS will provide as-needed GIS and information management support services to the Utility. Types of support activities may include but is not be limited to; further development and implementation of best management practices, development of a GIS strategic plan, support to field operations with implementation of InfoWater and transfer of data to GIS, as well as development of communication tools and processes for use by the Utility. A total budget of 510 hours of support have been included for Task 5 and the PMT will keep the City appraised of any concerns on budget once the work plan is complete.

Task 6 Program Website

Task 6.1 Baseline and Monthly Website Updates

Based on the validation results of Subtask 1.1.2, the existing Program Website will be updated with the new FY2020 baseline information and new projects added to the capital plan for FY2020. The site will be updated on a monthly basis based on the monthly schedule and cost data revisions, and updated key performance indicators (KPIs).

Task 6.2 As-Needed Maintenance and Enhancement Support

Typically websites like these will require additional programming support for enhancements and changes based on public feedback. An allowance of $3,000 has been allocated for a web developer to provide on-call troubleshooting or enhancement services upon request.

JACOBS will provide the hosting of the program website through a 3rd party hosting service.

Deliverables

- Updated project information for current website

Additional Services

The following additional services may be provided by JACOBS upon authorization through an amendment to this Task Order by the City and agreement on compensation to JACOBS.

- Services related to development of the City's project financing and / or budget.
- Services related to disputes over pre-qualification, bid protests, bid rejection and re-bidding of the contract for construction.
- Services related to provision of support related to City furnished equipment, materials, and supplies.
- Performance of materials testing, specialty testing and surveying services.
- Services necessary due to the default of the Contractor.
- Services related to damages caused by fire, flood, earthquake or other Acts of God.
- Services related to the City's operation and use of the completed project other than as specifically provided in the above scope of work.
- Services related to warranty claims, enforcement and inspection after final completion.
- Services for the investigation and analysis of contractor claims; preparation of reports on contractor claims.
- Development, coordination or participation in partnering programs.
- Value engineering or similar value analysis studies.
- Performing periodic labor evaluations and processing prevailing wage documentation.
- Construction Management and Inspection services required due to an increase to the number of construction days of the contract for construction on which services are provided.
- Any other services designated in this scope of services as additional services.
- The additional services task will only be utilized upon written authorization by the City of Cocoa.

Safety

JACOBS will manage the health, safety and environmental activities of its staff and the staff of its subcontractors to achieve compliance with applicable health and safety laws and regulations.

JACOBS will notify affected personnel of any site conditions posing an imminent danger to them which JACOBS observes.

JACOBS and JACOBS' personnel have no authority to exercise any control over any contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the contractor(s) or other entity or any other persons at the site except JACOBS' own personnel.

Assumption - Jacobs will reasonably rely upon the accuracy, and completeness of the information / data provided by the Client or other third parties.

Task Order Assumptions:

Assumption - Jacobs will reasonably rely upon the accuracy, and completeness of the information / data provided by the Client or other third parties.

Any review by JACOBS of design prepared by a third- party shall be for general conformance with the design intent, drawings and specifications but not a complete review of all design details and calculations. The Designer and their design professionals shall remain responsible for the accuracy and completeness of their design and construction documents. JACOBS does not assume any liability for work product(s) prepared by third parties, including but not limited to design and related work and makes no representation or warranty regarding same.

Schedule

This Task Order covers the period from date of January 1, 2020 through September 30, 2020.

Subconsultants

Should the need arise to perform website maintenance or upgrades, JACOBS may contract with a qualified web development subconsultant to have the services performed on a time and materials basis, as discussed in Task 6.2 above.

Reiss Engineering is a subconsultant to JACOBS and may be available for assistance on Design Management support as needed.

Compensation

Compensation for the services authorized under this task order will be provided using the time and materials basis method with budgets between the tasks and expenses being interchangeable as needed. Costs are summarized below by task.

Task	Hours	Fee
TASK 1 Program Management and Administration	459	$72,363
TASK 2 Program Design Management and Construction Support	336	$56,055
TASK 3 Technical and Regulatory Support	489	$78,656
TASK 4 Construction Inspection Support	75	$10,650
TASK 5 Utility Information Management Systems Support	510	$96,750
TASK 6 Program Website	33	$6,207
EXPENSES & SUBCONSULTANTS	N / A	$18,750
Grand Total	1,902	$339,431

Levels of effort for tasks are estimates based on the best information available at the time of task order development. As projects scopes are better defined, actual levels of effort required and associated fees might differ and require coordination between the PMT and the City.

Attachments

Attachment A – Operating Revenue Funded Projects List for Program Management Services

Attachment B – Operating Revenue Funded Project List with Assignment of Responsibilities

Attachment C – Jacobs Engineering Group Rate Schedule

Acceptance

This Task Order shall become part of the Agreement upon execution by both parties.

Approved for City of Cocoa	Accepted for JACOBS Engineering Group
By _____	By _____
	Francois Didier Menard
Title _____	Title Vice President
Date _____	Date January 27, 2020

City of Cocoa FY2020 Program Management for OR Funded Projects
Task Order 2020-01 Labor Hour Breakdown - 1/23/2020

TASK #	TASK NAME	Principal/Senior Reviewer/Consultant/Senior Project Manager	Senior Professional Engineer/Scientist/Consultant	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	Professional Engineer/Scientist/Consultant/Project Manager	Junior Professional Engineer/Scientist/Consultant	Project Engineer/Scientist/Consultant	Office/Project Administration	Labor Hours	Labor Fee
		$235.00	$218.00	$199.00	$169.00	$142.00	$120.00	$85.00		
1	PROGRAM MANAGEMENT & ADMINISTRATION									
1.1	Program Management and Administration									
1.1.1	Program Management & Oversight	30	9	90		30	30		189	$34,782
1.1.2	FY2020 Validation & CIP Update	3		21		30	75		129	$18,144
1.2	Program Controls									
1.2.1	Scheduling			12	12				24	$4,416
1.2.2	Cost Control			12	12				24	$4,416
1.2.3	Document Controls							75	75	$6,375
	QA / QC	18							18	$4,230
								Task Subtotals	459	$72,363
2	PROGRAM DESIGN MANAGEMENT & PROJECT SUPPORT									
	FY20 Support	6	75	30	75	75	75		336	$56,055
								Task Subtotals	336	$56,055
3	TECHNICAL & REGULATORY SUPPORT									
	FY20 Support	18	36	60	113	188	75			
								Task Subtotals	489	$78,656
4	CONSTRUCTION INSPECTION SUPPORT									
	FY20 Support					75				
								Task Subtotals	75	$10,650
5	UTILITY INFORMATION MANAGEMENT SYSTEMS SUPPORT									
5.1	GIS Support & Training			450			60		510	$96,750
								Task Subtotals	510	$96,750
6	PROGRAM WEBSITE									
	Website Updates			15	6				21	$3,999
	As-Needed Maintenance & Enhancement Support			6	6				12	$2,208
								Task Subtotals	33	$6,207
								Labor Total	1,902	$320,681
								Expenses		$3,750
								Subcontracts		$15,000
								Task Order Total		$339,431

Attachment A

CIP/Utility Projects List for FY20 Program Management Services - December 13, 2019

PN	FY2020 Operating Revenue Funded Projects
WS1106	WS1106 Raw Water Well Rehabilitation (WS-19)
WS18DW*	WS18DW Drinking Water System E&IC Reliability and Automation Improvements
WS19SR	WT80 Miscellaneous Structural Repairs

**** Jacobs support for this project funded under separate task order***

Attachment B

CIP/Utility OR Funded Projects List for FY20 Program Management Services - December 13, 2019

PN	FY2020 Capital Projects	Phases for FY2020	Design Management	Bid/Construction Project Support	Construction Management/ Inspection	Technical Assistance
WS1106	WS1106 Raw Water Well Rehabilitation (WS-19)	Construction	City of Cocoa	City of Cocoa	City of Cocoa	Jacobs
WS18DW*	WS18DW Drinking Water System E&IC Reliability and Automation Improvements	Design and Construction	City of Cocoa	Jacobs	Jacobs	Jacobs
WS19SR	WT80 Miscellaneous Structural Repairs	Planning and Design	City of Cocoa	Not Applicable	Not Applicable	Jacobs

**** Jacobs support for this project funded under separate task order***

EXHIBIT "A"
Jacobs Engineering Group Rate Schedule

Classification	Description	Rate
Engineer 9	Principal	$235
Engineer 8	Senior Reviewer/Consultant	$235
Engineer 7	Senior Project Manager	$235
Engineer 6	Senior Professional Engineer/Scientist/Consultant	$218
Engineer 5	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	$199
Engineer 4	Professional Engineer/Scientist/Consultant/Project Manager	$169
Engineer 3	Junior Professional Engineer/Scientist/Consultant	$142
Engineer 2	Project Engineer/Scientist/Consultant	$120
Engineer 1	Junior Project Engineer/Scientist/Consultant	$110
Engineer 0	Engineering Intern	$95
Technician 5	Senior Construction Manager/Senior Designer	$169
Technician 4	Construction Manager/Senior Technician	$142
Technician 3	Senior Construction Inspector	$120
Technician 2	Construction Inspector/Technician	$110
Technician 1	Junior Construction Inspector/Junior Technician	$85
Technician Aide	Technical Aide	$80
Office	Office/Project Administration	$85

Notes:

1. Billing rates for the City of Cocoa are designated for the length of this Agreement from January 2020 through January 2023.

2. These rates do not include other direct expense cost. Reimbursable other direct expenses shall be billed in accordance with the terms of the contract.

3. Billing rate schedule is for time basis work order and the City will be billed based on actual hours by category designated for an individual employee.

4. Jacobs reserves the right to request rate modifications for any future extensions to this agreement. Rate modifications must be established and agreed upon by both parties.

5. All copies, reproduction, subconsultant work, materials or equipment purchased or other direct costs shall be pass-thru cost without any mark-up.

6. Travel is reimbursable at the IRS rate for employees and specialists outside the Orlando office only.

City of Cocoa
Task Order 2020-03

FY 2020 Engineering Services for the Water System – Program Management Services for Cocoa Utilities Bond Funded CIP Projects

Objective

The purpose of this task order is to provide program management services, including program management / administration, design management and construction project support services in support of bond funded Cocoa Utilities Capital Improvement Plan (CIP) program projects listed in Attachment A which are funded by the City's Fiscal Year 2020 (FY 2020) budget. This task order is intended to include the estimated level of effort to provide the above described services on a time and materials basis compensation method for the period from January 1, 2020 through September 30, 2020. Services proposed by JACOBS Engineering Group (JACOBS) in this Task Order will be performed in accordance with the RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019.

Scope of Services

Task 1 – Program Management & Administration

Task 1.1 Program Management and Administration

1.1.1 Program Management and Oversight

Day-to-day activities, processes and procedures of JACOBS' Program Management Team (PMT) staff will be the responsibility of JACOBS' Program Manager, who will receive input from the Cocoa Utilities Director and Deputy Director. The following tasks, services, meetings and deliverables will be provided under this task:

- Program Coordination Meeting - The PMT will prepare for and attend a monthly coordination meeting with Cocoa Utilities to review program progress and discuss issues impacting program delivery.
- Finance and Purchasing Coordination Meeting – The PMT will coordinate a monthly meeting with Cocoa Utilities, City Finance, and City Purchasing Departments to address the status of pending CIP contract actions as well as any contracting issues impacting program delivery.
- Monthly Progress Report (MPR) – The PMT will produce a general CIP progress report each month suitable for an audience both internal and external to Cocoa Utilities to address Program progress and key issues.
- Program Review/Update Meetings – The PMT will coordinate with Cocoa Utilities to develop and schedule program update meetings as needed to periodically review and / or update City staff stakeholders on CIP delivery status and progress. The PMT

will provide briefing material and presentations (up to 4 anticipated) as needed.

1.1.2 FY2020 Validation and FY2021-2025 Capital Improvement Plan Update

As part of the 2018 Water Capital Plan Update, an annual process was developed that revalidated carry forward and new capital project costs and scope for the new fiscal year, and the current year projects are inputted into a cost-loaded schedule database for day to day management over the course of the new fiscal year. The second effort of this task is the re-validation of the following year's 5-year CIP, new project development, cost estimating, prioritization, funding analysis, and CIP database population/quality control. It is anticipated that the existing 2018 Capital Plan prioritization processes and weighting will be used for this FY2021 CIP update between January 2020 and March 2020. The outcome of the annual validation and CIP update tasks will include several deliverables as follows:

1. FY2020 budget adjustment based on re-validation results and FY2019 budget closeout activities. Execution will include close coordination with Utility and Finance Department in the development and processing of budget adjustments.
2. Updated program management plan focusing on execution requirements for FY2020 which includes a re-baselined CIP schedule.
3. Allocation of FY2019 program costs to individual projects for archival of the prior year's costs.
4. Updated capital plan database for the FY2021-2025 time period, coordinated through City's Utility Department.
5. Summary report for the FY2021 updated CIP.

Task 1.2 Program Controls

General

The Program Control System (PCS) consists of schedule and cost control tools and processes integrated in a system that maintains current scope, cost and schedule status of the CIP projects.

1.2.1 Scheduling

The PCS will include a Master Program Schedule (MPS) developed, maintained and updated through the Project Manager Schedule Update Meetings. The initial MPS was prepared by JACOBS which included the validated bond funded capital projects and was expanded as part of the program management services task orders to include selected operating revenue funded projects.

The MPS will be re-baselined at the beginning of each new fiscal year as part of the annual validation process as described in Section 1.1.2 above. The MPS will be a cost-loaded schedule containing the CIP projects maintained at a level of detail sufficient for the PMT and Cocoa Utilities to track and manage CIP progress. The following meetings and deliverable will be provided under this task:

- MPS Report – Each month the PMT will distribute to each Cocoa Utilities Project Managers and Utilities Director and Deputy Director the MPS for the projects listed in Attachment A for review.

- Project Manager (PM) Schedule Update Meeting - The schedule for each project in Attachment A will be updated monthly in the MPS during PM Schedule Update Meetings to show actual schedule progress as percent complete.

1.2.2 Cost Control

The PCS will include a CIP projects data base used by the PMT to manage key program data (e.g. scope, cost, contracts, changes, etc.), especially as it relates to project and program costs.

1.2.2.1 Cost Control Activities

The PMT will coordinate the monthly cost data transfer from the City's financial system into the CIP database, conduct quality control review of the data, resolve any discrepancies, and obtain any missing information. The financial details of project progress will be updated and available for review in the PCS. The PCS will also access relevant information to produce reports and other data essential to the management of the overall program. The PMT will maintain and report on key performance indicators (KPIs) as needed to monitor and manage CIP program delivery progress, and to aid the City and PMT in measuring delivery and financial performance. The PMT will produce KPI reports using the same methodology as previously developed and approved by Cocoa Utilities.

1.2.2.2 Change Management

The City of Cocoa prefers to not have a formalized change management process; therefore, the City and PMT will discuss potential or upcoming changes in capital projects in program status meetings and City project managers will alert JACOBS Program Manager of scope, cost and schedule changes, so impacts can be thoroughly analyzed and documented.

1.2.3 Document Controls

Cocoa has selected to operate and maintain their own document control process by implementing a directory of capital projects on their server. The PMT will mimic this directory structure on JACOBS servers and will turn any pertinent documents over to Cocoa's document manager on a periodic basis. Each individual project manager will be responsible for tracking status of documents and utilizing document control procedures described in the program management plan.

Task 1 Deliverables

- Program Coordination Meeting (Monthly, or as otherwise directed by Cocoa Utilities)
- Purchasing Coordination Meeting (Monthly, or as otherwise directed by Cocoa Utilities)
- Project Manager Schedule Update Meeting (Monthly)
- Monthly CIP Financial Report (Monthly, or as otherwise directed by Cocoa Utilities)
- Master Program Schedule Update (Monthly)
- FY2020 budget adjustment recommendation
- Updated capital plan database, re-baselined schedule

Task 2 – Program Design Management and Construction Project Support – Not Applicable for Bond Funded Projects this Fiscal Year

Task 3-Technical and Regulatory Support – Not Applicable for Bond Funded Projects this Fiscal Year

Task 4 – Construction Inspection Services

Cocoa has requested construction inspection services on an as-need basis for capital and treatment/storage/pumping related projects. An estimated 10 hours has been provided in this task order for construction related support. When the City requests construction inspection services, JACOBS will provide a scope and estimated level of effort for City review. The City will provide written authorization to proceed to JACOBS.

As described below, activities are aligned with general construction management services and coordination as well as management of general contractors contracted with Cocoa. This task includes DM-T responsibilities related to program construction activities including, but not limited to:

- Assistance in resolving issues with the design consultant's services during construction for submittal reviews, processing of requests for information, processing of change requests, and design of necessary changes during construction.
- Review progress on submittal review by the design consultant and contractor
- Review of construction pay applications and schedule updates
- Attendance at monthly construction meetings
- Assistance with certification of completion for permits.
- Assistance with review of the as built drawings between the design consultant and Contractor.

The presence or duties of JACOBS' personnel at a construction site, whether as onsite representatives or otherwise, do not make JACOBS or JACOBS' personnel in any way responsible for those duties that belong to City and/or the construction contractor or other entities, and do not relieve the construction contractor or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the construction Contract Documents and any health or safety precautions required by such construction work.

JACOBS and JACOBS' personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor(s) or other entity or any other persons at the site except JACOBS' own personnel.

The presence of JACOBS' personnel at a construction site is for the purpose of providing to City a greater degree of confidence that the completed construction work will conform generally to the construction documents and that the integrity of the design concept as reflected in the construction documents has been implemented and preserved by the construction contractor(s). JACOBS neither guarantees the performance of the construction contractor(s) nor assumes responsibility for construction contractor's failure to perform work in accordance with the construction documents.

Assumptions

The following assumptions were used to develop Task 4:

- No field office will be required for PMT construction inspectors. Staff will be housed in offices provided by the City. If field offices are required due to nature or location of project, this will be provided by contractor as part of their bid.
- Record drawings, based on as-builts from the Contractor, will be prepared by the design consultant.

Any required certifications for completion will be prepared by the designated engineer of record which will be the firm or entity who prepared the design.

Deliverables

Construction inspection related deliverables associated with this task may include, but are not limited to;

- Daily inspection reports
- Materials testing reports and logs
- Pressure / bacteriological testing reports and logs
- Conversation records
- Review comments for contractor pay requests
- Review comments for contractor red-lined as-built drawings

The documents listed above will be reviewed and approved by Cocoa Utilities staff and stored in the document control system.

Task 5 Utility Information Management Systems Support – Not Applicable for Bond Funded Projects this Fiscal Year

Task 6 Program Website

Task 6.1 Baseline and Monthly Website Updates

Based on the validation results of Subtask 1.1.2, the existing Program Website will be updated with the new FY2020 baseline information and new projects added to the capital

plan for FY2020. The site will be updated on a monthly basis based on the monthly schedule and cost data revisions, and updated key performance indicators (KPIs).

Task 6.2 As-Needed Maintenance and Enhancement Support

Typically websites like these will require additional programming support for enhancements and changes based on public feedback. An allowance of $3,000 has been allocated for a web developer to provide on-call troubleshooting or enhancement services upon request.

JACOBS will provide the hosting of the program website through a 3rd party hosting service.

Deliverables

- Updated project information for current website

Additional Services

The following additional services may be provided by JACOBS upon authorization through an amendment to this Task Order by the City and agreement on compensation to JACOBS.

- Services related to development of the City's project financing and / or budget.
- Services related to disputes over pre-qualification, bid protests, bid rejection and re-bidding of the contract for construction.
- Services related to provision of support related to City furnished equipment, materials, and supplies.
- Performance of materials testing, specialty testing and surveying services.
- Services necessary due to the default of the Contractor.
- Services related to damages caused by fire, flood, earthquake or other Acts of God.
- Services related to the City's operation and use of the completed project other than as specifically provided in the above scope of work.
- Services related to warranty claims, enforcement and inspection after final completion.
- Services for the investigation and analysis of contractor claims; preparation of reports on contractor claims.
- Development, coordination or participation in partnering programs.
- Value engineering or similar value analysis studies.
- Performing periodic labor evaluations and processing prevailing wage documentation.

- Construction Management and Inspection services required due to an increase to the number of construction days of the contract for construction on which services are provided.
- Any other services designated in this scope of services as additional services.
- The additional services task will only be utilized upon written authorization by the City of Cocoa.

Safety

JACOBS will manage the health, safety and environmental activities of its staff and the staff of its subcontractors to achieve compliance with applicable health and safety laws and regulations.

JACOBS will notify affected personnel of any site conditions posing an imminent danger to them which JACOBS observes.

JACOBS and JACOBS' personnel have no authority to exercise any control over any contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the contractor(s) or other entity or any other persons at the site except JACOBS' own personnel.

Assumptions

JACOBS will reasonably rely upon the accuracy, and completeness of the information / data provided by the City, or other third parties.

Any review by JACOBS of design prepared by a third- party shall be for general conformance with the design intent, drawings and specifications but not a complete review of all design details and calculations. The Designer and their design professionals shall remain responsible for the accuracy and completeness of their design and construction documents. JACOBS does not assume any liability for work product(s) prepared by third parties, including but not limited to design and related work and makes no representation or warranty regarding same.

Schedule

This Task Order covers the period from date of January 1, 2020 through September 30, 2020.

Subconsultants

Should the need arise to perform website maintenance or upgrades, JACOBS may contract with a qualified web development subconsultant to have the services performed on a time and materials basis, as discussed in Task 6.2 above.

Reiss Engineering is a subconsultant to JACOBS and may be available for assistance on Design Management support as needed.

Compensation

Compensation for the services authorized under this task order will be provided using the time and materials basis method with budgets between the tasks and expenses being interchangeable as needed. Costs are summarized below by task.

Task	Hours	Fee
TASK 1 Program Management & Administration	1,640	$295,320
TASK 2 Program Design Management and Construction	0	$0
TASK 3 Technical and Regulatory Support	0	$0
TASK 4 Construction Inspection Services	10	$1,420
TASK 5 Utility Information Management Systems Support	0	$0
TASK 6 Program Website	44	$8,276
EXPENSES & SUBCONSULTANTS	N / A	$20,000
Grand Total	1,694	$325,016

Levels of effort for tasks are estimates based on the best information available at the time of task order development. As projects scopes are better defined, actual levels of effort required and associated fees might differ and require coordination between the PMT and the City.

Attachments

Attachment A –Bond Projects List for Program Management Services

Attachment B –Bond Project List with Assignment of Responsibilities

Attachment C – Per Diem Rates Schedule

Acceptance

This Task Order shall become part of the Agreement upon execution by both parties.

Approved for City of Cocoa	Accepted for JACOBS Engineering Group
By _____	By _____
	Francois Didier Menard
Title _____	Title Vice President
Date _____	Date January 21, 2020

City of Cocoa FY2020 Program Management for Bond Funded Projects
Task Order 2020-XX Labor Hour Breakdown - 12/16/2019

		Per Diem Schedule Description								
		Principal/Senior Reviewer/Consultant/Senior Project Manager	Senior Professional Engineer/Scientist/Consulta nt	Mid-Level Professional Engineer/Scientist/Consulta nt/Project Manager	Professional Engineer/Scientist/Consulta nt/Project Manager	Junior Professional Engineer/Scientist/Consulta nt	Project Engineer/Scientist/Consulta nt	Office/Project Administration	Labor Hours	Labor Fee
TASK #	**TASK NAME**	$235.00	$218.00	$199.00	$169.00	$142.00	$120.00	$85.00		
1	**PROGRAM MANAGEMENT & ADMINISTRATION**									
1.1	**Program Management and Administration**									
1.1.1	Program Management & Oversight	150		420		50	50		670	$131,930
1.1.2	FY2020 Validation & CIP Update	16		40		40	120		216	$31,800
1.2	**Program Controls**									
1.2.1	Scheduling			150	150				300	$55,200
1.2.2	Cost Control			150	150				300	$55,200
1.2.3	Document Controls							100	100	$8,500
	QA / QC	54							54	$12,690
							Task Subtotals		**1,640**	**$295,320**
2	**PROGRAM DESIGN MANAGEMENT & CONSTRUCTION PROJECT SUPPORT**									
2.1	**Design Program Management**								0	$0
2.2	**Project Design Management and Construction Project Support**								0	$0
							Task Subtotals		**0**	**$0**
3	**TECHNICAL & REGULATORY SUPPORT**									
	FY20 Support						**Task Subtotals**		**0**	**$0**
4	**CONSTRUCTION INSPECTION SUPPORT**									
	FY20 Support					10				
							Task Subtotals		**10**	**$1,420**
5	**UTILITY INFORMATION MANAGEMENT SYSTEMS SUPPORT**									
5.1	GIS Support & Training								0	$0
5.2	Database administration								0	$0
5.3	GIS Strategic Planning								0	$0
							Task Subtotals		**0**	**$0**
6	**PROGRAM WEBSITE**									
	Website Updates			20	8				28	$5,332
	As-Needed Maintenance & Enhancement Support			8	8				16	$2,944
							Task Subtotals		**44**	**$8,276**
							Labor Total		**1,694**	**$305,016**
							Expenses			**$5,000**
							Subcontracts			**$15,000**
							Task Order Total			**$325,016**

Attachment A

CIP/Utility Projects List for FY20 Program Management Services -December 13, 2019

PN	FY2020 Bond Funded Projects
WS0501	WS0501 Raw Water Pipeline Improvements (WS-09)
WS1201	WS1201 Water Pipeline Infrastructure Assessment & Replacement
WS1404*	WS1404 Dyal Chemical Conversion & Reliability Improvements (WT-25, WT-50, WT-09)
WS19CC	WS19CC Cape Canaveral Water Main Replacement (WS)
WS19FR	WS19FR Fitler 1-4 Rehab (WS)
WS20DW	WS20DW Install New Well No. 17 (WS-20)
WS20LS	WS20LS Lime Silo Stairway (WT-37)
	Evaluate Clarifiers 1 and 2 Structural Repair
WS20SP	WS20SP Replace Surface Water Disc Flow Sludge pumps (3)
WS20VT	VFD for TCR Transfer Pump No. 3
WS20GT	Improvements for Groundwater Gravity Thickeners
WS19BS	Biosolids Improvements Project

**** Jacobs/CH2M support for this project funded under separate task order***

Attachment B

CIP/Utility Bond Funded Projects List for FY20 Program Management Services - December 13, 2019

PN	FY2020 Capital Projects	Phases for FY2019	Design Management	Bid/Construction Project Support	Construction Management/ Inspection	Technical Assistance
WS0501	WS0501 Raw Water Pipeline Improvements (WS-09)	Construction	City of Cocoa	City of Cocoa	To Be Determined	Jacobs
WS1201	WS1201 Water Pipeline Infrastructure Assessment & Replacement	Planning	Not Applicable	Not Applicable	Not Applicable	Jacobs
WS1404*	WS1404 Dyal Chemical Conversion & Reliability Improvements (WT-25, WT-50, WT-09)*	Design & Procurement	City of Cocoa	Jacobs/CH2M	Jacobs/CH2M	Jacobs/CH2M
WS19CC	WS19CC Cape Canaveral Water Main Replacement (WS)	Planning, Design, Bid	City of Cocoa	City of Cocoa	Not Applicable	Jacobs
WS19FR	WS19FR Filter 1-4 Rehab (WS)	Planning, Design, Bid, Construct	City of Cocoa	Not Applicable	Not Applicable	Jacobs
WS20DW	WS20DW Install New Well No. 17 (WS-20)	Planning, Design, Bid, Construct	City of Cocoa	Jacobs	Jacobs	Jacobs
WS20LS	WS20LS Lime Silo Stairway (WT-37)	Planning, Design, Bid, Construct	City of Cocoa	Jacobs	Jacobs	Jacobs
	Evaluate Clarifiers 1 and 2 Structural Repair	Planning	City of Cocoa	Not Applicable	Not Applicable	Jacobs
WS20SP	WS20SP Replace Surface Water Disc Flow Sludge pumps (3)	Planning, Design, Bid, Construct	City of Cocoa	Jacobs	Jacobs	Jacobs
WS20VT	VFD for TCR Transfer Pump No. 3	Planning	City of Cocoa	Not Applicable	Not Applicable	Jacobs
WS20GT	Improvements for Groundwater Gravity Thickeners	Planning, Design, Bid, Construct	City of Cocoa	City of Cocoa	Not Applicable	Jacobs
WS19BS	Biosolids Improvements Project	Planning, Design, Bid, Construct	City of Cocoa	City of Cocoa	Not Applicable	Jacobs

**** Jacobs/CH2M support for this project funded under separate task order***

Attachment C

EXHIBIT "A"
Jacobs Engineering Group Rate Schedule

Classification	Description	Rate
Engineer 9	Principal	$235
Engineer 8	Senior Reviewer/Consultant	$235
Engineer 7	Senior Project Manager	$235
Engineer 6	Senior Professional Engineer/Scientist/Consultant	$218
Engineer 5	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	$199
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Engineer 2	Project Engineer/Scientist/Consultant	$120
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Technician 4	Construction Manager/Senior Technician	$142
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Technician 2	Construction Inspector/Technician	$110
Technician 1	Junior Construction Inspector/Junior Technician	$85
Technician Aide	Technical Aide	$80
Office	Office/Project Administration	$85

Notes:

1. Billing rates for the City of Cocoa are designated for the length of this Agreement from January 2020 through January 2023.

2. These rates do not include other direct expense cost. Reimbursable other direct expenses shall be billed in accordance with the terms of the contract.

3. Billing rate schedule is for time basis work order and the City will be billed based on actual hours by category designated for an individual employee.

4. Jacobs reserves the right to request rate modifications for any future extensions to this agreement. Rate modifications must be established and agreed upon by both parties.

5. All copies, reproduction, subconsultant work, materials or equipment purchased or other direct costs shall be pass-thru cost without any mark-up.

6. Travel is reimbursable at the IRS rate for employees and specialists outside the Orlando office only.

City of Cocoa
Task Order 2020-04
FY 2020 City of Cocoa Plan Review, Permitting Assistance and Utility Support

Objective

The purpose of this task order is to provide Plan Review, Permitting Assistance and Utility Support to the City of Cocoa. This task order is intended to include the estimated level of effort to provide the above described services on a time and materials basis compensation method for the period from January 1, 2020 through September 30, 2020. Services proposed by JACOBS Engineering Group (JACOBS) in this Task Order will be performed in accordance with the RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019.

Scope of Services

The services to be performed by JACOBS staff under this Task Order are consulting in nature and not staff augmentation. JACOBS staff will be managed by the JACOBS Program Manager. It is assumed City will provide JACOBS staff necessary access to documents and files.

Task 1 – Plan Review Services

JACOBS will provide plan review support for the City of Cocoa. Services will include providing support to the City in Engineering Land Development review for compliance with City of Cocoa standards. Plan review includes review of documents from developers, FDOT, and residents. It is assumed that JACOBS staff will meet with City of Cocoa review personnel to receive direction on engineering review requirements and external agency coordination specifics. As documents are reviewed, JACOBS will coordinate with the City and satisfactorily agree on comments. JACOBS will participate in meetings with the applicants, as requested by the City. Jacobs may handle emails and phone communications from developers and residents. The City will provide comments to the applicant in letter or email form. Once all comments have been satisfactorily addressed by the applicant, JACOBS will provide the City with a letter recommending approval of the documents. The City will provide final review and approval to the applicant. It is assumed meetings for this task will be held at City of Cocoa offices.

An allowance of $84,156 has been provided under this task order.

Task 2 – Permitting Assistance

JACOBS will provide permitting assistance for the City of Cocoa. Services will include providing support to the City in Water Fields Operations (WFO) and City Customer Service. Jacobs will review permit applications prepared by the City GIS technicians which will then be provided to the City Utility Director for approval, and signature. It is assumed meetings for this task will be held at City of Cocoa offices.

An allowance of $58,468 has been provided under this task order.

Task 3 – Utility Support

JACOBS will provide Utility Support for the City of Cocoa. Services will include providing support to the City in reviewing meter requests and approval and coordination and scheduling of fire hydrant flow tests. As meter requests are received, JACOBS will review and coordinate with the City and provide comments to the City regarding issuance of the meter. Once all comments have been satisfactorily addressed, JACOBS will provide the City with a letter recommending meter issuance for the City's final review, and issuance. For fire hydrant flow test requests, JACOBS will coordinate with City GIS department to submit a request for the test. Once City personnel has completed the field test, the results are provided to GIS and then back to the customer.

An allowance of $35,428 has been provided under this task order.

Safety

JACOBS will manage the health, safety and environmental activities of its staff and the staff of its subcontractors to achieve compliance with applicable health and safety laws and regulations. JACOBS is not responsible for the health, safety, and environmental compliance of the City's staff.

Schedule

This Task Order covers the period from date of January 1, 2020 through September 30, 2020.

Compensation

Compensation for the services authorized under this task order will be provided using the time and materials basis method with budgets between the tasks and expenses being interchangeable as needed. Costs are summarized below by task.

Task	Hours	Fee
TASK 1 Plan Review Services	612	$84,156
TASK 2 Permitting Assistance	460	$58,468
Task 3 Utility Support	268	$35,428
EXPENSES & SUBCONSULTANTS	N / A	N / A
Grand Total	1,340	$178,052

Levels of effort for tasks are estimates based on the best information available at the time of task order development. As projects scopes are better defined, actual levels of effort required and associated fees might differ and require coordination between the PMT and the City.

Attachments

Attachment A –Per Diem Rates Schedule

Acceptance

This Task Order shall become part of the Agreement upon execution by both parties.

Approved for City of Cocoa	Accepted for JACOBS Engineering Group
By _____	By _____
	Francois Didier Menard
Title _____	Title Vice President
Date _____	Date January 21, 2020

FY2020 City of Cocoa Plan Review, Permitting Assistance, and Utility Support Task Order 2020-XX Labor Hour Breakdown - 12/16/2019

		Per Diem Schedule Description								
		Sr Director/Director/Prof Sr Expert/Prof Expert	Sr Manager/Prof Specialist	Manager/Prof Senior	Sr Supervisor/ Prof Career-level	Supervisor II/Prof Associate/Tech Specialist	Prof Intermed/Tech Senior	Office/Project Administration	Labor Hours	Labor Fee
TASK #	**TASK NAME**	$235.00	$218.00	$199.00	$169.00	$142.00	$120.00	$85.00		
1	**Plan Review Services**									
		8		12	192		384	16	612	$84,156
2	**Permitting Assistance**									
		8		12	40		384	16	460	$58,468
3	**Utility Support**									
		8		12	40		192	16	268	$35,428
								Labor Total	**1,340**	**$178,052**
								Expenses		**$0**
								Subcontracts		**$0**
								Task Order Total		**$178,052**

Attachment A

EXHIBIT "A"
Jacobs Engineering Group Rate Schedule

Classification	Description	Rate
Engineer 9	Principal	$235
Engineer 8	Senior Reviewer/Consultant	$235
Engineer 7	Senior Project Manager	$235
Engineer 6	Senior Professional Engineer/Scientist/Consultant	$218
Engineer 5	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	$199
Engineer 4	Professional Engineer/Scientist/Consultant/Project Manager	$169
Engineer 3	Junior Professional Engineer/Scientist/Consultant	$142
Engineer 2	Project Engineer/Scientist/Consultant	$120
Engineer 1	Junior Project Engineer/Scientist/Consultant	$110
Engineer 0	Engineering Intern	$95
Technician 5	Senior Construction Manager/Senior Designer	$169
Technician 4	Construction Manager/Senior Technician	$142
Technician 3	Senior Construction Inspector	$120
Technician 2	Construction Inspector/Technician	$110
Technician 1	Junior Construction Inspector/Junior Technician	$85
Technician Aide	Technical Aide	$80
Office	Office/Project Administration	$85

Notes:

1. Billing rates for the City of Cocoa are designated for the length of this Agreement from January 2020 through January 2023.

2. These rates do not include other direct expense cost. Reimbursable other direct expenses shall be billed in accordance with the terms of the contract.

3. Billing rate schedule is for time basis work order and the City will be billed based on actual hours by category designated for an individual employee.

4. Jacobs reserves the right to request rate modifications for any future extensions to this agreement. Rate modifications must be established and agreed upon by both parties.

5. All copies, reproduction, subconsultant work, materials or equipment purchased or other direct costs shall be pass-thru cost without any mark-up.

6. Travel is reimbursable at the IRS rate for employees and specialists outside the Orlando office only.

City of Cocoa Budget Adjustment Form FY 2020 - 20-043-T

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER | REQUESTING DEPARTMENT #: Utilities/4055 | DATE PREPARED: 02/06/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 113,954)	421-4010-536.39-00		Contingency	$ 1,219,374	$ 961,325	$ 847,371	$ 847,371
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 113,954)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 113,954	421-4055-536.63-00	WS1221	Infrastructure	$ 1,559,490	$ 2,970,201	$ 3,084,155	$ 1,598,398
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 113,954	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

This transfer is necessary to fund Task Orders 2020-01 and 2020-04 with Jacobs Engineering Group (Jacobs) for Program Management Services for Operating Revenue (OR) Projects, and Plan Review Services to include Engineering Land Development Review, respectively. Funds are available in the account but not sufficient to cover the costs of these task orders. Agenda File ID #20-63

City COUNCIL APPROVAL REQUIRED? YES (●) NO ( ) DATE APPROVED: 02/26/20 RESOLUTION #: 2020-117

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/12/20 Norma Hernandez Digitally signed by Norma Hernandez DN: c=org, dc=cocoaf, ou=Utilities, cn=Norma Hernandez, email=nhernandez@cocoafl.org Date: 2020.02.12 10:21:42 -05'00'	2/12/20 Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.12 16:06:56 -05'00'	
Date Requestor's Signature	Date Finance Approval Signature	Date Finance Director's Signature
2/12/20 John "Jack" Walsh Digitally signed by John "Jack" Walsh Date: 2020.02.12 12:04:00 -05'00'	2/12/20 Lora Howell Digitally signed by Lora Howell Date: 2020.02.12 17:00:53 -05'00'	
Date Department Director's Signature	Date Deputy Fin. Director's Signature	Date City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Approved 07/13

Revised eform 10/2/19 - IT

Embedded Secure Document

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Legislation Details (With Text)

File #:	20-81	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Consent Agenda
File created:	1/30/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing the City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through September 18, 2020. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Proposal - City of Cocoa FY2020 Lining Project.pdf Proposal - City of Cocoa FY2020 Cleaning and Televising Only Project.pdf City of Daytona Beach Authorization to Utilize Contract #0118-2600.pdf City of Daytona Beach Insituform Contract Details #0118-2600.pdf City of Daytona Beach Insituform Contract Pricing #0118-2600.pdf City of Daytona Beach Insituform Full Contract No. 0118-2600.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date:	January 30, 2020
Agenda Date:	February 26, 2020
Prepared By:	Melinda M. Keesee, Field Operations Technician
Through:	Chris M. Collier, Assistant Utilities Director
Through:	John A. Walsh, P.E., Utilities Director

Requested Action:

To Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing the City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through September 18, 2020

BACKGROUND:

In FY2015, CDM Smith completed a thorough analysis of the assessment data obtained during the FY2014 RedZone Robotics, Inc. CCTV inspection process. As part of this analysis, a detailed plan was developed to systematically address broken sewer piping over a six-year period beginning in FY2016. Rehabilitation and replacement was recommended for individual pipe segments based on structural operation and maintenance (O&M) concerns. These recommendations were formed based on the severity of defects, potential for defect progression, and consequence of failure. Rehabilitation and replacement recommendations were then prioritized and grouped to develop

various projects. An implementation plan was formed to clean and repair sewer lines based on consequence of failure, risk of failure, available funding, and pipe segment geographic location.

To maintain the integrity of the sanitary sewer system with minimal construction and disturbances, sewer mains are able to be rehabilitated through a trenchless “cured-in-place-pipe” (CIPP) method installed through existing manholes. This installation process lines the selected sewer mains with a flexible liner which when heated, forms into a hardened fiberglass “pipe” that replaces the broken pipe from the inside of the pipe. As a result of this process, the carrying capacity of the sewer main is reestablished, and the sewer treatment plant no longer incurs the cost of treating extra water (ground water).

The first phase of the CIPP lining program was successfully completed in FY2016. Subsequently, City Council has approved the continuation of work with Insituform annually since FY2017. The fifth phase is scheduled to be completed in FY2020.

At this time, we are requesting approval to use the City of Daytona Beach Contract No. 0118-2600. This contract has been reviewed by the City and has been determined to be applicable to the services required by Sewer Field Operations. Therefore, staff recommends approval to use the City of Daytona Beach contract with Insituform Technologies, LLC to perform Cured in Place Pipe (CIPP) Rehabilitation Services and Cleaning & CCTV Inspections of Main Line Sewers, and to authorize a budgeted expenditure for these services not to exceed $449,766.90.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	N/A
Amount Requested:	$449,766.90
Account Number:	421-4125-536.46-00, WS0904
Account Name:	Repairs & Maintenance
Source of Funds:	Operating Revenue

PREVIOUS ACTION:

On December 8, 2015, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cured in Place (CIPP) Pipe Rehabilitation Services utilizing the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2015 through July 7, 2016.

On January 10, 2017, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cured in Place (CIPP) Pipe Rehabilitation Services utilizing the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2016 through July 7, 2017.

On February 28, 2017, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cleaning & CCTV Inspections of Main Line Sewers utilizing

the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2016 through July 7, 2017.

On January 9, 2018, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cleaning & CCTV Inspections of Main Line Sewers utilizing the City of Daytona Beach Contract No. 0113-1010 effective July 8, 2017 through July 7, 2018.

On March 13, 2019, City Council approved the participation in a cooperative purchase agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers utilizing the City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through February 6, 2020.

RECOMMENDED MOTION:

To Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place Pipe (CIPP) Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing City of Daytona Beach Contract No. 0118-2600 effective February 7, 2019 through September 18, 2020.

Insituform Technologies, LLC

6966 Business Park Blvd.
Jacksonville, Fl. 32256
www.insituform.com

Dave Raymond
Business Development Manager

Phone: (904)465-3267
Fax: (904)292-3198
Email: draymond@aegion.com

1-30-20

Chris Collier
Assistant Utilities Director
City of Cocoa
Cocoa, FL 32922
ccollier@cocoafl.org

Re: City of Cocoa FY2020 Sewer Lining

Chris,

Insituform Technologies, LLC, ("ITLLC") is pleased to provide the following proposal to the **City of Cocoa**, hereinafter referred to as "Customer", for the scope of work detailed below for the above-referenced Project. This proposal is based off the City of Daytona Beach Contract 0118-2600.

PROPOSAL PRICING

ITLLC proposes the following pricing for the scope of services described herein:

Item	Description	Unit	Qty	Unit Price	Total
A-1	CIPP 8" Diameter 6 mm thickness	LF	12,685	$23.10	$293,023.50
L-1	Light Clean & TV 8"-12" Diameter	LF	11,705	$2.50	$29,262.50
N-1	Heavy Clean & TV 8"-12" Diameter	LF	980	$3.30	$3,234.00
P-1	Tuberculation Cleaning 8" – 12" Diameter	LF	980	$19.00	$18,620.00
Q-6	Lateral Cutout	EA	169	$195.00	$32,955.00
QQ-1	By-Pass Pumping 8" Diameter	LS	10	$317.40	$3,174.00
SS-2	Traffic Control FDOT – ROW Arrow Boards	Setup	8	$190.40	$1,523.20
SS-3	Traffic Control FDOT – ROW Barricades	Setup	8	$359.70	$2,877.60
SS-4	Traffic Control FDOT – ROW Lane Dividers	Setup	8	$15.90	$127.20

TT-1	Traffic Control City ROW Flagman	Setup	8	$655.90	5,247.20
TT-3	Traffic Control City ROW Barricades	Setup	18	$264.50	$4,761.00
TT-4	Traffic Control City ROW Lane Dividers	Setup	18	$15.90	$286.20
AAA	Mobilization	Setup	1	$3,578.40	$3,578.40
	TOTAL				$398,669.80

INSITUFORM SCOPE OF WORK / RESPONSIBILITIES

ITLLC will provide the following:

1. Mobilization and demobilization of personnel, equipment, and materials to and from the Project site. The price presented is based upon one (1) instance of mobilization and demobilization.
2. Install **polyester** resin impregnated CIPP liner in accordance with ASTM F1216 or F1743 using either water or air/pull-in/steam, at the discretion of ITLLC. We have not included any costs associated with the disposal of inversion water.
3. Internal reinstatement of all service connections as directed by the Customer or their representative.
4. CCTV inspection of the pipe before and after the lining is complete.
5. Standard ITLLC one-year warranty from date of installation, excluding any required warranty TV inspection and/or testing.
6. Standard insurance coverage with the following limits:
   General Liability: $2,000,000 per occurrence/$4,000,000 aggregate
   Auto: $2,000,000 Combined Single Limit
   Workers Compensation: Statutory with $1,000,000 Employer's Liability
   The above insurance shall not include Primary and Non-Contributory Coverage and ITLLC shall not provide a Waiver of Subrogation endorsement.

NOTE: Modifications to the Scope of Work/Responsibilities of ITLLC may result in a change in price and/or duration.

ASSUMPTIONS AND QUALIFICATIONS

ITLLC's Proposal Pricing is based upon the following assumptions and clarifications:

1. ITLLC assumes the work will be completed during dry weather conditions.
2. Quantities are estimated. Customer shall be invoiced for actual quantities at the above unit prices.
3. ITLLC is an open-shop company and shall not be subject to any union requirements or agreements and will not enter into any Project Labor Agreement or any such similar agreement for this Project. Where required by the Contract Documents, ITLLC will pay the Prevailing Wages then in effect for the Project and will submit Certified Payroll Reports in a timely manner.

EXCLUSIONS:

The following items are excluded from ITLLC's above Pricing and Scope of Services / Responsibilities stated in this Proposal. These items, if necessary, applicable or otherwise required, shall be furnished by Customer, at Customer's direction and at no cost to ITLLC or may, upon mutual agreement in writing between ITLLC and Customer, be provided by ITLLC at an additional cost:

1. Permits, licenses and construction easements.
2. Manual operation of any pumping and/or metering stations.
3. Environmental/erosion controls (i.e., hay bales, silt fence etc.) that may be required adjacent to manholes, access points and/or water supply hose.
4. Access to and use of fire hydrants and/or sufficient water supply (within 500 ft. of the installation site) to complete flushing and CIPP installation.
5. Burial and/or ramping of discharge or bypass hose/pipe.
6. External service reconnections.
7. Traffic control, including without limitation, police details, flagmen and special traffic control setups.
8. Obstruction removal (calcium, concrete, mineral deposits, roots, etc.) and/or protruding tap removal.
9. Point repairs.
10. Bypassing of services or laterals.
11. Repair of pipe damaged during any industry standard high-pressure jet cleaning operations, preparation or lining and any subsequent cleaning necessary to remove debris that has fallen into the pipe as a result of any such collapse or repair.
12. Directives setting forth which service connections must be reinstated prior to final CCTV inspection.
13. Locations of and access (of ITLLC equipment and/or personnel) to all manholes associated with the project and as required by ITLLC's work plan.
14. Equivalent pipe diameter access from the invert to the street level. This may include removal of the frame, cover and/or cone section of the liner installation manhole(s) such that the opening at the street level is no less than equivalent to the pipe diameter.
15. Payment and Performance bonds. If payment and performance bonds are required, add 2.5% to the total Project cost.
16. Removal and disposal of any hazardous or toxic materials encountered during the Project.
17. Holiday work, rush delivery or adverse weather work (as defined by ITLLC).
18. Complete independent testing of liner samples from each installation. Will be provided if required per specifications.
19. Certified Professional Engineer stamped designs. Will be provided if required in specifications.
20. State and local sales and/or use taxes.
21. Additional premiums for special insurance coverage(s) specific to this project.

GENERAL TERMS AND CONDITIONS:

1. ITLLC's Proposal is conditioned and shall adhere to the General Terms and Conditions written in the City of Daytona Beach Contract.

The information contained in this letter is proprietary to Insituform Technologies, LLC. and shall be retained by the recipient in confidence and shall not be published or otherwise disclosed to third parties without the express written consent of Insituform Technologies, LLC. The foregoing shall not preclude the use of any data which (i) was in its possession without restriction as to use prior to receipt as proprietary of the same or similar data from Insituform Technologies, LLC., (ii) is or becomes available from a public source on or after such receipt from Insituform Technologies, LLC. or (iii) is obtained by the recipient from a third party not under obligation of confidentiality or other restriction with respect to use.

Please do not hesitate to contact me with any further questions.

Very truly yours,

Insituform Technologies, LLC.

Dave Raymond

Dave Raymond
Business Development Manager

Accepted By: _____ Date: _____
(signed)

_____ Title: _____
(print name)

Insituform Technologies, LLC

6966 Business Park Blvd.
Jacksonville, Fl. 32256
www.insituform.com

Dave Raymond
Business Development Manager

Phone: (904)465-3267
Fax: (904)292-3198
Email: draymond@aegion.com

1-30-20

Chris Collier
Assistant Utilities Director
City of Cocoa
Cocoa, FL 32922
ccollier@cocoafl.org

Re: City of Cocoa - FY2020 Cleaning and Televising Only

Chris,

Insituform Technologies, LLC, ("ITLLC") is pleased to provide the following proposal to the **City of Cocoa**, hereinafter referred to as "Customer", for the scope of work detailed below for the above-referenced Project. This proposal is based off the City of Daytona Beach Contract 0118-2600.

PROPOSAL PRICING

ITLLC proposes the following pricing for the scope of services described herein:

Item	Description	Unit	Qty	Unit Price	Total
L-1	Light Cleaning 8"-12" Diameter	LF	19,237	$2.50	$48,092.50
SS-2	Traffic Control FDOT ROW Arrow Boards	Setup	2	$190.40	$380.80
SS-3	Traffic Control FDOT ROW Barricades	Setup	2	$359.70	$719.40
SS-4	Traffic Control FDOT ROW Lane Dividers	Setup	2	$15.90	$31.80
TT-1	Traffic Control City ROW Flagman	Setup	2	$655.90	$1,311.80
TT-3	Traffic Control City ROW Barricades	Setup	2	$264.50	$529.00
TT-4	Traffic Control City ROW Lane Dividers	Setup	2	$15.90	$31.80
	TOTAL				$51,097.10

INSITUFORM SCOPE OF WORK / RESPONSIBILITIES

ITLLC will provide the following:

1. Mobilization and demobilization of personnel, equipment, and materials to and from the Project site. The price presented is based upon one (1) instance of mobilization and demobilization.
2. Install **polyester** resin impregnated CIPP liner in accordance with ASTM F1216 or F1743 using either water or air/pull-in/steam, at the discretion of ITLLC. We have not included any costs associated with the disposal of inversion water.
3. Internal reinstatement of all service connections as directed by the Customer or their representative.
4. CCTV inspection of the pipe before and after the lining is complete.
5. Standard ITLLC one-year warranty from date of installation, excluding any required warranty TV inspection and/or testing.
6. Standard insurance coverage with the following limits:
   General Liability: $2,000,000 per occurrence/$4,000,000 aggregate
   Auto: $2,000,000 Combined Single Limit
   Workers Compensation: Statutory with $1,000,000 Employer's Liability
   The above insurance shall not include Primary and Non-Contributory Coverage and ITLLC shall not provide a Waiver of Subrogation endorsement.

NOTE: Modifications to the Scope of Work/Responsibilities of ITLLC may result in a change in price and/or duration.

ASSUMPTIONS AND QUALIFICATIONS

ITLLC's Proposal Pricing is based upon the following assumptions and clarifications:

1. ITLLC assumes the work will be completed during dry weather conditions.
2. Quantities are estimated. Customer shall be invoiced for actual quantities at the above unit prices.
3. ITLLC is an open-shop company and shall not be subject to any union requirements or agreements and will not enter into any Project Labor Agreement or any such similar agreement for this Project. Where required by the Contract Documents, ITLLC will pay the Prevailing Wages then in effect for the Project and will submit Certified Payroll Reports in a timely manner.

EXCLUSIONS:

The following items are excluded from ITLLC's above Pricing and Scope of Services / Responsibilities stated in this Proposal. These items, if necessary, applicable or otherwise required, shall be furnished by Customer, at Customer's direction and at no cost to ITLLC or may, upon mutual agreement in writing between ITLLC and Customer, be provided by ITLLC at an additional cost:

1. Permits, licenses and construction easements.
2. Manual operation of any pumping and/or metering stations.
3. Environmental/erosion controls (i.e., hay bales, silt fence etc.) that may be required adjacent to manholes, access points and/or water supply hose.
4. Access to and use of fire hydrants and/or sufficient water supply (within 500 ft. of the installation site) to complete flushing and CIPP installation.
5. Burial and/or ramping of discharge or bypass hose/pipe.
6. External service reconnections.
7. Traffic control, including without limitation, police details, flagmen and special traffic control setups.
8. Obstruction removal (calcium, concrete, mineral deposits, roots, etc.) and/or protruding tap removal.
9. Point repairs.

10. Bypassing of services or laterals.
11. Repair of pipe damaged during any industry standard high-pressure jet cleaning operations, preparation or lining and any subsequent cleaning necessary to remove debris that has fallen into the pipe as a result of any such collapse or repair.
12. Directives setting forth which service connections must be reinstated prior to final CCTV inspection.
13. Locations of and access (of ITLLC equipment and/or personnel) to all manholes associated with the project and as required by ITLLC's work plan.
14. Equivalent pipe diameter access from the invert to the street level. This may include removal of the frame, cover and/or cone section of the liner installation manhole(s) such that the opening at the street level is no less than equivalent to the pipe diameter.
15. Payment and Performance bonds. If payment and performance bonds are required, add 2.5% to the total Project cost.
16. Removal and disposal of any hazardous or toxic materials encountered during the Project.
17. Holiday work, rush delivery or adverse weather work (as defined by ITLLC).
18. Complete independent testing of liner samples from each installation. Will be provided if required per specifications.
19. Certified Professional Engineer stamped designs. Will be provided if required in specifications.
20. State and local sales and/or use taxes.
21. Additional premiums for special insurance coverage(s) specific to this project.

GENERAL TERMS AND CONDITIONS:

1. ITLLC's Proposal is conditioned and shall adhere to the General Terms and Conditions written in the City of Daytona Beach Contract.

The information contained in this letter is proprietary to Insituform Technologies, LLC. and shall be retained by the recipient in confidence and shall not be published or otherwise disclosed to third parties without the express written consent of Insituform Technologies, LLC. The foregoing shall not preclude the use of any data which (i) was in its possession without restriction as to use prior to receipt as proprietary of the same or similar data from Insituform Technologies, LLC., (ii) is or becomes available from a public source on or after such receipt from Insituform Technologies, LLC. or (iii) is obtained by the recipient from a third party not under obligation of confidentiality or other restriction with respect to use.

Please do not hesitate to contact me with any further questions.

Very truly yours,

Insituform Technologies, LLC.

Dave Raymond

Dave Raymond
Business Development Manager

Accepted By:_____ Date: _____
(signed)

_____ Title: _____
(print name)

Melinda Keesee

From: Flick, Joanne <FlickJoanne@CODB.US>
Sent: Thursday, February 28, 2019 10:09 AM
To: Melinda Keesee
Subject: FW: CIPP Contract

Good morning, Melinda:

Please consider this email authorization for the City of Cocoa to piggyback the City of Daytona Beach's contract for Cured in Place Pipe Rehabilitation awarded to Instiuform Technologies, LLC.

The contract (Section 18, paragraph n), incorporates the terms of the RFP for Cured in Place Pipe Rehabilitation through the following clause that authorizes other agencies to piggyback this contract, #0118-2600, provided the vendor agrees to do so:

8.COOPERATIVE PURCHASING: All proposers awarded contracts from this RFP are required to permit governmental entities in Volusia County to participate in the contract under the same prices, terms, and conditions except that allowances may be made for differences in delivery costs. At the option of the awarded proposer, the use of the contract resulting from this solicitation may be extended to other governmental agencies, cities, counties, and political subdivisions.

You can download the contract from our webpage, http://purchasing.codb.us. Click "Term Contracts" and enter the vendor name to search. You'll find links to the contract, the RFP, addenda, etc. It's too large to email to you.

Please let me know if you need additional information.

Thanks
Joanne Flick
Purchasing Agent

Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

VendorRegistry

CURED IN PLACE PIPE (CIPP) REHABILITATION SERVICES

Contract Properties

Contract Name: CURED IN PLACE PIPE (CIPP) REHABILITATION SERVICES

Contract Number: Insituform Technologies, LLC

Solicitation Number: 0118-2600

Start Date: 2/7/2019

Expiration: 9/18/2020

Description:

Res 19-22, Res 19-238

Comments: 1 yr w. 4-1 year renewals

Involved Parties

Manager: Kirk Zimmerman

Administrator-Department: Shannon Ponitz - Utilities

Administrator-Department: Jo Ann Macrina - Utilities

Renewal

# of renewals: 4

Renewal Length In Months: 12 months

Attached Files

Name: Contract

File Name: Contract,exec0118-2600.pdf

Name: Contract revised

File Name: CONTRACTexecInsituform_rev.pdf

Name: Resolution

File Name: Res19-238Insituform.pdf

Name: Resolution

File Name: Res19-22.JPG

Request Sent To Vendors

Name: Insituform Technologies, LLC

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	CIPP REHABILITATION - SANITARY SEWER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
A	**8" diameter**				
A-1	6.0 mm normal thickness (.236")	10,000	LF	$ 23.10	$ 231,000.00
A-2	7.5 mm normal thickness (.295")	10,000	LF	$ 25.20	$ 252,000.00
A-3	9.0 mm normal thickness (.354")	5,000	LF	$ 26.00	$ 130,000.00
				TOTAL "A"	$ 613,000.00
B	**10" diameter**				
B-1	6.0 mm normal thickness (.236")	400	LF	$ 27.30	$ 10,920.00
B-2	7.5 mm normal thickness (.295")	400	LF	$ 29.70	$ 11,880.00
B-3	9.0 mm normal thickness (.354")	400	LF	$ 31.00	$ 12,400.00
				TOTAL "B"	$ 35,200.00
C	**12" diameter**				
C-1	6.0 mm normal thickness (.236")	400	LF	$ 30.40	$ 12,160.00
C-2	7.5 mm normal thickness (.295")	400	LF	$ 32.90	$ 13,160.00
C-3	9.0 mm normal thickness (.354")	600	LF	$ 39.30	$ 23,580.00
				TOTAL "C"	$ 48,900.00
D	**15" diameter**				
D-1	6.0 mm normal thickness (.236")	400	LF	$ 38.00	$ 15,200.00
D-2	7.5 mm normal thickness (.295")	400	LF	$ 42.10	$ 16,840.00
D-3	9.0 mm normal thickness (.354")	600	LF	$ 49.10	$ 29,460.00
				TOTAL "D"	$ 61,500.00
E	**18" diameter**				
E-1	6.0 mm normal thickness (.236")	300	LF	$ 37.90	$ 11,370.00
E-2	7.5 mm normal thickness (.0295")	300	LF	$ 45.00	$ 13,500.00
E-3	9.0 mm normal thickness (.354")	300	LF	$ 57.70	$ 17,310.00
E-4	10.5 mm normal thickness (.413")	200	LF	$ 61.20	$ 12,240.00
				TOTAL "E"	$ 54,420.00
F	**21" diameter**				
F-1	6.0 mm normal thickness (.236")	300	LF	$ 44.00	$ 13,200.00
F-2	7.5 mm normal thickness (.295")	300	LF	$ 48.00	$ 14,400.00
F-3	9.0 mm normal thickness (.354")	300	LF	$ 67.50	$ 20,250.00
F-4	10.5 mm normal thickness (.413")	300	LF	$ 73.30	$ 21,990.00
F-5	12.0 mm normal thickness (.472")	200	LF	$ 78.90	$ 15,780.00
F-6	Charge for each 1.5 mm thickness increase per LF exceeding 12.0 mm	100	LF	$ 4.20	$ 420.00
				TOTAL "F"	$ 86,040.00

	CIPP REHABILITATION - SANITARY SEWER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
G	**24" diameter**				
G-1	9.0 mm normal thickness (.354")	300	LF	$ 70.00	$ 21,000.00
G-2	10.5 mm normal thickness (.413")	300	LF	$ 82.50	$ 24,750.00
G-3	12.0 mm normal thickness (.472")	300	LF	$ 89.90	$ 26,970.00
G-4	13.5 mm normal thickness (.531")	300	LF	$ 94.90	$ 28,470.00
G-5	15.0 mm normal thickness (.591")	200	LF	$ 100.20	$ 20,040.00
G-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 4.30	$ 430.00
				TOTAL "G"	$ 121,660.00
H	**27" diameter**				
H-1	9.0 mm normal thickness (.354")	100	LF	$ 74.00	$ 7,400.00
H-2	10.5 mm normal thickness (.413")	100	LF	$ 89.70	$ 8,970.00
H-3	12.0 mm normal thickness(.472")	100	LF	$ 97.90	$ 9,790.00
H-4	13.5 mm normal thickness (.531")	50	LF	$ 104.20	$ 5,210.00
H-5	15.0 mm normal thickness (.591")	50	LF	$ 110.30	$ 5,515.00
H-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 3.90	$ 390.00
				TOTAL "H"	$ 37,275.00
I	**30" diameter**				
I-1	9.0 mm normal thickness (.354")	100	LF	$ 76.00	$ 7,600.00
I-2	10.5 mm normal thickness (.413")	100	LF	$ 101.10	$ 10,110.00
I-3	12.0 mm normal thickness (.472")	100	LF	$ 109.50	$ 10,950.00
I-4	13.5 mm normal thickness (.531")	100	LF	$ 115.90	$ 11,590.00
I-5	15.0 mm normal thickness (.591")	100	LF	$ 121.80	$ 12,180.00
I-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 5.50	$ 550.00
				TOTAL "I"	$ 52,980.00
J	**36" diameter**				
J-1	10.5 mm normal thickness (.413")	100	LF	$ 90.00	$ 9,000.00
J-2	12.0 mm normal thickness (.472")	100	LF	$ 134.50	$ 13,450.00
J-3	13.5 mm normal thickness (.531")	100	LF	$ 142.80	$ 14,280.00
J-4	15.0 mm normal thickness (.591")	100	LF	$ 150.70	$ 15,070.00
J-5	16.5 mm normal thickness (.650")	100	LF	$ 157.40	$ 15,740.00
J-6	18.0 mm normal thickness (.709")	100	LF	$ 166.10	$ 16,610.00
J-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 5.60	$ 560.00
				TOTAL "J"	$ 84,710.00

	CIPP REHABILITATION - SANITARY SEWER MAINS				
ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
K	**42" diameter**				
K-1	10.5 mm normal thickness (.413")	100	LF	$ 119.80	$ 11,980.00
K-2	12.0 mm normal thickness (.472")	100	LF	$ 158.80	$ 15,880.00
K-3	13.5 mm normal thickness (.531")	100	LF	$ 167.60	$ 16,760.00
K-4	15.0 mm normal thickness (.591")	100	LF	$ 176.40	$ 17,640.00
K-5	16.5 mm normal thickness (.650")	50	LF	$ 185.20	$ 9,260.00
K-6	18.0 mm normal thickness (.709")	50	LF	$ 192.80	$ 9,640.00
K-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 7.10	$ 710.00
				TOTAL "K"	$ 81,870.00
	TOTAL "A" THRU "K"				$ 1,277,555.00
	CLEAN & INSPECTION - SANITARY SEWER MAINS				
L	**Light Cleaning and Inspection**				
L-1	8" – 12" diameter	6,000	LF	$ 2.50	$ 15,000.00
L-2	14" – 18" diameter	6,000	LF	$ 5.00	$ 30,000.00
L-3	20" – 24" diameter	6,000	LF	$ 7.00	$ 42,000.00
L-4	27" – 42" diameter	6,000	LF	$ 10.00	$ 60,000.00
L-5	48" – 72" diameter	6,000	LF	$ 12.10	$ 72,600.00
				TOTAL "L"	$ 219,600.00
M	**Medium Cleaning**				
M-1	8" – 12" diameter	6,000	LF	$ 3.70	$ 22,200.00
M-2	14" – 18" diameter	6,000	LF	$ 7.00	$ 42,000.00
M-3	20" – 24" diameter	6,000	LF	$ 10.00	$ 60,000.00
M-4	27" – 42" diameter	6,000	LF	$ 13.10	$ 78,600.00
M-5	48" – 72" diameter	6,000	LF	$ 15.10	$ 90,600.00
				TOTAL "M"	$ 293,400.00
N	**Heavy Cleaning**				
N-1	8" – 12" diameter	6,000	LF	$ 3.30	$ 19,800.00
N-2	14" – 18" diameter	6,000	LF	$ 8.00	$ 48,000.00
N-3	20" – 24" diameter	6,000	LF	$ 12.10	$ 72,600.00
N-4	27" – 42" diameter	6,000	LF	$ 16.10	$ 96,600.00
N-5	48" – 72" diameter	6,000	LF	$ 18.10	$ 108,600.00
		6,000	LF		$ -
				TOTAL "N"	$ 345,600.00
O	**Root Removal**				
O-1	8" – 12" diameter	6,000	LF	$ 1.60	$ 9,600.00
O-2	14" – 18" diameter	6,000	LF	$ 2.60	$ 15,600.00
O-3	20" – 24" diameter	6,000	LF	$ 4.80	$ 28,800.00
O-4	27" – 42" diameter	6,000	LF	$ 5.30	$ 31,800.00
O-5	48" – 72" diameter	6,000	LF	$ 6.30	$ 37,800.00
				TOTAL "O"	$ 123,600.00

	CLEAN & INSPECTION - SANITARY SEWER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
P	**Tuberculation Cleaning**				
P-1	8" – 12" diameter	6,000	LF	$ 19.00	$ 114,000.00
P-2	14" – 18" diameter	6,000	LF	$ 21.70	$ 130,200.00
P-3	20" – 24" diameter	6,000	LF	$ 22.70	$ 136,200.00
P-4	27" – 42" diameter	6,000	LF	$ 23.30	$ 139,800.00
P-5	48" – 72" diameter	6,000	LF	$ 25.90	$ 155,400.00
				TOTAL "P"	$ 675,600.00
	TOTAL "L" THRU "P"				$ 1,657,800.00
	SANITARY SEWER				
	LATERAL CIPP LINING-TOP HAT/FULL WRAP - UP TO 36"				
Q					
Q-1	Four (4) inch lateral connection per ASTM F1216-16	20	EA	$ 2,009.90	$ 40,198.00
Q-2	Six (6) inch lateral connection per ASTM F1216-16	20	EA	$ 2,009.90	$ 40,198.00
Q-3	Eight (8) inch lateral connection per ASTM F1216-16	20	EA	$ 2,009.90	$ 40,198.00
Q-4	Lateral lining 0 to 30' per ASTM F1216-16	100	LF	$ 79.30	$ 7,930.00
Q-5	Additional Lateral Lining > 30' per ASTM F1216-16	100	LF	$ 37.00	$ 3,700.00
Q-6	Lateral Cutout	20	EA	$ 195.00	$ 3,900.00
Q-4	Lateral Grout	20	EA	$ 390.20	$ 7,804.00
	TOTAL "Q"				$ 143,928.00
	SANITARY SEWER				
	MANHOLE/LIFT STATION REFURBISHMENT				
R					
R-1	Interior Manhole Application (Precast)	2,000	SF	$ 19.00	$ 38,000.00
R-2	Interior Manhole Application (Brick)	2,000	SF	$ 23.30	$ 46,600.00
R-3	Interior Lift Station Application (Precast)	2,000	SF	$ 21.20	$ 42,400.00
R-4	Interior Lift Station Application (Brick)	2,000	SF	$ 26.40	$ 52,800.00
R-5	Bench/Invert Repair	200	EA	$ 528.90	$ 105,780.00
	TOTAL "R"				$ 285,580.00
	SANITARY SEWER				
	CLEANOUT INSTALLATION				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
S					
S-1	Four (4) inch cleanout	20	EA	$ 528.90	$ 10,578.00
S-2	Six (6) inch cleanout	20	EA	$ 634.70	$ 12,694.00
S-3	Eight (8) inch cleanout	20	EA	$ 793.40	$ 15,868.00
	TOTAL "S"				$ 39,140.00

	MANHOLE CLEANING				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
T	Manhole cleaning	2,000	SF	$ 5.30	$ 10,600.00
	TOTAL "T"				$ 10,600.00
	TOTAL "Q" THRU "T"				$ 479,248.00
	CIPP REHABILITATION - STORMWATER MAINS				
U	**8" diameter**				
U-1	6.0 mm normal thickness (.236")	500	LF	$ 39.50	$ 19,750.00
				TOTAL "U"	$ 19,750.00
V	**10" diameter**				
V-1	6.0 mm normal thickness (.236")	400	LF	$ 45.50	$ 18,200.00
V-2	7.5 mm normal thickness (.295")	400	LF	$ 48.00	$ 19,200.00
				TOTAL "V"	$ 37,400.00
W	**12" diameter**				
W-1	6.0 mm normal thickness (.236")	750	LF	$ 48.80	$ 36,600.00
W-2	7.5 mm normal thickness (.295")	750	LF	$ 51.50	$ 38,625.00
				TOTAL "W"	$ 75,225.00
X	**15" diameter**				
X-1	6.0 mm normal thickness (.236")	1,000	LF	$ 55.00	$ 55,000.00
X-2	7.5 mm normal thickness (.295")	1,500	LF	$ 64.50	$ 96,750.00
X-3	9.0 mm normal thickness (.354")	1,000	LF	$ 76.90	$ 76,900.00
X-4	Charge for each 1.5 mm thickness increase per LF exceeding 9.0 mm	100	LF	$ 2.10	$ 210.00
				TOTAL "X"	$ 228,860.00
Y	**18" diameter**				
Y-1	6.0 mm normal thickness (.236")	1,250	LF	$ 52.20	$ 65,250.00
Y-2	7.5 mm normal thickness (.295")	1,250	LF	$ 67.60	$ 84,500.00
Y-3	9.0 mm normal thickness (.354")	1,250	LF	$ 79.40	$ 99,250.00
Y-4	10.5 mm normal thickness (.413")	1,250	LF	$ 82.90	$ 103,625.00
Y-5	Charge for each 1.5 mm thickness increase per LF exceeding10.5 mm	100	LF	$ 4.20	$ 420.00
				TOTAL "Y"	$ 353,045.00
Z	**21" diameter**				
Z-1	6.0 mm normal thickness (.236")	220	LF	$ 59.70	$ 13,134.00
Z-2	7.5 mm normal thickness (.295")	220	LF	$ 63.50	$ 13,970.00
Z-3	9.0 mm normal thickness (.354")	220	LF	$ 90.10	$ 19,822.00
Z-4	10.5 mm normal thickness (.413")	220	LF	$ 96.10	$ 21,142.00
Z-5	12.0 mm normal thickness (.472")	200	LF	$ 104.40	$ 20,880.00
Z-6	Charge for each 1.5 mm thickness increase per LF exceeding 12.0 mm	100	LF	$ 4.20	$ 420.00
				TOTAL "Z"	$ 89,368.00

	CIPP REHABILITATION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
AA	**24" diameter**				
AA-1	9.0 mm normal thickness (.354")	700	LF	$ 95.00	$ 66,500.00
AA-2	10.5 mm normal thickness (.413")	700	LF	$ 106.70	$ 74,690.00
AA-3	12.0 mm normal thickness (.472")	700	LF	$ 116.80	$ 81,760.00
AA-4	13.5 mm normal thickness (.531")	700	LF	$ 122.00	$ 85,400.00
AA-5	15.0 mm normal thickness (.591")	700	LF	$ 127.50	$ 89,250.00
AA-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 4.30	$ 430.00
				TOTAL "AA"	$ 398,030.00
BB	**27" diameter**				
BB-1	9.0 mm normal thickness (.354")	220	LF	$ 100.00	$ 22,000.00
BB-2	10.5 mm normal thickness (.413")	220	LF	$ 113.70	$ 25,014.00
BB-3	12.0 mm normal thickness (.472")	220	LF	$ 124.60	$ 27,412.00
BB-4	13.5 mm normal thickness (.531")	220	LF	$ 131.20	$ 28,864.00
BB-5	15.0 mm normal thickness (.591")	220	LF	$ 137.60	$ 30,272.00
BB-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 4.50	$ 450.00
				TOTAL "BB"	$ 134,012.00
CC	**30" diameter**				
CC-1	9.0 mm normal thickness (.354")	600	LF	$ 100.00	$ 60,000.00
CC-2	10.5 mm normal thickness (.413")	600	LF	$ 113.70	$ 68,220.00
CC-3	12.0 mm normal thickness (.472")	600	LF	$ 123.30	$ 73,980.00
CC-4	13.5 mm normal thickness (.531")	600	LF	$ 129.90	$ 77,940.00
CC-5	15.0 mm normal thickness (.591")	600	LF	$ 135.90	$ 81,540.00
CC-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 5.50	$ 550.00
				TOTAL "CC"	$ 362,230.00
DD	**36" diameter**				
DD-1	10.5 mm normal thickness (.413")	500	LF	$ 108.00	$ 54,000.00
DD-2	12.0 mm normal thickness (.472")	500	LF	$ 151.70	$ 75,850.00
DD-3	13.5 mm normal thickness (.531")	500	LF	$ 160.30	$ 80,150.00
DD-4	15.0 mm normal thickness (.591")	500	LF	$ 168.30	$ 84,150.00
DD-5	16.5 mm normal thickness (.650")	250	LF	$ 175.10	$ 43,775.00
DD-6	18.0 mm normal thickness (.709")	250	LF	$ 184.00	$ 46,000.00
DD-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 5.60	$ 560.00
				TOTAL "DD"	$ 384,485.00

	CIPP REHABILITATION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
EE	**42" diameter**				
EE-1	10.5 mm normal thickness (.413")	250	LF	$ 120.00	$ 30,000.00
EE-2	12.0 mm normal thickness (.472")	250	LF	$ 140.00	$ 35,000.00
EE-3	13.5 mm normal thickness (.531")	250	LF	$ 185.80	$ 46,450.00
EE-4	15.0 mm normal thickness (.591")	250	LF	$ 194.80	$ 48,700.00
EE-5	16.5 mm normal thickness (.650")	250	LF	$ 203.80	$ 50,950.00
EE-6	18.0 mm normal thickness (.709")	250	LF	$ 211.50	$ 52,875.00
EE-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 7.10	$ 710.00
				TOTAL "EE"	$ 264,685.00
FF	**48" diameter**				
FF-1	12.0 mm normal thickness (.472")	200	LF	$ 150.00	$ 30,000.00
FF-2	13.5 mm normal thickness (.531")	200	LF	$ 160.00	$ 32,000.00
FF-3	15.0 mm normal thickness (.591")	200	LF	$ 225.30	$ 45,060.00
FF-4	16.5 mm normal thickness (.650")	200	LF	$ 235.60	$ 47,120.00
FF-5	18.0 mm normal thickness (.709")	200	LF	$ 244.60	$ 48,920.00
FF-6	19.5 mm normal thickness (.768")	100	LF	$ 262.20	$ 26,220.00
FF-7	21.0 mm normal thickness (.827")	100	LF	$ 270.90	$ 27,090.00
FF-8	Charge for each 1.5 mm thickness increase per LF exceeding 21.0 mm	100	LF	$ 8.00	$ 800.00
				TOTAL "FF"	$ 257,210.00
GG	**52" diameter**				
GG-1	10.5 mm normal thickness (.413")	25	LF	$ 145.00	$ 3,625.00
GG-2	12.0 mm normal thickness (.472")	25	LF	$ 155.00	$ 3,875.00
GG-3	13.5 mm normal thickness (.531")	25	LF	$ 165.00	$ 4,125.00
GG-4	15.0 mm normal thickness (.591")	25	LF	$ 196.50	$ 4,912.50
GG-5	16.5 mm normal thickness (.650")	25	LF	$ 204.20	$ 5,105.00
GG-6	18.0 mm normal thickness (.709")	25	LF	$ 262.20	$ 6,555.00
GG-7	19.5 mm normal thickness (.768")	25	LF	$ 279.30	$ 6,982.50
GG-8	21.0 mm normal thickness (.827")	25	LF	$ 290.40	$ 7,260.00
GG-9	22.5 mm normal thickness (.886")	100	LF	$ 302.60	$ 30,260.00
GG-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 9.60	$ 960.00
				TOTAL "GG"	$ 73,660.00

	CIPP REHABILITATION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
HH	**54" diameter**				
HH-1	10.5 mm normal thickness (.413")	25	LF	$ 150.00	$ 3,750.00
HH-2	12.0 mm normal thickness (.472")	25	LF	$ 160.00	$ 4,000.00
HH-3	13.5 mm normal thickness (.531")	25	LF	$ 170.00	$ 4,250.00
HH-4	15.0 mm normal thickness (.591")	25	LF	$ 210.00	$ 5,250.00
HH-5	16.5 mm normal thickness (.650")	25	LF	$ 215.00	$ 5,375.00
HH-6	18.0 mm normal thickness (.709")	25	LF	$ 288.90	$ 7,222.50
HH-7	19.5 mm normal thickness (.768")	25	LF	$ 305.50	$ 7,637.50
HH-8	21.0 mm normal thickness (.827")	25	LF	$ 406.10	$ 10,152.50
HH-9	22.5 mm normal thickness (.886")	100	LF	$ 419.70	$ 41,970.00
HH-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 9.80	$ 980.00
				TOTAL "HH"	$ 90,587.50
II	**60" diameter**				
II-1	10.5 mm normal thickness (.413")	25	LF	$ 302.40	$ 7,560.00
II-2	12.0 mm normal thickness (.472")	25	LF	$ 319.00	$ 7,975.00
II-3	13.5 mm normal thickness (.531")	25	LF	$ 330.20	$ 8,255.00
II-4	15.0 mm normal thickness (.591")	25	LF	$ 341.20	$ 8,530.00
II-5	16.5 mm normal thickness (.650")	25	LF	$ 350.40	$ 8,760.00
II-6	18.0 mm normal thickness (.709")	25	LF	$ 445.50	$ 11,137.50
II-7	19.5 mm normal thickness (.768")	25	LF	$ 468.90	$ 11,722.50
II-8	21.0 mm normal thickness (.827")	25	LF	$ 483.90	$ 12,097.50
II-9	22.5 mm normal thickness (.886")	100	LF	$ 499.10	$ 49,910.00
II-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 13.50	$ 1,350.00
				TOTAL "II"	$ 127,297.50
JJ	**72" diameter**				
JJ-1	10.5 mm normal thickness (.413")	25	LF	$ 500.10	$ 12,502.50
JJ-2	12.0 mm normal thickness (.472")	25	LF	$ 506.20	$ 12,655.00
JJ-3	13.5 mm normal thickness (.531")	25	LF	$ 519.70	$ 12,992.50
JJ-4	15.0 mm normal thickness (.591")	25	LF	$ 532.80	$ 13,320.00
JJ-5	16.5 mm normal thickness (.650")	25	LF	$ 546.60	$ 13,665.00
JJ-6	18.0 mm normal thickness (.709")	25	LF	$ 680.50	$ 17,012.50
JJ-7	19.5 mm normal thickness (.768")	25	LF	$ 763.20	$ 19,080.00
JJ-8	21.0 mm normal thickness (.827")	25	LF	$ 781.80	$ 19,545.00
JJ-9	22.5 mm normal thickness (.886")	100	LF	$ 796.30	$ 79,630.00
JJ-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 14.70	$ 1,470.00
				TOTAL "JJ"	$ 201,872.50
	Total CIPP Rehabilitiation - Stormwater Mains ("U" THRU "JJ")				$ 3,097,717.50

	CLEAN & INSPECTION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
KK	**Light Cleaning and inspection**				
KK-1	8"- 12" diameter	6,000	LF	$ 6.00	$ 36,000.00
KK-2	14" - 18" diameter	6,000	LF	$ 8.00	$ 48,000.00
KK-3	20" - 24" diameter	6,000	LF	$ 9.00	$ 54,000.00
KK-4	27" - 42" diameter	6,000	LF	$ 12.10	$ 72,600.00
KK-5	48" - 72" diameter	6,000	LF	$ 16.10	$ 96,600.00
				TOTAL "KK"	$ 307,200.00
LL	**Medium Cleaning**				
LL-1	8" - 12" diameter	6,000	LF	$ 9.00	$ 54,000.00
LL-2	14"- 18" diameter	6,000	LF	$ 11.10	$ 66,600.00
LL-3	20" - 24" diameter	6,000	LF	$ 14.10	$ 84,600.00
LL-4	27" - 42" diameter	6,000	LF	$ 17.10	$ 102,600.00
LL-5	48"- 72" diameter	6,000	LF	$ 20.10	$ 120,600.00
				TOTAL "LL"	$ 428,400.00
MM	**Heavy Cleaning**				
MM-1	8" - 12" diameter	6,000	LF	$ 11.10	$ 66,600.00
MM-2	14" - 18" diameter	6,000	LF	$ 16.10	$ 96,600.00
MM-3	20" - 24" diameter	6,000	LF	$ 20.10	$ 120,600.00
MM-4	27"- 42" diameter	6,000	LF	$ 26.10	$ 156,600.00
MM-5	48"- 72" diameter	6,000	LF	$ 32.20	$ 193,200.00
				TOTAL "MM"	$ 633,600.00
NN	**Root Removal**				
NN-1	8" - 12" diameter	6,000	LF	$ 1.60	$ 9,600.00
NN-2	14" - 18" diameter	6,000	LF	$ 2.60	$ 15,600.00
NN-3	20" - 24" diameter	6,000	LF	$ 4.80	$ 28,800.00
NN-4	27" - 42" diameter	6,000	LF	$ 5.30	$ 31,800.00
NN-5	48"- 72" diameter	6,000	LF	$ 6.30	$ 37,800.00
				TOTAL "NN"	$ 123,600.00
OO	**Tuberculation Cleaning**				
OO-1	8" - 12" diameter	6,000	LF	$ 19.00	$ 114,000.00
OO-2	14" - 18" diameter	6,000	LF	$ 21.70	$ 130,200.00
OO-3	20" - 24" diameter	6,000	LF	$ 22.70	$ 136,200.00
OO-4	27"- 42" diameter	6,000	LF	$ 23.30	$ 139,800.00
OO-5	8" - 72" diameter	6,000	LF	$ 25.90	$ 155,400.00
				TOTAL "OO"	$ 675,600.00
PP	**Stormwater Manhole Cleaining**	2,800	SF	$ 5.30	$ 14,840.00
				TOTAL "PP"	$ 14,840.00
	TOTAL "KK" THRU "PP"				$ 2,183,240.00

	ANCILLARY GENERAL SERVICES				
ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
QQ	By-Pass Pumping				
QQ-1	8" diameter	5	LS	$ 317.40	$ 1,587.00
QQ-2	10" diameter	5	LS	$ 317.40	$ 1,587.00
QQ-3	12" diameter	5	LS	$ 1,586.80	$ 7,934.00
QQ-4	15" diameter	5	LS	$ 6,347.00	$ 31,735.00
QQ-5	18" diameter	5	LS	$ 11,107.30	$ 55,536.50
QQ-6	21" diameter	5	LS	$ 12,694.10	$ 63,470.50
QQ-7	24" diameter	5	LS	$ 14,280.80	$ 71,404.00
QQ-8	27" diameter	5	LS	$ 15,867.60	$ 79,338.00
QQ-9	30" diameter	5	LS	$ 17,454.30	$ 87,271.50
QQ-10	36" diameter	5	LS	$ 19,041.10	$ 95,205.50
				TOTAL "QQ"	$ 495,069.00
RR	Standard Service Reconnection	25	Each	$ 195.00	$ 4,875.00
				TOTAL "RR"	$ 4,875.00
SS	Traffic Control - FDOT Right of Way				
SS-1	Flagman	10	Setup	$ 655.90	$ 6,559.00
SS-2	Arrow Board	10	Setup	$ 190.40	$ 1,904.00
SS-3	Barricades	10	Setup	$ 359.70	$ 3,597.00
SS-4	Lane Dividers	10	Setup	$ 15.90	$ 159.00
				TOTAL "SS"	$ 12,219.00
TT	Traffic Control - City Right of Way				
TT-1	Flagman	10	Setup	$ 655.90	$ 6,559.00
TT-2	Arrow Board	10	Setup	$ 190.40	$ 1,904.00
TT-3	Barricades	10	Setup	$ 264.50	$ 2,645.00
TT-4	Lane Dividers	10	Setup	$ 15.90	$ 159.00
				TOTAL "TT"	$ 11,267.00
UU	Traffic Control - County Right of Way				
UU-1	Flagman	10	Setup	$ 655.90	$ 6,559.00
UU-2	Arrow Board	10	Setup	$ 190.40	$ 1,904.00
UU-3	Barricades	10	Setup	$ 359.70	$ 3,597.00
UU-4	Lane Dividers	10	Setup	$ 15.90	$ 159.00
				TOTAL "UU"	$ 12,219.00

	ANCILLARY GENERAL SERVICES				
ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
VV	**Easement Access**				
VV-1	6" to 12" diameter	100	LF	$ 3.70	$ 370.00
VV-2	14" to 18" diameter	100	LF	$ 4.80	$ 480.00
VV-3	20" to 24" diameter	100	LF	$ 6.10	$ 610.00
VV-4	27" to 30" diameter	100	LF	$ 9.80	$ 980.00
VV-5	36" to 42" diameter	100	LF	$ 10.80	$ 1,080.00
VV-6	48" to 54" diameter	100	LF	$ 16.10	$ 1,610.00
				TOTAL "VV"	$ 5,130.00
WW	**Manhole Cleaning**	2,800	SF	$ 5.30	$ 14,840.00
				TOTAL "WW"	$ 14,840.00
XX	**Grout fill abandoned pipe**	1,000	CY	$ 158.70	$ 158,700.00
				TOTAL "XX"	$ 158,700.00
YY	**Chemical and physical product testing**	10	EA	$ 264.50	$ 2,645.00
				TOTAL "YY"	$ 2,645.00
ZZ	**Erosion and sediment control**				
ZZ-1	Silt Fencing	200	LF	$ 4.20	$ 840.00
ZZ-2	Floating Turbidity Barrier	200	LF	$ 15.90	$ 3,180.00
ZZ-3	Gutter Buddy	100	EA	$ 52.90	$ 5,290.00
				TOTAL "ZZ"	$ 9,310.00
AAA	**Mobilization**	20	Setup	$ 3,578.40	$ 71,568.00
				TOTAL "AAA"	$ 71,568.00
BBB	**Bonds**	100,000	Percentage	$ 0.03	$ 3,000.00
				TOTAL "BBB"	$ 3,000.00
	TOTAL "QQ" THRU "BBB"				$ 800,842.00
	TOTAL ESTIMATED BID AMOUNT				$ 9,496,402.50

	ADDITIVE ALTERNATE No. 1				
	SANITARY SEWER				
	LINE RECONSTRUCTION SDR 26 LESS THAN 10' DEPTH				
CCC					
CCC-1	15"	100	LF	$ 272.00	$ 27,200.00
CCC-2	18"	100	LF	$ 292.20	$ 29,220.00
CCC-3	24"	100	LF	$ 385.60	$ 38,560.00
CCC-4	30"	100	LF	$ 464.10	$ 46,410.00
CCC-5	36"	100	LF	$ 582.90	$ 58,290.00
CCC-6	42"	100	LF	$ 594.10	$ 59,410.00
CCC-7	48"	100	LF	$ 1,193.20	$ 119,320.00
CCC-8	54"	100	LF	$ 1,500.00	$ 150,000.00
CCC-9	60"	100	LF	$ 2,000.00	$ 200,000.00
CCC-10	66"	50	LF	$ 2,500.00	$ 125,000.00
CCC-11	72"	50	LF	$ 3,000.00	$ 150,000.00
				TOTAL "CCC"	$ 1,003,410.00
	SANITARY SEWER				
	LINE RECONSTRUCTION C900 GREATER THAN 10' DEPTH				
DDD					
DDD-1	15"	100	LF	$ 333.30	$ 33,330.00
DDD-2	18"	100	LF	$ 358.30	$ 35,830.00
DDD-3	24"	100	LF	$ 469.00	$ 46,900.00
DDD-4	30"	100	LF	$ 578.50	$ 57,850.00
DDD-5	36"	100	LF	$ 745.00	$ 74,500.00
DDD-6	42"	100	LF	$ 1,391.10	$ 139,110.00
DDD-7	48"	100	LF	$ 1,500.00	$ 150,000.00
DDD-8	54"	100	LF	$ 2,000.00	$ 200,000.00
DDD-9	60"	100	LF	$ 2,500.00	$ 250,000.00
DDD-10	66"	50	LF	$ 3,000.00	$ 150,000.00
DDD-11	72"	50	LF	$ 3,500.00	$ 175,000.00
				TOTAL "DDD"	$ 1,312,520.00

	STORMWATER MAINS				
EEE	**Line Reconstruction (concrete collars are incidental) greater than 8' depth and under roadways**				
EEE-1	15" RCP	250	LF	$ 161.30	$ 40,325.00
EEE-2	18" RCP	250	LF	$ 171.10	$ 42,775.00
EEE-3	24" RCP	250	LF	$ 188.60	$ 47,150.00
EEE-4	30" RCP	250	LF	$ 227.30	$ 56,825.00
EEE-5	36 'RCP	250	LF	$ 256.20	$ 64,050.00
EEE-6	48" RCP	250	LF	$ 324.20	$ 81,050.00
EEE-7	54" RCP	250	LF	$ 386.40	$ 96,600.00
EEE-8	60" RCP	250	LF	$ 424.70	$ 106,175.00
EEE-9	72" RCP	500	LF	$ 548.60	$ 274,300.00
				TOTAL "EEE"	$ 809,250.00
FFF	**HDPE Line Reconstruction less than 8'**				
FFF-1	15" HDPE	250	LF	$ 133.60	$ 33,400.00
FFF-2	18" HDPE	250	LF	$ 142.20	$ 35,550.00
FFF-3	24" HDPE	250	LF	$ 160.60	$ 40,150.00
FFF-4	30" HDPE	250	LF	$ 203.10	$ 50,775.00
FFF-5	36" HDPE	250	LF	$ 209.80	$ 52,450.00
FFF-6	42" HDPE	250	LF	$ 231.70	$ 57,925.00
FFF-7	48" HDPE	250	LF	$ 279.80	$ 69,950.00
FFF-8	54" HDPE	250	LF	$ 310.00	$ 77,500.00
FFF-9	60" HDPE	250	LF	$ 353.50	$ 88,375.00
FFF-10	70" HDPE	500	LF	$ 390.00	$ 195,000.00
				TOTAL "FFF"	$ 701,075.00
	TOTAL "CCC" THRU "FFF"				$ 3,826,255.00

19-22

GENERAL SERVICES CONTRACT
CONTRACT NO. 0118-2600

THE PARTIES TO THIS CONTRACT are the City of Daytona Beach, a Florida municipal corporation (the "City"), and Insituform Technologies, LLC, a foreign limited liability company ("Contractor").

In consideration of the mutual covenants herein contained, the Parties agree as follows:

Section 1. Scope of Services. Contractor will provide Cured in Place Pipe Lining and associated services as further described in **Exhibit A**, attached hereto and incorporated herein, to the City from time to time at the direction of the City during the Term of this Contract.

Section 2. Services Must Be Authorized in Writing. This Contract, in and of itself, does not require the Contractor to perform any services or obligate the City to pay for any services rendered. No services will be provided under this Contract, and no payment obligation will arise for performance of services, except when specifically authorized by work authorization issued in accordance with the City's procurement policies. A work authorization may consist of a contract document signed by both the City and Contractor; or it may consist of Contractor's written quotation/proposal, identifying the work to be performed and the Fees for such work as established below; and the City's purchase order issued in response to and accepting the proposal. No work authorization may alter the terms and conditions of this Contract. In case of a conflict with a work authorization this Contract will govern. The work authorization may provide more detailed parameters for the services to be provided, such as deliverables, deadlines, and required conditions for payment of Fees, consistent with the provisions of this Contract.

Section 3. Fee(s). For the services provided under this Contract, City will pay Contractor Fees based upon the Fee/Rate Schedule attached hereto as **Exhibit B**.

The Fees described in **Exhibit B** will be Contractor's sole compensation for the services to be provided. Except for any reimbursable expenses specifically authorized by Exhibit, Contractor will be solely responsible for all of costs Contractor incurs in meeting its obligations herein.

Section 4. Billing; Manner of Payment. In addition to requirements for payment established by applicable federal, state, or local law including the City Code, payment terms are as follows:

(a) Unless provided otherwise herein, the City will pay 30 days after receipt of a valid invoice or receipt of goods or services, whichever is later.

(b) In order to be considered to be valid, an invoice must include all information that the City needs to verify the accuracy of the invoice and the amount of payment due based on the specific requirements of this Contract, such as where partial payments are due upon completion of specific tasks, or where payments are based on hourly rates. In

addition, where payment of reimbursable expenses is specifically provided for, an invoice for such expenses will not be valid unless sufficient documentation is provided to verify that such expenses were incurred and that other conditions have been met. In addition, where any portion of the work was performed by subcontractors, Contractor must provide proof of payment/release of subcontractors' liens except as provided in Section 12A.

(c) If an invoice submitted by Contractor is not valid, within 30 days after receipt the City will provide notice to the Contractor identifying the deficiencies.

Section 5. Standard of Performance. Contractor's services will at a minimum meet the level care and skill ordinarily used by members of Contractor's profession performing the type of services provided herein within the State of Florida.

Section 6. Relationship between Parties. This Contract does not create an employee-employer relationship between the City and Contractor. Contractor is an independent contractor of the City and will be in control of the means and the method in which the requested work is performed. As an independent contractor, Contractor will be solely responsible for payment of all federal, state and local income tax, and self-employment taxes, arising from this Contract; and Contractor agrees to indemnify and hold harmless the City from any obligations relating to such taxes. The City will not make deductions from payments due, for such taxes, or for social security, unemployment insurance, worker's compensation, or other employment or payroll taxes.

Section 7. Documents and Records.

(a) All reports, estimates, logs, original drawings, and other materials furnished, prepared or executed by Contractor during the term of and in accordance with the provisions of this Contract will be the property of the City and delivered to the City upon demand or, if no demand has previously been made, upon completion of the particular task for which such materials were prepared, executed, or otherwise required.

(b) To the extent applicable, Contractor will comply with the requirements of Florida Statutes Chapter 119, which may include the following:

(1) Keeping and maintaining public records that ordinarily and necessarily would be required by the public agency in order to perform the service provided herein.

(2) Upon the request of the City Clerk of the City (i) providing the City Clerk with a copy of requested public records, or (ii) allowing inspection or copying of public records, within a reasonable tim after receipt of the City Clerk's request, at a cost that does not exceed the cost provided in Ch. 119, Florida Statutes, or as otherwise provided by law.

(3) Ensuring that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by

law until completion of the work required by a work authorization, and following such completion if Contractor fails to transfer such records to the City.

(4) Upon completion of the work required by a work authorization, keep and maintain public records required by the City to perform the service. Contractor will meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City upon the request of the City Clerk, in a format that is compatible with the City's information technology systems.

IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTRACTOR MUST CONTACT THE CITY CLERK, WHOSE CONTACT INFORMATION IS AS FOLLOWS:

(Phone)	386 671-8023
(Email)	clerk@codb.us
(Address)	301 S. Ridgewood Avenue Daytona Beach, FL 32114

Section 8. Effective Date and Term. The Effective Date of this Contract is the date on which the last Party signs it. The Term of this Contract is one year, commencing on the Effective Date. The City will have the option to renew this Contract for up to 4 Terms of one-year each, by providing Contractor written notice. Such notice must be provided at least 60 days before the end of the current Term unless waive by Contractor.

If this Contract specifically provides that some or all of Contractor's services will be required only after issuance of a City work authorization, any work authorizations previously issued by the City will remain in effect after the expiration of this Contract unless the City terminates this Contract dues to Contractor's material breach after notifying Contractor to suspend such services as provided below.

Section 9. Termination.

(a) The City may by written notice to Contractor terminate this Contract, in whole or in part, at any time, either for the City's convenience or because of the failure of the Contractor to fulfill its contractual obligations.

(1) Before terminating for convenience, City must provide Contractor at least 30 day's advance notice of termination. This Contract will terminate automatically and without need for further notice upon the expiration of the notice period.

(2) Except as provided in Section 10(a)(3), before terminating due to Contractor's material breach of its contractual obligations, City must provide Contractor prior written notice, specifying the breach and demanding Contractor remedy the breach

within 10 days of the notice, or within such longer period as may be reasonably required if the nature of the breach is that it cannot be remedied within 10 days of notice. This Contract will terminate automatically and without need for further notice if Contractor fails to remedy the material breach within the period described in the City's notice of breach.

(3) The City may terminate this Contract upon Contractor's breach without providing Contractor an opportunity to remedy the breach as referenced immediately above, if Contractor or any of Contractor's personnel, in connection with the services or rights provided herein, commit a criminal act or engage in activity that poses a material risk of injury to persons or damage to property. Such termination will be effective immediately upon providing Contractor written notice.

(b) If the termination is for convenience, Contractor will be paid compensation for authorized services performed to the date of termination. If termination is due to Contractor's material breach, the City reserves all rights and remedies it may have under law due to such breach. Among other things, the City may take over the work and prosecute the same to completion by other agreements or otherwise; and in such case, the Contractor will be liable to the City for all reasonable additional costs occasioned to the City thereby.

(c) If after notice of termination for the Contractor's failure to fulfill contractual obligations it is judicially determined by a court of law that the Contractor had not so failed, the termination will be conclusively deemed to have been effected for the City's convenience. In such event, adjustment in payment to Contractor will be made as provided in subsection (b) of this Section for a termination for convenience.

(d) The rights and remedies of City provided for in this Section are in addition and supplemental to any and all other rights and remedies provided by law or under this Contract.

Section 10. Suspension of Services. The City may suspend Contractor's services if the notice of material breach provided pursuant to Section 10(a)(2) so directs. The City may also suspend Contractor's services in lieu of termination, under the conditions set forth in Section 10(a)(3), by providing Contractor written notice of suspension. Contractor will suspend activities immediately upon receipt thereof; and in such instance Contractor's rights to provide services referenced herein will also automatically be suspended for the period of such suspension.

Section 11. Indemnification. Contractor will indemnify and hold harmless the City, including the City's officers, employees, and agents, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of Contractor, or Contractor's officers, employees, or agents, including subcontractors and other persons employed or use by Contractor in the performance of this Contract. This indemnification agreement is separate and apart from, and in no way limited by, any insurance provided pursuant to this agreement or otherwise.

Section 12. Insurance. Contractor will provide and maintain at Contractor's own expense, insurance of the kinds of coverage and in the amounts set forth in this Section. All such insurance will be primary and non-contributory with the City's own insurance. In the event any request for the performance of services presents exposures to the City not covered by the requirements set forth below, the City reserves the right to add insurance requirements that will cover such an exposure.

(a) Coverage and Amounts.

(1) Workers Compensation Insurance as required by Florida Statutes, Chapter 440, Workers' Compensation Insurance, for all employees of Contractor, employed at the site of the service or in any way connected with the work, which is the subject of this service. The insurance required by this provision will comply fully with the Florida Workers' Compensation Law and include Employers' Liability Insurance with limits of not less than $500,000 per occurrence. Any associated or subsidiary company involved in the service must be named in the Workers' Compensation coverage. If Contractor wishes to claim an exemption from worker's compensation insurance requirements, Contractor will notify the Risk Manager in writing on Contractor's official letterhead.

(2) Liability Insurance, including (i) **Commercial general liability coverage** for operations, independent contractors, products-completed operations, broad form property damage, and personal injury on an "occurrence" basis insuring Contractor and any other interests, including but not limited to any associated or subsidiary companies involved in the work; and (ii) **Automobile Liability Insurance**, which will insure claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle used by the Contractor in the performance of this Contract.

THE COMMERCIAL GENERAL LIABILITY INSURANCE POLICY WILL NAME THE CITY AS AN ADDITIONAL INSURED. Contractor's Commercial General Liability insurance policy shall provide coverage to Contractor, and City when required to be named as an additional insured either by endorsement or pursuant to a blanket additional insured endorsement, for those sources of liability which would be covered by the latest edition of the standard Commercial General Liability Coverage Form (ISO Form CG 00 01) without the attachment of any endorsements excluding or limiting coverage for Products/Completed Operations, Independent Contractors, Property of City in Contractor's Care, Custody or Control or Property of City on which contracted operations are being performed, Explosion, Collapse or Underground hazards (XCU Coverage, Contractual Liability or Separation of Insureds). When City is added as additional insured by endorsement, ISO Endorsements CG 20 10 and CG 20 37 or their equivalent shall be used to provide such Additional Insured status.

The limit of liability for each policy will be a combined single limit for bodily injury and property damage of no less than $1,000,000 per occurrence. If insurance is provided

with a general aggregate, then the aggregate will be in an amount of no less than $2,000,000. The Risk Manager may authorize lower liability limits for the automobile policy only, at the Risk Manager's sole discretion.

Unless specifically waived hereafter in writing by the Risk Manager, Contractor agrees that the insurer shall waive its rights of subrogation, if any, against the City on each of the above listed insurance coverages.

(b) Proof of Insurance. Contractor will furnish proof of insurance acceptable to the City prior to or at the time of execution of this Contract. Contractor will not commence work until all proof of such insurance has been filed with and approved by the City. Contractor will furnish evidence of all required insurance in the form of certificates of insurance which will clearly outline all hazards covered as itemized above, the amounts of insurance applicable to each hazard, the expiration dates. The certificates will also contain the following language as to cancellation:

> "In the event of cancellation of this policy by the insurer or any insured, this Company will give not less than 30 days advance written notice to:
>
> Risk Manager
> The City of Daytona Beach
> P.O. Box 2451
> Daytona Beach, Florida 32115-2451"

If requested by the City, Contractor will furnish copies of the insurance contracts to support the certificates of insurance and the copies of said insurance must be acceptable to the City.

(c) Subcontractors' Insurance. Each of Contractor's subcontractors will be required to provide insurance in substantially similar form to the insurance required of Contractor above based on services provided.

(d) Cancellation; Replacement Required. Contractor will file replacement certificates 30 days prior to expiration or termination of the required insurance occurring prior to the acceptance of the work by the City. If a required policy is canceled without Contractor's prior knowledge Contractor will immediately notify the City immediately upon becoming aware that a required insurance coverage has been canceled for any reason, and promptly replace the canceled policy. The City expressly reserves the right or replace the canceled policy at Contractor's expense of Contractor fails to do so.

(e) Termination of Insurance. Contractor may not cancel the insurance required by this Contract until the work is completed, accepted by the City and Contractor has received written notification from the Risk Management Division of the City that Contractor may cancel the insurance required by this Contract and the date upon which the insurance may be canceled. The Risk Management Division of the City will provide such written notification at the request of Contractor if the request is made no earlier than two weeks before the work is to be completed.

(f) Liabilities Unaffected. Contractor's liabilities under this Contract will survive and not be terminated, reduced or otherwise limited by any expiration or termination of insurance coverages. Similarly, Contractor's liabilities under this Contract will not be limited to the extent of by the existence of any exclusions or limitations in insurance coverages, or by Contractor's failure to obtain insurance coverage.

Contractor will not be relieved from responsibility to provide required insurance by any failure of the City to demand such coverage, or by City's approval of a policy submitted by Contractor that does not meet the requirements of this Contract.

Section 12A. Bonds. Contractor will be required to provide payment and performance bonds on a per project basis, which will each be equal to 100% of the value of any Work Authorization issued exceeding $100,000.00 prior to commencing the referenced work.

The surety company executing the bonds must be authorized to do business in the State of Florida and must be listed by the United States Treasury Department as being approved for writing bonds for federal projects on its current list in an amount not less than the required bond amount. The form of the bond must be approved by the City and must be accompanied by sufficient evidence of the authority of the issuing agent. The bonds must otherwise comply with the requirements of F.S. § 255.05.

In lieu of the required bonds, Contractor may provide an alternative form of security as specified in F.S. § 255.05(7) upon the City's approval. Any bonds used to comply with this Section must be in the form provided by the City; and Contractor must record the executed bonds and provide the City certified copies of the recorded documents before commencing work. Upon Contractor's (i) execution and recordation of payment and performance bonds complying with the foregoing provisions; and (ii) furnishing to the City a certified copy of the recorded bonds, proof of payment of Contractor's subcontractors and suppliers will not be required as a condition of making a required payment to Contractor; and to the extent that the General Conditions provide otherwise the General Conditions are superseded.

Section 13. Notice. Unless otherwise expressly agreed herein, all notices, requests, and demands to or upon the Parties will be delivered by hand, delivered by a courier service, provided to a nationally recognized delivery service for overnight delivery, transmitted to a receiving fax machine followed by hard copy within two days, or by U.S. mail, postage prepaid by registered or certified mail, return receipt requested, to the addresses set forth herein:

To the City:
Eric Smith, Engineer II
Daytona Beach Utilities
125 Basin St., Suite 100
Daytona Beach, FL 32114
Fax: 386-671-8502

To Contractor:
Insituform Technologies, LLC
Attn: Diane Partridge, Contracting and Attesting Officer
17988 Edison Avenue
Chesterfield, MO 63005
Fax: (636) 530-8701

provided, however, that either Party may change the person or address designated for receipt of the Party's notices, by providing written notice to the other Party.

Section 14. Personnel. In order to induce the City into entering this Contract, Contractor represents that Brandt Curvel, Project Manager; Al Yeomans, General Superintendent; and Jason Burnell, Field Superintendent will generally perform or directly supervise the tasks assigned to Contractor herein, and that Contractor will not replace the named individuals without the City's prior written approval. Contractor represents that Contractor has or will secure at Contractor's own expense, all personnel required in performing the services under this Contract. Such personnel will not be employees of or have any contractual relationship with the City.

All personnel engaged in the work will be fully qualified and will be authorized under state and local law to perform such services.

Section 15. City's Responsibilities. The City agrees to make available for review and use by the Contractor, reports, studies, and data relating to the services required. The City will establish a project manager to meet periodically with the Contractor to facilitate coordination and ensure expeditious review of work product.

Section 16. Limitation on Waivers. Neither the City's review, approval, or acceptance of, or payment for, any of the services provided by Contractor, will be construed to operate as a waiver of the City's rights under this Contract. Contractor will be and always remain liable to the City in accordance with applicable law for any and all damages to the City caused by the Contractor's negligent or wrongful provision of any of the services furnished under this Contract.

Failure of the City to exercise any right or option arising out of a breach of this Contract will not be deemed a waiver of any right or option with respect to any subsequent or different breach, or the continuance of any existing breach. Furthermore, the failure of the City at any time to insist upon strict performance of any condition, promise, agreement or understanding set forth herein will not be construed as a waiver or relinquishment of the City's right to insist upon strict performance of the same condition, promise, agreement or understanding at a future time.

Section 17. Dispute Resolution.

If a dispute exists concerning this Contract, the Parties agree to use the following procedure prior to pursuing any judicial remedies.

(a) Negotiations. A Party will request in writing that a meeting be held between representatives of each Party within 14 calendar days of the request or such later date that the Parties may agree to. Each Party will attend and will include, at a minimum, a senior level decision maker (an owner, officer, or employee of each organization) empowered to negotiate on behalf of their organization. The purpose of this meeting is to negotiate in the matters constituting the dispute in good faith. The Parties may mutually agree in writing to waive this step and proceed directly to mediation as described below.

(b) Non-Binding Mediation. Mediation is a forum in which an impartial person, the mediator, facilitates communication between parties to promote reconciliation, settlement, or understanding among them. Within 30 days after the procedure described in Subsection (a) proves unsuccessful or the Parties mutually waive the subsection (a) procedure, the Parties will submit to a non-binding mediation. The mediation, at a minimum, will provide for (i) conducting an on-site investigation, if appropriate, by the mediator for fact gathering purposes, (ii) a meeting of all Parties for the exchange of points of view and (iii) separate meetings between the mediator and each Party to the dispute for the formulation of resolution alternatives. The Parties will select a mediator trained in mediation skills and certified to mediate by the Florida Bar, to assist with resolution of the dispute. The Parties will act in good faith in the selection of the mediator and give consideration to qualified individuals nominated to act as mediator. Nothing in this Contract prevents the Parties from relying on the skills of a person who also is trained in the subject matter of the dispute or a contract interpretation expert. Each Party will attend and will include, at a minimum, a senior level decision maker (an owner, officer, or employee of each organization) empowered to negotiate on behalf of their organization.

If the Parties fail to reach a resolution of the dispute through mediation, then the Parties are released to pursue any judicial remedies available to them.

Section 18. General Terms and Conditions.

(a) Amendments. Except as otherwise provided herein, no change or modification of this Contract will be valid unless the same is in writing and signed by both Parties.

(b) Assignments and Subcontracting. No assignment or subcontracting will be permitted without the City's written approval.

(c) Compliance with Laws and Regulations. In providing all services pursuant to this Contract, Contractor will abide by all federal, state, and local statutes, ordinances, rules, and regulations pertaining to, or regulating the provisions of, such services including those now in effect and hereafter adopted; including, but not limited to, Occupational Safety and Health Administration's (OSHA) Excavation Safety Standard, 29 C.F.R.s 1926.650 Sub Part P, and the Trench Safety Act, Florida Statutes Section 553.60 *et seq.*

For purposes herein, the aforementioned laws and regulations include the current stormwater permit issued to the City pursuant to the National Pollutant Discharge Elimination System (NPDES) program, a copy of which will be made available upon request.

Any violation of said statutes, ordinances, rules, or regulations will constitute a material breach of this Contract and will entitle the City to terminate this Contract immediately upon delivery of written notice of termination to the Contractor.

(d) Truth in Negotiations Certificate. Contractor hereby certifies that the wages and other factual unit costs supporting the compensation herein are accurate, complete, and current at the time of this Contract.

(e) No Third Party Beneficiaries. There are no third party beneficiaries of Contractor's services under this Contract.

(f) Contingency Fee. Contractor warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Contractor, to solicit or secure this Contract and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for Contractor, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Contract.

(g) Nondiscrimination. Contractor will not discriminate against any employee or applicant for employment because of race, color, sex, or national origin. Contractor will take affirmative action to ensure that applicants are employed and the employees are treated during employment without regard to their sex, race, creed, color, or national origin. Further, Contractor agrees to comply with all local, state, and federal laws and ordinances regarding discrimination in employment against any individual on the basis of race, color, religion, sex, national origin, physical or mental impairment, or age. In particular, Contractor agrees to comply with the provisions of Title 7 of the Civil Rights Act of 1964, as amended, and applicable executive orders including, but not limited to, Executive Order No. 11246.

(h) Principles in Construing Contract. This Contract will be governed by and construed in accordance with the laws of the State of Florida. Captions and paragraph headings used herein are for convenience only, are not a part of this Contract and will not be deemed to limit or alter any provisions hereof or to be relevant in construing this Contract. The use of any gender herein will be deemed to be or include the other genders, and the use of the singular herein will be deemed to be or include the plural (and vice versa), wherever appropriate. If any word, phrase, clause, sentence or provision of the Contract, or the application of same to any person or set of circumstances is for any reason held to be unconstitutional, invalid or unenforceable, that finding will only effect such word, phrase, clause, sentence or provision, and such finding will not affect the remaining portions of this Contract; this being the intent of the Parties in entering into the Contract; and all provisions of the Contract are declared to be severable for this purpose.

(i) Venue. The exclusive venue for any litigation arising out of this Contract will be Volusia County, Florida if in state court, or the U.S. District Court, Middle District of Florida if in federal court.

(j) Litigation Costs. Except where specifically provided herein, in case of litigation between the Parties concerning this Contract, each party will bear all of its litigation costs, including attorney's fees.

(k) Force Majeure. A force majeure event is an act of God or of the public enemy, riots, civil commotion, war, acts of government or government immobility (whether federal, state, or local) fire, flood, epidemic, quarantine restriction, strike, freight embargo, or unusually severe weather; provided, however, that no event or occurrence will be deemed to be a force majeure event unless the failure to perform is beyond the control and without any fault or negligence of the Party charged with performing or that Party's officers, employees, or agents. Whenever this Contract imposes a deadline for performing upon a Party, the deadline will be extended by one day for each day that a Force Majeure event prevents the Party from performing; provided, however, that the Party charged with performing and claiming delay due to a Force Majeure event will promptly notify the other Party of the Event and will use its best efforts to minimize any resulting delay.

(l) Jury Trial Waived. THE PARTIES HEREBY WAIVE THEIR RESPECTIVE RIGHTS TO A JURY TRIAL OF ANY CLAIM OR CAUSE OF ACTION BASED UPON OR ARISING OUT OF THIS CONTRACT, OR ANY DEALINGS BETWEEN THE PARTIES. THE SCOPE OF THIS WAIVER IS INTENDED TO BE ALL ENCOMPASSING OF ANY DISPUTES BETWEEN THE PARTIES THAT MAY BE FILED IN ANY COURT AND THAT RELATE TO THE SUBJECT MATTER, INCLUDING WITHOUT LIMITATION, CONTRACT CLAIMS, TORT CLAIMS, BREACH OF DUTY CLAIMS AND ALL OTHER COMMON LAW AND STATUTORY CLAIMS.

(m) Authority to Bind Contractor. The undersigned representative of Contractor represents and warrants the he or she is fully authorized to bind Contractor to the terms and conditions of this Contract.

(n) Incorporation of RFP and Proposal. The City's Request for Proposals 0118-2600, and the Contractor's responsive proposal are incorporated herein by reference as **Composite Exhibit C** and will remain on file in the Office of the Purchasing Agent. In case of conflicts between the RFP and Proposal, the RFP will govern. In case of conflicts between **Composite Exhibit C** and other provisions of this Contract, including **Exhibits A** and **B**, this Contract will govern.

(o) Integration. This Contract represents the entire agreement of the parties with respect to the subject matter hereof. No representations, warranties, inducements or oral agreements have been made by either Party except as expressly set forth herein, or in other contemporaneous written agreements.

IN WITNESS WHEREOF, the Parties through their undersigned representatives have caused this Contract to be executed in duplicate original.

THE CITY

By: _____
Derrick L. Henry, Mayor

Date: 2-6-19

CONTRACTOR

By: _____
Printed Name: Diane Partridge
Title: Contracting and Attesting Officer
Date: January 3, 2019

Attest: _____
Letitia LaMagna, City Clerk

Approved as to legal form:

By: _____
Robert Jagger, City Attorney

INSITUFORM TECHNOLOGIES, LLC

PRESIDENT APPOINTMENT OF
CONTRACTING AND ATTESTING OFFICERS

The undersigned, being the President of Insituform Technologies, LLC, a Delaware Limited Liability Company (the "Company"), and pursuant to the authority set forth in the Limited Liability Company Operating Agreement of the Company, hereby determines that:

1. Christlanda Adkins, Laura M. Andreski, Janet Hass, Jana Lause, Diane Partridge, Whittney Schulte, and Ursula Youngblood are appointed as Contracting and Attesting Officers of the Company, each with the authority, individually and in the absence of the others, subject to the control of the Board of Managers of the Company, to: (i) certify and attest to the signature of any officer of the Company; (ii) enter into and bind the Company to perform pipeline rehabilitation activities of the Company and all matters related thereto, including the maintenance of one or more offices and facilities of the Company; (iii) execute and to deliver documents on behalf of the Company; and (iv) take such other action as is or may be necessary and appropriate to carry out the project, activities and work of the Company.

2. Any person previously appointed or serving as a Contracting and Attesting Officer of the Company prior to the date hereof and who is not named above is hereby removed from any such appointment.

Dated: December 1, 2018

Charles R. Gordon
President

EXHIBIT A
SCOPE OF WORK

I. General

The CITY requires professional Cured In Place Pipe (CIPP) rehabilitation services for sanitary sewer gravity mains and oval and round stormwater mains (8" – 72" diameter) on a continuing annual contract basis. Quantities listed are estimated for proposal purposes based on work projections and are subject to change. The term of the agreement will be for a period of one (1) year with an option to extend the agreement for four (4) additional one-year terms upon mutual agreement for the same prices and at the same terms and conditions. The contract shall not exceed five (5) years.

II. Summary of Work

The CONTRACTOR shall provide all work required for a completed project including but not necessarily limited to labor, supervision, traffic control, materials, equipment, installation, onsite material test samples showing compliance with manufacturer's recommended material, handling and incidentals required for the rehabilitation of various sized sanitary sewer gravity mains and oval and round stormwater mains with resin impregnated cured-in-place pipe (CIPP) in accordance with American Society for Testing and Materials (ASTM) ~~standard F 1216-09~~ Designation F1216-16 and all applicable CITY, manufacturer and industry preferred standards. The CONTRACTOR shall provide professional advice to CITY on the most cost-effective and efficient approach to resolve all challenges encountered during the performance of the work. Work assigned under this contract may include, but is not limited to, the following types of projects:

- Stormwater main and sanitary sewer main cleaning
- Stormwater main and sanitary sewer main pre- and post- work video inspections
- Easement access
- Maintenance of Traffic (MOT)
- Isolation and by-pass pumping
- Cured-In Place Pipe reconstruction
- Chemical and physical product testing
- Hydraulic capacity testing
- Reinstatement of services and pressure grouting
- Erosion and sediment control
- Site restoration

III. Product Performance

A. Lining

Standard lining products meeting product specifications outline in ASTM Designation: F1216-16 (Attachment A) are intended to have a 50-year design life and in order to minimize CITY's risk. Only proven products with substantial successful long-term track records will be approved. All thicknesses expressed on the Bid Item Schedule are the *finished thicknesses* of the liner after curing.

B. Equipment/Vehicles

All CONTRACTOR/sub-contractor equipment shall be sufficient in size and number for work to be performed in a timely manner under this contract. All CONTRACTOR/sub-contractor equipment shall be maintained in good operating condition. The CITY reserves the right to reject any equipment deemed unsafe or insufficient in size and/or number to perform work under this contract. It shall be the sole responsibility of the CONTRACTOR/sub-contractor to replace rejected equipment in a timely manner and at no cost to the CITY. All equipment shall be equipped at a minimum with manufacturer's recommended sound muffling devices that will reduce noise levels to the State or Federal acceptable limit for residential neighborhoods.

IV. Materials

A. All materials specified by name, brand or manufacturer shall be delivered to the job site in original containers. CONTRACTOR shall obtain printed instruction and special bulletins for the manufacturer-recommended safety precautions. CONTRACTOR/sub-contractor personnel will have copies of the manufacturer-recommended safety precautions available at the work site to ensure all work is performed in a safe manner.

B. The CONTRACTOR shall use potable water from the CITY for the project. The CONTRACTOR must obtain a construction hydrant water meter and all appropriate fees paid prior to the start of work. The CONTRACTOR will be responsible for paying for all potable water used at standard CITY rates.

VII. Contractor Responsibilities

A. Backflow Prevention: The CONTRACTOR will properly install an approved backflow prevention device in-line to the fresh water fill line of all jetting and/or vacuum equipment

B. Staffing: The CONTRACTOR shall employ adequate staff to perform the services required, including but not limited to Project Representative, Project Manager, Field Supervisor and Senior Foreman. CONTRACTOR shall provide staff who are proficient and experienced in all phases of services required.

C. Site Assessment: The CONTRACTOR shall visit each site to assess site conditions including confirmation of the actual footage, material type and diameters and incorporate those findings in their initial cost and work proposal.

D. Vehicle Identification: The CONTRACTOR shall ensure that employee's vehicles display company logo on the side doors and company phone numbers. The CONTRACTOR will not permit personal vehicles to be parked at the job site.

E. License and Confined Space: The CONTRACTOR shall be a licensed CONTRACTOR for the provision of these services in the State of Florida with full service

offices in the State of Florida for the provision these services.

F. Cleaning of Stormwater Main and Sewer Lines: The CONTRACTOR shall remove and properly dispose of all debris from the inside of manholes, stormwater mains and/or sewer lines and provide a sufficiently dry interior environment that will not interfere with the installation's expected working life of a durable CIPP liner per the manufacturer's requirements.

G. Bypassing Stormwater and Sewage: The CONTRACTOR shall provide for the flow of stormwater and sewage around the sections of pipe designated for reconstruction. The CONTRACTOR shall make the bypass by plugging the line at an existing upstream manhole and pumping the flow into a downstream manhole by way of restrained watertight pipe. The CONTRACTOR will provide pump(s) and bypass lines of adequate capacity and size to handle the average daily flow. The CONTRACTOR'S backup bypass pump(s) will be adequately sized and with full operational capabilities and will be on site at all times of by-pass pumping. The CONTRACTOR shall be responsible for all traffic control during operations and bypass pumping.

H. TV & Inspection of Pipelines: The CONTRACTOR will inspect pipelines using experienced personnel trained in locating breaks, obstacles and service connections by closed circuit television. The CONTRACTOR will carefully inspect the interior of the pipeline to determine the location of any conditions which may prevent proper installation of CIPP into the pipeline; the CONTRACTOR will notify the City so that these conditions can be corrected. The CONTRACTOR shall review all questionable host pipe areas with the CITY and provide advice on remedies to correct them. The CONTRACTOR will maintain a video and suitable log for later reference by the CITY. The CONTRACTOR will perform the post-construction inspection and will provide a video DVD and log to the CITY. The CONTRACTOR will ensure that all video inspection are witnessed by a CITY representative as it is being performed. The CONTRACTOR will include the cost of video inspection in the contract line items.

I. Manhole/Liner Interface: The CONTRACTOR shall make a watertight seal at the interface where the liner/host pipe meets the manhole or other attachment point. The CONTRACTOR'S removal of CIPP liner from areas where line placement was elected in lieu of resetting equipment shall be incidental to the placement of the CIPP.

J. Service Reconnection: Service reconnection refers to the reinstatement of the house service connection at the sewer main after the installation of trenchless pipe reconnection system. The CONTRACTOR will accomplish this from within the sewer main via a remote controlled cutting device.

K. Service with Pressure Grouting: The CONTRACTOR will pressure grout the service wye after mainline has been rehabilitated and service line re-instated. The CONTRACTOR will use a non-shrinking chemical grout (Avanti 118/101 or Cues Quickseal 105 are acceptable). The CONTRACTOR shall provide trenchless reconstruction of service laterals and main line sewers. The CONTRACTOR shall perform services including but not limited to televised inspection, data collection, system flow analysis and pipeline reconstruction in accordance with ASTM Designation F2454-05, attached as Attachment B.

L. Safety and Worksite Control: The CONTRACTOR will provide services that include safety measures for both their workers and the public. The CONTRACTOR is completely responsible for the control of the environment of the work site during on-site operations including implementation, operation, maintenance and tear down of traffic control systems. The CONTRACTOR will take all precautions to protect the workers, public the CITY staff from the exposure to harmful or hazardous situations and substances within the stormwater and sewer systems.

M. Waste Materials: The CONTRACTOR will dispose all waste materials and shall transport waste materials to the nearest CITY Wastewater Treatment Plant for processing. The CONTRACTOR will obtain CITY approval of all waste material disposal schedules. The CONTRACTOR shall clean up all waste material spills and clean-up required due to the loading, hauling and unloading of the CONTRACTOR's equipment.

The CONTRACTOR shall conform to any and all requirements regarding hauling and disposal of waste from each work site in accordance with OSHA regulations and those that may be mandated by federal, state or local governments. The CONTRACTOR shall ensure that all waste material transporters possess all required federal, state and local regulations, including but without limitation, 40 CFR Part 263, "Standards Applicable to Transporters of Hazardous Waste" and Chapter 17-730, Part 3, Florida Administrative Code, as may be amended from time to time.

N. Curing Water: The CONTRACTOR will pay for all costs associated with disposal of curing water in accordance with CITY, State and Federal regulations.

O. TV Inspection Report: The CONTRACTOR will prepare and submit a report of each TV inspection and analysis to the CITY for review. The CITY shall consult with the CONTRACTOR and finalize the scope of work.

P. Schedule Coordination: The CONTRACTOR shall inform the CITY of its planned work schedules two weeks in advance of performing the work and provide the CITY reasonable opportunity to observe and inspect the work. The CONTRACTOR will advise the CITY of all schedule changes and notified when a work site is to be left for a 24-hour period when work is not complete.

Q. Rights of Various Interests: Wherever work being done by the City's forces or by other contractors is contiguous to Work covered by this Contract, the respective rights of the various interests involved shall be established by the City to secure the completion of the various portions of the work in general harmony.

R. Separate Contracts: The City reserves the right to let other contracts in connection with this work. Contractor shall afford other contractors reasonable opportunity for the introduction and storage of their materials and the execution of their work, and shall properly connect and coordinate Contractor's work with theirs.

S. Patent Fees and Royalties: CONTRACTOR will be responsible at all times for compliance with applicable patents and copyrights encompassing, in whole or in part, any design, device, material, or process utilized, directly or indirectly, in the performance of the work or the formulation or presentation of its bid. CONTRACTOR will

pay all royalties and license fees and will provide, prior to commencement of a Project hereunder and at all times during the performance of same, for lawful use of any design, device, material or process covered by letters, patent or copyright by suitable legal agreement with the patentee, copyright holder, or their duly authorized representative whether or not the OWNER specifies a particular design, device, material, or process. CONTRACTOR will defend all suits or claims for infringement of any patent or copyright and will save the OWNER harmless from any loss or liability, direct or indirect, arising with respect to CONTRACTOR's process in the formulation of its Bid or the performance of the Work or otherwise arising in connection therewith. The OWNER will have the right to stop the Work or terminate this Contract at any time if CONTRACTOR fails to disclose to the OWNER that CONTRACTOR's work methodology includes the use of any infringing design, device, material, or process.

VIII. Contractor / Sub-contractor Employee Conduct and Appearance

A. Conduct:

1. CONTRACTOR and sub-contractors shall follow all applicable industry standards, federal, state, and local laws/ordinances as related to described work.

2. CONTRACTOR'S on-site employees shall all have current confined space entry certification.

3. The CONTRACTOR will remove any employee or sub-contractor employee reporting to a work site under the influence and/or smelling of alcohol from the work site. CONTRACTOR will immediately replace the employee in a timely manner and at no cost to the CITY.

4. The CONTRACTOR will provide trained supervision at the work site to ensure work is performed in a safe manner.

5. The CONTRACTOR shall correct any damage resulting from the negligence of CONTRACTOR or sub-contractor employee(s) to CITY property or equipment in a timely manner, to the CITY's satisfaction and at the CONTRACTOR's sole expense.

B. Appearance:

1. CONTRACTOR and sub-contractor employees assigned to work under this contract will maintain a neat, clean, and professional appearance.

2. CONTRACTOR and sub-contractor employees shall wear uniforms consisting of, at minimum, wear a work shirt identifying their company name.

3. Licenses/Permits: The CONTRACTOR will obtain all necessary municipal and other governmental licenses/permits and approvals or consent from utilities or carriers such as communications companies, electric utilities, gas utilities and/or other persons/organizations upon whose property or authority performance of work under the contract might impinge.

IX. Scope of Work General Stormwater and Sanitary Sewer Main Lining

The CONTRACTOR will be compensated for oval stormwater mains at the unit cost for the round pipe diameter that meets or exceeds the oval pipe's square feet of flow-way

area opening. Individual item quantities may be adjusted at the sole discretion of the City if necessary to compensate for unique project and site conditions.

A. Stormwater Main and Sanitary Sewer Cleaning

Scope: Work performed under this section includes removal and disposal of all dirt, roots, grease, solids, or semi-solids from stormwater mains, sanitary sewer mains and manholes as indicated on the drawings and as specified herein to the extent that video inspection, flow isolation, and manhole inspection can be performed.

1. Quality Assurance: The CONTRACTOR shall conduct cleaning operations using experienced personnel who have previously been engaged in cleaning operations of similar size and complexity to the work described herein.

2. Submittals:

a. The CONTRACTOR shall submit a Cleaning Log in a format acceptable to the CITY for the purposes of recording pertinent information relative to the stormwater main and sanitary sewer structures being cleaned. The CONTRACTOR will provide the Cleaning Log no later than 14 calendar days after the conclusion of the cleaning.

b. The CONTRACTOR will submit Material Safety Data Sheets (MSDS) for all chemical cleaning agents proposed for use under this contract no later than 14 days after the effective date of the Contract.

B. Products: The CONTRACTOR shall utilizes cleaning equipment capable of removing all accumulated dirt, sand, grease, rocks and other deleterious materials and obstructions from the sanitary sewer mains and the oval and round stormwater mains. The CONTRACTOR will ensure that all equipment used for cleaning operations is designed and intended to do the type of work which is specified. The CONTRACTOR will utilize equipment which is self-contained to handle all operations, when possible. The CONTRACTOR will use equipment manufacturer that is actively engaged in the research, development and manufacturing of said equipment. The CONTRACTOR may be directed to remove equipment deemed sub-standard by the City and may be directed to replace the equipment with equipment meeting these specifications, at no additional cost to the CITY.

1. High Velocity Cleaning Equipment: The CONTRACTOR will supply all high velocity hydraulic sewer cleaning equipment mounted on trucks. The CONTRACTOR supplied equipment shall have a minimum of 500 feet of ¾ inch I.D. high pressure hose with a selection of two or more high velocity nozzles. The nozzles shall have a capacity of 30 GPM at a minimum working pressure of 1000 psi. The nozzles shall be capable of producing a scouring action from 15° to 45° in the direction of cleaning and perpendicular to the sewer axis in all size lines designated to be cleaned. The CONTRACTOR will supply a high velocity gun for washing and scouring manhole walls and floor. The gun capacity shall equal 3.5 to 27 GPM at between 200 and 800 psi. The gun shall be capable of producing flows from a fine spray to a long distance solid stream. The equipment shall carry its own 1200 gallon (minimum) water tank capable of holding corrosive or caustic cleaning, sanitizing or degreasing chemicals if required by the CITY, auxiliary engines and pumps, and hydraulically driving hose reel. All controls shall be located so that the equipment can be operated aboveground.

2. Hydraulically Propelled Cleaning Equipment: The CONTRACTOR will supply hydraulically propelled cleaning equipment of the movable dam type and be constructed in such a way that a portion of the dam may be collapsed at any time during the cleaning operation to protect against flooding of the storm or sewer systems. Storm/Sewer cleaning balls or other such equipment which cannot be collapsed instantly to provide an immediate unobstructed flow-way during emergency conditions will not be considered as acceptable cleaning equipment. The movable dam shall be of equal diameter as the pipe being cleaned and shall provide a flexible scraper around the outer periphery to ensure total removal of the grease or obstruction.

3. Mechanical Cleaning Equipment: The CONTRACTOR will provide bucket machines in pairs with each machine powered by a minimum of a 16 horsepower engine to ensure sufficient pulling power. Each machine shall be equipped with a two speed transmission and shall be able to pull at rates of 175 feet per minute in high speed. The belt clutch gear reduction shall be a combination of approximately 83 to 1 reduction in low speed and 55 to 1 in high speed. The power rodding machine shall be of a "continuous rod" type capable of holding a minimum of 750 feet of rod. The machine and rod shall be specially treated steel, designed for the purpose intended. The machine shall have a positive rod drive and produce a 2,000 pound rod pull. To ensure safe operation, the machine shall have a fully enclosed body and an automatic safety throw-out clutch or relief valve. The final pass shall be with a brush large enough to ensure that the line has been cleaned sufficiently. This brush shall be mechanically driven, with the power mechanism properly sized. The CONTRACTOR will arrange all electrical drops required by the CONTRACTOR.

4. Capture and Removal of Debris: The CONTRACTOR shall furnish equipment, either specialized or standard in the industry, for the purpose of preventing debris from being washed past the manhole downstream of the line segment being cleaned, and for removing the debris from the manhole before any damage is caused to the system performance and or system equipment such as pump/lift stations, check valves, flow-ways, etc. The CONTRACTOR will bear the cost of all system down-time and repairs to restore operational status resulting from construction debris damage that in the CITY's opinion was reasonably preventable.

5. Water Metering Requirements: The CONTRACTOR will access CITY water via fire hydrants equipped with hydrant meters for cleaning, inversion and other work items requiring water. All costs incurred in obtaining and delivering the potable water shall be borne by the CONTRACTOR. The CONTRACTOR will use only potable water for this work.

C. Execution:

1. General: These specifications provide a basis by which a stormwater main or sanitary sewer line can be cleaned of all debris so that further work can be carried out. The CONTRACTOR will clean the designated stormwater main and/or sanitary sewer lines using high velocity, hydraulically propelled or mechanically powered sewer cleaning equipment as specified. The CONTRACTOR'S selection of the equipment used shall be based on the condition of the lines at the time the work commences. The CONTRACTOR will select equipment and methods that are satisfactory to the CITY. The CONTRACTOR will accomplish the cleaning of stormwater main or sewer lines by trapping and collecting all sand, debris, grease and other materials at the next manhole downstream of the line being cleaned,

and removal and proper disposal of said materials. The CONTRACTOR'S cleaning operations may also provide a means by which the stormwater main or sewer line can be threaded, i.e., a cable inserted in the line so that the television camera may be pulled through. The CONTRACTOR will not clean upstream sections of pipe once that section of pipe has been televised and accepted as complete.

2. Site Visit: The CONTRACTOR will conduct a physical reconnaissance of the area to be cleaned in order to verify the location of known and/or accepted manholes.

3. The CONTRACTOR shall utilize a magnetic locator to attempt to identify the location of buried manhole covers and notify the CITY representative so that CITY personnel can excavate and bring the manhole up to grade prior to cleaning. Under no circumstances shall the CONTRACTOR excavate buried manholes without prior written authorization from the CITY.

D. Hydraulic Cleaning Methodology:

1. High Velocity Cleaning Methodology: High velocity hydro-cleaning shall consist of cleaning and flushing of the stormwater main or sewer line by means of water pumped into the line at a high velocity. The CONTRACTOR shall accomplish cleaning using approved equipment to deliver water to a self-propelled nozzle to do the necessary cleaning and flushing. The CONTRACTOR will make as many passes as necessary to sufficiently clean the stormwater main or sewer line. The CONTRACTOR will take all precautions to protect the stormwater main or sewer line from damage that might be inflicted by the improper use of cleaning equipment.

2. Hydraulically Propelled Methodology: The CONTRACTOR will take precautions to ensure that the water does not cause damage of flooding to the public or private property being served by the manhole section involved whenever hydraulically propelled cleaning tools, which depend on water pressure to provide their cleaning force, or any tools which retard the flow of water in the stormwater main or sewer line are used.

3. Capture and Removal of Debris: The CONTRACTOR will construct a suitable weir or dam in the downstream manhole in such a manner that both the solids and water shall be trapped when hydraulic cleaning equipment is used, shall be constructed. The CONTRACTOR will pump this trapped solution using a method approved by the CITY, from the manhole into a retention chamber aboveground. The retention chamber shall contain not less than two baffles to ensure complete settlement of the solids before returning the liquid to the stormwater main or sewer line.

E. Mechanical Cleaning Methodology:

1. Rodding: The CONTRACTOR will perform cleaning by rodding with a power-driven continuous steel rod of sufficient length and gauge with the proper cleaning heads or augers, so as to loosen all solids or other materials. It shall also provide a means to thread a cable for the power winch.

2. Bucket Machine: The CONTRACTOR will remove all solids, materials and other debris by means of a clam-shell type bucket and/or other appliances dragged through the stormwater main or sewer line with power winches of suitable size and horsepower.

3. Supplemental Cleaning: The CONTRACTOR will perform a minimum of one pass using hydraulic cleaning methods after all material has been removed by mechanical cleaning, to ensure complete removal of material from the walls of the pipe. The CONTRACTOR will repair any damage to pipes.

4. Capture and Removal of Debris: The CONTRACTOR will capture debris in the downstream manhole in a manner approved in writing by the CITY, or as described above when mechanical cleaning equipment is used. .

F. Special Cleaning Requirements for Cast Iron Pipe: The CONTRACTOR will clean pipes of tuberculation, including rust build-up and mineral deposits after cleaning pipe of normal sewage deposits such as sand and grease by methods above. The CONTRACTOR may choose any equipment necessary to remove the tuberculation for pipe diameters greater than 24-inch, such as a "pig" or rodder; however, no equipment shall be used which may damage the pipe, manholes, street or downstream pump stations. The CONTRACTOR will remove all tuberculations for pipe diameters less than or equal to 24-inch, using a high pressure water blaster capable of delivering a minimum of 40 gallons per minute at a pressure of 10,000 psi. Where practical, the line shall be proofed by pulling a slip lining pulling head for the size of the pipe involved through the pipe to insure that no restrictions remain. The CONTRACTOR may choose a similar proofing device if deemed acceptable, in writing, by CITY.

G. Sanitary Sewer Manhole Modifications: The CONTRACTOR will make any modifications to manholes to facilitate cleaning which will be subject to prior written approval by the CITY. CONTRACTOR shall salvage and reuse all manhole covers and rings that are removed during sewer line and manhole rehabilitation.

H. Material Removal and Cleanup:

1. Material Removal: The CONTRACTOR will remove all sludge, dirt, sand, rocks, grease and other solid or semi-solid material resulting from the cleaning operation at the downstream manhole of the section being cleaned. Passing material from manhole section to manhole section will not be permitted. Under no circumstances will the CONTRACTOR be allowed to accumulate debris, sand, etc., on the site of work beyond the time limit approved by the CITY, except in totally enclosed containers, and only with the prior written approval of the CITY. The CONTRACTOR will remove all solids or semi-solids resulting from the cleaning operations from the site and disposed of at a location approved by the CITY.

2. Root Removal: The CONTRACTOR will remove all roots. The CONTRACTOR will give special attention during the cleaning operation to assure complete removal of roots from joints in lines and manholes. The CONTRACTOR may use chemical root treatment at the option of the CONTRACTOR.

When the CONTRACTOR uses chemicals to aid in removal of roots, the chemical shall be EPA registered and labeled for use in sewer lines and manholes and in compliance with all applicable CITY, State and Federal regulations. All material and mixing/application procedures for chemical root treatment shall be consistent with the latest standards, requirements and recommendations of the manufacturer of the chemical root

treatment material used. The CONTRACTOR shall protect waterways, ponds and other water bodies from chemical contamination.

I. Degree of Cleaning: The CONTRACTOR will remove all dirt, debris, roots and other solid and liquid materials from the sections of stormwater system or sewer system being cleaned to the extent that closed circuit television inspection can be performed. The CONTRACTOR will only perform light cleaning on all stormwater main and sanitary sewer main. A CITY representative shall define the extent of the cleaning to be performed on existing pipes included within a given work order. The level of cleaning is defined as follows:

1. Light Cleaning: The removal of ¼ pipe diameter depth or less of sand and/or debris from a section of pipe. The removal of roots and/or tuberculation will be paid under a separate line item.

2. Medium Cleaning: The removal of greater than ¼ and up to and including ½ pipe diameter depth of sand and/or debris from a section of pipe. The removal of roots and/or tuberculation will be paid under a separate line item.

3. Heavy Cleaning: The removal of greater than ½ pipe diameter depth of sand and/or debris from a section of pipe. The removal of roots and/or tuberculation will be paid under a separate line item

J. Dewatering: When by CITY and CONTRACTOR prior inspection and agreement it is determined that the pipe cannot be cleaned due to infiltration of groundwater, and the CONTRACTOR is required to temporarily halt the infiltration of groundwater by de-watering system means, the cost shall be included in the unit prices for cleaning as an incidental cost..

K. Manhole Clean-up: Clean-up operations shall consist of cleaning all debris out of the manhole and off the ground around the manhole. The CONTRACTOR will remove all debris from the stormwater system and sanitary sewer system and shall disposed of such debris properly off site in areas provided by the CONTRACTOR at the CONTRACTOR'S expense. The CONTRACTOR will provide transportation of debris or other material by the CONTRACTOR in vehicles or equipment which contain the debris or other material in such a manner to minimize objectionable odor and avoid the possibility of dripping, spilling, scattering, leaking or blowing. , The CONTRACTOR will clean up any debris or other material to the satisfaction of the CITY or other authorities having jurisdiction should spillage of debris resulting from overloading of trucks or for any other reason. The CONTRACTOR will ensure that all vehicles transporting debris or other material do not exceed the maximum allowable load limits of any road being used.

L. Restoration: The CONTRACTOR will repair all damage to public and/or private property which occurs as a direct result of the cleaning operations. The cost of restoring any damaged area to conditions prior to cleaning shall be borne by the CONTRACTOR.

M. Additional Cleaning: The CONTRACTOR will re-clean the line at no additional expense to the CITY should subsequent video inspection of cleaned stormwater main or sewers reveal that additional cleaning is required. The CONTRACTOR will provide any additional video inspection or re-setup of video equipment required due to re-cleaning at no additional expense to the CITY.

N. Pre- and Post-Work Inspections

The CONTRACTOR will video tape the stormwater main or sewer lines under the direct supervision of a CITY representative, prior to commencement of any proposed CIPP work and prior to acceptance of any completed CIPP work,. A CITY representative must be on site during the entire inspection procedure period. In the event the CONTRACTOR performs video inspection without a CITY representative present, the video will not be accepted by the CITY and must be re-done in the presence of a CITY representative. The CONTRACTOR will provide one (1) copy of the DVD video and associated video logs to the CITY prior to scheduling the post-cleaning and final inspections. CONTRACTOR shall meet with CITY staff to determine the acceptable method of repair if defects or problems are observed on the video. The CONTRACTOR will make all necessary repairs or correct the noted deficiencies at no cost to the CITY.

The CONTRACTOR will provide mandatory television inspection on all stormwater main and sewer mains that CIPP work has been performed under this contract. Only pan and tilt type cameras will be allowed. The CONTRACTOR will provide two (2) copies each of the written report and DVD video record of the inspection with audible description of run, direction, location and description of any defect or abnormality to the CITY at the time of the inspection. The video will be in color with good clarity. No black and white or poor quality videos will be accepted. The CONTRACTOR will schedule television inspection a minimum of seventy-two (72) hours in advance and a CITY representative is required to be on-site during entire length of each television inspection; otherwise the television inspection will be deemed invalid. The CONTRACTOR will clean all lines prior to videoing in accordance with Technical Specifications.

O. Maintenance of Traffic (MOT)

CONTRACTOR shall furnish all traffic control in accordance with the Florida Department of Transportation (FDOT) specifications as outlined in the "Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System" (latest edition) and the United States Department of Transportation/Federal Highway Administration (USDOT/FHWA) "Manual on Uniform Traffic Control Devices" (latest edition) for all aspects of assigned work.

CONTRACTOR shall perform all construction activity so that access to businesses can be maintained at all times and access to occupied homes can be maintained during non-working hours. The CONTRACTOR will provide written notice prior to access blockage to the blocked business/resident a minimum of forty-eight (48) hours in advance, either mailed or hand-delivered with a copy of each furnished to the CITY.

The CONTRACTOR shall maintain at least one lane of vehicular traffic at all times. The CONTRACTOR shall also provide safety barricades, business entrance signage and flag persons as required to properly maintain traffic flow. The CONTRACTOR shall prepare and submit a traffic maintenance plan for approval by the CITY prior to the start of work if directed by the CITY. The CONTRACTOR will include the cost of all work, materials and costs required for completed traffic control in the unit cost of the traffic control pay items in the pricing sheet.

P. Locates CONTRACTOR is responsible for all utility locates.

Q. Isolation and Bypass Operations

1. CONTRACTOR shall provide all isolation and bypass operations: The CONTRACTOR's objective of flow bypass and/or diversion pumping is to maintain an efficient and uninterrupted level of service to wastewater collection system and stormwater main users while maintenance or construction operations (including rehabilitation, repair or replacement) are being performed on the segment(s) being bypassed and/or from which flow is being diverted by:

a. Ensuring that bypass and diversion pumps are adequately fueled, lubricated and maintained.

b. Ensuring backup spare parts are expeditiously applied to the flow bypass and/or diversion pumping system in the event of component breakdown.

c. Ensure an emergency backup plan is smoothly implemented in the event of system failure.

d. Preventing backup, spillage, flooding or overflow onto streets, yards and unpaved areas or into building, adjacent ditches, stormwater mains and waterways while flow bypass or diversion pumping takes place, and

e. Ensuring that installation, startup and subsequent disassembly of the flow bypass and diversion pumping system is smoothly transitioned.

2. The CONTRACTOR will provide flow bypass and diversion pumping in such a manner so as not to damage private or public property, or create a nuisance or public menace. The CONTRACTOR will enclose the pumped sewage in a hose or pipe that is adequately protected from traffic and shall be redirected into the wastewater collection system. The CONTRACTOR will return flow to the sewer and will remove all temporary equipment after the work is completed. The CONTRACTOR will enclose the pumped storm water in an enclosed hose or pipe that is adequately protected from traffic and shall be redirected into the stormwater system. The CONTRACTOR shall return flow to the stormwater mains and all temporary equipment removed after the work is completed.

3. The CONTRACTOR will provide an experienced bypass/diversion pump maintenance operator/mechanic and/or deputy on site continuously to monitor the operation of the entire bypass/diversion system when pumps are operating. The operator/mechanic shall comprehensively, methodically and continuously:

a. Adjust pump speed as appropriate so as not to adversely impact upstream or downstream flow condition levels

b. Check that the effectiveness and security of bulkheads, dams, diaphragms, plugs, valves, weirs and all other flow control devices are working effectively and according to plan.

c. Check the integrity of hoses and couplings along the entire bypass/diversion system.

d. Monitor lubrication levels and top off as necessary

e. Facilitate minor repairs as required

f. Report to CITY on problems arising.

4. The CONTRACTOR shall plan and execute sewer flow control, bypass and diversion pumping operations. The CONTRACTOR shall be entirely liable for damages to private or public property that may result from his/her operations and for all cleanup, disinfection, damages, and resultant fines in the event of spillage, flooding or overflow.

5. The CONTRACTOR shall immediately stop the overflow and take action to clean up and disinfect the spillage in the event of accidental overflow or spillage. The CONTRACTOR shall notify the CITY immediately and in any event not less than twenty-four (24) hours following the occurrence.

The CONTRACTOR is deemed to be entirely responsible should fines be subsequently imposed as a direct result of the overflow or spillage and the CONTRACTOR shall pay such fines as are imposed by the authorities. The CITY shall pay no fine(s) where it is shown the CONTRACTOR was entirely responsible for any overflow or spillage.

6. The CONTRACTOR shall complete work as efficiently as possible without interruption once by-pass pumping is underway at any given site.

7. The CONTRACTOR will ensure the level of noise emitted from pumps is within local regulations/ordinance parameters.

R. Work Integration

1. Hours of Operation: The CONTRACTOR will conduct all work during CITY acceptable work hours (typically 7:30 a.m. to 6:00 p.m.), Monday through Friday with the exception of CITY-observed events or holidays, unless circumstances prevent such scheduling. Such circumstances may include, but are not limited to, structures with high peak flows, significant negative impact on business or schools or excessive pedestrian and vehicular traffic flow if structure is located in vehicular or pedestrian thoroughfare. In such circumstances, "off hours" work will be required. This work may include late night and/or early morning hours and weekends. Such scheduling shall be agreed upon by both the CONTRACTOR and the CITY prior to the start of work. CONTRACTOR overtime and other CONTRACTOR-related costs shall be borne by the CONTRACTOR.

2. Work Coordination: The CONTRACTOR shall coordinate all work between a single point of contact for the CONTRACTOR and the CITY designated project manager. The CONTRACTOR will conduct discussion of structure conditions before work starts and final payment based on conditions agreed to at time of commencement of work or in subsequently approved change orders.

3. The CONTRACTOR will notify the CITY a minimum of seventy-two (72) hours prior to the commencement of work in order for CITY personnel to be available for onsite activities.

S. Work Product Submittals

1. Bypass Pumping: The CONTRACTOR will provide submittals for the by-pass pumping plan and those plans approved no less than two weeks prior to execution of the work. The CONTRACTOR will not mobilize prior to approval of the pumping plan.

2. Videotaping: CONTRACTOR will submit one copy of each of two video inspections; one prior to the start of work and one after CIPP lining is completed for each

project. The video shall be of *high visual quality with complete and clear annotation on screen* to trace the route of camera travel and accurately determine the pipe condition in compatibility with the route and inspection information in the condition assessment log.

T. Site Restoration

The CONTRACTOR shall restore the work site(s) on a daily basis where practical. The CONTRACTOR will clear all obstructions from roadways, sidewalks, bike paths and other public thoroughfares daily, to the largest extent possible. The CONTRACTOR will not create a public nuisance during restoration activities. The CONTRACTOR will complete all restoration activities within a minimum of fourteen (14) calendar days of work being finished in a work area. Site restoration is ancillary item for the CIPP reconstruction and shall be included in the LF cost.

U. Ordering and Payment

1. Work will be ordered by the City through delivery of a work order request e-mail that includes a due date for the work order proposal to be submitted, a brief description of the work to be done and an aerial map with a schematic detail of the pipe system. The work order request will include a request for a fee and a time for completion. The City's work order request to the Contractor is based on an annual prioritized list of projects or a request from the Field Operations staff. It may or may not include the need for special conditions such as a compressed timeframe for response and the work schedule based upon the urgency/conditions such as an impending or partial road collapse. Acceptance of the work order proposal shall be documented by issuance of a City Purchase Order. Work shall not commence until issuance of an electronic Notice to Proceed (i.e., an email) for the work order.

2. The CONTRACTOR will submit monthly invoices to the CITY inspector for review and agreement prior to submitting to the CITY project manager for final acceptance and processing of payment.

V. Mobilization Mobilization charges shall include movement of equipment and material to and from the site and other costs not included as a separate line item to commence work on a work authorization.

W. Line Reconstruction

1. Sanitary: Includes open cut and installation of SDR-26 PVC Sanitary Sewer. Furnished and Installed. Open cut and Construct Sanitary Sewer line includes all labor, materials, and equipment necessary for dewatering, excavation, sheeting, shoring bracing installation of SDR26 PVC sanitary sewer, rigid fernco connections or manhole boots as required, pipeline identification and warning tape, disposal of excess material and old pipe, suitable backfill, replacement of existing improvements, pavement repair, testing, sodding and cleanup.

2. Sanitary: Incudes open cut installation of C900 Sanitary sewer. Furnished and Installed. Open cut and Construct Sanitary Sewer line includes all labor, materials, and equipment necessary for dewatering, excavation, sheeting, shoring bracing installation of C900 sanitary sewer, rigid fernco connections or manhole boots as required,

pipeline identification and warning tape, disposal of excess material and old pipe, suitable backfill, replacement of existing improvements such as connections, testing, sodding and cleanup.

3. Stormwater: Incudes open cut installation of RCP stormwater pipeline. Furnished and Installed. Open cut and Construct stormwater line, includes all labor, materials, and equipment necessary for dewatering, excavation, sheeting, shoring, bracing installation of RCP stormwater pipeline identification and warning tape, disposal of excess material and old pipe, suitable backfill, replacement of existing improvements such as connections, testing, sodding, pavement repair, brick and mortar installation and any connection to a structure and cleanup. **FDOT** Concrete collars are required on RCP to connect pipe and incidental to installation of the stormwater PVC line.

4. Stormwater: Incudes open cut installation of HDPE stormwater pipeline. Furnished and Installed. Open cut and Construct stormwater line includes all labor, materials, and equipment necessary for dewatering, excavation, sheeting, shoring, bracing installation of HDPE stormwater pipeline identification and warning tape, disposal of excess material and old pipe, suitable backfill, replacement of existing improvements such as connections, testing, sodding, pavement repair, brick and mortar installation and any connection to a structure and cleanup. HDPE collars are incidental to installation of the stormwater HDPE line.

X. Grout Fill Abandoned Lines Grout fill will be required where the City determines it best to replace the entire line in a different alignment. The unit price will be paid by the cubic yard. Payment will be for the furnishing and placement of the grout mixture and will include all necessary excavation, connections, restoration and all other accommodations to properly perform the work.

Y. Manhole Cleaning the CONTRACTOR will remove all dirt, debris, roots and other solid and liquid materials from the sections of stormwater or sewer manhole being cleaned to the extent that closed circuit television inspection can be performed.

EXHIBIT B

	CIPP REHABILITATION - SANITARY SEWER MAINS				
ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
A	**8" diameter**				
A-1	6.0 mm normal thickness (.236")	10,000	LF	$ 23.10	$ 231,000.00
A-2	7.5 mm normal thickness (.295")	10,000	LF	$ 25.20	$ 252,000.00
A-3	9.0 mm normal thickness (.354")	5,000	LF	$ 26.00	$ 130,000.00
				TOTAL "A"	$ 613,000.00
B	**10" diameter**				
B-1	6.0 mm normal thickness (.236")	400	LF	$ 27.30	$ 10,920.00
B-2	7.5 mm normal thickness (.295")	400	LF	$ 29.70	$ 11,880.00
B-3	9.0 mm normal thickness (.354")	400	LF	$ 31.00	$ 12,400.00
				TOTAL "B"	$ 35,200.00
C	**12" diameter**				
C-1	6.0 mm normal thickness (.236")	400	LF	$ 30.40	$ 12,160.00
C-2	7.5 mm normal thickness (.295")	400	LF	$ 32.90	$ 13,160.00
C-3	9.0 mm normal thickness (.354")	600	LF	$ 39.30	$ 23,580.00
				TOTAL "C"	$ 48,900.00
D	**15" diameter**				
D-1	6.0 mm normal thickness (.236")	400	LF	$ 38.00	$ 15,200.00
D-2	7.5 mm normal thickness (.295")	400	LF	$ 42.10	$ 16,840.00
D-3	9.0 mm normal thickness (.354")	600	LF	$ 49.10	$ 29,460.00
				TOTAL "D"	$ 61,500.00
E	**18" diameter**				
E-1	6.0 mm normal thickness (.236")	300	LF	$ 37.90	$ 11,370.00
E-2	7.5 mm normal thickness (.0295")	300	LF	$ 45.00	$ 13,500.00
E-3	9.0 mm normal thickness (.354")	300	LF	$ 57.70	$ 17,310.00
E-4	10.5 mm normal thickness (.413")	200	LF	$ 61.20	$ 12,240.00
				TOTAL "E"	$ 54,420.00
F	**21" diameter**				
F-1	6.0 mm normal thickness (.236")	300	LF	$ 44.00	$ 13,200.00
F-2	7.5 mm normal thickness (.295")	300	LF	$ 48.00	$ 14,400.00
F-3	9.0 mm normal thickness (.354")	300	LF	$ 67.50	$ 20,250.00
F-4	10.5 mm normal thickness (.413")	300	LF	$ 73.30	$ 21,990.00
F-5	12.0 mm normal thickness (.472")	200	LF	$ 78.90	$ 15,780.00
F-6	Charge for each 1.5 mm thickness increase per LF exceeding 12.0 mm	100	LF	$ 4.20	$ 420.00
				TOTAL "F"	$ 86,040.00

	CIPP REHABILITATION - SANITARY SEWER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
G	**24" diameter**				
G-1	9.0 mm normal thickness (.354")	300	LF	$ 70.00	$ 21,000.00
G-2	10.5 mm normal thickness (.413")	300	LF	$ 82.50	$ 24,750.00
G-3	12.0 mm normal thickness (.472")	300	LF	$ 89.90	$ 26,970.00
G-4	13.5 mm normal thickness (.531")	300	LF	$ 94.90	$ 28,470.00
G-5	15.0 mm normal thickness (.591")	200	LF	$ 100.20	$ 20,040.00
G-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 4.30	$ 430.00
				TOTAL "G"	$ 121,660.00
H	**27" diameter**				
H-1	9.0 mm normal thickness (.354")	100	LF	$ 74.00	$ 7,400.00
H-2	10.5 mm normal thickness (.413")	100	LF	$ 89.70	$ 8,970.00
H-3	12.0 mm normal thickness(.472")	100	LF	$ 97.90	$ 9,790.00
H-4	13.5 mm normal thickness (.531")	50	LF	$ 104.20	$ 5,210.00
H-5	15.0 mm normal thickness (.591")	50	LF	$ 110.30	$ 5,515.00
H-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 3.90	$ 390.00
				TOTAL "H"	$ 37,275.00
I	**30" diameter**				
I-1	9.0 mm normal thickness (.354")	100	LF	$ 76.00	$ 7,600.00
I-2	10.5 mm normal thickness (.413")	100	LF	$ 101.10	$ 10,110.00
I-3	12.0 mm normal thickness (.472")	100	LF	$ 109.50	$ 10,950.00
I-4	13.5 mm normal thickness (.531")	100	LF	$ 115.90	$ 11,590.00
I-5	15.0 mm normal thickness (.591")	100	LF	$ 121.80	$ 12,180.00
I-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 5.50	$ 550.00
				TOTAL "I"	$ 52,980.00
J	**36" diameter**				
J-1	10.5 mm normal thickness (.413")	100	LF	$ 90.00	$ 9,000.00
J-2	12.0 mm normal thickness (.472")	100	LF	$ 134.50	$ 13,450.00
J-3	13.5 mm normal thickness (.531")	100	LF	$ 142.80	$ 14,280.00
J-4	15.0 mm normal thickness (.591")	100	LF	$ 150.70	$ 15,070.00
J-5	16.5 mm normal thickness (.650")	100	LF	$ 157.40	$ 15,740.00
J-6	18.0 mm normal thickness (.709")	100	LF	$ 166.10	$ 16,610.00
J-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 5.60	$ 560.00
				TOTAL "J"	$ 84,710.00

	CIPP REHABILITATION - SANITARY SEWER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
K	**42" diameter**				
K-1	10.5 mm normal thickness (.413")	100	LF	$ 119.80	$ 11,980.00
K-2	12.0 mm normal thickness (.472")	100	LF	$ 158.80	$ 15,880.00
K-3	13.5 mm normal thickness (.531")	100	LF	$ 167.60	$ 16,760.00
K-4	15.0 mm normal thickness (.591")	100	LF	$ 176.40	$ 17,640.00
K-5	16.5 mm normal thickness (.650")	50	LF	$ 185.20	$ 9,260.00
K-6	18.0 mm normal thickness (.709")	50	LF	$ 192.80	$ 9,640.00
K-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 7.10	$ 710.00
				TOTAL "K"	$ 81,870.00
	TOTAL "A" THRU "K"				$ 1,277,555.00
	CLEAN & INSPECTION - SANITARY SEWER MAINS				
L	**Light Cleaning and Inspection**				
L-1	8" – 12" diameter	6,000	LF	$ 2.50	$ 15,000.00
L-2	14" – 18" diameter	6,000	LF	$ 5.00	$ 30,000.00
L-3	20" – 24" diameter	6,000	LF	$ 7.00	$ 42,000.00
L-4	27" – 42" diameter	6,000	LF	$ 10.00	$ 60,000.00
L-5	48" – 72" diameter	6,000	LF	$ 12.10	$ 72,600.00
				TOTAL "L"	$ 219,600.00
M	**Medium Cleaning**				
M-1	8" – 12" diameter	6,000	LF	$ 3.70	$ 22,200.00
M-2	14" – 18" diameter	6,000	LF	$ 7.00	$ 42,000.00
M-3	20" – 24" diameter	6,000	LF	$ 10.00	$ 60,000.00
M-4	27" – 42" diameter	6,000	LF	$ 13.10	$ 78,600.00
M-5	48" – 72" diameter	6,000	LF	$ 15.10	$ 90,600.00
				TOTAL "M"	$ 293,400.00
N	**Heavy Cleaning**				
N-1	8" – 12" diameter	6,000	LF	$ 3.30	$ 19,800.00
N-2	14" – 18" diameter	6,000	LF	$ 8.00	$ 48,000.00
N-3	20" – 24" diameter	6,000	LF	$ 12.10	$ 72,600.00
N-4	27" – 42" diameter	6,000	LF	$ 16.10	$ 96,600.00
N-5	48" – 72" diameter	6,000	LF	$ 18.10	$ 108,600.00
		6,000	LF		$ -
				TOTAL "N"	$ 345,600.00
O	**Root Removal**				
O-1	8" – 12" diameter	6,000	LF	$ 1.60	$ 9,600.00
O-2	14" – 18" diameter	6,000	LF	$ 2.60	$ 15,600.00
O-3	20" – 24" diameter	6,000	LF	$ 4.80	$ 28,800.00
O-4	27" – 42" diameter	6,000	LF	$ 5.30	$ 31,800.00
O-5	48" – 72" diameter	6,000	LF	$ 6.30	$ 37,800.00
				TOTAL "O"	$ 123,600.00

	CLEAN & INSPECTION - SANITARY SEWER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
P	**Tuberculation Cleaning**				
P-1	8" – 12" diameter	6,000	LF	$ 19.00	$ 114,000.00
P-2	14" – 18" diameter	6,000	LF	$ 21.70	$ 130,200.00
P-3	20" – 24" diameter	6,000	LF	$ 22.70	$ 136,200.00
P-4	27" – 42" diameter	6,000	LF	$ 23.30	$ 139,800.00
P-5	48" – 72" diameter	6,000	LF	$ 25.90	$ 155,400.00
				TOTAL "P"	$ 675,600.00
	TOTAL "L" THRU "P"				$ 1,657,800.00
	SANITARY SEWER				
	LATERAL CIPP LINING-TOP HAT/FULL WRAP - UP TO 36"				
Q					
Q-1	Four (4) inch lateral connection per ASTM F1216-16	20	EA	$ 2,009.90	$ 40,198.00
Q-2	Six (6) inch lateral connection per ASTM F1216-16	20	EA	$ 2,009.90	$ 40,198.00
Q-3	Eight (8) inch lateral connection per ASTM F1216-16	20	EA	$ 2,009.90	$ 40,198.00
Q-4	Lateral lining 0 to 30' per ASTM F1216-16	100	LF	$ 79.30	$ 7,930.00
Q-5	Additional Lateral Lining > 30' per ASTM F1216-16	100	LF	$ 37.00	$ 3,700.00
Q-6	Lateral Cutout	20	EA	$ 195.00	$ 3,900.00
Q-4	Lateral Grout	20	EA	$ 390.20	$ 7,804.00
	TOTAL "Q"				$ 143,928.00
	SANITARY SEWER				
	MANHOLE/LIFT STATION REFURBISHMENT				
R					
R-1	Interior Manhole Application (Precast)	2,000	SF	$ 19.00	$ 38,000.00
R-2	Interior Manhole Application (Brick)	2,000	SF	$ 23.30	$ 46,600.00
R-3	Interior Lift Station Application (Precast)	2,000	SF	$ 21.20	$ 42,400.00
R-4	Interior Lift Station Application (Brick)	2,000	SF	$ 26.40	$ 52,800.00
R-5	Bench/Invert Repair	200	EA	$ 528.90	$ 105,780.00
	TOTAL "R"				$ 285,580.00
	SANITARY SEWER				
	CLEANOUT INSTALLATION				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
S					
S-1	Four (4) inch cleanout	20	EA	$ 528.90	$ 10,578.00
S-2	Six (6) inch cleanout	20	EA	$ 634.70	$ 12,694.00
S-3	Eight (8) inch cleanout	20	EA	$ 793.40	$ 15,868.00
	TOTAL "S"				$ 39,140.00

	MANHOLE CLEANING				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
T	Manhole cleaning	2,000	SF	$ 5.30	$ 10,600.00
	TOTAL "T"				$ 10,600.00
	TOTAL "Q" THRU "T"				$ 479,248.00
	CIPP REHABILITATION - STORMWATER MAINS				
U	**8" diameter**				
U-1	6.0 mm normal thickness (.236")	500	LF	$ 39.50	$ 19,750.00
				TOTAL "U"	$ 19,750.00
V	**10" diameter**				
V-1	6.0 mm normal thickness (.236")	400	LF	$ 45.50	$ 18,200.00
V-2	7.5 mm normal thickness (.295")	400	LF	$ 48.00	$ 19,200.00
				TOTAL "V"	$ 37,400.00
W	**12" diameter**				
W-1	6.0 mm normal thickness (.236")	750	LF	$ 48.80	$ 36,600.00
W-2	7.5 mm normal thickness (.295")	750	LF	$ 51.50	$ 38,625.00
				TOTAL "W"	$ 75,225.00
X	**15" diameter**				
X-1	6.0 mm normal thickness (.236")	1,000	LF	$ 55.00	$ 55,000.00
X-2	7.5 mm normal thickness (.295")	1,500	LF	$ 64.50	$ 96,750.00
X-3	9.0 mm normal thickness (.354")	1,000	LF	$ 76.90	$ 76,900.00
X-4	Charge for each 1.5 mm thickness increase per LF exceeding 9.0 mm	100	LF	$ 2.10	$ 210.00
				TOTAL "X"	$ 228,860.00
Y	**18" diameter**				
Y-1	6.0 mm normal thickness (.236")	1,250	LF	$ 52.20	$ 65,250.00
Y-2	7.5 mm normal thickness (.295")	1,250	LF	$ 67.60	$ 84,500.00
Y-3	9.0 mm normal thickness (.354")	1,250	LF	$ 79.40	$ 99,250.00
Y-4	10.5 mm normal thickness (.413")	1,250	LF	$ 82.90	$ 103,625.00
Y-5	Charge for each 1.5 mm thickness increase per LF exceeding10.5 mm	100	LF	$ 4.20	$ 420.00
				TOTAL "Y"	$ 353,045.00
Z	**21" diameter**				
Z-1	6.0 mm normal thickness (.236")	220	LF	$ 59.70	$ 13,134.00
Z-2	7.5 mm normal thickness (.295")	220	LF	$ 63.50	$ 13,970.00
Z-3	9.0 mm normal thickness (.354")	220	LF	$ 90.10	$ 19,822.00
Z-4	10.5 mm normal thickness (.413")	220	LF	$ 96.10	$ 21,142.00
Z-5	12.0 mm normal thickness (.472")	200	LF	$ 104.40	$ 20,880.00
Z-6	Charge for each 1.5 mm thickness increase per LF exceeding 12.0 mm	100	LF	$ 4.20	$ 420.00
				TOTAL "Z"	$ 89,368.00

	CIPP REHABILITATION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
AA	**24" diameter**				
AA-1	9.0 mm normal thickness (.354")	700	LF	$ 95.00	$ 66,500.00
AA-2	10.5 mm normal thickness (.413")	700	LF	$ 106.70	$ 74,690.00
AA-3	12.0 mm normal thickness (.472")	700	LF	$ 116.80	$ 81,760.00
AA-4	13.5 mm normal thickness (.531")	700	LF	$ 122.00	$ 85,400.00
AA-5	15.0 mm normal thickness (.591")	700	LF	$ 127.50	$ 89,250.00
AA-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 4.30	$ 430.00
				TOTAL "AA"	$ 398,030.00
BB	**27" diameter**				
BB-1	9.0 mm normal thickness (.354")	220	LF	$ 100.00	$ 22,000.00
BB-2	10.5 mm normal thickness (.413")	220	LF	$ 113.70	$ 25,014.00
BB-3	12.0 mm normal thickness (.472")	220	LF	$ 124.60	$ 27,412.00
BB-4	13.5 mm normal thickness (.531")	220	LF	$ 131.20	$ 28,864.00
BB-5	15.0 mm normal thickness (.591")	220	LF	$ 137.60	$ 30,272.00
BB-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 4.50	$ 450.00
				TOTAL "BB"	$ 134,012.00
CC	**30" diameter**				
CC-1	9.0 mm normal thickness (.354")	600	LF	$ 100.00	$ 60,000.00
CC-2	10.5 mm normal thickness (.413")	600	LF	$ 113.70	$ 68,220.00
CC-3	12.0 mm normal thickness (.472")	600	LF	$ 123.30	$ 73,980.00
CC-4	13.5 mm normal thickness (.531")	600	LF	$ 129.90	$ 77,940.00
CC-5	15.0 mm normal thickness (.591")	600	LF	$ 135.90	$ 81,540.00
CC-6	Charge for each 1.5 mm thickness increase per LF exceeding 15.0 mm	100	LF	$ 5.50	$ 550.00
				TOTAL "CC"	$ 362,230.00
DD	**36" diameter**				
DD-1	10.5 mm normal thickness (.413")	500	LF	$ 108.00	$ 54,000.00
DD-2	12.0 mm normal thickness (.472")	500	LF	$ 151.70	$ 75,850.00
DD-3	13.5 mm normal thickness (.531")	500	LF	$ 160.30	$ 80,150.00
DD-4	15.0 mm normal thickness (.591")	500	LF	$ 168.30	$ 84,150.00
DD-5	16.5 mm normal thickness (.650")	250	LF	$ 175.10	$ 43,775.00
DD-6	18.0 mm normal thickness (.709")	250	LF	$ 184.00	$ 46,000.00
DD-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 5.60	$ 560.00
				TOTAL "DD"	$ 384,485.00

	CIPP REHABILITATION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
EE	**42" diameter**				
EE-1	10.5 mm normal thickness (.413")	250	LF	$ 120.00	$ 30,000.00
EE-2	12.0 mm normal thickness (.472")	250	LF	$ 140.00	$ 35,000.00
EE-3	13.5 mm normal thickness (.531")	250	LF	$ 185.80	$ 46,450.00
EE-4	15.0 mm normal thickness (.591")	250	LF	$ 194.80	$ 48,700.00
EE-5	16.5 mm normal thickness (.650")	250	LF	$ 203.80	$ 50,950.00
EE-6	18.0 mm normal thickness (.709")	250	LF	$ 211.50	$ 52,875.00
EE-7	Charge for each 1.5 mm thickness increase per LF exceeding 18.0 mm	100	LF	$ 7.10	$ 710.00
				TOTAL "EE"	$ 264,685.00
FF	**48" diameter**				
FF-1	12.0 mm normal thickness (.472")	200	LF	$ 150.00	$ 30,000.00
FF-2	13.5 mm normal thickness (.531")	200	LF	$ 160.00	$ 32,000.00
FF-3	15.0 mm normal thickness (.591")	200	LF	$ 225.30	$ 45,060.00
FF-4	16.5 mm normal thickness (.650")	200	LF	$ 235.60	$ 47,120.00
FF-5	18.0 mm normal thickness (.709")	200	LF	$ 244.60	$ 48,920.00
FF-6	19.5 mm normal thickness (.768")	100	LF	$ 262.20	$ 26,220.00
FF-7	21.0 mm normal thickness (.827")	100	LF	$ 270.90	$ 27,090.00
FF-8	Charge for each 1.5 mm thickness increase per LF exceeding 21.0 mm	100	LF	$ 8.00	$ 800.00
				TOTAL "FF"	$ 257,210.00
GG	**52" diameter**				
GG-1	10.5 mm normal thickness (.413")	25	LF	$ 145.00	$ 3,625.00
GG-2	12.0 mm normal thickness (.472")	25	LF	$ 155.00	$ 3,875.00
GG-3	13.5 mm normal thickness (.531")	25	LF	$ 165.00	$ 4,125.00
GG-4	15.0 mm normal thickness (.591")	25	LF	$ 196.50	$ 4,912.50
GG-5	16.5 mm normal thickness (.650")	25	LF	$ 204.20	$ 5,105.00
GG-6	18.0 mm normal thickness (.709")	25	LF	$ 262.20	$ 6,555.00
GG-7	19.5 mm normal thickness (.768")	25	LF	$ 279.30	$ 6,982.50
GG-8	21.0 mm normal thickness (.827")	25	LF	$ 290.40	$ 7,260.00
GG-9	22.5 mm normal thickness (.886")	100	LF	$ 302.60	$ 30,260.00
GG-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 9.60	$ 960.00
				TOTAL "GG"	$ 73,660.00

	CIPP REHABILITATION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
HH	**54" diameter**				
HH-1	10.5 mm normal thickness (.413")	25	LF	$ 150.00	$ 3,750.00
HH-2	12.0 mm normal thickness (.472")	25	LF	$ 160.00	$ 4,000.00
HH-3	13.5 mm normal thickness (.531")	25	LF	$ 170.00	$ 4,250.00
HH-4	15.0 mm normal thickness (.591")	25	LF	$ 210.00	$ 5,250.00
HH-5	16.5 mm normal thickness (.650")	25	LF	$ 215.00	$ 5,375.00
HH-6	18.0 mm normal thickness (.709")	25	LF	$ 288.90	$ 7,222.50
HH-7	19.5 mm normal thickness (.768")	25	LF	$ 305.50	$ 7,637.50
HH-8	21.0 mm normal thickness (.827")	25	LF	$ 406.10	$ 10,152.50
HH-9	22.5 mm normal thickness (.886")	100	LF	$ 419.70	$ 41,970.00
HH-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 9.80	$ 980.00
				TOTAL "HH"	$ 90,587.50
II	**60" diameter**				
II-1	10.5 mm normal thickness (.413")	25	LF	$ 302.40	$ 7,560.00
II-2	12.0 mm normal thickness (.472")	25	LF	$ 319.00	$ 7,975.00
II-3	13.5 mm normal thickness (.531")	25	LF	$ 330.20	$ 8,255.00
II-4	15.0 mm normal thickness (.591")	25	LF	$ 341.20	$ 8,530.00
II-5	16.5 mm normal thickness (.650")	25	LF	$ 350.40	$ 8,760.00
II-6	18.0 mm normal thickness (.709")	25	LF	$ 445.50	$ 11,137.50
II-7	19.5 mm normal thickness (.768")	25	LF	$ 468.90	$ 11,722.50
II-8	21.0 mm normal thickness (.827")	25	LF	$ 483.90	$ 12,097.50
II-9	22.5 mm normal thickness (.886")	100	LF	$ 499.10	$ 49,910.00
II-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 13.50	$ 1,350.00
				TOTAL "II"	$ 127,297.50
JJ	**72" diameter**				
JJ-1	10.5 mm normal thickness (.413")	25	LF	$ 500.10	$ 12,502.50
JJ-2	12.0 mm normal thickness (.472")	25	LF	$ 506.20	$ 12,655.00
JJ-3	13.5 mm normal thickness (.531")	25	LF	$ 519.70	$ 12,992.50
JJ-4	15.0 mm normal thickness (.591")	25	LF	$ 532.80	$ 13,320.00
JJ-5	16.5 mm normal thickness (.650")	25	LF	$ 546.60	$ 13,665.00
JJ-6	18.0 mm normal thickness (.709")	25	LF	$ 680.50	$ 17,012.50
JJ-7	19.5 mm normal thickness (.768")	25	LF	$ 763.20	$ 19,080.00
JJ-8	21.0 mm normal thickness (.827")	25	LF	$ 781.80	$ 19,545.00
JJ-9	22.5 mm normal thickness (.886")	100	LF	$ 796.30	$ 79,630.00
JJ-10	Charge for each 1.5 mm thickness increase per LF exceeding 22.5 mm	100	LF	$ 14.70	$ 1,470.00
				TOTAL "JJ"	$ 201,872.50
	Total CIPP Rehabilitiation - Stormwater Mains ("U" THRU "JJ")				$ 3,097,717.50

	CLEAN & INSPECTION - STORMWATER MAINS				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
KK	**Light Cleaning and inspection**				
KK-1	8"- 12" diameter	6,000	LF	$ 6.00	$ 36,000.00
KK-2	14" - 18" diameter	6,000	LF	$ 8.00	$ 48,000.00
KK-3	20" - 24" diameter	6,000	LF	$ 9.00	$ 54,000.00
KK-4	27" - 42" diameter	6,000	LF	$ 12.10	$ 72,600.00
KK-5	48" - 72" diameter	6,000	LF	$ 16.10	$ 96,600.00
				TOTAL "KK"	$ 307,200.00
LL	**Medium Cleaning**				
LL-1	8" - 12" diameter	6,000	LF	$ 9.00	$ 54,000.00
LL-2	14"- 18" diameter	6,000	LF	$ 11.10	$ 66,600.00
LL-3	20" - 24" diameter	6,000	LF	$ 14.10	$ 84,600.00
LL-4	27" - 42" diameter	6,000	LF	$ 17.10	$ 102,600.00
LL-5	48"- 72" diameter	6,000	LF	$ 20.10	$ 120,600.00
				TOTAL "LL"	$ 428,400.00
MM	**Heavy Cleaning**				
MM-1	8" - 12" diameter	6,000	LF	$ 11.10	$ 66,600.00
MM-2	14" - 18" diameter	6,000	LF	$ 16.10	$ 96,600.00
MM-3	20" - 24" diameter	6,000	LF	$ 20.10	$ 120,600.00
MM-4	27"- 42" diameter	6,000	LF	$ 26.10	$ 156,600.00
MM-5	48"- 72" diameter	6,000	LF	$ 32.20	$ 193,200.00
				TOTAL "MM"	$ 633,600.00
NN	**Root Removal**				
NN-1	8" - 12" diameter	6,000	LF	$ 1.60	$ 9,600.00
NN-2	14" - 18" diameter	6,000	LF	$ 2.60	$ 15,600.00
NN-3	20" - 24" diameter	6,000	LF	$ 4.80	$ 28,800.00
NN-4	27" - 42" diameter	6,000	LF	$ 5.30	$ 31,800.00
NN-5	48"- 72" diameter	6,000	LF	$ 6.30	$ 37,800.00
				TOTAL "NN"	$ 123,600.00
OO	**Tuberculation Cleaning**				
OO-1	8" - 12" diameter	6,000	LF	$ 19.00	$ 114,000.00
OO-2	14" - 18" diameter	6,000	LF	$ 21.70	$ 130,200.00
OO-3	20" - 24" diameter	6,000	LF	$ 22.70	$ 136,200.00
OO-4	27"- 42" diameter	6,000	LF	$ 23.30	$ 139,800.00
OO-5	8" - 72" diameter	6,000	LF	$ 25.90	$ 155,400.00
				TOTAL "OO"	$ 675,600.00
PP	**Stormwater Manhole Cleaining**	2,800	SF	$ 5.30	$ 14,840.00
				TOTAL "PP"	$ 14,840.00
	TOTAL "KK" THRU "PP"				$ 2,183,240.00

	ANCILLARY GENERAL SERVICES				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
QQ	**By-Pass Pumping**				
QQ-1	8" diameter	5	LS	$ 317.40	$ 1,587.00
QQ-2	10" diameter	5	LS	$ 317.40	$ 1,587.00
QQ-3	12" diameter	5	LS	$ 1,586.80	$ 7,934.00
QQ-4	15" diameter	5	LS	$ 6,347.00	$ 31,735.00
QQ-5	18" diameter	5	LS	$ 11,107.30	$ 55,536.50
QQ-6	21" diameter	5	LS	$ 12,694.10	$ 63,470.50
QQ-7	24" diameter	5	LS	$ 14,280.80	$ 71,404.00
QQ-8	27" diameter	5	LS	$ 15,867.60	$ 79,338.00
QQ-9	30" diameter	5	LS	$ 17,454.30	$ 87,271.50
QQ-10	36" diameter	5	LS	$ 19,041.10	$ 95,205.50
				TOTAL "QQ"	$ 495,069.00
RR	**Standard Service Reconnection**	**25**	Each	$ 195.00	$ 4,875.00
				TOTAL "RR"	$ 4,875.00
SS	**Traffic Control - FDOT Right of Way**				
SS-1	Flagman	10	Setup	$ 655.90	$ 6,559.00
SS-2	Arrow Board	10	Setup	$ 190.40	$ 1,904.00
SS-3	Barricades	10	Setup	$ 359.70	$ 3,597.00
SS-4	Lane Dividers	10	Setup	$ 15.90	$ 159.00
				TOTAL "SS"	$ 12,219.00
TT	**Traffic Control - City Right of Way**				
TT-1	Flagman	10	Setup	$ 655.90	$ 6,559.00
TT-2	Arrow Board	10	Setup	$ 190.40	$ 1,904.00
TT-3	Barricades	10	Setup	$ 264.50	$ 2,645.00
TT-4	Lane Dividers	10	Setup	$ 15.90	$ 159.00
				TOTAL "TT"	$ 11,267.00
UU	**Traffic Control - County Right of Way**				
UU-1	Flagman	10	Setup	$ 655.90	$ 6,559.00
UU-2	Arrow Board	10	Setup	$ 190.40	$ 1,904.00
UU-3	Barricades	10	Setup	$ 359.70	$ 3,597.00
UU-4	Lane Dividers	10	Setup	$ 15.90	$ 159.00
				TOTAL "UU"	$ 12,219.00

	ANCILLARY GENERAL SERVICES				
ITEM	**DESCRIPTION**	**ESTIMATED QUANTITY**	**UNIT OF MEASURE**	**UNIT PRICE**	**EXTENDED PRICE**
VV	**Easement Access**				
VV-1	6" to 12" diameter	100	LF	$ 3.70	$ 370.00
VV-2	14" to 18" diameter	100	LF	$ 4.80	$ 480.00
VV-3	20" to 24" diameter	100	LF	$ 6.10	$ 610.00
VV-4	27" to 30" diameter	100	LF	$ 9.80	$ 980.00
VV-5	36" to 42" diameter	100	LF	$ 10.80	$ 1,080.00
VV-6	48" to 54" diameter	100	LF	$ 16.10	$ 1,610.00
				TOTAL "VV"	$ 5,130.00
WW	**Manhole Cleaning**	2,800	SF	$ 5.30	$ 14,840.00
				TOTAL "WW"	$ 14,840.00
XX	**Grout fill abandoned pipe**	1,000	CY	$ 158.70	$ 158,700.00
				TOTAL "XX"	$ 158,700.00
YY	**Chemical and physical product testing**	10	EA	$ 264.50	$ 2,645.00
				TOTAL "YY"	$ 2,645.00
ZZ	**Erosion and sediment control**				
ZZ-1	Silt Fencing	200	LF	$ 4.20	$ 840.00
ZZ-2	Floating Turbidity Barrier	200	LF	$ 15.90	$ 3,180.00
ZZ-3	Gutter Buddy	100	EA	$ 52.90	$ 5,290.00
				TOTAL "ZZ"	$ 9,310.00
AAA	**Mobilization**	20	Setup	$ 3,578.40	$ 71,568.00
				TOTAL "AAA"	$ 71,568.00
BBB	**Bonds**	100,000	Percentage	$ 0.03	$ 3,000.00
				TOTAL "BBB"	$ 3,000.00
	TOTAL "QQ" THRU "BBB"				$ 800,842.00
	TOTAL ESTIMATED BID AMOUNT				$ 9,496,402.50

	ADDITIVE ALTERNATE No. 1				
	SANITARY SEWER				
	LINE RECONSTRUCTION SDR 26 LESS THAN 10' DEPTH				
CCC					
CCC-1	15"	100	LF	$ 272.00	$ 27,200.00
CCC-2	18"	100	LF	$ 292.20	$ 29,220.00
CCC-3	24"	100	LF	$ 385.60	$ 38,560.00
CCC-4	30"	100	LF	$ 464.10	$ 46,410.00
CCC-5	36"	100	LF	$ 582.90	$ 58,290.00
CCC-6	42"	100	LF	$ 594.10	$ 59,410.00
CCC-7	48"	100	LF	$ 1,193.20	$ 119,320.00
CCC-8	54"	100	LF	$ 1,500.00	$ 150,000.00
CCC-9	60"	100	LF	$ 2,000.00	$ 200,000.00
CCC-10	66"	50	LF	$ 2,500.00	$ 125,000.00
CCC-11	72"	50	LF	$ 3,000.00	$ 150,000.00
				TOTAL "CCC"	$ 1,003,410.00
	SANITARY SEWER				
	LINE RECONSTRUCTION C900 GREATER THAN 10' DEPTH				
DDD					
DDD-1	15"	100	LF	$ 333.30	$ 33,330.00
DDD-2	18"	100	LF	$ 358.30	$ 35,830.00
DDD-3	24"	100	LF	$ 469.00	$ 46,900.00
DDD-4	30"	100	LF	$ 578.50	$ 57,850.00
DDD-5	36"	100	LF	$ 745.00	$ 74,500.00
DDD-6	42"	100	LF	$ 1,391.10	$ 139,110.00
DDD-7	48"	100	LF	$ 1,500.00	$ 150,000.00
DDD-8	54"	100	LF	$ 2,000.00	$ 200,000.00
DDD-9	60"	100	LF	$ 2,500.00	$ 250,000.00
DDD-10	66"	50	LF	$ 3,000.00	$ 150,000.00
DDD-11	72"	50	LF	$ 3,500.00	$ 175,000.00
				TOTAL "DDD"	$ 1,312,520.00

	STORMWATER MAINS				
EEE	**Line Reconstruction (concrete collars are incidental) greater than 8' depth and under roadways**				
EEE-1	15" RCP	250	LF	$ 161.30	$ 40,325.00
EEE-2	18" RCP	250	LF	$ 171.10	$ 42,775.00
EEE-3	24" RCP	250	LF	$ 188.60	$ 47,150.00
EEE-4	30" RCP	250	LF	$ 227.30	$ 56,825.00
EEE-5	36 'RCP	250	LF	$ 256.20	$ 64,050.00
EEE-6	48" RCP	250	LF	$ 324.20	$ 81,050.00
EEE-7	54" RCP	250	LF	$ 386.40	$ 96,600.00
EEE-8	60" RCP	250	LF	$ 424.70	$ 106,175.00
EEE-9	72" RCP	500	LF	$ 548.60	$ 274,300.00
				TOTAL "EEE"	$ 809,250.00
FFF	**HDPE Line Reconstruction less than 8'**				
FFF-1	15" HDPE	250	LF	$ 133.60	$ 33,400.00
FFF-2	18" HDPE	250	LF	$ 142.20	$ 35,550.00
FFF-3	24" HDPE	250	LF	$ 160.60	$ 40,150.00
FFF-4	30" HDPE	250	LF	$ 203.10	$ 50,775.00
FFF-5	36" HDPE	250	LF	$ 209.80	$ 52,450.00
FFF-6	42" HDPE	250	LF	$ 231.70	$ 57,925.00
FFF-7	48" HDPE	250	LF	$ 279.80	$ 69,950.00
FFF-8	54" HDPE	250	LF	$ 310.00	$ 77,500.00
FFF-9	60" HDPE	250	LF	$ 353.50	$ 88,375.00
FFF-10	70" HDPE	500	LF	$ 390.00	$ 195,000.00
				TOTAL "FFF"	$ 701,075.00
	TOTAL "CCC" THRU "FFF"				$ 3,826,255.00

(COMPOSITE EXHIBIT C is not attached but will remain on file in in the Office of the Purchasing Agent and will be available upon request)

Legislation Details (With Text)

File #:	20-89	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Consent Agenda
File created:	2/4/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve Task Order 2020-05 with Jacobs to provide services to the City's personnel on Repair and Maintenance (R&M) projects in the form of additional project management assistance, contractor monitoring and documentation of activities, data management, and quality control assistance for R&M Programs; To Approve a Resolution Amending to FY2020 Budget, BAF#20-034-T. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Budget Resolution FY 2020 (Jacobs Task Orders).docx BAF 20-034-T -UT-WFO Support Engineering Svcs (2-26-20) Agenda 20-089.pdf TO (2020-05) JACOBS $160492 (2-26-20) UT.pdf Jacob Proposal Task Order 2020-05 FY20 WFO Assistance 1_29_20.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date:	February 3, 2020
Agenda Date:	February 26, 2020
Prepared By:	Melinda M. Keesee, Field Operations Technician
Through:	Chris M. Collier, Assistant Utilities Director
Through:	John A. Walsh, P.E., Utilities Director

Requested Action:

To Approve Task Order 2020-05 with Jacobs to provide services to the City's personnel on Repair and Maintenance (R&M) projects in the form of additional project management assistance, contractor monitoring and documentation of activities, data management, and quality control assistance for R&M Programs; To Approve a Resolution Amending to FY2020 Budget, BAF#20-034-T.

BACKGROUND:

Over the past seven years, the City has successfully implemented assessment programs such as the Valve and Hydrant Assessment Program, Valve Replacement Program, Cross Connection Control (CCC) Program and several pipeline condition assessment projects. These programs provide data critical to the successful implementation of a proactive asset management team within Water Field Operations (WFO).

As part of the development of the asset management team and as support to WFO in maintaining the City's potable water distribution system, the City of Cocoa has requested that Jacobs assist WFO in prioritizing asset replacement activities, scoping and preparing contract documents, managing

outside services, organizing and utilizing asset data, and increasing staff collaboration and interactions. The services under this task order will include providing project and assessment information management assistance, development of quality control processes, and long-term strategic planning.

New Jacobs contract was approved by City Council on November 13, 2019 under RFQ-20-03-COC, and signed on February 5, 2020. Staff requests approval of Task Order 2020-05 with Jacobs.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes, but insufficient
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment Form # 20-034-T

Amount Requested:	($105,781)
Account Number:	421-4025-536.46-00
Account Name:	Repairs and Maintenance
Amount Requested:	$105,781
Account Number:	421-4025-536.31-03
Account Name:	Engineering Services
Total Amount Requested:	$160,492
Account Number:	421-4025-536.31-03
Account Name:	Engineering Services
Source of Funds:	Operating Revenue

PREVIOUS ACTION:

On September 22, 2015, City Council approved Task Order 2016-68 to assist WFO in prioritizing asset replacement activities, scoping and preparing contract documents, managing outside services, organizing and utilizing asset data, and increasing staff collaboration and interactions.

On September 27, 2016 City Council approved Task Order 2017-77 to assist WFO in prioritizing asset replacement activities, scoping and preparing contract documents, managing outside services, organizing and utilizing asset data, and increasing staff collaboration and interactions.

On October 10, 2017 City Council approved Task Order 2018-85 to assist WFO in prioritizing asset replacement activities, scoping and preparing contract documents, managing outside services,

organizing and utilizing asset data, and increasing staff collaboration and interactions.

On September 25, 2018 City Council approved Task Order 2019-92 with Jacobs/CH2M to assist WFO in prioritizing asset replacement activities, scoping and preparing contract documents, project management, organizing and utilizing asset date.

RECOMMENDED MOTION:

To Approve Task Order 2020-05 with Jacobs to provide services to the City's personnel on Repair and Maintenance (R&M) projects in the form of additional project management assistance, contractor monitoring and documentation of activities, data management, and quality control assistance for R&M Programs; To Approve a Resolution Amending to FY2020 Budget, BAF#20-034-T.

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City of Cocoa Budget Adjustment Form FY 2020 - 20-034-T

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER | REQUESTING DEPARTMENT #: 4025 | DATE PREPARED: 02/05/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 105,781)	421-4025-536.46-00		Repairs and Maintenance	$ 3,157,000	$ 3,178,157	$ 3,072,376	$ 1,284,168
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 105,781)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 105,781	421-4025-536.31-03		Engineering Services	$ 1,820,000	$ 285,918	$ 391,699	$ 134,076
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 105,781	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

Transfer in order to fund task order 2020-05 with Jacobs. Jacobs will provide WFO services to the City's personnel on Repair and Maintenance (R&M) projects. This task order will be presented for Council approval at the February 26, 2020 meeting, File 20-89.

CITY COUNCIL APPROVAL REQUIRED? YES (●) NO ( ) DATE APPROVED: 02/26/20 RESOLUTION #: 2020-113

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/5/20	Melinda Keesee Digitally signed by Melinda Keesee Date: 2020.02.05 11:20:23 -05'00'	2/6/20	Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.06 09:21:10 -05'00'		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/5/20	John "Jack" Walsh Digitally signed by John "Jack" Walsh Date: 2020.02.05 13:17:21 -05'00'	2/12/20	Lora Howell Digitally signed by Lora Howell Date: 2020.02.12 10:16:49 -05'00'		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

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City of Cocoa
Task Order 2020-05
FY20 Water Field Operations (WFO) Division Support

Services proposed by JACOBS in this Task Order will be performed in accordance with the RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019.

Background

Over the past few years, the City of Cocoa Utilities Department has successfully implemented programs such as the Valve and Hydrant Assessment Program, Valve Replacement Program, Cross Connection Control (CCC) Program, and Water Quality Coordination and Support Services. These programs provide data critical to the successful implementation of a proactive asset management team within Water Field Operations (WFO).

This task order will provide services to the City's personnel on Repair and Maintenance (R&M) projects in the form of additional project management assistance, Contractor monitoring and documentation of activities, data management, and quality control assistance for R&M Programs.

Scope of Services

JACOBS will assist WFO staff in asset replacement activities, scoping and, organizing and utilizing asset data, providing technical evaluations and studies for future distribution system improvements, and recommendations for increasing staff collaboration and interactions. The services under this Task Order will include providing project and asset information management assistance.

Following is a detailed description of each task including key assumptions made in the development of the scope and level of effort.

Task 1 Project and Asset Management Assistance

JACOBS will provide project management assistance in the form of documentation of asset management activities performed by WFO Staff, assistance with uploading of distribution system improvements to the GIS database, monitoring of existing and new outside vendors / contractors' activities, and collection and transfer of information and data to City personnel and GIS database. This task will also include status updates, meeting coordination, and data management.

JACOBS will meet with WFO personnel to review internal field activities including assessments, replacements, and improvements of distribution assets. These meetings will include documentation of information regarding:

1. Recommended replacement / improvements of valves, hydrants, and pipelines, including assets that require further WFO investigations.
2. Which assets might be repaired or replaced by City personnel.
3. Which assets should be replaced by a licensed Contractor.

After each meeting, JACOBS will document the results of ongoing and completed field investigations, decisions on dispositions of assets, and a list of required updates to the Utilities' asset databases. One meeting every month is anticipated.

JACOBS will provide as-needed GIS and information management support services to field operations staff. Types of support activities for field operations staff may include but is not limited to; GIS map production to support operational activities and Emergency events (hurricane valve operations and post hurricane program management activities), GIS data creation and maintenance to support programs in WFO (XC2 replacement activity and Inframap field application), and GIS tasks related to data QA QC activities (compare and validate vendor supplied data from programs).

This task is expected to require approximately eighteen hours per week of technical support.

Task 2 Quality Control Process Assistance

JACOBS will continue their assistance to WFO Staff in implementing the quality control processes for activities associated with distribution system asset replacement and/or repair. The processes will include technical guidance to WFO Staff on review of design documents, oversite and electronic documentation of field activities, use of work plans and scopes for distribution system improvements, engineering oversite and review of invoices. JACOBS will provide assistance in the quality control processes.

This task is expected to require approximately four hours per week of technical support.

Safety

JACOBS will manage the health, safety and environmental activities of JACOBS staff to achieve compliance with applicable health and safety laws and regulations.

JACOBS will notify affected personnel of any site conditions posing an imminent danger to them which JACOBS observes.

JACOBS and JACOBS' personnel have no authority to exercise any control over any contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the contractor(s) or other entity or any other persons at the site except JACOBS' own personnel.

Assumptions

JACOBS will reasonably rely upon accuracy, and completeness of the information/data provided by the City, or other third parties.

Any review by JACOBS of designs or work product prepared by a third- party shall be for general conformance with the design intent, drawings and specifications but not a complete review of all design details and calculations. The Designer and their design professionals shall remain responsible for the accuracy and completeness of their design and construction documents. Jacobs does not assume any liability for work product(s) prepared by third parties, including but not limited to design and related work and makes no representation or warranty regarding same.

JACOBS Quality Control services are in an advisory role only and offered for the City's consideration. Jacobs does not assume any liability associated with the City's staff in the execution of their work.

Schedule

This task will begin in January 1, 2020 or upon City Council approval, whichever is later, and continue through September 30, 2020.

Compensation

JACOBS proposes to perform the work described herein on a Time and Material basis, with budgets between tasks being interchangeable. The estimated engineering fee including labor and expenses associated with the scope of work is not to exceed $160,492 as presented in the Exhibit A, below.

Exhibit A. Engineering Fee

Task Descriptions	Labor Hours	Labor Costs
Task 1 - Project and Asset Management Assistance	888.75	$ 128,940.00
Task 2 – Quality Control Process Assistance	177.75	$ 25,951.50
Labor Total:	1,066.50	$ 154,891.50
Expense Total:		$ 5,600.50
Grand Total:		$ 160,492.00

Attachments

Attachment A – Jacobs Engineering Group Rate Schedule

Acceptance

This Task Order shall become part of the Agreement upon execution by both parties.

Approved for City of Cocoa

By _____

Title _____

Date _____

Accepted for JACOBS Engineering Group

By _____
Francois Didier Menard

Title Vice President

Date January 29, 2020

City of Cocoa FY2020 Task Order 2020-05 WFO Program Assistance
Labor Hour Breakdown - 2/13/2020

TASK #	TASK NAME	Principal/Senior Reviewer/Consultant/Senior Project Manager	Senior Professional Engineer/Scientist/Consultant	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	Professional Engineer/Scientist/Consultant/Project Manager	Junior Professional Engineer/Scientist/Consultant	Project Engineer/Scientist/Consultant	Office/Project Administration	Labor Hours	Labor Fee
		$235.00	$218.00	$199.00	$169.00	$142.00	$120.00	$85.00		
1	**Project and Asset Management Assistance**									
		15.00	15.00	60.00	300.00	127.50	281.25	90.00	888.75	$128,940.00
2	**Quality Control Process Assistance**									
				6.00	97.50		56.25	18.00	177.75	$25,951.50
								Labor Total	**1,066.50**	**$154,891.50**
								Expenses		**$5,600.50**
								Subcontracts		**$0**
								Task Order Total		**$160,492**

EXHIBIT "A"
Jacobs Engineering Group Rate Schedule

Classification	Description	Rate
Engineer 9	Principal	$235
Engineer 8	Senior Reviewer/Consultant	$235
Engineer 7	Senior Project Manager	$235
Engineer 6	Senior Professional Engineer/Scientist/Consultant	$218
Engineer 5	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	$199
Engineer 4	Professional Engineer/Scientist/Consultant/Project Manager	$169
Engineer 3	Junior Professional Engineer/Scientist/Consultant	$142
Engineer 2	Project Engineer/Scientist/Consultant	$120
Engineer 1	Junior Project Engineer/Scientist/Consultant	$110
Engineer 0	Engineering Intern	$95
Technician 5	Senior Construction Manager/Senior Designer	$169
Technician 4	Construction Manager/Senior Technician	$142
Technician 3	Senior Construction Inspector	$120
Technician 2	Construction Inspector/Technician	$110
Technician 1	Junior Construction Inspector/Junior Technician	$85
Technician Aide	Technical Aide	$80
Office	Office/Project Administration	$85

Notes:

1. Billing rates for the City of Cocoa are designated for the length of this Agreement from January 2020 through January 2023.

2. These rates do not include other direct expense cost. Reimbursable other direct expenses shall be billed in accordance with the terms of the contract.

3. Billing rate schedule is for time basis work order and the City will be billed based on actual hours by category designated for an individual employee.

4. Jacobs reserves the right to request rate modifications for any future extensions to this agreement. Rate modifications must be established and agreed upon by both parties.

5. All copies, reproduction, subconsultant work, materials or equipment purchased or other direct costs shall be pass-thru cost without any mark-up.

6. Travel is reimbursable at the IRS rate for employees and specialists outside the Orlando office only.

Legislation Details (With Text)

File #:	20-90	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Consent Agenda
File created:	2/4/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve Task Order 2020-02 with Jacobs to Assist with Contractor Oversight, Quality Control, Public Relations, and Data Management for the Cross Connection Control Program, Project No. WS13BC; To Approve a Resolution Amending to FY2020 Budget, BAF#20-033-T. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Budget Resolution FY 2020 (Jacobs Task Orders).docx BAF 20-033-T -UT-CCC Program Engineering Svcs (2-26-20) Agenda 20-090.pdf TO (2020-02) JACOBS $124902 (2-26-20) UT.pdf Jacobs Proposal Task Order 2020-02 FY20 CCC Program Assistance_1_16_20.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 3, 2020
Agenda Date: February 26, 2020
Prepared By: Melinda M. Keesee, Field Operations Technician
Through: Chris M. Collier, Assistant Utilities Director
Through: John A. Walsh, P.E., Utilities Director
Requested Action:
To Approve Task Order 2020-02 with Jacobs to Assist with Contractor Oversight, Quality Control, Public Relations, and Data Management for the Cross Connection Control Program, Project No. WS13BC; To Approve a Resolution Amending to FY2020 Budget, BAF#20-033-T.

BACKGROUND:

The City of Cocoa Utilities Department budgeted $680K for the City's Cross Connection Control Program for FY2020. This program includes the assessment, testing, repair and replacement of cross connection control devices as required and regulated by the Florida Department of Environmental Protection (FDEP). Through competitive Bid B-2014-07-COC, a contract was awarded to survey, test and repair cross connection control devices. This program will be continued annually as required by FDEP.

This task order will provide augmentation to City personnel through Jacobs in the form of additional project management, quality control, and long-term strategic planning for the Cross Connection Control program for FY2020. Tasks include monthly progress meetings, contractor coordination and oversight, data quality control, and assistance in planning for long-term activities associated with the

results of surveying and testing of cross connection control devices.

New Jacobs contract was approved by City Council on November 13, 2019 under RFQ-20-03-COC, and signed on February 5, 2020. Staff requests approval of Task Order 2020-02 with Jacobs.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes, but insufficient
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment Form #20-033-T

Amount Requested: ($103,918)
Account Number: 421-4025-536.46-00
Account Name: Repair and Maintenance

Amount Requested: $103,918
Account Number: 421-4025-536.31-03, WS13BC
Account Name: Engineering Services

Total Amount Requested: $124,902
Account Number: 421-4025-536.31-03, WS13BC
Account Name: Engineering Services
Source of Funds: Operating Revenue

PREVIOUS ACTION:

On September 23, 2014, City Council approved Task Order 2015-61 with CH2M for FY2015 CCC Program Assistance for City staff augmentation and support for CCC Program.

On September 8, 2015, City Council approved Task Order 2016-66 with CH2M for FY2016 CCC Program Assistance for City staff augmentation and support for CCC Program.

On September 27, 2016, City Council approved Task Order 2017-78 with CH2M for FY2017 CCC Program Assistance for City staff augmentation and support for CCC Program.

On October 10, 2017, City Council approved Task Order 2018-84 with CH2M for FY2018 CCC Program Assistance for City staff augmentation and support for CCC Program.

On September 25, 2018, City Council approved Task Order 2019-93 with Jacobs/CH2M for FY2019 Project Management Assistance, Data/Invoice Review, and Strategic Planning in Support of the Cross Connection Control Program.

RECOMMENDED MOTION:

To Approve Task Order 2020-02 with Jacobs to Assist with Contractor Oversight, Quality Control, Public Relations, and Data Management for the Cross Connection Control Program, Project No. WS13BC; To Approve a Resolution Amending to FY2020 Budget, BAF#20-033-T.

City of Cocoa Budget Adjustment Form FY 2020 - 20-033-T

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER | REQUESTING DEPARTMENT #: 4025 | DATE PREPARED: 02/05/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 103,918)	421-4025-536.46-00		Repairs and Maintenance	$ 3,157,000	$ 3,282,075	$ 3,178,157	$ 1,389,949
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 103,918)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 103,918	421-4025-536.31-03	WS13BC	Engineering Services	$ 182,000	$ 182,000	$ 285,918	$ 28,295
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 103,918	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

Transfer in order to fund task order 2020-02 with Jacobs. Jacobs will assist WFO with Cross Connection Control Contractor oversight, quality control, public relations, and data management for the CCC Program. This task order will be presented for Council approval at the February 26, 2020 meeting, Agenda 20-090.

CITY COUNCIL APPROVAL REQUIRED? YES (●) NO ( ) DATE APPROVED: 02/26/20 RESOLUTION #: 2020-114

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/5/20 Melinda Keesee Digitally signed by Melinda Keesee Date: 2020.02.05 11:27:22 -05'00'	2/6/20 Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.06 08:58:52 -05'00'	
Date Requestor's Signature	Date Finance Approval Signature	Date Finance Director's Signature
2/5/20 John "Jack" Walsh Digitally signed by John "Jack" Walsh Date: 2020.02.05 13:18:08 -05'00'	2/12/20 Lora Howell Digitally signed by Lora Howell Date: 2020.02.12 10:25:56 -05'00'	
Date Department Director's Signature	Date Deputy Fin. Director's Signature	Date City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Approved 07/13

Revised eform 10/2/19 - IT

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City of Cocoa
Task Order 2020-**02**
FY20 Cross Connection Control Program Assistance

Services proposed by JACOBS in this Task Order will be performed in accordance with the RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019.

Scope of Services

The City of Cocoa has FY20 funding dedicated to the City's Cross Connection Control (CCC) Program. The City 's CCC Program implements the Florida Department of Environmental Protection (FDEP) requirements to survey, test, and maintain CCC devices within the City's distribution system. These requirements are intended to prevent water from unapproved sources from entering the City's potable water supply.

In June 2014, the City awarded a contract for field services to implement their CCC Program. The City has requested a continuation of support from JACOBS to assist with Contractor oversight, quality control, public relations, and data management for the CCC Program. This assistance is a continuation of the support provided in FY19.

Following is a detailed description of each task including key assumptions made in the development of the scope and level of effort.

Task 1 – Project Management Assistance

JACOBS will provide project management assistance in the form of coordinating and monitoring monthly CCC Program progress meetings, responding to Contractor questions, monitoring Contractor activities, and assisting in FY21 planning. This task will also include invoicing, status updates, and administrative assistance.

This task is expected to require approximately five hours per week on Task 1.

Task 2 – Contractor Coordination and Documentation

JACOBS will meet with Water Field Operations (WFO) personnel and the CCC Program Contractor to update progress in surveying, testing, repairing, and replacing commercial and residential devices. JACOBS will provide coordination, agendas, and documentation of all meetings. One meeting each month is anticipated.

This task also includes assistance in documenting customer interactions with CCC Contractor staff. JACOBS will assist Utilities Staff with public notifications and updates. In addition, JACOBS will provide coordination with the Contractor concerning daily field activities, unusual field discoveries, equipment needs, and miscellaneous assistance.

This task is expected to require approximately two hours per week of engineering services.

Task 3 – Data Management and Quality Control

JACOBS will review Contractor submitted data in order to verify accuracy and thoroughness of data and to ensure proper formatting of data for uploading to the City's GIS database. Contractor invoices will be reviewed against the Contractor approved data for verification of accepted quantities. JACOBS will coordinate with the Contractor to correct any deficiencies or discrepancies in data or invoicing prior to submittal to the City.

JACOBS will document and coordinate field activities required by WFO Staff to address anomalies and provide field review of CCC Contractor's data. In addition, JACOBS will document any inconsistencies found in the City's CCC database, as determined in the field, and coordinate with City Staff on possible solutions and the documentation of any data update processes. JACOBS Staff will provide a monthly report summarizing CCC Program activities and statistics.

JACOBS will provide assistance to City Staff in implementation of infraMAP NOW (web-based field services software) and assist with data transfer from the existing software system, report writing, Contractor training, data updates, and database management.

This task is expected to require approximately eight hours per week of engineering services.

Task 4 – Strategic Planning

JACOBS will assist City Staff with the planning and implementation of the long term strategic plan for the CCC Program. JACOBS will assist the City in determining projects, process improvements, and resources required for the implementation of a comprehensive CCC Program. JACOBS will provide coordination and documentation of all planning activities and vendor interactions.

This task is expected to require two hours per week of engineering services.

Safety

JACOBS will manage the health, safety and environmental activities of JACOBS staff to achieve compliance with applicable health and safety laws and regulations.

JACOBS will notify affected personnel of any site conditions posing an imminent danger to them which JACOBS observes.

JACOBS and JACOBS' personnel have no authority to exercise any control over any contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the contractor(s) or other entity or any other persons at the site except JACOBS' own personnel.

Assumption

Jacobs will reasonably rely upon the accuracy, and completeness of the information / data provided by the City or other third parties.

Schedule

This task will begin in January 1, 2020 or upon City Council approval, whichever is later, and continue through September 30, 2020.

Compensation

JACOBS proposes to perform the work described herein on a Time and Material basis, with budgets between tasks being interchangeable. The estimated engineering fee including labor and expenses associated with the scope of work is not to exceed $124,902 as presented in the Exhibit A, below.

Task Descriptions	Labor Hours	Labor Costs
Task 1 – Project Management Assistance	211.50	$26,415.00
Task 2 – Contractor Coordination and Documentation	92.25	$11,412.00
Task 3 – Data Management and Quality Control	306.00	$44,592.00
Task 4 – Strategic Planning	67.50	$9,757.50
Labor Total:	677.25	$92,176.50
Expense Total:		$1,500.50
Grand Total:		$93,677.00

Attachments

Attachment A – Jacobs Engineering Group Rate Schedule

Acceptance

This Task Order shall become part of the Agreement upon execution by both parties.

Approved for City of Cocoa

By _____

Title _____

Date _____

Accepted for JACOBS Engineering Group



By _____
Francois Didier Menard

Title Vice President

Date January 27, 2020

City of Cocoa FY2020 Task Order 2020-02 CCC Program Assistance
Labor Hour Breakdown - 2/13/2020

TASK #	TASK NAME	Principal/Senior Reviewer/Consultant/Senior Project Manager	Senior Professional Engineer/Scientist/Consultant	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	Professional Engineer/Scientist/Consultant/Project Manager	Junior Professional Engineer/Scientist/Consultant	Project Engineer/Scientist/Consultant	Office/Project Administration	Labor Hours	Labor Fee
		$235.00	$218.00	$199.00	$169.00	$142.00	$120.00	$85.00		
1	**Program Management Assistance**									
				9.00	21.00	30.00	112.50	39.00	211.50	$26,415.00
2	**Contractor Coordination and Documentation**									
				3.00	30.00		20.25	39.00	92.25	11,412.00
3	**Data Management and Quality Control**									
				3.00	150.00	75.00	39.00	39.00	306.00	44,592.00
4	**Strategic Planning and Implementation**									
				7.50	15.00	15.00	30.00		67.50	9,757.50
								Labor Total	**677.25**	**92,176.50**
								Expenses		**1,500.50**
								Subcontracts		**$0**
								Task Order Total		**$93,677**

Attachment A

EXHIBIT "A"
Jacobs Engineering Group Rate Schedule

Classification	Description	Rate
Engineer 9	Principal	$235
Engineer 8	Senior Reviewer/Consultant	$235
Engineer 7	Senior Project Manager	$235
Engineer 6	Senior Professional Engineer/Scientist/Consultant	$218
Engineer 5	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	$199
Engineer 4	Professional Engineer/Scientist/Consultant/Project Manager	$169
Engineer 3	Junior Professional Engineer/Scientist/Consultant	$142
Engineer 2	Project Engineer/Scientist/Consultant	$120
Engineer 1	Junior Project Engineer/Scientist/Consultant	$110
Engineer 0	Engineering Intern	$95
Technician 5	Senior Construction Manager/Senior Designer	$169
Technician 4	Construction Manager/Senior Technician	$142
Technician 3	Senior Construction Inspector	$120
Technician 2	Construction Inspector/Technician	$110
Technician 1	Junior Construction Inspector/Junior Technician	$85
Technician Aide	Technical Aide	$80
Office	Office/Project Administration	$85

Notes:

1. Billing rates for the City of Cocoa are designated for the length of this Agreement from January 2020 through January 2023.

2. These rates do not include other direct expense cost. Reimbursable other direct expenses shall be billed in accordance with the terms of the contract.

3. Billing rate schedule is for time basis work order and the City will be billed based on actual hours by category designated for an individual employee.

4. Jacobs reserves the right to request rate modifications for any future extensions to this agreement. Rate modifications must be established and agreed upon by both parties.

5. All copies, reproduction, subconsultant work, materials or equipment purchased or other direct costs shall be pass-thru cost without any mark-up.

6. Travel is reimbursable at the IRS rate for employees and specialists outside the Orlando office only.

Legislation Details (With Text)

File #:	20-91	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Consent Agenda
File created:	2/4/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve Task Order 2020-11 with Carollo Engineers, Inc. to assist Sewer Field Operations (SFO) in Project and Assessment Information Management Assistance, Quality Control Process Development, Long-Term Strategic Planning, and SCADA Maintenance; To Approve a Resolution Amending the FY2020 Budget, BAF#20-037. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Carollo Proposal Task Order 2020-11.pdf TO (2020-11) CAROLLO $175810.66 (2-26-20) UT.pdf Budget Resolution FY 2020 (Carollo Task Order).docx BAF 20-033-T -UT-CCC Program Engineering Svcs (2-26-20) Agenda 20-090.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date:	February 4, 2020
Agenda Date:	February 26, 2020
Prepared By:	Melinda M. Keesee, Field Operations Technician
Through:	Chris M. Collier, Assistant Utilities Director
Through:	John A. Walsh, P.E., Utilities Director

Requested Action:

To Approve Task Order 2020-11 with Carollo Engineers, Inc. to assist Sewer Field Operations (SFO) in Project and Assessment Information Management Assistance, Quality Control Process Development, Long-Term Strategic Planning, and SCADA Maintenance; To Approve a Resolution Amending the FY2020 Budget, BAF#20-037.

BACKGROUND:

Over the past five years, the City has successfully implemented and completed a comprehensive gravity sewer collections system assessment program. The information gained from this program provides data critical to the successful implementation of a proactive asset management team within Sewer Field Operations (SFO).

As part of the development of the asset management team and as support to SFO in maintaining the City's sewer collections system as a whole, the City of Cocoa has requested that Carollo Engineers, Inc. assist SFO in prioritizing asset repair and replacement activities, scoping and preparing contract documents, managing outside services, organizing and utilizing asset data, and increasing staff collaboration and interactions. The services under this task order will include providing project and assessment information management assistance, quality control process development, long-term

strategic planning, and SCADA maintenance. Staff along with assistance from Carollo Engineers, Inc. will manage the efforts required to determine the scope of work necessary for repair and replacement of sewer collections infrastructure.

Staff requests approval of Task Order 2020-11 with Carollo Engineers effective January 8, 2020.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes, but insufficient
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment Form # 20-037

Amount Requested: ($50,811)
Account Number:421-4125-536.46-00
Account Name: Repair and Maintenance

Amount Requested: $50,811
Account Number:421-4125-536.31-03
Account Name:Engineering Services

Total Amount Requested	
Amount Requested:	$175,810.66
Account Number:	421-4125-536.31-03
Account Name:	Engineering Services
Source of Funds:	Operating Revenue

PREVIOUS ACTION:

On August 28, 2018, City Council approved Task Order 2019-02 with Carollo Engineers, Inc. to assist Sewer Field Operations (SFO) in Project Assessment Information Management Assistance, Quality Control Process Development, Long-Term Strategic Planning, and SCADA Maintenance for FY2019.

RECOMMENDED MOTION:

To Approve Task Order 2020-11 with Carollo Engineers, Inc. to assist Sewer Field Operations (SFO) in Project and Assessment Information Management Assistance, Quality Control Process Development, Long-Term Strategic Planning, and SCADA Maintenance; To Approve a Resolution Amending the FY2020 Budget, BAF #20-037.

TASK ORDER NO. 2020-11

CITY OF COCOA

AND

CAROLLO ENGINEERS, INC.

This Task Order is issued by the OWNER and accepted by ENGINEER pursuant to the mutual promises, covenants and conditions contained in the Agreement between the above named parties dated the 8th day of January 2020, in connection with: FY2020 Sewer Field Operations and Division Support (PROJECT).

A. PROJECT UNDERSTANDING

The City of Cocoa (OWNER) requests Carollo Engineers, Inc. (ENGINEER) to provide professional engineering services for project and assessment information management assistance, quality control process development, long-term strategic planning, and SCADA maintenance. The ENGINEER has requested Besh, Inc (SUBCONSULTANT) to provide support of the CIPP planning and with the development of a comprehensive program to investigate the condition and maintenance practices of the City's forcemain isolation valves, and ARVs.

B. SCOPE OF WORK

Task 1 – Project and Assessment Information Management Assistance

ENGINEER will provide project management assistance in the form of documentation of asset management activities performed by OWNER, review and verification of wastewater collection system improvement updates to the GIS database, contracting and oversight of outside vendors/contractors, and transfer of information and data to OWNER personnel. This task will also include invoicing, status updates, meeting management, and administrative assistance.

ENGINEER will meet with OWNER to review internal field activities including assessments, replacements, and improvements to wastewater system assets. ENGINEER will document the results of these meetings with regards to decisions on disposition of assets and required updates to the asset database.

ENGINEER will assist the OWNER with preparation of documents necessary to contract with outside sources, including, but not limited to requests for proposals, requests for quotations, project definition plans, and task orders. ENGINEER will assist the OWNER with technical oversight and coordination of contractors and vendors on an as-needed basis. ENGINEER will provide other services related to the overall management of the OWNER's wastewater collection system on an as needed basis.

ENGINEER will assist the OWNER with general oversight of any design projects the OWNER deems necessary. Oversight will include review of plans produced by others, comments and recommendations.

Task 2 – Quality Control Process Development

ENGINEER will assist the OWNER in development of draft quality control processes for activities associated with the wastewater collection system. The processes will include technical guidance to the OWNER on review of design documents, electronic documentation of field activities, and creation of work plans and scopes for wastewater collection system improvements. ENGINEER will assist the OWNER in implementation of quality control processes.

Task 3 – Long-Term Strategic Planning

ENGINEER will assist OWNER with long-term strategic planning of field activities associated with maintenance of the OWNER's wastewater collection system. ENGINEER will assist in collecting, organizing, combining, and mapping wastewater collection system data accumulated from various sources including assessment programs, field documents, customer service records, and regulatory information. ENGINEER will coordinate meetings with the OWNER to review and verify the accumulated data and prioritize asset replacement and management practices based on verified data. This information will be utilized to plan for long-term budgets and improvements.

Task 4 – SCADA Maintenance

ENGINEER will assist OWNER with lift station SCADA, including programming of the RTUs, troubleshooting, and other SCADA related activities on an as needed basis.

Task 5 –Valve Assessment

Development of a Request for Qualification for Continuing Services Contract for Valve Condition Assessment and Maintenance Services

The ENGINEER will assist the OWNER with the development of a Request for Qualification (RFQ) for continuing services contract to select qualified suppliers for Valve Condition Assessment and Maintenance services. It is assumed that the ENGINEER will receive input from the OWNER's purchasing department. The OWNER's purchasing department and other critical staff's guidance will be necessary to confirm that the procurement documents are consistent with the OWNER's requirements and standards. It is assumed that up to three (3) meeting will be held at the City's premises as part of this subtask. It is anticipated that the City purchasing department will lead the advertisement and selection process, with Carollo providing limited technical support and data review.

Comprehensive Condition Assessment and Maintenance Program

The ENGINEER will develop a comprehensive program to investigate the condition and maintenance practices of the OWNER's forcemain isolation valves, and ARVs. This task is the first Phase in the development of this comprehensive program. The information will be utilized to develop a Valve Asset Management Program to assist the OWNER in preserving the functionality and reliability of its wastewater valve infrastructure. A kick-off meeting will be held with City staff to discuss the approach for the assessment and the current contracts the ENGINEER has received.

The program will be based upon available OWNER provided information including asset age, material, estimated condition, criticality within the system, and/or other factors that affect the operability and reliability of the system.

The ENGINEER will develop a data request list, which will identify information needed from the OWNER. The ENGINEER will begin the project by reviewing existing available data, photographs and other documentation of recent major maintenance concerns or repairs, GIS database, maps, existing field data, existing wastewater collection system hydraulic model, and any other relevant information. The ENGINEER will not complete condition inspections as part of this task.

It is expected that the condition assessment and risk assessment of the OWNER's isolation valves and ARV will be performed in fiscal year 2021, therefore such services are not included as part of this task.

Task 6 – Manhole and Gravity Sewer Program Maintenance

The purpose of this task is to support the OWNER's currently scheduled program to rehabilitate the OWNER's gravity sewer manholes and gravity sewer pipes. The ENGINEER will not perform any field-testing as part of this project. The ENGINEER will rely on data provided by the OWNER for this task.

The ENGINEER along with the assistance of the SUBCONSULTANT will provide recommendations for the CIPP lining of gravity sewer pipes for fiscal year 2021 through 2025, assuming $400,000 in yearly rehabilitation costs.

In this task, the ENGINEER will include 40 hours of onsite services, this may include gravity sewer CIP lining or manhole lining. ENGINEER will also review payment applications and provide comments to the OWNER.

C. DELIVERABLES

ENGINEER will provide the following deliverables as part of this work task:

1. Documents as identified by the OWNER and agreed upon by the ENGINEER during the execution of this Task Order.

D. SCHEDULE

The time periods for the performance of ENGINEER's Services will commence upon the issuance of a written notice-to-proceed and continue through September 30, 2020.

E. COMPENSATION

Compensation for Services of ENGINEER described in this Task Order will be billed based on actual time in accordance with the Billing Rates provided in Attachment B of the Master Services Agreement.

Reimbursable expenses shall be billed at actual costs in accordance with the Agreement referenced above. The Upper Limit of this Task Order shall be $175,810.66 based on the estimate provided in Exhibit 1.

F. TERMS AND CONDITIONS

The terms and conditions of the Agreement referred to above shall apply to the Task Order except to the extent expressly modified herein. In the event of any such modification, the modification shall be set forth below and the Article of the Agreement to be modified shall be specifically reference.

G. TERMS OR PROVISIONS IN CONFLICT

If the provisions set forth in the Agreement are in conflict with the provisions set forth in the Task Order, the provisions of this Task Order shall govern.

H. EFFECTIVE DATE

This Task Order No. 11 is effective as of the 8th day of January 2020.

IN WITNESS WHEREOF, duly authorized representatives of the OWNER and of the ENGINEER have executed this Task Order No. 11 evidencing its issuance by OWNER and acceptance by ENGINEER.

CAROLLO ENGINEERS, INC.	OWNER
Accepted this 8th day of January, 2020	
By: Douglas A. Pickell, P.E., Associate Vice President	By: John Titkanich, City Manager
By: Sudhanva Paranjape, P.E., Vice President	

EXHIBIT 1 - CAROLLO ENGINEERING SERVICES FEE

CAROLLO ENGINEERS INC. - Engineering Services Fee **FY2020 Sewer Field Operations and Division Support** **Engineering Services**		**Assistant Professional ES II**	**Professional ES III**	**Professional ES IV**	**Senior Professional ES VIII**	**Admin/Clerical**	**Word Processing**	**Total Hours**	**Total Labor Cost (Not-to-Exceed)**
	Labor Rate	$ 126.00	$ 133.59	$ 156.00	$ 225.00	$ 70.96	$ 90.00		
TASK	TASK DESCRIPTION								
1	PROJECT MANAGEMENT AND QUALITY ASSURANCE/CONTROL								
1.1	Project and Program Management			50		16	12	78	$10,015
1.2	Subconsultant Work Coordination			14				14	$2,184
1.3	General Oversight			40	40			80	$15,240
	Subtotal Task 1			104	40	16	12	92	**$27,439**
TASK									
2	QUALITY CONTROL PROCESS DEVELOPMENT								
2.1	Draft Quality Control Processes		40	40	40			120	$20,584
2.2	Documentation of Field Activities								$0
	Subtotal Task 2		40	40	40			120	**$20,584**
TASK									
3	LONG-TERM STRATEGIC PLANNING								
3.1	Data Collection and Organization		20					20	$2,672
3.2	Long-Term Planning Meetings		10					10	$1,336
	Subtotal Task 3		30					30	**$4,008**
TASK									
4	SCADA								
4.1	Lift Station Programming			105				105	$ 16,380
	Subtotal Task 4			105				105	**$ 16,380.00**
TASK									
5	VALVE ASSESSMENT								
5.1	Development of Valve Condition Assessment RFQ	30		80	24		12	146	$ 22,740
5.2	Site Visits, Meetings, Coordination	16		36	16			68	$ 11,232
5.3	Review of Valve Assessment Data and GIS Data	40		20				60	$ 8,160
5.4	Valve Asset Management Program Support	20		20	8			48	$ 7,440
	Subtotal Task 5	106		156	48			322	**49,572**
TASK									
6	MANHOLE AND GRAVITY SEWER PROGRAM								
6.1	Review of Payment Applications			16				16	$ 2,496
6.2	On-Site Services	40						40	$ 5,040
6.3	Review of Gravity Sewer CIPP Data & FY 2021-2025 Lining Recommendation	32		40				72	$ 10,272
	Subtotal Task 6	72		56				128	**$ 17,808.00**
	Total Project Hours and Labor Costs (CAROLLO ENGINEERS INC.)	**178**	**70**	**461**	**128**	**16**	**12**	**797**	**$ 135,790.66**
SUBCONSULTANT									
Task 5S	Valve Assessment Risk Model and Asset Management Program Report							56	$ 8,580
Task 6S	Review of Gravity Sewer CIPP Data & FY 2021-2025 Lining Recommendation							208	$ 31,440
	Total Project Hours and Labor Costs (SUBCONSULTANT)							**264**	**$ 40,020.00**
	TOTAL NOT-TO-EXCEED FEE								**$ 175,810.66**

ENGINEERING SERVICES PROPOSAL/AGREEMENT

FOR

CAROLLO ENGINEERS
FOR
CITY OF COCOA FY21 SEWER FIELD OPERATIONS SUPPORT

ENGINEERS:

BOOTH, ERN, STRAUGHAN & HIOTT, INC.
902 North Sinclair Avenue
Tavares, Florida 32778
(352) 343-8481 - Phone
(352) 343-8495 - Fax
rern@besandh.com

CLIENT:

CAROLLO ENGINEERS
200 East Robinson St., Suite 1400
Orlando, Florida 32801
(407) 478-4642 – Phone
(407) 478-4643 – Fax
Contact: Larry Elliott, P.E.
lelliott@carollo.com

ENGINEERING SERVICES PROPOSAL/AGREEMENT

SCOPE: Booth, Ern, Straughan & Hiott, Inc., is pleased to submit this proposal for development of the City of Cocoa's FY20 Sewer Field Operations Division Support.

TASK 001 FY21 CIPP Rehabilitation Plan

BESH will prepare recommendations for CIPP rehabilitation of the City's gravity sanitary sewer system for Fiscal Year 2021. The rehabilitation plan will be based upon the City's available budget for CIPP work, and their established CIPP rate schedule.

FEE: $13,440.00

TASK 002 Force Main Valve Assessment

BESH will assist Carollo with the development of a comprehensive program to investigate the condition and maintenance practices of the City's force main isolation valves, and ARVs. BESH will provide up to 120 hours of a Professional Engineer's time.

FEE: $18,000.00

SUMMARY FEE SCHEDULE

TASK 001	$	13,440.00
TASK 002	$	18,000.00
TOTAL		**$31,440.00**

THIS PROPOSAL DOES NOT INCLUDE THE FOLLOWING ITEMS:

1. Environmental Assessments
2. Surveying
3. GIS Support
4. CMMS Software or License Fees
5. Geotechnical Investigations
6. Final Engineering Design
7. Hydraulic Modeling
8. Easement or Property Acquisition Services
9. Reimbursables (to be billed at cost)

HOURLY RATE SCHEDULE
(2019)

Professional Services shall be charged at the following rate schedule:

ENGINEERING

PROFESSIONAL ENGINEER (PRINCIPAL)	$180.00/HOUR
PROFESSIONAL ENGINEER	$150.00/HOUR
PROJECT ENGINEER	$120.00/HOUR
ENGINEER TECHNICIAN I	$110.00/HOUR
ENGINEER TECHNICIAN II	$85.00/HOUR
BUILDING INSPECTOR	$75.00/HOUR
CONSTRUCTION ENGINEER	$95.00/HOUR
EXPERT TESTIMONY PROFESSIONAL ENGINEER	$300.00/HOUR

SURVEYING

PROFESSIONAL SURVEYOR (PRINCIPAL)	$160.00/HOUR
PROFESSIONAL SURVEYOR	$125.00/HOUR
4 MAN FIELD CREW	$195.00/HOUR
3 MAN FIELD CREW	$155.00/HOUR
2 MAN FIELD CREW	$130.00/HOUR
SURVEY TECHNICIAN I	$100.00/HOUR
SURVEY TECHNICIAN II	$80.00/HOUR
EXPERT TESTIMONY PROFESSIONAL SURVEYOR	$300.00/HOUR

All printing for this project shall be billed out at the following rate schedule, plus sales tax:
(Outside Copying Services will be billed at cost)

Engineering Bond Copies

Black & White
11 x 17.....$1.25
24 x 36.....$2.50

Color Copies
11 x 17.....$2.00
24 x 36.....$6.00

Black & White Copies

8 ½ x 11.....$0.10
8 ½ x 14.....$0.10
11 x 17.....$0.20

Color Copies

8 ½ x 11.....$0.25
8 ½ x 14.....$0.25
11 x 17.....$0.45

Other Printing Services

24 x 36 Mylar.....$12.00
24 x 36 Photo Paper, Color..... $36.00
24 x 36 Foam Board.....$30.00

Other Services

Fax/Scan.....$0.05/Page
Postage (Fed-Ex, Certified Mail, Etc.)...@ cost
Concrete Monuments..... $11.00
Rebar..... $2.00
Mileage (T/M Projects Only)..... $0.59

AUTHORIZATION TO PROCEED

PROPOSAL FOR ENGINEERING, SURVEYING & PERMITTING SERVICES AS DESCRIBED IN THE ATTACHED PROPOSAL

To acknowledge your agreement with the terms and conditions set forth in this Agreement (consisting of the Proposal for Services, the Terms and Conditions, the Hourly Rate Schedule and this Authorization to Proceed), and to provide Booth, Ern, Straughan & Hiott, Inc. (BESH) with Client's authorization to proceed with the work described in the Agreement, please fill out and sign the Authorization to Proceed below and return it to our office. We will schedule the work upon receipt of the executed Authorization to Proceed. The contract prices, hourly rates, and costs for printing and similar expenses set forth in this Agreement shall be valid for ninety (90) days from the date of this proposal. If this Agreement is not accepted by Client within said period of ninety (90) days, BESH reserves the right to modify any and all of the contract prices, hourly rates and cost figures set forth herein.

Retainer Amount: $ _____

THIS PROPOSAL/AGREEMENT ACCEPTED THIS _____ DAY OF _____, 2020.

Booth, Ern, Straughan & Hiott, Inc.		**Client**	
Signature		Signature	
By:	Robert A. Ern, Jr., P.E.	By:	
Title:	Vice President	Title:	

Embedded Secure Document

The file *https://cocoa.legistar.com/View.ashx?M=F&ID=8088134&GUID=572C4B12-84D9-48C2-A54E-20D416EA37E5* is a secure document that has been embedded in this document. Double click the pushpin to view.



City of Cocoa Budget Adjustment Form FY 2020 - 20-037

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER | REQUESTING DEPARTMENT #: 4125 | DATE PREPARED: 02/04/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 50,811)	421-4125-536.46-00		Repairs and Maintenance	$ 1,339,050	$ 1,484,707	$ 1,433,896	$ 1,069,047
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 50,811)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 50,811	421-4125-536.31-03		Engineering Services	$ 125,000	$ 125,000	$ 175,811	$ 175,811
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 50,811	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

Transfer in order to fund task order 2020-11 with Carollo Engineers. Carollo Engineers, Inc. will provide professional engineering services for project and assessment information management assistance, quality control process development, long-term strategic planning, and SCADA maintenance. This task order will be presented for Council approval at the February 26, 2020 meeting, File # 20-91.

CITY COUNCIL APPROVAL REQUIRED? *YES* (●) *NO* ( ) *DATE APPROVED:* 02/26/20 *RESOLUTION #:* 2020-115

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/4/20	Melinda Keesee Digitally signed by Melinda Keesee Date: 2020.02.04 11:10:06 -05'00'	2/5/20	Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.05 09:13:29 -05'00'		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/4/20	John "Jack" Walsh Digitally signed by John "Jack" Walsh Date: 2020.02.04 12:24:08 -05'00'	2/12/20	Lora Howell Digitally signed by Lora Howell Date: 2020.02.12 09:57:00 -05'00'		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Approved 07/13

Revised eform 10/2/19 - IT

Legislation Details (With Text)

File #:	20-61	**Version:**	1	**Name:**	
Type:	Ordinance			**Status:**	Public Hearing
File created:	1/22/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Ordinance No. 03-2020/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXII, to change the Zoning Map designation of one (1) parcel totaling 246.45 acres from Brevard County GU (General Use) to City of Cocoa RU-1-7 (Single Family Residential). (Community Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Ord. 3-2020 Rezoning Virgin Trains GU to RU-1-7.pdf Exhibit A - Location Map and Legal Description.pdf Concept Plan (320 lots) - Lakes at Canaveral Groves.pdf Concept Plan (350 lots).pdf Legal Ad Proof (revised).pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 22, 2020
Agenda Date: February 26, 2020
Prepared By: Dodie Selig, Planning & Zoning Manager
Through: Nancy A. Bunt, Community Services Director
Requested Action:
Ordinance No. 03-2020/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXII, to change the Zoning Map designation of one (1) parcel totaling 246.45 acres from Brevard County GU (General Use) to City of Cocoa RU-1-7 (Single Family Residential).

BACKGROUND:

I. Project Information

Virgin Trains USA Florida, LLC is requesting to amend the Zoning Map designation of one (1) parcel of land totaling approximately 246.45 acres from Brevard County GU (General Use) to City of Cocoa RU-1-7 (Single Family Residential) as depicted on Exhibit A. The applicant intends to construct a single-family subdivision on this parcel. It should be noted that the original concept plan attached to the approved Implementation Development Agreement (discussed below) was for the creation of 320 lots and the following staff analysis was based on that number. At the Planning & Zoning Board meeting on January 7th the applicant indicated that they would like to increase the number of lots to 350 and provided a new concept plan in their presentation depicting that total (see attached).

The subject property was annexed from Brevard County in 2004 by Ordinance #31-2004 along with a multitude of other surrounding unincorporated properties totaling 757.29 acres which was adopted through City Council action in October 2004. The property has a Brevard County GU(General Use) Zone. The City has not rezoned the property. Prior to the annexation, the City entered into a Preceding Development Agreement, dated August 24, 2004, with Florida Space Needle, LLC, a predecessor of the current property owner. Through the Preceding Development Agreement, the property owner expressed its willingness to annex into the City of Cocoa with certain conditions. These conditions included: (1) the City would process applications for either an RU-1-7 rezone or a PUD; and (2) the Developer would purchase water and wastewater services exclusively from the City. The City agreed to design, permit and construct the extension of water and wastewater utilities in sufficient capacity to serve the property up to the points of connection or to reimburse the Developer for such services, though certain deadlines existed for these obligations. At the time of the Preceding Development Agreement, the parties agreed that a minimum of one thousand (1,000) residential dwelling units would be constructed.

In September 2004, Brevard County filed a Petition for Writ of Certiorari challenging the City's annexation. Numerous issues were litigated with the County and were ultimately resolved via the Stipulated Settlement Agreement entered into in Brevard County v. City of Cocoa, Case No. 05-2005-018141, recorded on January 9, 2008 in Official Record Book 5837, Page 2226 of Brevard County, Florida. This Stipulated Settlement Agreement provided that the future development of the subject parcel include perimeter lots on the North and Ease perimeter of the parcel be no less than 70 feet by 140 feet, with the rear 15 feet of the lot dedicated as a natural buffer. The City also agreed to limit development on the parcel to between 300 and 500 total residential units, with the gross density being approximately 2.03 residential units per acre.

In addition, the City entered into that certain Settlement Implementation Agreement, dated July 10, 2019, with the current property owner, Virgin Trains USA Florida, LLC recorded on October 16, 2019 in Official Record Book 8564, Page 2243 of Brevard County, Florida. This Agreement limits the number of potential residential lots to approximately 320, with homes with a minimum living area under air of 1,500 square feet and an average living area of 1,800 square feet. The Settlement Implementation Agreement further provides that the eventual residential subdivision shall include ample private recreational common area green space and amenities, including a private Amenity Center and a proposed 38-acre lake. Through the Settlement Implementation Agreement, the Developer agreed to seek a City zoning designation of RU-1-7, consistent with the Very Low Density Residential Future Land Use Map Designation.

RU-1-7 is a low-density residential zoning designation which allows up to 7 single-family dwelling units per acre and designates minimum bulk regulations, most notably a minimum lot area of 7,500 square feet, minimum lot width of 75 feet, and minimum lot depth of 100 feet. The Concept Plans approved via the Settlement Implementation Agreement depict lots that meet these minimum bulk regulations or, in the case of the perimeter lots with a natural buffer, exceed those minimum bulk regulations. The RU-1-7 district allows only single-family dwellings as a principle use, with certain residential accessory structures.

Subject Property:

Future Land Use Designation: Current: Very Low Density Residential

Zoning District: Current: Brevard County GU (General Use)

powered by Legistar™

Proposed: RU-1-7 (Single Family Residential)

Existing Land Use: Vacant land

Council District: District 3 - Councilmember Don Boisvert

Overview of Surrounding Area: The following table summarizes the current Future Land Use (FLU) and Zoning designations for the adjacent parcels.

	Future Land Use Designations	Zoning Districts	Land Uses
North	Brevard County RES 1:2.5	AU (County)	Single Family Residential and vacant land
South	Very Low Density Residential	GU (County)	Vacant land
East	Brevard County RES 1:2.5	GU and AU (County)	Single Family Residential and vacant land
West	Brevard County RES 1:2.5	AU (County	Single Family Residential and vacant land

II. Rezoning Analysis

Consistency with Code of the City of Cocoa

In accordance with Appendix A of the City of Cocoa, Article XXI, Section 1(G), the following criteria are to be considered in the review of an application for a rezoning:

a. The proposed change is contrary to the established land use pattern.

Staff Finding: The proposed zoning change is consistent with the established land use pattern of adjacent properties less the agricultural use. The proposed use of single-family residential is harmonious with the established land use pattern in the vicinity.

b. The proposed change would create an isolated district unrelated to adjacent and nearby districts.

Staff Finding: The proposed RU-1-7 zoning district will not create an isolated district. Instead, it will continue the single-family character of the parcels surrounding the subject property and will be in harmony with the adjoining properties' permitted uses and zoning districts, which are currently County GU (General Use) and AU (Agricultural Residential).

c. The proposed change would materially alter the population density pattern and thereby increase or overtax the load on public facilities such as schools, utilities, streets, access, etc.

Staff Finding: The maximum density for the proposed rezone to RU-1-7 is approximately 7 units per acre, consistent with the Future Land Use Element of the Comprehensive Plan. However, as stated above, Brevard County and the City agreed that the maximum gross density the property could achieve would be 2.03 residential units per acre. The proposed project includes 6 lakes and wetland areas which are not developable and therefore reducing the density calculation to 1.2 units per acre, far less than the maximum allowable density. Although the current County GU zoning designation requires a minimum lot size of five acres and the County AU

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zoning designation of certain surrounding properties requires a minimum lot size of 2.5 acres, the lots in Canaveral Groves are very consistently one acre in size. The minimum lot size in City RU-1-7 is smaller, i.e., 7,500 square feet; however, as stated above, the large amount of open space and maximum number of lots that that is established via the Settlement Implementation Agreement reduces the gross density to a very compatible 1.2 units per acre. Essentially, lot sizes will be smaller when the subject parcel is subdivided than is established in the vicinity, but the existing population density pattern will be maintained overall due to the large amounts of open space required. The submittal is consistent with the City's future plans and thus staff does not believe that the proposed change will materially alter the population density pattern in the area.

Staff Finding (g) addresses schools, and Staff Finding (h) addresses streets and traffic. It is not anticipated that the density pattern will increase or overtax the load on utilities. As stated above, as part of the initial Preceding Development Agreement, the City accepted an obligation to design and construct the extension of water and wastewater utilities to the property for connection. This obligation was reaffirmed via the 2019 Settlement Implementation Agreement. Significantly, the Developer has agreed to complete construction of the residential subdivision within five (5) years from the date the utilities are completed by the City. The Developer is responsible for the design, permitting and construction of all on-site utility infrastructure required to serve the property.

d. Existing district boundaries are illogically drawn in relation to existing conditions on the property proposed for change.

Staff Finding: The existing boundaries are logically drawn in relation to the existing uses in the area and the natural boundary of the property. However, no City zoning district has been established for this property.

e. The proposed change would be contrary to the Future Land Use Map and would have an adverse effect on the Comprehensive Plan.

Staff Finding: The FLU Map designation for the subject property is "Very Low Residential" which allows the proposed RU-1-7 zoning district designation.

The proposed change will not be contrary to the Future Land Use Map and Future Land Use Element of the Comprehensive Plan, which permits the proposed development. The Comprehensive Plan permits a maximum density of 7 units per acre. The proposed land uses shall be restricted to single-family detached housing. Staff finds the proposed rezoning to be consistent with the following sections of the Comprehensive Plan.

Policy 1.1.2 FUTURE LAND USE DESIGNATIONS ESTABLISHED - Land development regulations shall be based upon the following locational standards and criteria:

RESIDENTIAL AREAS - GENERAL

1. Provisions of new residential uses shall be adequately balanced with the availability of residential support services including community facilities, shopping, schools, parks and open space, and transportation services.
2. The City will encourage infill development in areas of existing viable housing, provide for redevelopment in blighted areas or areas in transition, and encourage new housing development in appropriate areas where community services exist or are programmed to occur.
3. The location and density of new residential development shall be compatible with historic and natural resources.
4. In setting residential density criteria, the City will provide for the highest densities in the Central Business District; will lower the density range outside the district, and will locate the lowest density in outlying areas.
5. Residential areas shall be buffered from major transportation arteries and from incompatible non-residential uses.
6. Residential areas should be served by sidewalks and, where practical, bikeways with convenient access to recreation, shopping, and schools.

LOW DENSITY RESIDENTIAL AREAS

1. Low-density residential areas are neighborhoods of single family detached housing and as set forth in Policy 1.1.2.2.5, multiple family attached housing.
2. Low-density residential areas shall be buffered from the nuisance effects of higher intensity uses

and major traffic corridors.

3. A maximum density of 7 units per acre shall be permitted, except as provided in Paragraph 5 below.
4. Low density residential developments should be located in areas where more intensive development would be unwarranted due to environmental Constraints, would be incompatible with surrounding land uses, or where criteria set forth in Paragraph 5 below cannot be met.

f. Changed or changing conditions make the passage of the proposed amendment necessary.

Staff Finding: Changed or changing conditions do not make the passage of the proposed amendment necessary. However, a City zoning district should be established for the property consistent with the history of development agreements anticipating the property to be used for low density residential development.

g. The proposed change will adversely influence living conditions in the neighborhood.

Staff Finding: The requested zoning change is not expected to negatively impact living conditions, however the addition of 320 single family homes will result in an increase in traffic counts as well as an increased number of children in the local school system. Brevard County schools serving the proposed project will be Fairglen Elementary School and Cocoa Jr./Sr. High School. A staff review of local school capacity availability indicates that both schools are presently below 100%; however a final capacity availability determination letter will need to be issued by the Brevard County School Board for this project prior to issuance of any development permits.

h. The proposed change will create or excessively increase traffic congestion or otherwise affect public safety.

Staff Finding: As stated above, the density of the proposed development has drastically decreased over the years from an initial 1000 dwelling units to a current maximum of 320 dwelling units, which is less than the agreed -to density of 2.03 units per acre and maximum 500 dwelling units with Brevard County. The gross density for the project, when considering the open spaces required by the approved Concept Plans in the Settlement Implementation Agreement, will be 1.2 units per acre, which is very consistent with the surrounding development pattern of 1 acre lots. The proposed development project would add 320 new housing units which, in turn, would generate roughly 3,062 additional daily trips, based on an average of 9.57 vehicle trips per dwelling unit (on a weekday) as established by the Institute of Transportation Engineers (ITE) Trip Generation Manual (7^{th} Edition). If assuming that the current GU minimum lot size of 5 acres would apply, the maximum potential dwelling units would be 49.29, which could generate roughly 468.93 additional daily trips under the current zoning. However, if we assume that the existing development pattern of the Canaveral Groves area of 1 acre lots were applied to the subject property, then the maximum potential dwelling units would be 246, which would generate roughly 2,354 additional daily trips. The rezoning to RU-1-7, with the maximum 320 dwelling units, would result in a 708 trip differential, which in staff's view would not excessively increase traffic congestion or otherwise affect public safety.

It should be noted that, although a residential subdivision is not being proposed at this time for approval, pursuant to the Stipulated Settlement Agreement and Settlement Implementation Agreement, the future subdivision will have two public road access points. The northern access point shall be at the existing southern terminus of Bahia Street. Brevard County must choose between two options for public road access at the southeastern corner of the project: (1) Osage/Angelica Street or (2) south along the 100-foot wide drainage canal right-of-way connecting to Grissom Parkway. The County has not yet formally notified the City of its choice. However, should the County choose Osage/Angelica Street, the Developer has indicated that they are proposing to create an intersection at Grissom Parkway and Angelica Street to handle the increased trip demand.

i. The proposed change will create a drainage problem.

Staff Finding: No drainage problems are anticipated as a result of the rezoning. Any new construction would be required to comply with all applicable stormwater regulations and permitting requirements. Portions of the property are located within the A Zone, which are areas subject to inundation by the 1-percent-annual-chance flood event generally determined using approximate methodologies.

j. The proposed change will seriously reduce light and air to adjacent areas.

Staff Finding: The proposed change is consistent with low-density land use which would not affect light and air

to adjacent areas. The maximum height allowed when constructing single-family dwellings under RU-1-7 standards is 35 feet.

k. The proposed change will adversely affect property values in the adjacent areas.

Staff Finding: It is not anticipated that property values would be negatively affected by the proposed rezoning. The proposed rezoning will not materially change the uses allowed for the subject properties.

l. The proposed change will be a deterrent to the improvement or development of adjacent property in accord with existing regulations.

Staff Finding: It is not anticipated that the proposed rezoning would be a deterrent to the improvement or development of adjacent property for the reasons stated above. The proposed changes should not adversely impact property values or adversely influence living conditions in the neighborhood.

m. The proposed change will constitute a grant of special privilege to an individual owner as contrasted with the public welfare.

Staff Finding: The proposed change will not constitute a grant of special privilege to the property owners as the change of zoning is consistent with the existing uses of the properties involved. This is consistent with the public welfare.

n. There are substantial reasons why the property cannot be used in accord with existing zoning.

Staff Finding: The property retained the former Brevard County zoning designation from the time of annexation to the City of Cocoa. As the current property owner wishes to move forward with development of the parcel, a City of Cocoa zoning district must be established for the property consistent with the current Future Land Use designation and with the previously mentioned development agreements.

o. Whether the change suggested is out of scale with the needs of the neighborhood of the city.

Staff Finding: The proposed rezoning is not out of scale with the needs of the neighborhood of the City. This area of the City provides for single family residential.

p. It is impossible to find other adequate sites in the city for the proposed use in districts already permitting such use.

Staff Finding: Other parcels with single family zoning already exist in the City. This rezoning is an expansion of the number of those parcels.

Consistency with Comprehensive Plan Policies and Objectives

GOAL 1.1: The proposed RU-1-7 zoning designation is consistent with the allowable uses under the “Low- Density Residential” Future Land Use per the City of Cocoa Comprehensive Plan. Please see the discussion in Section e. above for further detail.

Concurrency Management/Adequate Public Facilities

Section 15-22 of the City Code provides for a concurrency management system to ensure public facilities and services needed to support development are available concurrent with the impacts of such development and that development orders and development permits are not issued in a manner that will not result in a reduction in the levels of service below the adopted level of service standards adopted by the City for public facilities and services, as contained in the City’s adopted Comprehensive Plan.

Consistent with the requirements of Article IV (Concurrency Management System), Chapter 15 of the Code of the City of Cocoa, any future development of the subject parcels will be required to submit a final application for concurrency review prior to issuance of any City of Cocoa permits. If capacity issues relating to any public facilities or services regulated by the City of Cocoa adopted Comprehensive Plan are identified, necessary and appropriate mitigation will be required to be addressed prior to construction.

STRATEGIC PLAN CONNECTION:

BUDGETARY IMPACT:

N/A

PREVIOUS ACTION:

The Planning & Zoning Board recommended approval of this item at its meeting on January 7, 2020.

Council approved the 1st reading of the ordinance at its meeting on January 22, 2020.

RECOMMENDED MOTION:

Ordinance No. 03-2020/ 2nd Reading: Approval of a ZONING MAP AMENDMENT consistent with Appendix A, Zoning, Article XXII, to change the Zoning Map designation of one (1) parcel totaling 246.45 acres from Brevard County GU (General Use) to City of Cocoa RU-1-7 (Single Family Residential).

ORDINANCE NO. 3-2020

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; CHANGING THE ZONING MAP DESIGNATION OF ONE (1) PARCEL OF REAL PROPERTY, TOTALING 246.45 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE NORTH EAST CORNER OF HWY 528 AND INTERSTATE 95, IN COCOA, FLORIDA, MORE PARTICULARLY DEPICTED AND LEGALLY DESCRIBED ON EXHIBIT "A" ATTACHED HERETO, FROM BREVARD COUNTY GU (GENERAL USE) TO CITY OF COCOA RU-1-7 (SINGLE-FAMILY RESIDENTIAL); PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.

WHEREAS, the City is granted the authority, under § 2(b), Art. VIII of the State Constitution, to exercise any power for municipal purposes, except when expressly prohibited by law; and

WHEREAS, the Planning and Zoning Board and City Staff of the City of Cocoa have recommended approval of this Ordinance; and

WHEREAS, the City Council of the City of Cocoa held two duly noticed public hearings on the proposed zoning change set forth hereunder and considered findings and advice of staff, the Planning and Zoning Board, citizens, and all interested parties submitting comments and supporting data and analysis, and after complete deliberation, hereby finds the requested change consistent with the City of Cocoa Comprehensive Plan and that sufficient, competent, and substantial evidence supports the zoning change set forth hereunder; and

WHEREAS, the City Council of the City of Cocoa, Florida, hereby finds this ordinance to be in the best interests of the public health, safety, and welfare of the citizens of Cocoa.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COCOA HEREBY ORDAINS, AS FOLLOWS:

Section 1. Recitals. The foregoing recitals are hereby fully incorporated herein by reference as legislative findings of the City Council of Council.

Section 2. Zoning Map Amendment. That the Official Zoning Map of the City of Cocoa, as described in City of Cocoa Code, Article VIII, Section 1, is hereby amended to include a change of classification from Brevard County GU (General Use) to City of Cocoa RU-1-7

(Single-Family Residential District) for the real property depicted and legally described on **Exhibit "A,"** attached and incorporated herein by this reference. City Staff is hereby directed to promptly amend the Official Zoning Map upon the effective date of this Ordinance.

Section 3. **Repeal of Prior Inconsistent Ordinances and Resolutions.** All prior inconsistent ordinances and resolutions adopted by the City Council, or parts of prior ordinances and resolutions in conflict herewith, are hereby repealed to the extent of the conflict.

Section 4. **Severability.** If any section, subsection, sentence, clause, phrase, word or provision of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, whether for substantive, procedural, or any other reason, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions of this ordinance.

Section 5. **Effective Date.** This Ordinance shall become effective immediately upon adoption by the City Council of the City of Cocoa, Florida.

ADOPTED by the City Council of the City of Cocoa, Florida, in a regular meeting assembled on the _____ day of _____, 2020.

_____
JAKE WILLIAMS, JR., Mayor

ATTEST:

_____
CARIE SHEALY, MMC
City Clerk

First Reading: _____
Legal Ad Published: _____
Effective Date: _____

Exhibit A

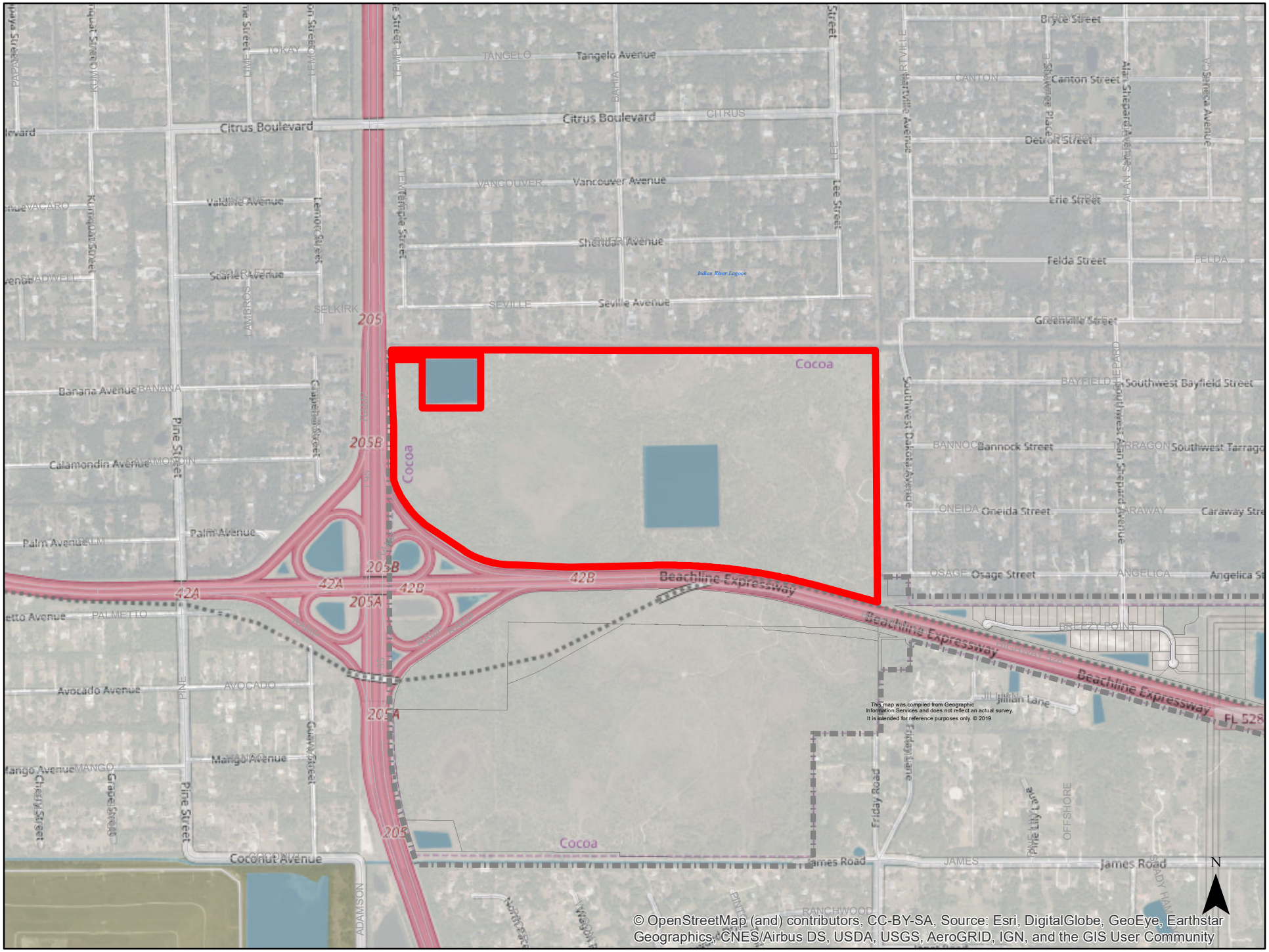

Citrus Boulevard
Vancouver Avenue
Seville Avenue
Scarlet Avenue
Valencia Avenue
Banana Avenue
Calamondin Avenue
Palm Avenue
Avocado Avenue
Mango Avenue
Coconut Avenue
Canton Street
Erie Street
Felda Street
Bannock Street
Oneida Street
Osage Street
Southwest Bayfield Street
Southwest Tarragon
Pine Street
Lee Street
Tangelo Avenue
Indian River Lagoon
Cocoa
205
205B
205A
42A
42B
Beachline Expressway
FL 528
James Road
Friday Road
Jillian Lane
BREEZY POINT
RANCHWOOD
This map was compiled from Geographic Information Services and does not reflect an actual survey. It is intended for reference purposes only. © 2019
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N

Exhibit A

PARCEL 1:

A PARCEL OF LAND LYING IN THE NORTH 1/2 OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA; RUN THENCE SOUTH 89°57'44" EAST, ALONG THE NORTH LINE OF SAID SECTION 10, A DISTANCE OF 329.44 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89°57'44" EAST, ALONG SAID NORTH LINE A DISTANCE OF 2266.28 FEET; THENCE DEPARTING SAID NORTH LINE OF SECTION 10, SOUTH 00°32'12" EAST, A DISTANCE OF 2235.09 FEET TO A POINT ON THE EXISTING NORTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 528 (ALSO KNOWN AS THE "BEE LINE EXPRESSWAY", FORMERLY KNOWN AS STATE ROAD NO. 524); THENCE SOUTH 88°36'31" WEST (CALCULATED MEASUREMENT) SOUTH 88°40'54" WEST (DEED) ALONG SAID EXISTING NORTH RIGHT-OF-WAY LINE A DISTANCE OF 454.64 FEET; THENCE NORTH 87°19'06" WEST, A DISTANCE OF 638.49 FEET, TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTHEAST, HAVING A RADIUS OF 900.00 FEET, A CENTRAL ANGLE OF 31°18'50" (CALCULATED MEASUREMENT) 31°18'48" (DEED); THENCE NORTHWESTERLY ALONG THE ARC OF SAID CURVE, A DISTANCE OF 491.88 FEET (CALCULATED MEASUREMENT) 491.87 (DEED) FEET; THENCE NORTH 56°04'39" WEST (CALCULATED MEASUREMENT) NORTH 56°00'19" WEST (DEED), A DISTANCE OF 398.70 FEET (CALCULATED MEASUREMENT) 398.75 FEET (DEED) TO A POINT OF CURVATURE OF A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 969.79 FEET, A CENTRAL ANGLE OF 37°46'38"; THENCE NORTHWESTERLY ALONG THE ARC OF SAID CURVE, A DISTANCE OF 639.42 FEET TO A POINT ON THE EAST RIGHT-OF-WAY LINE OF STATE ROAD NO. 9 (INTERSTATE 95); THENCE NORTH 00°11'53" WEST, ALONG SAID EAST RIGHT-OF-WAY LINE OF STATE ROAD NO. 9 (INTERSTATE 95), A DISTANCE OF 566.36 FEET; THENCE NORTH 01°55'04" WEST, A DISTANCE OF 300.93 FEET; THENCE NORTH 01°20'38" WEST, A DISTANCE OF 476.50 FEET TO THE POINT OF BEGINNING.

LESS AND EXCEPT THE AREA FOR BORROW PIT NO. 19 AND HAUL ROAD AS SET FORTH IN CIRCUIT COURT MINUTE BOOK 57, PAGE 479, PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA, OTHER THAN THE REVERSIONARY INTEREST, DESCRIBED AS FOLLOWS:

BORROW PIT NO. 19

A PARCEL OF LAND IN THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA:

COMMENCE AT THE NORTH BOUNDARY OF SAID SECTION 10, AT A POINT 150 FEET EAST FROM THE NORTHWEST CORNER THEREOF, RUN THENCE SOUTH 00°12'38" EAST, 50 FEET; THENCE NORTH 89°59'22" EAST, 499.83 FEET TO THE NORTHWEST CORNER OF BORROW PIT NO. 19 AND THE POINT OF BEGINNING; CONTINUE THENCE NORTH 89°59'22" EAST, 600 FEET; THENCE SOUTH 00°00'38" EAST, 550 FEET; THENCE SOUTH 89°59'22" WEST, 600 FEET; THENCE NORTH 00°00'38" WEST, 550 FEET TO THE POINT OF BEGINNING.

AND

HAUL ROUTE FOR BORROW PIT NO. 19

THAT PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, LYING SOUTH AND WITHIN 50 FEET OF A LINE DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHWEST CORNER OF BORROW PIT NO. 19 AS DESCRIBED ABOVE, RUN THENCE SOUTH 89°59'22" WEST, 499.83 FEET TO THE END OF SAID LINE AS HEREIN DESCRIBED.

PARCEL 2:

A PARCEL OF LAND LYING IN THE NORTH HALF OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, RUN THENCE SOUTH 89°57'44" EAST, ALONG THE NORTH LINE OF SAID SECTION 10, A DISTANCE OF 2595.72 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89°57'44" EAST, ALONG SAID NORTH LINE OF SECTION 10, A DISTANCE OF 70.51 FEET, TO THE NORTH QUARTER CORNER OF SECTION 10; THENCE SOUTH 89°57'56" EAST, ALONG SAID NORTH LINE OF SECTION 10, A DISTANCE OF 1926.93 FEET; THENCE DEPARTING SAID NORTH LINE, SOUTH 00°32'12" EAST, A DISTANCE OF 2404.54 FEET, TO A POINT ON A CURVE ON THE EXISTING NORTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 528 (ALSO KNOWN AS THE "BEE LINE EXPRESSWAY", FORMERLY KNOWN AS STATE ROAD NO. 524); THENCE ALONG SAID EXISTING NORTH RIGHT-OF-WAY LINE AND ALONG SAID CURVE THAT IS CONCAVE TO THE SOUTH, HAVING A RADIUS OF 5879.58 FEET, A CENTRAL ANGLE OF15°41'33"; THENCE WESTERLY, ALONG THE ARC OF SAID CURVE, A DISTANCE OF 1610.32 FEET; THENCE SOUTH 88°36'31" WEST (CALCULATED MEASUREMENT) SOUTH 88°40'54" WEST (DEED), A DISTANCE OF 404.03 FEET; THENCE DEPARTING SAID NORTH RIGHT-OF-WAY LINE, NORTH 00°32'12" WEST, A DISTANCE OF 2235.09 FEET, TO THE POINT OF BEGINNING.

PARCEL 3:

A PARCEL OF LAND LYING IN THE NORTH HALF OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 10, TOWNSHIP 24 SOUTH, RANGE 35 EAST, BREVARD COUNTY, FLORIDA, RUN THENCE SOUTH 89°57'44" EAST, ALONG THE NORTH LINE OF SAID SECTION 10, A DISTANCE OF 2666.23 FEET TO THE NORTH QUARTER CORNER OF SECTION 10; THENCE SOUTH 89°57'56" EAST, ALONG SAID NORTH LINE OF SECTION 10, A DISTANCE OF 1926.93 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89°57'56"

Exhibit A

EAST, ALONG SAID NORTH LINE OF SAID SECTION 10, A DISTANCE OF 738.58 FEET TO THE NORTHEAST CORNER OF SECTION 10; THENCE SOUTH 00°32'12" EAST, ALONG THE EAST LINE OF SAID SECTION 10, A DISTANCE OF 2602.18 FEET, TO A POINT ON THE EXISTING NORTHERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 528 (ALSO KNOWN AS THE "BEE LINE EXPRESSWAY", FORMERLY KNOWN AS STATE ROAD NO. 524); THENCE NORTH 74°59'21" WEST, ALONG SAID EXISTING NORTH RIGHT-OF-WAY LINE, A DISTANCE OF 693.63 FEET, TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTH, HAVING A RADIUS OF 5879.58 FEET, A CENTRAL ANGLE OF 00°42'35"; THENCE WESTERLY, ALONG THE ARC OF SAID CURVE, A DISTANCE OF 72.84 FEET; THENCE DEPARTING SAID NORTH RIGHT-OF-WAY LINE, NORTH 00°32'12" WEST, A DISTANCE OF 2404.54 FEET TO THE POINT OF BEGINNING.

INTERSTATE
HIGHWAY 95

50' BUFFER

LAKE
Modify
embankment
for safety

LAKE

LAKE

PARK

LAKE

Preserved
Wetland

LAKE

LAKE

50' BUFFER

LAKE
Modify
embankment
for safety

320 Lots

- Smallest Lots – 75x100
- Largest standard lots – 110x140
- Corner lots vary from 12,500 sf to 24,500 sf
- Only 52 lots have rear neighbors
- Approximately 47 lots back up to wetland/forest
- 226 lots back to lake or canal
- Approximately 75' Buffer from expressway's provided

AMENITIES
BUFFER FROM ADJOINING LOTS

PARK

Preserved
Wetland

50' BUFFER

VIRGIN TRAIN

STATE ROAD 528
"BEELINE EXPRESSWAY"

50' BUFFER



Virgin TRAINS USA

FLORIDA TODAY
FLORIDATODAY.com
A GANNETT COMPANY

Classified Ad Receipt
(For Info Only - NOT A BILL)

Customer: CITY OF COCOA (TE)

Address: 65 STONE ST
COCOA FL 32922
USA

Ad No.: 0003994125
Pymt Method Invoice
Net Amt: $333.52

Run Times: 1

No. of Affidavits: 1

Run Dates: 01/14/20

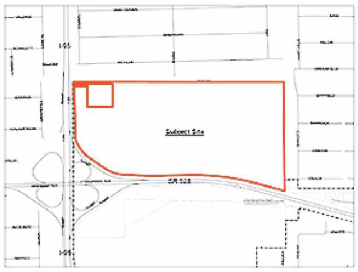
Text of Ad:

AD#, 01/12/2010

CITY OF COCOA
NOTICE OF ZONING MAP AMENDMENT

NOTICE IS HEREBY GIVEN THAT THE COCOA CITY COUNCIL PROPOSES TO CONSIDER THE FOLLOWING REZONING ORDINANCE, INITIATED BY APPLICANT VIRGIN TRAINS USA FLORIDA, LLC:

ORDINANCE 03-2020
AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA, CHANGING THE ZONING MAP DESIGNATION OF ONE (1) PARCEL OF REAL PROPERTY TOTALING 246.45 ACRES, MORE OR LESS, AND GENERALLY LOCATED ON THE NORTH EAST CORNER OF HWY 528 AND INTERSTATE 95, IN COCOA, FLORIDA, FROM BREVARD COUNTY GU (GENERAL USE) ZONING TO CITY OF COCOA RU-1-7 (SINGLE FAMILY RESIDENTIAL) ZONING; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, SEVERABILITY, AND AN EFFECTIVE DATE.
(PARCEL ID: 24-35-10-00-3)



This Ordinance is scheduled to be heard at two (2) City Council meetings:

CITY COUNCIL 1ST READING
PUBLIC HEARING WILL BE HELD ON
JANUARY 22, 2020

CITY COUNCIL 2nd READING
PUBLIC HEARING WILL BE HELD ON
FEBRUARY 26, 2020

BOTH CITY COUNCIL MEETINGS WILL BE HELD AT 6:00 P.M. OR SOON THEREAFTER IN THE COCOA CITY HALL COUNCIL CHAMBERS LOCATED AT 65 STONE STREET, COCOA, FL

Interested parties are hereby advised that they may appear at said meeting and be heard with respect to the application. All persons and parties are hereby advised that if they should decide to appeal any decision made by the City Council with respect to any matter considered at this hearing, they will need a record of the proceedings and that for such purpose, affected persons may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. The City Council reserves the right to continue or postpone hearings to a date certain without re-advertising.

Information pertaining to the above may be inspected at the Planning & Zoning Division beginning the Friday before the meeting, between 8:00 a.m. and 5:00 p.m., Monday through Friday, or by phoning (321) 433-8535.

The facility where this public hearing will be held is accessible to the physically handicapped. SPECIAL ACCOMMODATIONS: Persons with disabilities needing special accommodations to participate in this proceeding should contact the City Clerk's Office at (321) 433-8484 no later than 48 hours prior to the proceeding for assistance.

Legislation Details (With Text)

File #:	20-84	**Version:**	1	**Name:**	
Type:	Ordinance			**Status:**	Public Hearing
File created:	1/31/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Pass on Second Reading Ordinance 13-2019: Adopting amendments to the City of Cocoa Comprehensive Plan based on the City's Evaluation and Appraisal Report (EAR) of the Comprehensive Plan pursuant to Section 163.3191, Florida Statutes and authorizing transmittal to the Florida Department of Economic Opportunity. (Community Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Ord. 13-2019 - EAR Amendments.pdf Exhibit A - EAR Elements (strike-thru w-maps).pdf Exhibit A (cont.) - CIP FY2018-2022.pdf Data & Analysis - Resilient Cocoa 6-14-19.pdf Legal Ad Proof - Comp Plan EAR.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 31, 2020
Agenda Date: February 26, 2020
Prepared By: Dodie Selig, Planning & Zoning Manager
Through: Nancy A. Bunt, Community Services Director
Requested Action:
Pass on Second Reading Ordinance 13-2019: Adopting amendments to the City of Cocoa Comprehensive Plan based on the City's Evaluation and Appraisal Report (EAR) of the Comprehensive Plan pursuant to Section 163.3191, Florida Statutes and authorizing transmittal to the Florida Department of Economic Opportunity.

BACKGROUND:

I. Project Information

Pursuant to Section 163.3191, Florida Statutes, "*At least once every 7 years, each local government shall evaluate its comprehensive plan to determine if plan amendments are necessary to reflect changes in state requirements in this part since the last update of the comprehensive plan and notify the state land planning agency as to its determination*."

The EAR provides a framework for analysis of the City's existing Comprehensive Plan and can be used to evaluate the success of the plan in addressing major community land use planning issues through its implementation. The EAR is also the process by which the City updates its

comprehensive plan to reflect changes in local conditions and state policy on planning and growth management.

The City reviewed its Comprehensive Plan in 2017 and determined that there were general, administrative, map and text revisions necessary to reflect changes in state planning legislation. An EAR Notification letter describing these changes was sent to the State Department of Economic Opportunity (DEO), Division of Community Planning and Development on September 28, 2017.

In 2018, the City applied for and was awarded several grants from the State of Florida. One was a grant from the Florida Department of Environmental Protection to conduct a vulnerability assessment related to sea level rise, flooding and storm surge. The other grant was a Community Planning Technical Assistance grant from the Florida Department of Economic Opportunity to address Peril of Flood requirements and a Resiliency Action Plan for the City. The East Central Florida Planning Council worked with City staff as well as the City of Cocoa Sustainability Committee to fulfill the grant requirements. Their work resulted in the Resilient Cocoa document (attached) which includes the City of Cocoa Resilience Action Plan 2019-2024 and which was used to provide the data and analysis for this Comprehensive Plan update.

On September 25, 2019 the City Council heard the first reading of this ordinance and authorized submittal of the transmittal package to DEO. On October 3, 2019, the submittal was found to be complete by DEO. On December 2, 2019, DEO completed its review of the proposed comprehensive plan amendment and issued a letter stating they had no objections or comments to the proposed amendment. The letter also served as the Objections, Recommendations and Comments Report to the City from DEO as required under the State Coordinated Review Process.

The next step for the City is to adopt, adopt with changes, or not adopt the proposed amendment. Because there were no comments from DEO or the other reviewing agencies, no changes have been made to the proposed amendment that was provided to Council on September 25, 2019.

Should Council approve the adoption of the proposed amendment, staff will transmit the adoption package to DEO. The state then has 45 days after receipt of the adopted plan amendment to issue a Notice of Intent (NOI) to find the plan either in compliance or not in compliance. If DEO finds the plan in compliance it will become effective once the NOI is posted to the DEO website.

II. Comprehensive Plan Amendment Analysis

The City has worked with its consultant, S&ME, Inc., to prepare updates to the goals, objectives and policies of the City's Comprehensive Plan which was last updated in 2010. Changes in State Statutes from 2011 to the present affecting the comprehensive plan were identified. This included those statutes identified in the City's EAR Notification Letter. Special attention was given to the "Peril of Flood" requirements resulting from Senate Bill 1094. Several maps were updated or created depicting floodplains and coastal areas subject to flood hazard. The Plan updates also include deleting or modifying existing goals, objectives and policies; formulating new goals, objectives and policies and updating the Map Series based on the above data and information.

Included as part of this staff report is a strike through and underline version of the Comprehensive Plan (Exhibit A) indicating all the changes made to the Plan and including a series of maps for several elements. A continuation of Exhibit A provides the Capital Improvement Program for FY 2018 through FY 2022. Administrative changes common to all elements include removal of dates of

completion, references to Florida Rule 9J-5 and 9J-11 which are no longer in effect, and replacement of all references to the Department of Community Affairs with the Department of Economic Opportunity. Following is a summary of the substantive changes made to each element of the Comprehensive Plan:

FUTURE LAND USE ELEMENT

- Added a policy that land development regulations must be made consistent with updates to the Comprehensive Plan within 1 year of plan amendment submittal as required by Florida Statute.
- An updated Future Land Use map replaces the current map. This map reflects only those map amendments which were approved from 2010 through 2019.

TRANSPORTATION ELEMENT

- The “Dense Urban Land Area (DULA)” designation is no longer effective therefore this reference has been removed. The City has been exempt from state-mandated transportation concurrency since 2009.
- Strengthened language referencing the Florida Scenic Highways and National Scenic Byways programs.

HOUSING ELEMENT

- Updated reference to Florida Statute number and median gross annual income.
- Added streamlined permitting process to the list of development incentives for affordable and workforce housing.

SANITARY SEWER ELEMENT

(No substantive changes)

SOLID WASTE ELEMENT

- Changed the Level of Service for residential collection from 2 times per week to 1-2 times per week as needed.

STORMWATER MANAGEMENT ELEMENT

- Added language to a sustainable stormwater management strategy related to creation of a site design to require design that “implements/retains pervious surfaces (areas maintained in their natural conditions or materials that permit the infiltration or percolation of water into the ground) where appropriate”.

- Added a policy that the Stormwater Master Plan “shall incorporate an increase in green engineering/infrastructure solutions to reduce run off into the lagoon either directly or indirectly and provide additional opportunities for water capture and filtration. These solutions shall include but not be limited to bio-swales, water detention/retention ponds, seasonal stormwater parks, trees and other native vegetation, rain gardens and other water flow diversion and capture solutions”.

- Added a policy that the City “shall consider the acquisition of properties in the 100-year flood plain that can be used for public open space and function as part of a hybrid stormwater master plan that utilizes green engineering techniques such as stormwater parks, bio-swales, rain gardens and others that will result the capture of water and provide natural filtration prior to entering the lagoon and will result in the removal of coastal real property from flood zone designations established by the Federal Emergency Management Agency (FEMA). These projects shall be designed in a manner that will allow for continued functionality when considering future effects from sea level rise”.

POTABLE WATER ELEMENT

- Removed reference to “cost feasible” from two policies related to the schedule of capital improvements and capital improvements plan.

NATURAL GROUNDWATER AQUIFER RECHARGE ELEMENT

(No substantive changes)

COASTAL MANAGEMENT ELEMENT

- A Coastal Planning Area (CPA) was established which includes the Coastal High Hazard Area (CHHA), areas of the City vulnerable to a Category 3 storm surge or to sea level rise by 2070, or other areas identified as being subject to coastal erosion, flooding or sea level rise, or in the immediate vicinity of such areas.

- The CPA will also serve as the Adaptation Action Area in accordance with Florida Statute with the purpose of increasing funding opportunities (such as grants) and identifying creative solutions for increasing the resiliency of the Adaption Action Area against natural hazards, flooding and sea level rise.

- Policies have been added in furtherance of the protection of marine resources. These include such things as coordination with other local governments and agencies such as the Marine Resources Council of East Florida and facilitating the installation of native shoreline vegetation and oyster mats.

- The Estuarine Environmental Quality objective was amended to include reference to the consideration of future impacts of sea level rise and flooding.

- Coordination with Brevard County was expanded to include projects connected to the Save

Our Indian River Lagoon program.

- A policy was added to work with property owners to encourage and implement buffers of native vegetation between the shoreline and turf.

- Additional criteria were added to those applied to marinas and mooring fields such as the minimization of shoreline hardening structures, a designation by the Clean Marina Program and a plan for adaptation or mitigation strategies for sea level rise through 2070 and flood impacts to vulnerable infrastructure.

- Public expenditures in the CPA will prioritize projects which restore or enhance natural resources, are part of the City's Redevelopment Plan and/or serve to reduce risk of sea level rise, flooding and storm surge. Local funds used to subsidize new development through new or improved infrastructure will be limited and such infrastructure shall not be used to justify new development in the CPA where the infrastructure removes previous capacity/safety impediments to additional development.

- Public access to the Lagoon will take into account mitigation of risk from natural hazards. The purchase of frontage properties along the shoreline will also be considered in light of their functionality to serve as areas to mitigate impacts from storm surge, seal level rise and flooding. Infrastructure in public access areas will be strictly limited to that necessary for safe public access.

- The Coastal High Hazard Area (CHHA) has been defined as the area below the elevation of a Category 1 storm surge line as established by a Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model.

- A new objective and related policies were created which require development to be planned and managed through strategies and design principles that are consistent with sound planning practices that protect life and property from the effects of flooding, storm surge and related impacts of sea level rise and that protect the long-term financial viability of the City.

- A new object and related policies were created which highlight planning and process consistency in the adaptation and mitigation of the built environment addressing natural hazards, flooding, and impacts from seal level rise, as well as related coordination with partner agencies.

- New policies were added to the Post-Disaster Redevelopment Plan objective. Guidelines for post-disaster redevelopment and hazard mitigation will continue to be developed and included in the City's land development regulations. Procedures for post-disaster action shall include a system for distinguishing between immediate repair and clean-up actions needed to protect the public health and safety, versus long-term repair and redevelopment activities. A temporary-building moratorium may be declared in the Coastal Planning Area when 50% or more of the structures have been damaged by 50% or greater to assess the impacts and feasibility of redevelopment.

- A new object and policies were created to address disaster preparedness for entities critical to redevelopment.

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- The objective related to infrastructure in the CPA was amended to require that level of service standards for facilities within the CPA consider the long-term implications of increased hazards due to sea level rise and flooding. A cost-benefit analysis may include considerations such as the number of times infrastructure has been damaged, upgraded, or rebuilt; number of people served by the infrastructure; whether alternatives for the services provided by the infrastructure are present; criticality of the infrastructure for protection of safety; potential increased hazards to first responders; etc.

- Additionally, a policy was added related to construction or reconstructing of utilities or infrastructure, providing that the City assess vulnerabilities and resilience to sea level rise, flooding and storm surge, and identify cost-effective strategies to minimize exposure and reduce impacts.

- A policy was developed to prioritize the use of Green Street techniques (reference Policy 9.2.2.2 (1)) within the Stormwater Master Plan, on public rights-of-way, to the extent financially and physically possible, to alleviate flood impacts to streets and buildings and maintain its level of service standards.

- A new series of maps were added to this element, most depicting the new Coastal Planning Area designation.

RECREATION AND OPEN SPACE ELEMENT

- The City will consider developing and adopting its own Parks and Recreation Master Plan, as well as a Pedestrian Routes and Bike Trails Master Plan.

PUBLIC SCHOOLS FACILITIES ELEMENT

- The Level of Service (LOS) for the School District is now set at 100%. Therefore, the text and the table addressing the former phased LOS plan have been removed.

- A policy was added that would allow a landowner to proceed with development of a specific parcel of land notwithstanding a failure of the development to satisfy school concurrency, providing that certain factors are shown to exist.

CONSERVATION ELEMENT

- The definition for <u>water dependent uses</u> was amended to “an activity which can only be conducted on, in, over, or adjacent to water areas because the activity requires direct access to the water body or sovereign submerged lands for transportation, recreation, energy production or transmission, or source of water, and where the use of the water or sovereign submerged lands is an integral part of the activity”.
- submerged lands is an integral part of the activity”.

- An updated Wetlands map replaces the current map.

INTERGOVERNMENTAL COORDINATION ELEMENT

(No substantive changes)

CAPITAL IMPROVEMENT ELEMENT

- A policy was amended to require requests for capital projects be evaluated on their impact to the City budget based on consistency with the City's Budget Prioritization list.
- The criteria for priority ranking of capital improvement projects was amended to match the City's Budget Prioritization list with four priority categories.
- A policy was added that public expenditures which fund infrastructure improvements within the Coastal Planning Area shall abide by the limitations expressed in the Coastal Management Element (Objective 9.1.5. and Policies 9.1.5.1-2).
- Additional City departments were added to those reviewing the Capital Improvements Element on an annual basis.
- An updated CIP for FY2018-2022 replaces the outdated version.

STRATEGIC PLAN CONNECTION:

BUDGETARY IMPACT:

N/A

PREVIOUS ACTION:

The Planning & Zoning Board recommended approval of this item at a Special Meeting on September 24, 2019.

City Council approved the first reading of Ordinance 13-2019 at its meeting on September 25, 2019.

RECOMMENDED MOTION:

Pass on Second Reading Ordinance 13-2019: Adopting amendments to the City of Cocoa Comprehensive Plan based on the City's Evaluation and Appraisal Report (EAR) of the Comprehensive Plan pursuant to Section 163.3191, Florida Statutes and authorizing transmittal to the Florida Department of Economic Opportunity.

ORDINANCE NO. 13-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; ADOPTING AMENDMENTS TO THE CITY OF COCOA COMPREHENSIVE PLAN BASED ON THE CITY'S EVALUATION AND APPRAISAL OF THE COMPREHENSIVE PLAN PURSUANT TO SECTION 163.3191, FLORIDA STATUTES; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, INCORPORATION INTO THE COMPREHENSIVE PLAN; LEGAL STATUS OF THE COMPREHENSIVE PLAN AMENDMENTS; SEVERABILITY, AND AN EFFECTIVE DATE.

WHEREAS, the City is granted the authority, under § 2(b), Art. VIII of the State Constitution, to exercise any power for municipal purposes, except when expressly prohibited by law; and

WHEREAS, the Florida Legislature intends that local planning be a continuous and ongoing process; and

WHEREAS, consistent with the Community Planning Act, the City Council has adopted the City of Cocoa Comprehensive Plan; and

WHEREAS, as required by section 163.3191, Florida Statutes, the City has conducted an evaluation of its Comprehensive Plan to determine if plan amendments are necessary to reflect changes in state requirements since the last update of the City's Comprehensive Plan, which is required to be adopted every seven (7) years to assess the progress of implementing the City's Comprehensive Plan; and

WHEREAS, the Local Planning Agency has reviewed the amendments to the Comprehensive Plan set forth herein, held an advertised public hearing, provided for participation by the public in the process, and rendered its recommendations to the City Council; and

WHEREAS, the City Council, after considering the Local Planning Agency's review comments and recommendations for amendments to the Comprehensive Plan, desires to adopt the amendments set forth herein; and

WHEREAS, the City Council of the City of Cocoa, Florida, hereby finds this ordinance to be in the best interests of the public health, safety, and welfare of the citizens of Cocoa.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF COCOA HEREBY ORDAINS, AS FOLLOWS:

Section 1. **Recitals.** The foregoing recitals are hereby fully incorporated herein by reference as legislative findings of the City Council of Cocoa.

Section 2. **Authority.** This Ordinance is adopted in compliance with, and pursuant to, the Community Planning Act, Sections 163.3184 and 163.3191, Florida Statutes.

Section 3. **Purpose and Intent.** The purpose and intent of this ordinance is to adopt text amendments to the City's Comprehensive Plan as set forth herein, which are based on the City's evaluation and appraisal of the Comprehensive Plan pursuant to Section 163.3191, Florida Statutes.

Section 4. **Adoption of Text Amendments to the Comprehensive Plan.** The City of Cocoa Comprehensive Plan is hereby amended only as specifically enumerated and set forth in **Exhibit "A"** attached hereto and fully incorporated herein by this reference. (Underlined type indicates additions and ~~strikeout~~ type indicates deletions). It is intended that the text in the Comprehensive Plan not specifically enumerated and set forth in this Exhibit shall remain unchanged from the language existing prior to adoption of this Ordinance.

Section 5. **Transmittal to the Department of Economic Opportunity.** The City Manager or his designee is hereby designated to sign a letter transmitting the adopted Comprehensive Plan Amendment to the Florida Department of Economic Opportunity for state review and to any other agency or local government providing timely comments, in accordance with Section 163.3184(4), Florida Statutes.

Section 6. **Repeal of Prior Inconsistent Ordinances and Resolutions.** All prior inconsistent ordinances and resolutions adopted by the City Council, or parts of prior ordinances and resolutions in conflict herewith, are hereby repealed to the extent of the conflict.

Section 7. **Severability.** If any section, subsection, sentence, clause, phrase, word or provision of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, whether for substantive, procedural, or any other reason, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions of this ordinance.

Section 8. **Incorporation Into Comprehensive Plan.** Upon the effective date of the Comprehensive Plan Amendments adopted by this Ordinance, said Amendments shall be incorporated into the City of Cocoa Comprehensive Plan and any section or paragraph number or letter and any heading may be changed or modified as necessary to effectuate the foregoing.

Section 9. **Effective Date and Legal Status of the Plan Amendment.** The effective date of the Comprehensive Plan Amendments adopted by this Ordinance shall be pursuant to the state land planning agency's notice of intent. If timely challenged, an amendment does not become effective until the state land planning agency or the Administration Commission enters a

final order determining the adopted amendment to be in compliance as defined in section 163.3184, Florida Statutes. No development orders, development permits, or land use dependent on these Amendments may be issued or commenced before it has become effective. If a final order of noncompliance is issued by the Administration Commission, the Amendments may nevertheless be made effective by adoption of a resolution affirming its effective status. After and from the effective date of these Amendments, the Comprehensive Plan Amendments set forth herein shall amend the City of Cocoa Comprehensive Plan and become a part of that plan, and the Amendments shall have the legal status of the City of Cocoa Comprehensive Plan, as amended.

ADOPTED by the City Council of the City of Cocoa, Florida, in a regular meeting assembled on the _____ day of _____, 2019.

_____
JAKE WILLIAMS, JR., Mayor

ATTEST:

_____
CARIE SHEALY, MMC
City Clerk

First Reading: _____
Legal Ad Published: _____
Effective Date: _____

CITY OF COCOA COMPREHENSIVE PLAN 2019 - 2029

VOLUME I
GOALS, OBJECTIVES, & POLICIES

ADOPTED BY ORDINANCE 11-2010
BY ACT OF THE CITY COUNCIL
CITY OF COCOA, FLORIDA
ON OCTOBER 26, 2010
Updated by Ordinance 12-2010 on 10-26-2010
Updated by Ordinance 13-2019 on 9-25-2019

Serving the Community

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I - FUTURE LAND USE ELEMENT



Serving the Community

GOAL 1.1: Create and maintain a broad range of land use activities that maximize the City's potential as a growth center while protecting the public health, safety, welfare, and appearance through the thoughtful planned use and development of the land and public facilities.

Objective 1.1.1: Future Land Use Categories Established. The City hereby establishes land use categories and a Future Land Use Map (FLUM) that provide for compatible and coordinated land uses, allowing for the protection of natural and historic resources as well as maximizing economic development opportunities.

Policy 1.1.1.1: Land Use Categories. The adopted FLUM contains and identifies appropriate locations for the following land use categories. The maximum densities/intensities shown in Figure FLU-1 are not guaranteed for all sites within each category. The zoning map and land development regulations may impose tighter densities and intensities of development based on land use allocation criteria policies.

Policy 1.1.1.2: Density/Intensity Standards for Future Land Use Categories. For the purposes of analyzing public facilities impacts of proposed Future Land Use Map amendments density and/or intensity shall be measured and regulated pursuant to Figure FLU-1.

Objective 1.1.2: Location Criteria for Land Uses. Future land use categories and land development regulations shall be consistent with the density and intensity standards in Policy 1.1.1.1 and be based upon the following locational and development standards and criteria:

FIGURE FLU-1
STANDARDS FOR FUTURE LAND USE CATEGORIES

Residential and Conservation Future Land Use Categories:

	Very Low Density Residential	Low Density Residential	Medium Density Residential	High Density Residential	Conservation	Rural Urban Transition
Maximum Density	4 du/acre	7 du/acre[1]	15 du/acre	25 du/acre		1 du/2.5 acres
Allowable Uses	Residential, Institutional, and Open Space/ Recreational	Residential, Institutional, and Open Space/ Recreational	Residential, Institutional, and Open Space/ Recreational	Residential, Institutional, Office and Open Space/ Recreational	Conservation and Open Space/ Recreational	Residential, Conservation Open Space/ Recreational, and Agriculture
Applicable Zoning Districts	RE, RA, RR-1, RR-2, RU-1-10, RU-1-7, RU-1-7A, RM-3 and PUD	RU-1-10, RU-1-7, RU-1-7A, RU-2-15, RM-3, RM-4 and PUD	RU-2-10, RU-2-15, RM-4, and PUD	RU-2-10, RU-2-15, RU-2-25, and PUD	Not Applicable	RA, RR-1, and RR-2
Maximum Impervious Surface Ratio	.40 .65 w/PUD	.65	.70	.80	.10	.30

FIGURE FLU-1, Continued
STANDARDS FOR FUTURE LAND USE CATEGORIES

Commercial, Industrial, Open Space/Recreational, Institutional and Mixed Use Future Land Use Categories:

	Commercial	**Neighborhood Commercial[4]**	**Regional Activity Center[5]**	**Industrial**	**Open Space Recreational**	**Institutional**	**Mixed Use**
Maximum Intensity/ Density	1.0 FAR	0.75 FAR	0.50 FAR, 25 du/acre, and 45 hotel rooms/acre	1.50 FAR	0.25 FAR	1.0 FAR 25 du/acre	25 du/acre[2&3] 1.0 FAR[3]
Allowable Uses	Commercial, Office, Institutional, and Open Space/ Recreational	Commercial, Residential, Office, Institutional, and Open Space/ Recreational	Commercial, Industrial, Hotel, Office, Residential, Institutional, and Open Space/ Recreational	Industrial and Commercial[6]	Not Applicable	Institutional	Commercial, Industrial, Hotel, Office, Residential, Institutional, and Open Space/ Recreational
Minimum Transportation Access	4 lane collector 2 lane arterial	2 lane collector	2 lane arterial that intersects SR528 or I-95	2 lane collector 2 lane arterial	Not Applicable	Not Applicable	Not Applicable
Applicable Zoning Districts	C-G, C-W, C-P, C-C, P-S, and PUD	C-N, C-R, R-P, P-S, and PUD	UMD	M-1 and M-2	All Districts	All Districts	CBD, CBD-CVO, C-C, C-N, CR, PS, PUD, RP, UMD
Maximum Impervious Surface Ratio	.90	.80	.95	.75	.25	.65	.95 1.0 in CBD

NOTES FOR FIGURE FLU-1:

1. Maximum density may be increased up to 12 du/acre as part of a planned residential development or planned redevelopment activities (*Policy 1.2.3.C*).
2. An additional 5 units per acre may be achieved if residential units are developed as part of a vertical mixed use project.
3. Maximum FAR in the Cocoa RDA is 2.0 and a bonus may permit up to an additional 2.5 FAR in the Central Business District outside the Cocoa Village Overlay sub-district. An additional 25 units per acre may be achieved in certain areas within the Cocoa RDA.
4. Four (4) acre maximum land area for new Neighborhood Commercial and one (1) acre maximum site land area.
5. Minimum land area of 50 acres and minimum cumulative gross floor area of 500,000 sq.ft. for all structures.
6. Commercial uses that are complementary to and support industrial development and operations.

Policy 1.1.2.1: **Rural/Urban Transition (RUT).** Rural/Urban Transition land use is intended to preserve conservation areas, and to provide opportunities for agricultural activities along with some residential developments. This designation will also allow for necessary supporting services such as utilities, parklands, and education facilities. The following criteria shall be used for determining appropriate locations for rural/urban transition areas.

A. Whenever an agricultural operation is annexed, the RUT land use may apply. The farming and agricultural operations may continue per the conditions set forth in the annexation agreement for the property. The continuation of agricultural uses and supporting ancillary facilities will contribute to the preservation of large expanses of open space while protecting sensitive environmental resources.

B. If more than one residential unit is developed on a parcel classified as RUT pursuant to this policy, the units may be clustered.

Policy 1.1.2.2: **Very Low Density Residential (VLDR).** Very low-density residential areas consist of neighborhoods of single family detached housing. The following criteria shall be used for determining appropriate locations for very low density residential areas.

A. Very low-density residential areas shall be buffered from the nuisance effects of agricultural uses, higher intensity uses and major traffic corridors.

B. Very low density residential developments should be located in areas where more intensive development would be unwarranted due to environmental constraints.

Policy 1.1.2.3: **Low Density Residential (LDR).** Low-density residential areas are neighborhoods of single family detached housing, limited multiple family attached housing and limited clustered single family attached housing. Institutional, open space and recreational uses are also allowed in this category. The following criteria shall be used for determining appropriate locations for low density residential areas.

A. Low-density residential areas shall be buffered from the nuisance effects of higher intensity uses and major traffic corridors.

B. Low density residential developments should be located in areas where more intensive development would be unwarranted due to environmental constraints, incompatible with surrounding land uses, or where criteria set forth in Paragraph c, below, cannot be met.

C. The City may permit increased densities up to 12 units per acre as part of planned residential development or planned redevelopment activities based on the following criteria:

1. Redevelopment through rehabilitation and improvement of substandard or deteriorating housing.

2. For planned redevelopment activities, preservation and improvement of neighborhoods containing affordable single family and multiple family housing, especially where neighborhoods contain vacant lots or abandoned commercial uses.

3. Use of a variety of building and site designs, housing types and efficient construction techniques that lower

construction costs and result in lowering housing cost.

4. Provide for more efficient use of land and protection of the existing neighborhoods, natural systems, and historic resources.

D. Clustered single family attached housing may be permitted with City Council approval, at a maximum of seven (7) units per acre, provided the development meets at least one of the qualifying criteria, is a deed restricted community, and conforms to the development standards included in the City's land development code and design criteria listed below.

1. Qualifying Criteria:

(a) Preservation of environmentally sensitive areas.

(b) Topographical constraints limiting the developable portion of the land.

2. Development Standards:

(a) Land area and project density standards shall be as follows:

(1) Minimum of one (1) acre and no more than seven (7) acres.

(2) Minimum of seven (7) dwelling units and no more than forty-nine (49) dwelling units.

(b) A project shall not be located within one-half mile of another project developed under this policy.

(c) A minimum of twenty percent (20%) of gross site acreage shall be developed as useable open space and active recreational facilities.

(d) A minimum of ten percent (10%) of developed units shall be set aside and priced affordably for qualified moderate income level families.

(e) The development project shall provide a fifteen (15) foot landscaped buffer along property lines adjoining single family residential land uses developed with detached housing.

3. Design Standards:

   (a) Individual lots, buildings, streets and parking areas should be designed and situated to minimize disruption to the site's natural drainage and topography.

   (b) Buildings developed under this policy shall contain no more than five (5) residential dwelling units per building.

   (c) To preserve and promote the single family nature of the development project, single family attached housing units shall only be horizontally attached and front facades shall be staggered.

   (d) Each dwelling units shall vary architecturally so that each presents a distinct and unique appearance as a single family residential unit. Not more than three units per building and no two adjoining units shall have the same architectural appearance and style.

   (e) Buildings shall be finished on all sides with permanent finished materials of consistent quality. Major exterior surfaces of all primary structures shall be face brick, architectural concrete, glass, stucco, synthetic stucco, decorative block, or stone.

4. Development Agreement. The City Council may require a development agreement as a condition of approving any clustered, single family attached housing project. Said agreement shall memorialize all conditions and safeguards deemed necessary by City Council and shall be recorded in the public records of Brevard County as a binding covenant on the subject property.

Policy 1.1.2.4: **Medium Density Residential (MDR).** Medium density residential areas shall be regarded as areas of moderate density detached and attached housing. The following criteria shall be used for determining appropriate locations for medium density residential areas.

A. Medium density residential areas shall have access to a minor collector street, and preferably, to a major collector street or one of higher functional classification.

B. These areas should have convenient access to community services.

C. New developments approved in accordance with the comprehensive plan shall provide amenities to include open space and buffering as required in the City's Land Development Regulations.

Policy 1.1.2.5: **High Density Residential (HDR).** High-density residential areas shall be deemed to be areas of attached multi-unit dwellings and detached housing where a mixture of unit types and a variety of buildings may be permitted. The following criteria shall be used for determining appropriate locations for high density residential areas.

A. High-density residential areas shall have access to a major collector street or a roadway with a higher functional classification.

B. It is the intent of the City to provide these areas with safe and convenient pedestrian access to nearby recreation and shopping facilities.

Policy 1.1.2.6: **Mixed-Use (MU).** The Mixed-Use land use category is intended to provide a mixture of residential, commercial, office, recreational and institutional uses along the major transportation corridors (such as SR 520 and US 1). The mixed-use could be developed as single uses on separate parcels or as a mixture of uses within a single development. Based on current land use trends, the City estimates that the mix of uses in the mixed-use category will be 50 percent residential and 50 percent non-residential. The Floor Area Ratio (FAR) measure shall not be applied to residential developments, or the residential portion of a mixed-use building or development. The following criteria shall be used for determining appropriate locations for mixed-use land use areas.

A. Areas within a quarter mile walking distances of public transit stations, transitional areas between high and low intensity uses, and areas adjacent to major corridors within the City are appropriate for Mixed-Use category.

B. The land development regulations implementing this category shall encourage a compact and walkable environment to reduce vehicle miles of travel and encourage use of public transit.

C. Development within mixed-use shall be encouraged to follow Transit Oriented Design (TOD) principles.

D. Unified architectural and streetscape themes are encouraged for all developments within the Mixed-Use category.

E. Mixed use buildings within a single development will be highly encouraged in this category.

F. For a mixed-use building, only retail sales, offices and services and restaurants are permitted on the ground floor.

G. If residential housing units are developed as part of a vertical mixed use project a bonus of up to 5 units per acre may be achieved.

H. For the purposes of analyzing public facilities impacts of proposed Future Land Use Map amendments, a mix of 50% residential and 50% non-residential land area split shall be utilized.

Policy 1.1.2.7: **Regional Activity Center (RAC).** The City's Future Land Use Map may be amended to include one or more Regional Activity Centers, as a separate and distinct future land use designation. The City shall seek opportunities to work with the private development sector to promote and plan one or more compact, high intensity, multi-use developments that will enhance the City's tax base, provide new employment opportunities and promote additional compatible development within the City. Development within any designated Regional Activity Center shall comply with the requirements of the following policies (inclusive of the applicable Subarea Policies) and all other applicable Comprehensive Plan Policies.

A. Development within this category shall include a minimum of three of the following land uses: commercial, office, residential, hotel or industrial uses and shall conform to the following development criteria:

1. Minimum land area included within the Regional Activity Center: 50 acres; and

2. Minimum cumulative gross floor area of all non-residential structures: 500,000 square feet;

3. Maximum cumulative floor area ratio for the entire Regional Activity Center: 0.50;

4. When a residential land use is a component of the development, the following shall apply:

(a) Minimum cumulative gross floor area for all residential uses shall equal 25% of the cumulative gross floor area for all non-residential uses. The minimum cumulative residential gross floor area shall only be reestablished after initial approval when increases in non-residential uses require a comprehensive plan amendment.

(b) Maximum residential density: 25 dwelling units per acre

5. Maximum hotel/ intensity: 45 rooms per acre

B. Each designated Regional Activity Center shall be subject to Subarea Policies that will establish the specific uses and maximum intensity standards applicable to that particular Regional Activity Center.

C. Each designated Regional Activity Center shall be designed to provide services to, or be regularly used by, a significant number of citizens of more than one county; shall have direct access to a major arterial roadway that intersects with SR 528 or I-95; shall include a multi-modal circulation system that is integrated with the City's overall pedestrian, bicycle and transit systems; and shall be compatible with adjacent uses.

D. Each designated Regional Activity Center shall be developed in a sustainable manner where development and design standards commonly associated with the urban design concepts of Traditional Neighborhood Design (TND) and Neo-Traditional planning principles shall serve as guiding principles, generally complying with the following:

1. Uses shall be mixed and intermingled such as commercial and residential; commercial and office; and or office and residential,

2. Site design shall provide for equal opportunities for vehicular and pedestrian travel internally throughout the site, with the exception of any portion developed wholly as industrial,

3. Interconnectivity, vehicular and pedestrian, between land use zones shall be provided,

4. Site design shall incorporate Crime Prevention Through Environmental Design (CPTED) principles.

E. Designated Regional Activity Centers shall be permitted to convert land uses and intensities within the adopted development program.

1. To ensure substantial conformity with the adopted development program and to retain the mixed-use character of a designated Regional Activity Center, a conversion of any land use category to another may only be permitted to increase or decrease by the below figures for each land use category. A proposed increase or decrease greater than the below figures shall require an amendment to the Comprehensive Plan, specifically to the Subarea policy governing the uses and intensities of the designated Regional Activity Center.

(a) Commercial: 55,000 square feet or 10% whichever is greater

(b) Office: 66,000 square feet or 10% whichever is greater

(c) Residential: 55 units or 10% whichever is greater

(d) Hotel: 83 rooms or 10% whichever is greater

(e) Industrial: 35 acres or 10% whichever is greater

2. To maintain an equivalent number of trips generated by a designated Regional Activity Center and to retain the internal trip capture characteristics, an increase (or decrease) to an approved land use category shall result in a corresponding decrease (or increase) to another approved land use category.

3. To ensure adequate public school capacity is available for designated Regional Activity Centers where a residential land use is part of the adopted development program, a proposed increase in residential land use of any amount shall require a school concurrency evaluation and determination to ensure adequate public school capacity is available to accommodate new students generated by the proposed increase in residential units.

4. For purposes of evaluating concurrency for potable water and wastewater facilities, the demand for the maximum potential development (the base development program plus the maximum allowable increase set forth above) shall be evaluated to ensure adequate public facilities are available to serve the development.

F. Notwithstanding any other provisions in this Comprehensive Plan, development within a designated Regional Activity Center existing as of July 1, 2004 will be allowed to impact wetlands if such development is consistent with the Conservation Element.

G. The development within a Regional Activity Center shall not reduce the flood storage capacity of the project site so as to impact adjoining properties or degrade the quality of the receiving surface water body.

H. The development within a designated Regional Activity Center may utilize compensating storage to achieve the density or intensity authorized in the applicable Subarea

Policies for the particular Regional Activity Center, provided that any proposed alteration to the 100-year floodplain or to isolated flood prone areas shall not adversely impact the drainage of adjacent properties or public drainage facilities.

I. If an endangered, threatened, or species of special concern is found on-site or there is evidence that the species may be present on-site following development, the development within a designated Regional Activity Center shall not commence unless and until the Florida Fish and Wildlife Conservation Commission approves a wildlife management plan (which may include offsite relocation or mitigation, as appropriate).

J. To conserve energy and reduce solid waste production, development within a designated Regional Activity Center shall have a unified solid waste management plan that provides for recycling of materials including glass, paper, aluminum, and plastics.

K. To reduce the demand for potable water, development within a designated Regional Activity Center shall connect to the City's wastewater reuse system.

L. To provide a visually pleasing sense of place, all development within a designated Regional Activity Center shall be subject to a coordinated set of design guidelines for street furniture, signage, landscaping, and public spaces that shall be reviewed and approved by the City's Community Development Director prior to issuance of the first building permit.

M. To reduce the potential for mobile source emissions individual sites developed within a designated Regional Activity Center shall:

1. Plant vegetative landscape strips along major transportation corridors;

2. Be designed to encourage walking, biking, or mass transit usage to reduce the need for vehicular use;

3. Connect to existing or planned bicycle and pedestrian systems in accordance with the City's Bicycle Path Plan.

N. **Brevard Crossings Regional Activity Center**. The City hereby establishes the following standards for the Brevard Crossings Regional Activity Center.

Subarea Policy 1 The Future Land Use Map as amended on March 12, 2002 shows the location of the approved Brevard Crossings Regional Activity Center.

The designated area has been determined by the City to be appropriate for development as a Regional Activity Center.

Subarea Policy 2 Unless increased in accordance with Future Land Use Element Policy 1.1.2.7.E, the Brevard Crossings Regional Activity Center may include a mix of only the following uses and intensities:

- 1,710,000 square feet of commercial uses;
- 300 hotel rooms; and
- 80,000 square feet (3,300 seat) theatre.

Subarea Policy 3 Commercial and office uses shall generally be oriented internal to the site, as opposed to SR 524 exclusively. Buildings shall be oriented toward the street and no greater than two bays of parking shall be permitted between primary structures fronting SR 524 public right of way.

Policy 1.1.2.8: Neighborhood Commercial (NCOMM). Neighborhood commercial areas are intended to be low-impact in nature and serve the needs of the immediate residential area. The following criteria shall be used for determining appropriate locations for neighborhood commercial land use designations on the future land use map.

A. Neighborhood commercial areas may be allowed closer to the residential neighborhoods.

B. The City anticipates that ~~by 2020,~~ the average overall mix of uses in the Neighborhood Commercial Land Use category throughout the City will be a minimum of 85% commercial/office, public/institutional and recreational and a maximum of 15% residential.

C. Pedestrian connectivity between neighborhood commercial and surrounding multi family developments is highly encouraged.

D. The following factors shall be considered when designating new Neighborhood Commercial areas or expanding existing Neighborhood Commercial areas:

1. A land use compatibility study shall be conducted by the applicant to analyze the potential impact of a proposed new Neighborhood Commercial area or Neighborhood Commercial area expansion on the character of the surrounding uses, neighborhoods and natural environment.

2. A multimodal transportation study shall be conducted by the applicant demonstrating that the transportation systems including roads, pedestrian walkways, bike ways, transit facilities affected by the proposed Neighborhood Commercial areas have sufficient current and projected capacity to the handle the travel demand generated by the increased intensity. Additionally, multimodal transportation study shall address the requirements and level of service standards of the Transportation Element.

3. The applicant shall prepare and submit a market study to demonstrate market demand and economic potential for a proposed Neighborhood Commercial area. The market study should include data and analysis concerning the existing, planned and approved supply of commercial property within the market area, occupancy patterns and trends, the demand for commercial uses allowed under the Neighborhood Commercial designation and the demand for the commercial uses specifically proposed.

4. The City may consider the following qualitative factors when reviewing proposed Neighborhood Commercial areas:

   (a) Whether existing vacant Neighborhood Commercial land in the market area can accommodate the size, shape, location, visibility, and access requirements of the proposed uses.

   (b) Whether opportunities are available to redevelop existing Neighborhood Commercial land within the market area.

   (c) Whether the proposed designation will encourage reinvestment in deteriorating or underutilized area, protect property values, discourage the proliferation of low intensity strip commercial uses and promote infill development.

E. At the discretion of the Planning and Zoning Administrator applicant submitted transportation or market studies may be waived for small scale future land use map amendments.

F. Annexed lands at the time of the initial City land use designation shall be exempt from the above study requirements provided the lands proposed for Neighborhood Commercial designation maintained a Brevard County Neighborhood Commercial future land use designation and no net increase in density or intensity will occur as a result of the City future land use designation. Notwithstanding the exemption from the above requirement any future land use map amendment is still subject to the requirements of Chapter 163 Part II Florida Statutes (F.S.). ~~and Rule 9J-5 Florida Administrative Code.~~

G. For the purposes of analyzing public facilities impacts of proposed Future Land Use Map amendments, a mix of 85% non-residential and 15% residential land area split shall be utilized.

Policy 1.1.2.9: **Commercial (COMM).** Commercial areas are intended to be areas that serve several neighborhoods, sub-regional and regional areas and provide an array of retail, personal and professional uses. The following criteria shall be used for determining appropriate locations for commercial land use designations on the future land use map.

A. Commercial areas shall have direct access from a four-lane collector or two-lane arterial.

B. New commercial uses shall be discouraged from linear development and shall be encouraged to develop in clusters, with coordinated parking facilities, and with frontage roads where practical.

C. Maximum Floor Area Ratio (FAR): 1.0. Within the Cocoa Redevelopment Area, the maximum FAR shall be 2.0. A density bonus of up to an additional 2.5 FAR shall be allowable within the Central Business District outside the Cocoa Village Overlay.

D. The following factors shall be considered when designating new commercial areas or expanding existing commercial areas.

1. *Land Use Compatibility Study.* The applicant shall analyze and consider the potential impact of a proposed Commercial area or Commercial area expansion on the character of the surrounding uses, neighborhoods and natural environment.

2. *Transportation Study*. The applicant shall prepare and submit a study demonstrating that the transportation systems affected by the proposed Commercial areas have sufficient current and projected capacity to the handle the travel demand generated by the increased intensity. Additionally, transportation studies shall address the requirements and level of service standards of the Transportation Element.

3. *Market Study*. The applicant shall prepare and submit a market study to demonstrate market demand and economic potential for a proposed Commercial area. The market study should include data and analysis concerning the existing, planned and approved supply of commercial property within the market area, occupancy patterns and trends, the demand for commercial uses allowed under the Commercial designation and the demand for the commercial uses specifically proposed.

4. The City may also consider the following qualitative factors when reviewing proposed Commercial areas:

   (a) Whether existing vacant Commercial land in the market area can accommodate the size, shape, location, visibility, and access requirements of the proposed uses.

   (b) Whether the proposed use is dependent upon proximity to another specific use.

   (c) Whether opportunities are available to redevelop existing Commercial land within the market area.

   (d) Whether opportunities are available to assemble multiple parcels of existing Commercial land under separate ownership.

   (e) Whether the proposed designation will encourage reinvestment in deteriorating or underutilized area, protect property values, discourage the proliferation of low intensity strip commercial uses and promote infill development.

E. At the discretion of the Planning and Zoning Administrator applicant submitted transportation or market studies may be waived for small scale future land use map amendments.

F. Annexed lands at the time of the initial City land use designation shall be exempt from the above study requirements provided the lands proposed for Commercial

designation maintained a Brevard County Community Commercial future land use designation and no net increase in density or intensity will occur as a result of the City future land use designation. Notwithstanding the exemption from the above requirement any future land use map amendment is still subject to the requirements of Chapter 163 Part II F.S. ~~and Rule 9J-5 Florida Administrative Code.~~

Policy 1.1.2.10: **Industrial (IND).** Industrial areas shall be regarded as appropriate for activities associated with industrial development, which can include materials processing, materials assembly, product manufacturing, and storage of finished products. Uses can include manufacturing facilities, warehouse distribution centers and truck terminals. The following criteria shall be used for determining appropriate locations for industrial land use designations on the future land use map.

A. Industrial areas shall also serve as an area to locate businesses with principal uses and activities which could have adverse secondary effects (i.e., increase crime; neighborhood deterioration and blight; property devaluation; economic deterioration; and health risks) on residential areas, religious establishments, schools, parks, or day care centers located within the City; including, but not limited to adult entertainment establishments.

B. Commercial and office uses that are complementary to and support industrial development and operations may be permitted within industrial designated areas.

C. Future industrial areas should be planned with extensive landscaping, and coordinated parking. Industrial areas shall have immediate access to a two-lane collector and/or two-lane arterial.

D. Industrial development shall be designed to minimize the negative impacts on lower intensity land uses through such means as, for example, landscaping and appropriate transitional uses including low scale professional offices or medium density residential development.

Policy 1.1.2.11: **Institutional (INST).** The Institutional land use category is intended to accommodate existing and planned public and semi-public services including: governmental buildings; public schools and educational institutions; hospital facilities and supportive health care units; arts and cultural or civic facilities; essential public services and facilities; cemeteries; fire and emergency operation facilities; utilities; extensive open areas comprising major committed public and semi-public open spaces, and other similar activities. The following criteria

shall be used for determining appropriate locations for institutional land use designations on the future land use map.

A. Public, semi-public and institutional uses shall also be allowed within other land use categories as support uses and as provided for in the zoning regulations.

B. The City shall monitor the need for increased land area for public/institutional uses and shall assure that this land use category on the FLUM is expanded to accommodate the development of public and semi-public facilities (such as governmental buildings; fire, police and rescue services; educational institutions and similar public uses), and facilities that are generator of private sector activities (such as civic centers, museums and arena).

Policy 1.1.2.12: **Open Space/Recreational (OS-REC)**. The open space/recreational land use category is intended to accommodate existing and planned public and private parks and recreation areas and extensive open space areas such as the golf courses; and similar uses. The following criteria shall be used for determining appropriate locations for open space/recreation land use designations on the future land use map.

A. Except as required for other public purposes, publicly owned land identified as open space/recreational on the Future Land Use Map will only be used for park, recreational, and ancillary uses.

B. In designating open space recreational areas, the City will assure consistency with policies provided in the Recreation and Open Space Element.

C. Through the development review process and Capital Improvements Program, the City will attempt to link open space areas to residential areas by bikeways, sidewalks, or footpaths.

D. In developing open space and recreational areas, the City will minimize or eliminate the impact of active uses on sensitive environmental features to the maximum extent possible.

Policy 1.1.2.13: **Conservation (CONS).** The Conservation Future Land Use Category is intended to protect environmentally sensitive natural resource systems as defined in Chapter 163 Part II F.S. ~~. The conservation land use category identifies lands that are environmentally fragile natural resources for long term preservation as defined in §9J-5.003(28), FAC.~~ The following criteria shall be used for designating properties as Conservation on the Future Land Use Map.

A. Any Future Land Use Map amendment adopted after December 1, 2003 shall assign the Conservation Future Land

Use Category to wetlands within the area subject to amendment**.**

B. The boundaries of the Conservation Future Land Use category may be adjusted to be consistent with a wetland jurisdictional line determination by the SJRWMD without the need for a comprehensive plan amendment. In those areas initially presumed but later determined not to be classified as a wetland will take on the future land use category assigned to the upland portion of the development site.

C. At the time of development, wetlands within the Conservation Future Land Use category shall be encumbered by a perpetual conservation easement.

D. Allowable uses, intensities, and impacts within the Conservation Future Land Use category shall be in conformance with those uses, intensities, and impacts listed in the Conservation Element.

Objective 1.1.3: Public Utilities. The City shall maintain regulations to require the provision of sufficient land area for the siting of public facilities and utilities to support development, redevelopment, land use plan amendments and changes to the zoning of a site.

Policy 1.1.3.1: Prior to the issuance of a building permit, the City shall review the impacts of all development proposals on existing public facilities and services to ensure that service levels are not degraded below adopted level of service standards as adopted in this Comprehensive Plan.

Policy 1.1.3.2: The City shall continue to require dedication of land for roadways, stormwater management and utilities.

Policy 1.1.3.3: Require new development to provide necessary services and facilities or to pay a fair share of the cost of those services and facilities, through impact fees, special assessments, exactions, conveyance of land or easements, pro-rata agreements or in-kind professional services directly related to the associated impact.

Policy 1.1.3.4: The City shall encourage requests for voluntary annexation of all the enclaves and logical extensions of the existing City limits to efficiently use public facilities and services, to eliminate areas of jurisdictional problems, and to provide for sound growth and development of the City and surrounding area.

Policy 1.1.3.5: The City shall examine the utility of developing a Joint Planning Area agreement with Brevard County to address future development along the County/City interface.

Objective 1.1.4: Redevelopment. The City shall encourage redevelopment of areas that are exhibiting evidence of decline (i.e., disproportionate number of vacant, dilapidated

and/or substandard structures) through redevelopment programs and through maintaining land development regulations that contain standards and procedures to encourage redevelopment where desirable.

Policy 1.1.4.1: The City shall continue to promote vitality and redevelopment of the three community redevelopment areas established pursuant to Chapter 163, F.S.: Cocoa (Downtown) Redevelopment Area, Diamond Square Redevelopment Area and U.S. 1 Corridor Redevelopment Area.

Policy 1.1.4.2: The highest densities and intensities of use in the Cocoa Redevelopment Area are in the Central Business District (CBD), designated commercial areas to the northwest of the CBD, designated mixed-use along US 1 and SR 520, and designated high-density residential areas as shown on the Future Land Use Map. Development bonuses within the Cocoa (Downtown) Redevelopment Area are as follows:

A. Within the Cocoa (Downtown) Redevelopment Area, the maximum FAR shall be 2.0. A density bonus of up to an additional 2.5 FAR shall be allowable within the Central Business District outside the Cocoa Village Overlay sub-district.

B. Certain areas within the Cocoa (Downtown) Redevelopment Area may achieve up to an additional 25 units per acre.

Policy 1.1.4.3: The City shall redevelop the Central Business District as a viable business district while preserving the historic character of Cocoa Village and of adjacent historic resources, housing and residential neighborhoods, and with protecting natural resources.

Policy 1.1.4.4: The CBD overlaps with the Cocoa (Downtown) Redevelopment Area. The three redevelopment areas outside the CBD are intended to complement, and not compete, with the CBD.

Policy 1.1.4.5: The City shall protect and buffer residential areas in the Cocoa (Downtown) Redevelopment Area from uses of high density or intensity.

Policy 1.1.4.6: The City shall redevelop affordable housing in the Cocoa (Downtown) Redevelopment Area through rehabilitation programs and shall redevelop vacant lots for housing in residential areas by, for example, developing an affordable housing bonus program with the private sector.

Policy 1.1.4.7: The adopted Community Redevelopment Area plans shall be consistent with the City's Future Land Use Map.

Policy 1.1.4.8: The City shall continue to monitor and, as appropriate, conduct parking studies to examine the demand and availability of parking in the Cocoa (Downtown) Redevelopment Area.

Policy 1.1.4.9: On a continuing basis, the City shall review and update, as necessary, the Redevelopment Area Plans.

Policy 1.1.4.10: The City will encourage infill development and redevelopment in blighted areas or areas in transition, and encourage new housing development in appropriate areas where community services exist or are programmed to occur.

Policy 1.1.4.11: The City shall encourage the public to identify established neighborhoods in need of revitalization and develop neighborhood plans with resident participation to establish steps to clean up, reuse, infill and redevelop as needed.

Policy 1.1.4.12: The City shall coordinate redevelopment issues with the private sector to promote mobilization of public and private resources necessary to effectively carry out redevelopment efforts.

Objective 1.1.5: Neighborhood Protection. The City shall ensure that additional growth and development will be respectful of established neighborhoods that define much of the City's character.

Policy 1.1.5.1: More intense development such as commercial, mixed-use and industrial uses shall be designed to minimize the negative impacts on lower intensity land uses through such means as, for example, landscaping and appropriate transitional uses including low-scale professional offices or medium density residential development. In the absence of transitional land uses, potential adverse impacts to surrounding residential should be mitigated through the use of:

A. Buffer areas that will provide a separation between commercial and single-family residential structures;

B. Landscaping and/or trees separating the commercial and residential land use; and

C. Walls and/or opaque vegetative screens separating the commercial and single-family residential land use.

Policy 1.1.5.2: The City shall consider developing neighborhood plans, as needed, to either strengthen preservation of established neighborhoods or encourage redevelopment of transitional neighborhoods.

Policy 1.1.5.3: The City's land development regulations shall maintain appropriate standards and nuisance regulations to limit the impact of more intense development on established residential zones.

Objective 1.1.6: Historic and Archeological Resources. All development activities undertaken in the City will be consistent with and supportive of the plan's goals, objectives, and policies for protecting historic and archeological resources.

Policy 1.1.6.1: The City shall undertake the necessary steps to identify its historical and archeological resources and create a local register of historic places. The local register will list all the properties within the City that have been designated as an individual historic resource or historic districts.

Policy 1.1.6.2: The City shall consider creating design regulations to protect the locally designated historic sites and districts.

Policy 1.1.6.3: ~~By 2012, the~~The City shall consider a historic preservation ordinance to protect significant historic, cultural and archaeological resources.

Policy 1.1.6.4: Nominations may, with the owner's consent, be made to the National Historic Registers based upon the periodic review of properties.

Policy 1.1.6.5: The City shall facilitate the education of the public regarding the significance and historic values associated with the City's architectural, historical, geological, and archaeological resources, and the costs associated with the loss of such resources.

Policy 1.1.6.6: The City shall give consideration to the establishment of an historic zoning district.

Policy 1.1.6.7: The City shall establish a program for public, private, or public and private purchase, within funding capabilities, of development rights to preserve properties identified as historically significant at local or national levels.

Policy 1.1.6.8: The City shall adopt land development regulations that include a requirement for development plans in any areas of the City to identify potential historic resources, to mitigate adverse impacts of development on potentially significant historic resources and to minimize any adverse impacts of development on sites or structures identified as historically significant, except when demolition is required because neither rehabilitation nor relocation is practical.

Policy 1.1.6.9: The City shall look for funding, including grants, to update and expand the 1991 "Historic Buildings of Cocoa" survey.

Policy 1.1.6.10: The location and density of new residential development shall be compatible with historic and natural resources.

Objective 1.1.7: Natural Resources. Natural resources, environmental lands and coastal resources shall be protected through identification, classification, planning and management, and limitations on use consistent with the degree of protection required.

Policy 1.1.7.1: The City shall protect and conserve its wetlands and wetland functions through the implementation of the Conservation Element.

Policy 1.1.7.2: The City shall regulate land use and development to protect water resources and the functions of natural drainage through limiting the percent of impervious coverage for development sites consistent with the Impervious Surface Ratios (ISR) contained in Figure FLU-1 and the Stormwater Management Element.

Policy 1.1.7.3: The City shall include regulations in its land development code that ensure consideration of topography and soil types in the review of proposed development projects to ensure minimal impact on the environment.

Policy 1.1.7.4: Flood plains and floodways shall be identified during the development review process and development shall be limited consistent with FEMA requirements.

Objective 1.1.8: Coastal Planning Areas. The City shall ensure the protection of coastal resources such as marine wildlife, wetland areas, shoreline vegetation and water quality.

Policy 1.1.8.1: Proposed land use plan amendments shall be coordinated with the Brevard local mitigation strategy and the regional hurricane evacuation study.

Policy 1.1.8.2: Population densities in the Coastal High Hazard Areas (CHHA) shall be coordinated with the East Central Florida Regional Planning Council Hurricane Evacuation Study, as updated from time to time.

Policy 1.1.8.3: The City shall implement the applicable recommendations of the Brevard Local Mitigation Strategy as practical and feasible.

Policy 1.1.8.4: The City shall coordinate proposed land use plan amendments with the Indian River Lagoon Comprehensive Conservation & Management Plan and the Brevard County Manatee Protection Plan.

Policy 1.1.8.5: Construction of new marinas or improvements to the existing marinas shall be consistent with criteria listed in the Coastal Management Element.

Objective 1.1.9: Sustainability/Energy Efficiency. The City shall aim at achieving a sustainable/energy efficient environment by minimizing the emission of greenhouse gases and reducing the vehicle miles traveled.

Policy 1.1.9.1: The City shall encourage the development community to obtain green certifications under the United States Green Building Council, Florida Green Building Coalition, Florida Yards and Neighborhoods

Program, Energy Star and Florida Water Star™ programs by providing incentives that make these certifications advantageous.

Policy 1.1.9.2: The City shall promote walking, bicycle riding and use of public transit by requiring compact design, shared facilities between adjacent or nearby uses, and providing for interconnected walkways, bicycle ways and parking, and bus stops as part of development approvals, where applicable.

Policy 1.1.9.3: The City shall continue to utilize and enhance bicycle parking standards, including quantity and location of bike racks, to help reduce parking demand and encourage the use of alternative transportation modes.

Policy 1.1.9.4: The City will support, as applicable, incentives and programs by State and federal governments to promote energy efficiency and conservation and the use of solar and other clean alternative energy sources. The City will also consider the provisions of incentives to support developers interested in building green projects.

Policy 1.1.9.5: The City will promote education of City Staff and public awareness in energy conservation practices and promote green certifications.

Policy 1.1.9.6: The City will support, as applicable, intergovernmental programs with adjacent jurisdictions to promote energy conservation and education.

Objective 1.1.10: Plan Implementation. The City shall maintain, amend and develop land development regulations that guide future growth and development, discourage the proliferation of urban sprawl and implement the goals, objectives and policies of this comprehensive plan.

Policy 1.1.10.1: The City shall maintain land development regulations as required by F.S. that shall contain specific and detailed provisions required to implement the Comprehensive Plan.

Policy 1.1.10.2: Future development and redevelopment activities shall be directed toward appropriate areas considering the topography, soil conditions and availability of facilities and services, and consistent with sound planning principles, minimal natural constraints, and the goals, objectives, and policies provided in the Comprehensive Plan.

Policy 1.1.10.3: Innovative land use development patterns, including PUDs and Cluster Zoning shall be permitted and encouraged in appropriate areas, as defined in the land development regulations.

Policy 1.1.10.4: The City may permit non-residential uses (e.g., schools, churches, recreational facilities, and other public uses) in residential areas where such uses are compatible with residential uses.

Policy 1.1.10.5: The City intends for future elementary and middle schools to be sited as closely to urban residential areas as practical, preferably within walking and/or bicycle distance of the primary residential areas to be served.

Policy 1.1.10.6: The City shall encourage the co-location of public facilities, such as parks, libraries, and community centers, with schools, to the maximum extent feasible.

Policy 1.1.10.7: Existing land uses which are incompatible or inconsistent with the City's Future Land Use Map will continue to be identified and addressed.

Policy 1.1.10.8: Within three years after the adoption of the comprehensive plan update, the City shall have eliminated all inconsistencies between the Official Zoning Map and the Future Land Use Map.

Policy 1.1.10.9: The City shall consider conducting a survey to identity the incompatible uses in the CRAs and major commercial corridors.

Policy 1.1.10.10: The City shall review the non-conforming section of the land development code to ensure its effectiveness.

~~**Policy 1.1.10.10:**~~**Policy 1.1.10.11:** Land development regulations must be made consistent with updates to the comprehensive plan within one year of the plan amendment submittal, as required by F.S.

GOAL 1.2: The City of Cocoa shall place a strong emphasis on requiring quality integrated mixed-use development to improve the appearance of the City, increase property values and achieve a higher quality of life for its businesses, residents and visitors.

Objective 1.2.1: Smart Growth Principles. New development in the City shall incorporate "Smart Growth" principles that will lead to compact development standards as opposed to conventional development standards that encourage urban sprawl.

Policy 1.2.1.1: The City should encourage public-private partnership to develop mixed-use projects at key-locations in the Central Business District, and entice others to do the same.

Policy 1.2.1.2: Development in the Mixed-Use land use category shall provide pedestrian-friendly street design (examples: buildings close to street; providing porches, windows and doors oriented to the street; tree-lined streets; hidden parking lots; garages in rear; narrow, slow-speed streets).

Policy 1.2.1.3: The City shall consider development incentives to encourage developers to revitalize/redevelop abandoned strip malls and commercial sites by converting them into mixed-use developments.

Policy 1.2.1.4: The City shall adopt a pedestrian routes and bike trails master plan. The plan may identify primary and secondary pedestrian routes and bike routes that will connect neighborhoods to parks, downtown and other major destinations in the City.

Policy 1.2.1.5: The City shall increase coordination with SCAT to integrate bike routes and public transit in the City, to increase the transit safety and to expand the transit service routes.

Policy 1.2.1.6: New development, as well as infill development shall provide interconnected street grid networks, where feasible, to disperse traffic and encourage walkability. Developments may include a hierarchy of narrow streets, boulevards and alleys; high-quality pedestrian networks; designs that encourage a greater use of bicycles, rollerblades, scooters and walking as daily transportation; connectivity to public transit; and a land use mix that demonstrates reduced external trips by encouraging internal trips.

Policy 1.2.1.7: Developments that require site plan review and approval shall be evaluated on the use of site and building design that emphasizes beauty, aesthetics, human comfort, creating a sense of place, special placement of civic uses and sites and human-scale architecture and amenities, especially at street level.

Policy 1.2.1.8: Building height and intensification should follow a transect approach, with maximum intensities and heights (>80') allowed in the central business disitirct, medium intensities and heights (40' to 80') allowed within the mixed-use district, and the lowest intensities and heights (<40') allowed when transitioning into established low-density neighborhoods.

Objective 1.2.2: Image and Identity. The City shall ~~establish a~~maintain and update its vision for the City's urban form as needed ~~by 2012.~~.

~~**Policy 1.2.2.1:** By 2012, the City shall update the Vision Plan to clarify and redefine the vision for the City.~~

~~**Policy 1.2.2.2:**~~**Policy 1.2.2.1:** The City shall examine the feasibility of establishing form-based design guidelines for City-wide as well as for specific areas in the City including CRAs, major corridors and waterfront. The standards could include streetscape standards, building signage, architectural styles and gateway designs to highlight the entrances to the City.

~~**Policy 1.2.2.3:**~~**Policy 1.2.2.2:** The City shall develop residential and commercial design standards to ensure attractive, compatible, safe, high-quality development and to encourage Crime Prevention Through

Environmental Design (CPTED) principles in order to increase the safety of commercial and residential development.

~~Policy 1.2.2.4:~~Policy 1.2.2.3: The City shall evaluate the need to amend the Land Development Code to incorporate CPTED principles for residential and commercial developments.

GOAL 1.3: The City of Cocoa shall enhance the quality of life and prosperity of its citizens through the retention and creation of a wide range of profitable business opportunities and jobs.

Objective 1.3.1: Economic Base Enhancement. The City of Cocoa shall seek to establish and maintain a stable and growing economic base through strategic incentive programs and diversification of the economy.

Policy 1.3.1.1: The City will establish a list of the types of businesses it should target to diversify the economy, which shall be known as "target businesses." Efforts to assist the retention and expansion of local business and attract new enterprises shall be concentrated on industry clusters which will make the greatest contribution to job growth and wealth creation.

Policy 1.3.1.2: The City shall recruit targeted business sectors to diversify the economy through an aggressive strategic marketing program, including utilization of publications and a website, providing information and matching sites and services to prospective businesses, impact fee subsidies and other incentives.

Policy 1.3.1.3: The City shall continue to assist developers of new and renovated commercial development by providing technical and administrative support regarding permitting and regulations to maintain a production capacity level sufficient to meet the demand. Technical assistance may include, but not be limited to the following:

- Continue to foster partnerships with private and non-profit sector business groups that can help a business relocate,
- Provide assistance in how to meet the development review requirements of the City and other regulatory agencies; and
- A shortened review process for qualified businesses.

Policy 1.3.1.4: The City shall work to improve the efficiency and convenience of its development review services to its business customers.

Policy 1.3.1.5: The City shall provide referral services to appropriate agencies for information and assistance to prospective and growing businesses in meeting zoning and infrastructure standards as well as requirements imposed by various government agencies.

Policy 1.3.1.6: The City will target businesses with incentive packages and programs including Florida Enterprise Zones, Small Business Assistance programs, Community Façade Programs, HUB Zones, Tax Abatement programs, Brownfield Redevelopment program and Foreign Trade Zone.

Policy 1.3.1.7: The City shall consider adding to the stock of available commercially, recreational and industrially zoned lands as when supply and demand begin to dictate need for more land.

Policy 1.3.1.8: The City shall maintain an office of Economic Development to coordinate between agencies, to develop economic development programs, to retain existing businesses and to actively recruit "target businesses" to the City.

Policy 1.3.1.9: To involve community stakeholder, the City should consider creating an Economic Development Advisory Board consisting of local community and leaders.

Policy 1.3.1.10: The City shall continue efforts to promote business/convention tourism, ecotourism, and sports related tourism in cooperation with the Brevard County Tourist Development Council**.**

Policy 1.3.1.11: The City of Cocoa shall coordinate its economic development programs with other agencies, such as the Economic Development Commission of Florida's Space Coast to expand opportunities.

Objective 1.3.2: Maintain Infrastructure. The City shall maintain adequate infrastructure for encouraging economic activities in the industrial and commercial sectors.

Policy 1.3.2.1: To the extent financially feasible, the City shall continue providing adequate supporting infrastructure (i.e. paved streets, sanitary sewer, drainage, potable water, etc.) in strategic locations throughout the City to appropriately entice economic development.

Objective 1.3.3: Workforce/Wage Enhancement: The City shall improve the quality of life and employability of its citizens by promoting and attracting high technology industries, and higher education opportunities.

Policy 1.3.3.1: To improve the training and education of its work force, the City of Cocoa shall coordinate with the Brevard County Public Schools, Brevard Community College, Webster University and the University of Central Florida.

Policy 1.3.3.2: The City shall work with other government agencies and businesses to match education opportunities to educational and employment needs.

CITY OF COCOA
COMPREHENSIVE PLAN

FUTURE LAND USE ELEMENT

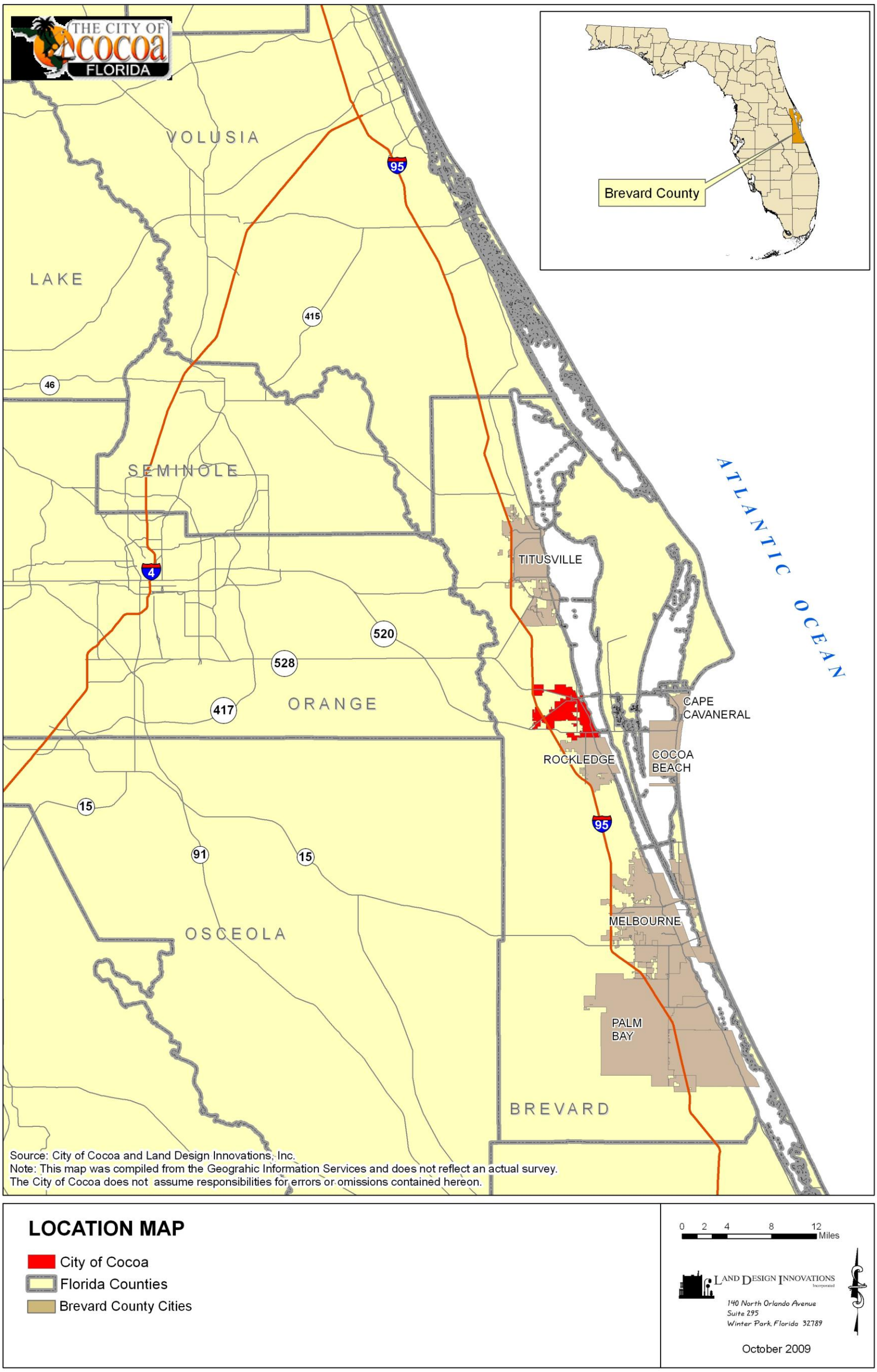
Maps

September 2019

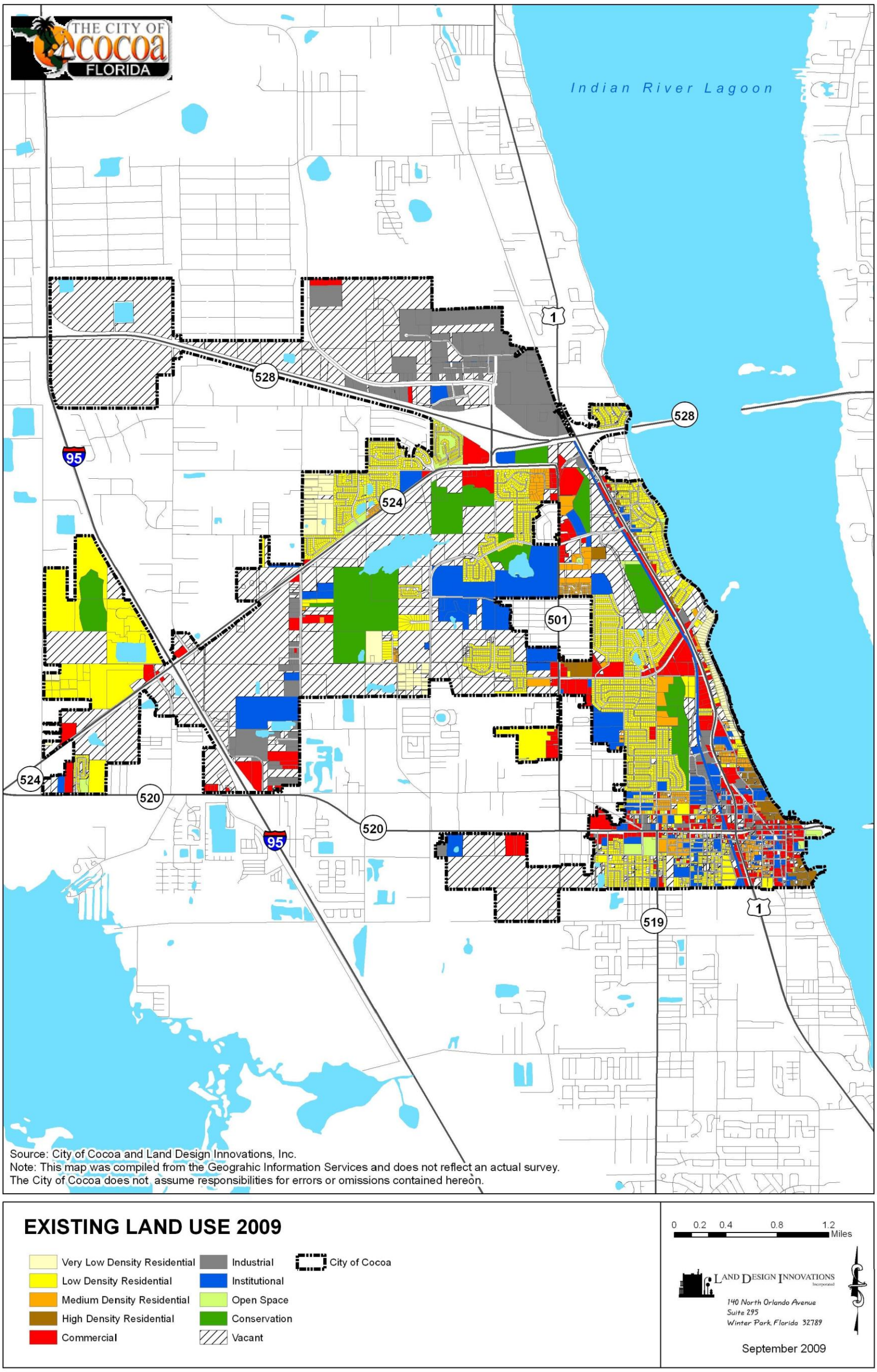
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Map M-I-9: Enterprise Zones and Special Economic Development Districts
Map M-I-10: Energy Conservation Areas Map

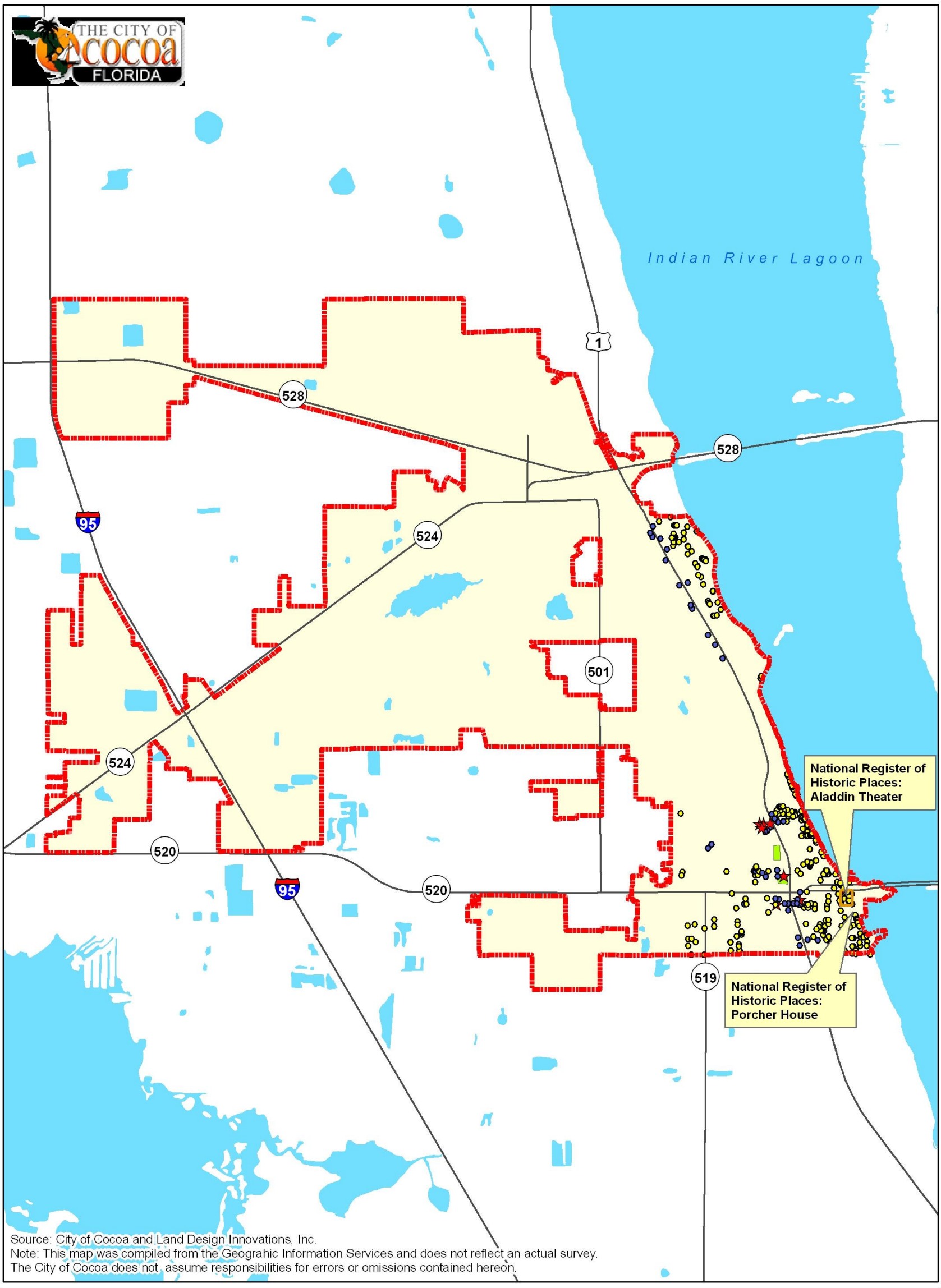
Map M-I-1: Location Map



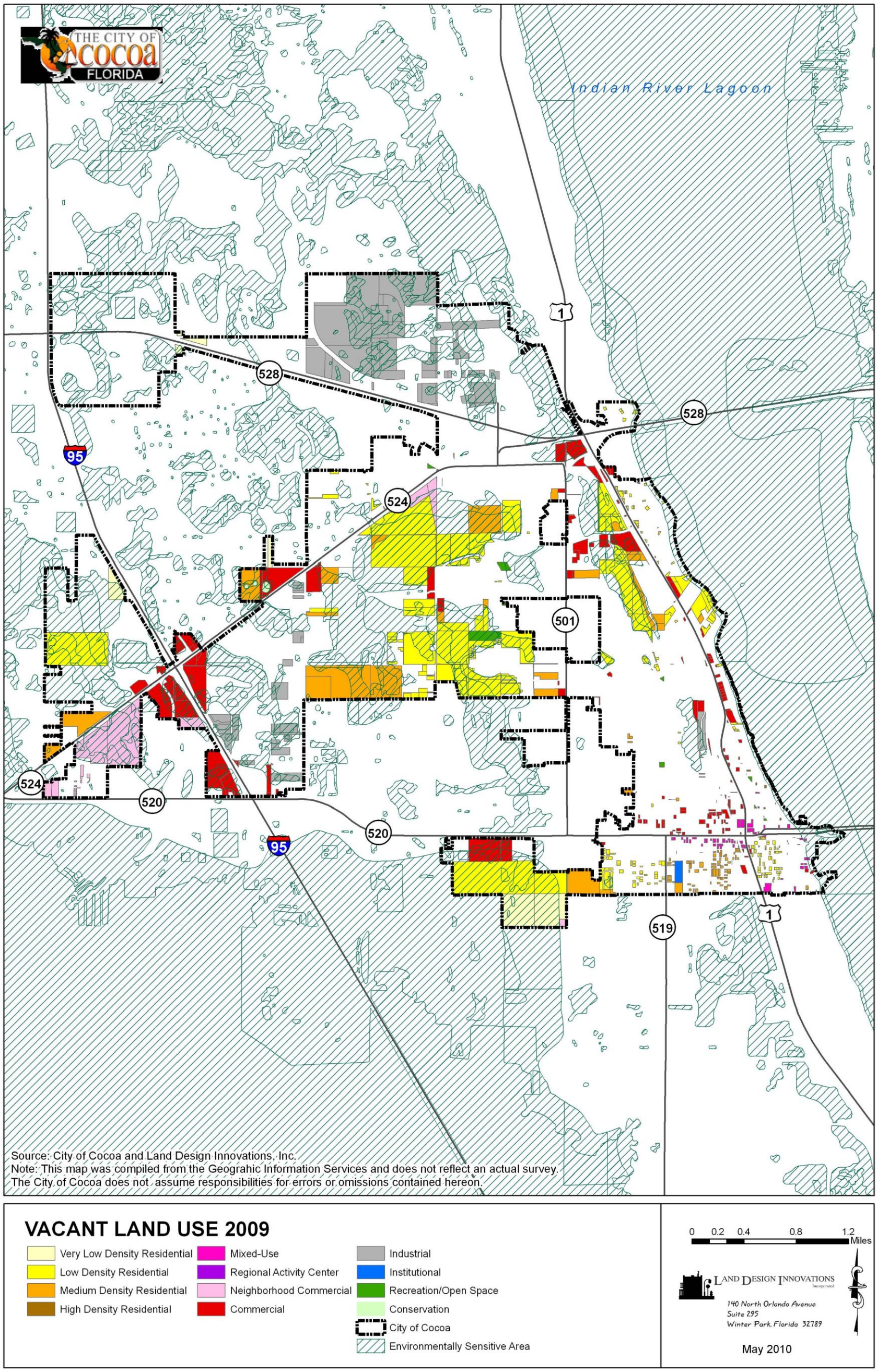
Map M-I-2: Existing Land Use Map



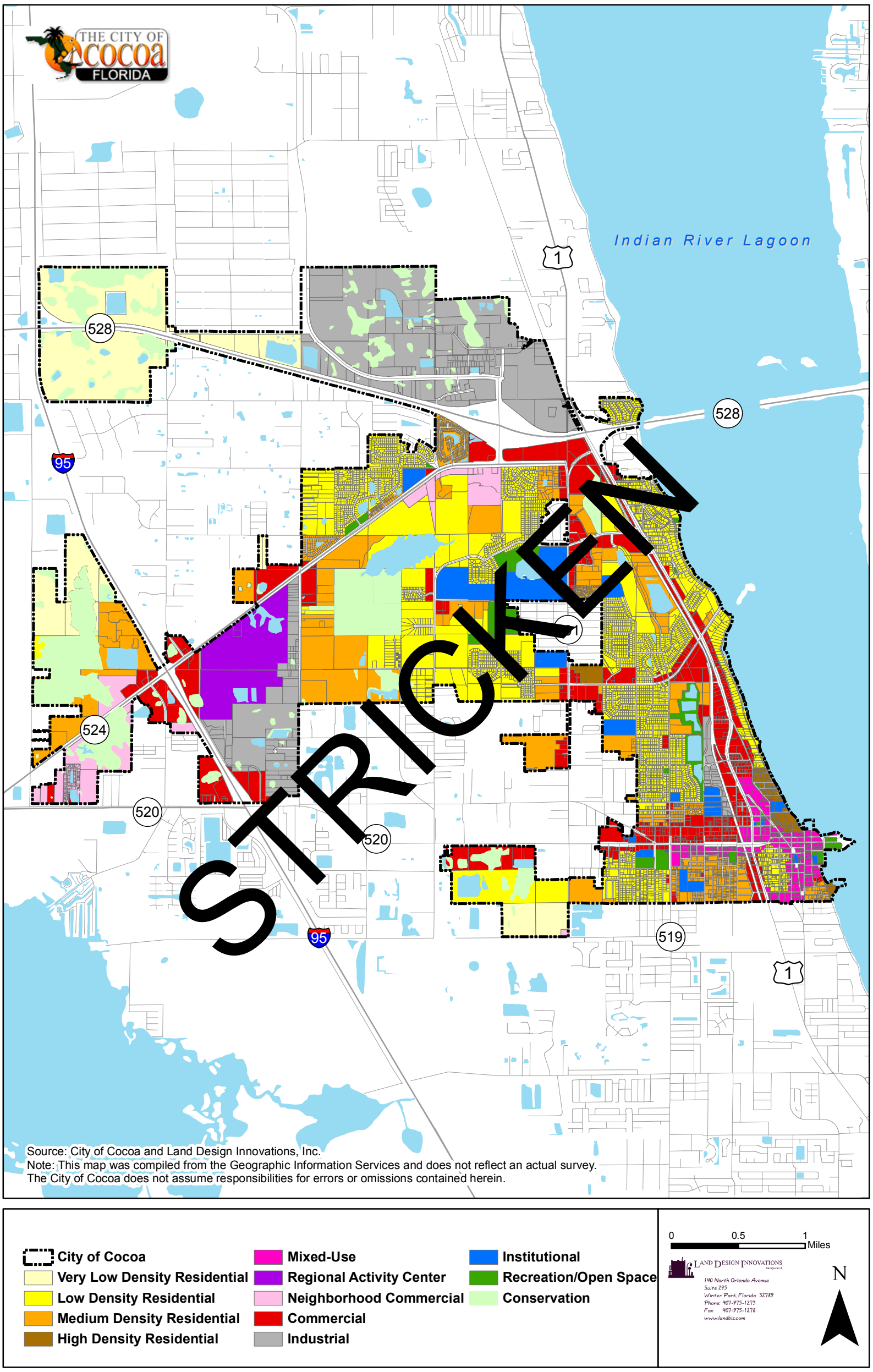
Map M-I-3: Historical Resources



Map M-I-6: Vacant Land by Future Land Use Category



Map M-I-7: Future Land Use Map



Future Land Use Map

COCOA FLORIDA

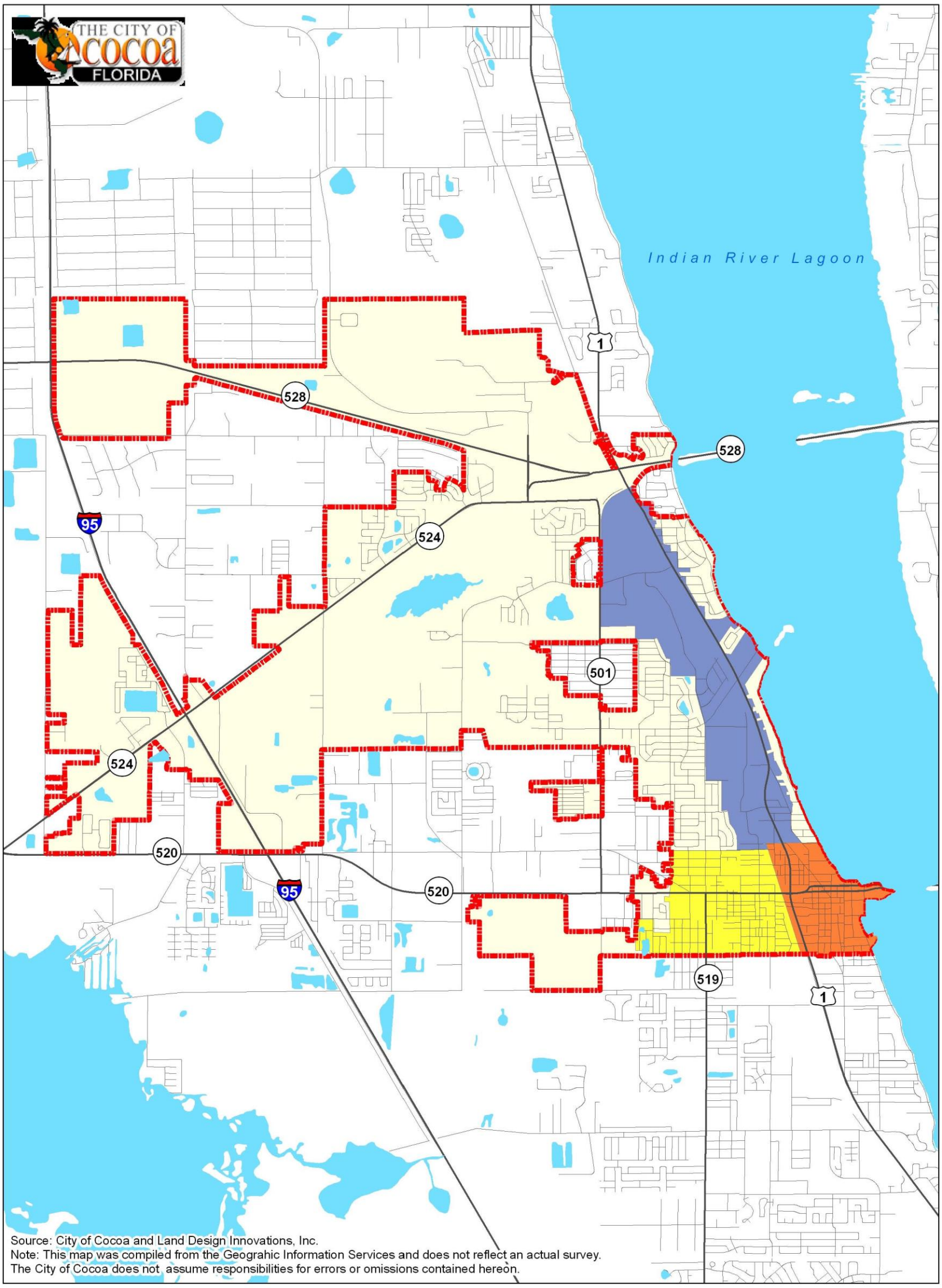
- Cocoa City Limits
- Very Low Density Residential
- Low Density Residential
- Medium Density Residential
- High Density Residential
- Mixed Use
- Regional Activity Center
- Neighborhood Commercial
- Commercial
- Industrial
- Institutional
- Recreation/Open Space
- Conservation

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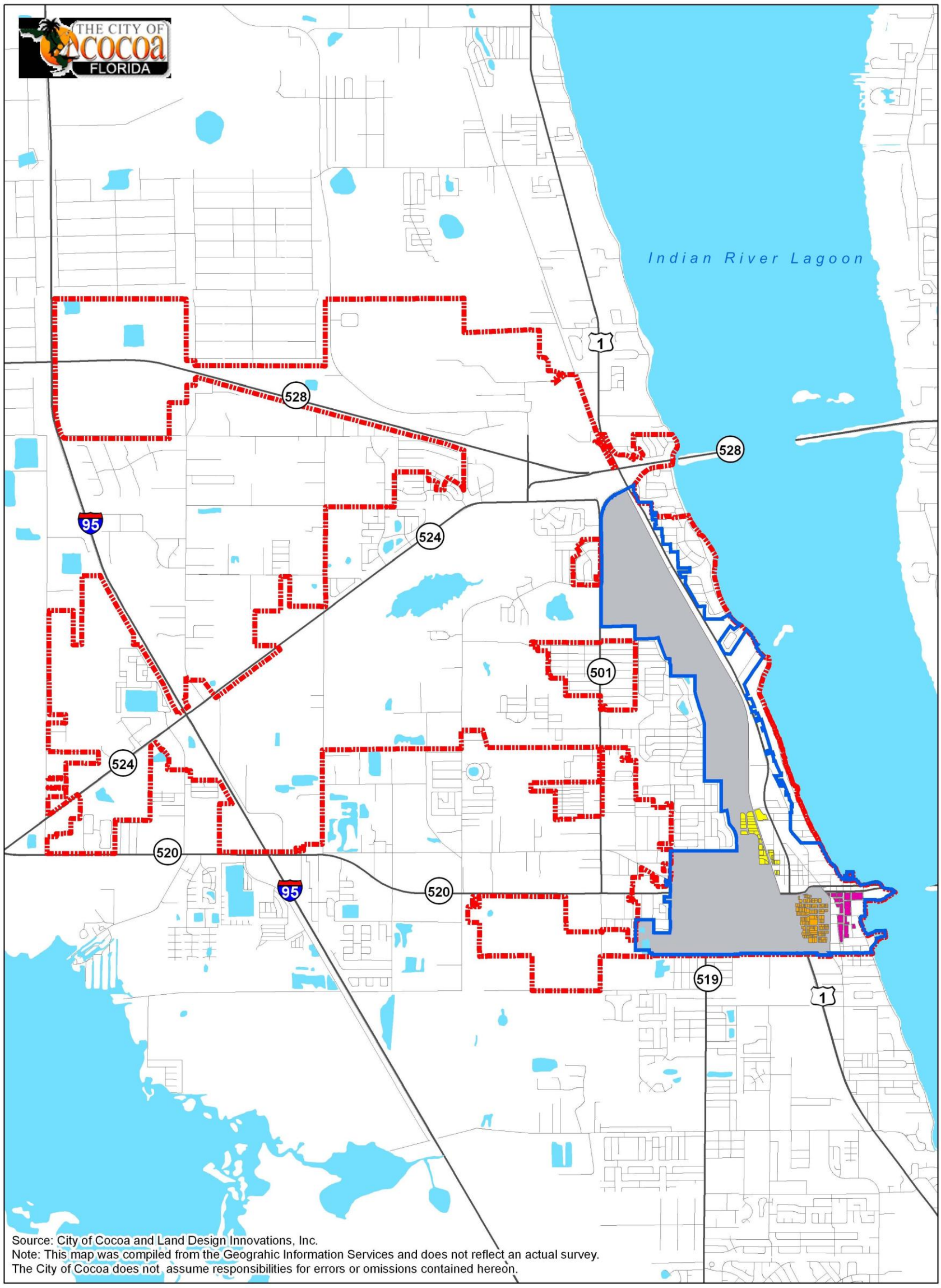
This map was compiled from the Geographic Information Services and does not reflect an actual survey. It is intended for reference purposes only. © 2019

Map M-I-7

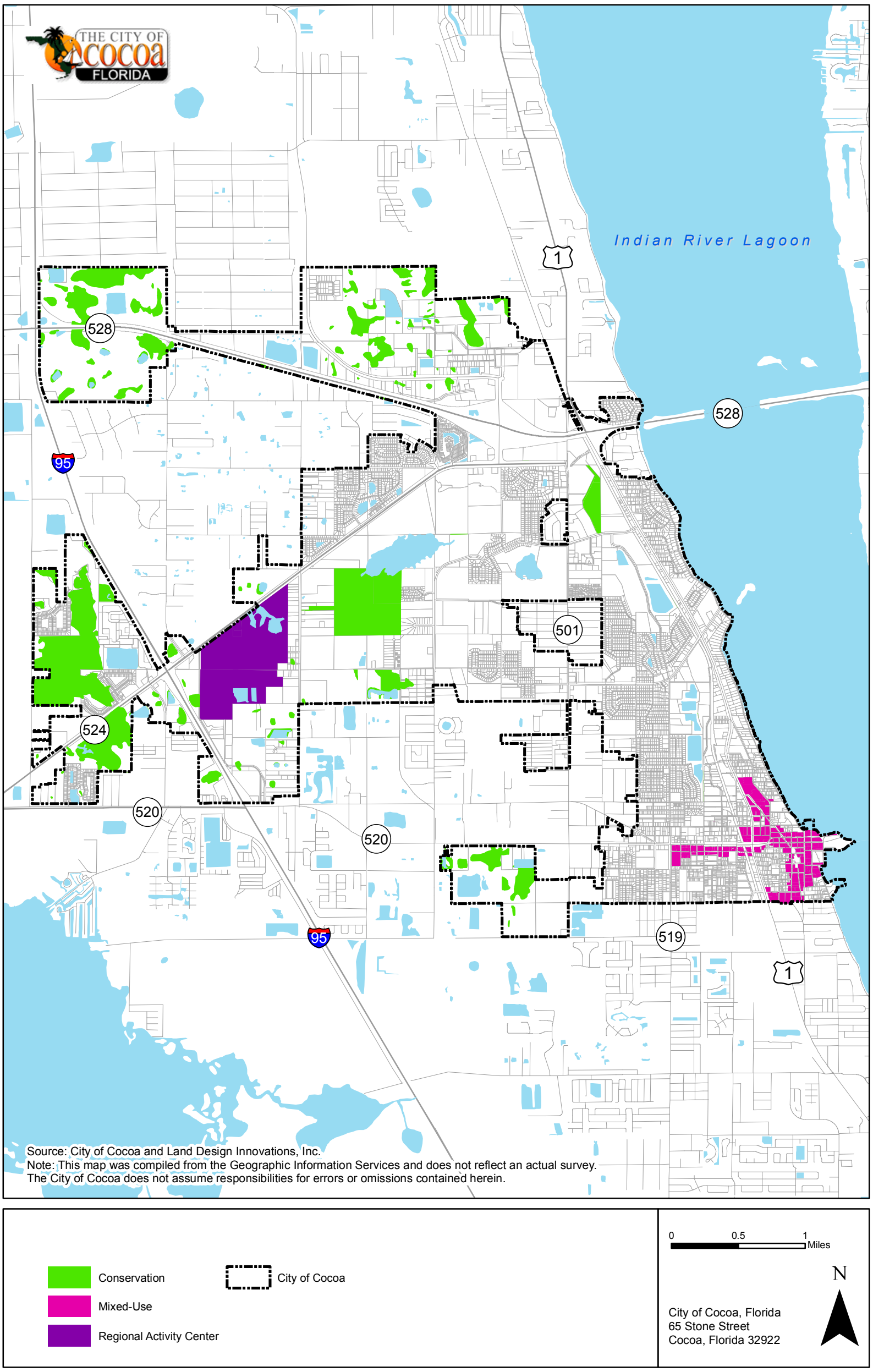
Map M-I-8: Community Redevelopment Areas



Map M-I-9: Enterprise Zones and Special Economic Development Districts



Map M-I-10: Energy Conservation Areas Map



II - TRANSPORTATION ELEMENT

Serving the Community

GOAL 2.1: The City shall provide a safe, efficient, and comprehensive multi-modal transportation system available to all residents of and visitors to the City of Cocoa. When possible, these facilities should be developed so as to enhance the City's greenways.

Objective 2.1.1: Functionality. The City shall maximize existing roadway functionality through alternate modes of transportation.

Policy 2.1.1.1: The City shall maintain for the purpose of issuing building permits and development orders the following list of major roadway facilities:

City of Cocoa Jurisdiction		**Minimum LOS**
Forrest Avenue		E
Cox Road (within city limits)		E
Fiske Boulevard (from SR 520 to Dixon Boulevard)		E
Indian River Drive (C.R. 515)		E
Peachtree Street (from Clearlake Road to U.S. 1/S.R. 5)		E
Florida Avenue (within city limits)		E
Other or Multi-Jurisdictional	**Jurisdiction**	**Minimum LOS**
Pineda Street (from Lake Drive to SR 501)	City/County	E
Michigan Boulevard	County	E
Dixon Boulevard	County	E
Range Road	County	E
Rosetine Street	County	E
Adamson Road (SR 524 to Pine)	County	D
Friday Road (SR 524 to SR 520)	County	E
Grissom Parkway (Industry to Canaveral Groves)	County	E
Industry Road (SR 524 to Grissom Pwky)	County	E
SR 528 (Beachline Expressway)	State	D
SR 520 (from Clearlake Road to U.S. 1/ S.R. 5)	State	D
SR 520 (from SR 524 to Burnett Rd)	State	D
SR 519 (Fiske Boulevard south of SR 520)	State	D
U.S. 1/S.R. 5 (from SR 528 to south of SR 520)	State	D
SR 524 (from SR 520 to SR 528)	State	D
SR 501 (Clearlake Road)	State	D
Interstate Highway 95 (I-95) (SR 519/Fiske Blvd to SR 520)	State	E
Interstate Highway 95 (I-95) (SR 520 to SR 524)	State	E
Interstate Highway 95 (I-95) (SR 524 to SR 528)	State	E

Policy 2.1.1.2: The City shall require that traffic signalization, roadway signage, roadway intersections and operational capacities are designed to optimize traffic flow and enhance the roadway network on City-controlled streets. The City shall carry out the following actions on local streets as necessary, and shall petition the county and state, as appropriate, for action on county and state roadways:

A. Traffic signals shall be computer-coordinated or fully actuated to affect optimal flow to the maximum extent possible;

B. Roadway signage shall conform to the Manual of Uniform Traffic Control Devices (MUTCD) and provide a safe, clear indication of roadway design geometry, traffic hazards, upcoming roadways, and other applicable standards;

C. Roadway intersection design shall include adequate storage lanes and turning lanes to facilitate movement through intersections;

D. Ordinances shall be reviewed and amended as necessary in order to require safe and convenient flow of on-site traffic. Parking for motorized and non-motorized vehicles shall be regulated ; and

E. Intersections shall be designed in accordance with appropriate access management and design manuals.

Objective 2.1.2: Transportation Concurrency. The City shall ensure that transportation facilities are available at the time of development.

Policy 2.1.2.1: Since 2009, the~~The~~ City has been ~~designated a "Dense Urban Land Area" (DULA) and is~~ exempt from state-mandated transportation concurrency. However, ~~T~~the City will~~shall~~ continue to monitor transportation as a matter of local law as addressed in this Comprehensive Plan.

Policy 2.1.2.2: As part of the Concurrency Management System, the City shall review proposed new developments for their impact on the roadway network.

Objective 2.1.3: Mobility Strategies. The City shall develop mobility strategies to reduce the dependency on vehicles, reduce vehicle miles traveled and enhance alternative modes of transportation.

Policy 2.1.3.1: The City shall develop transportation mobility strategies ~~by 2011~~ that ensure the improvement of alternate modes of transportation and ultimately reduce the dependency of the automobile and include, but are not limited to:

A. Providing a network of local streets, collectors and arterials to relieve traffic demand on state and federal highways, including development of parallel roadway facilities, grid street network and connectivity to disperse travel, and to provide convenient pedestrian and bicycle facilities;

B. Managing access and traffic operations to minimize traffic accidents, avoid traffic backups and make the most efficient use of highway capacity, including signal timing optimization, access management plans and strategies, transportation

systems management measures, and railroad grade crossing improvements;

C. Managing traffic demand, where feasible, to manage peak hour traffic loads on major arterials, including working with local employment centers to implement staggered work shifts and flex time programs, telecommuting, ridesharing and vanpool programs, compressed work weeks and parking management;

D. Providing alternative modes of transportation such as bicycle and pedestrian facilities, expanded transit service, park and ride facilities; and

E. Managing land use to limit vehicular demand on state and federal highways by encouraging compact land use and infill, transit oriented development, mixed use and higher density land use patterns.

Policy 2.1.3.2: ~~By 2012, the~~The City shall evaluate the use of mobility fees in lieu of transportation impact fees.

Objective 2.1.4: Proportionate Fair Share. The City shall require new development to bear the full burden of the cost of roadway improvements necessitated by impacts to the roadway network caused by traffic generated by said development through the adopted site approval process.

Policy 2.1.4.1: The City shall utilize the principle of equitable cost participation in the following manner as a guide in development approval decisions, including allocation of costs among private parties benefiting from or creating the need for transportation improvements:

A. New development shall be required to pay its fair share as a condition for development approval based on impact fees, special assessments or other local exaction methods.

B. Existing unmet needs shall be identified, to include an assessment of the need and estimated cost of fulfillment. Assessment shall occur on an annual basis preceding budget adoption.

C. Existing land uses and activities which benefit from better access shall be required to participate in the cost of the roadway improvement in the form of user fees or special assessments. New construction that is located on land improved with better access may be required to pay a pro-rata share of the cost.

D. Provisions shall be made in development orders to include the mitigation of adverse impacts on the state highway system.

Objective 2.1.5: Right-of-Way Preservation. The City shall formally identify right-of-way needs and a priority schedule for acquisition or reservation shall be maintained. Protection of existing right-of-way from building encroachment shall be assured.

Policy 2.1.5.1: The City shall require the dedication of rights-of-way and easements to support private development-related traffic and to maintain adequate levels of service on the roadway network. The developer shall bear the expense of the improvement through donation or dedication of rights-of-way to the extent legally permissible. The City may participate in the expense of the improvement only if the City determines that participation will significantly benefit the general public.

Policy 2.1.5.2: The City shall require that if the transfer of property is to be compensated by the entity building the roadway, the land value shall be assessed on the condition of the land prior to road improvements, not on an inflated value due to a new roadway being present.

Policy 2.1.5.3: The City shall reserve or pursue the purchase of right-of-way as far in the future as possible for planned roadway projects, so as to minimize excessive costs for land purchases and so that the locations and widths of these roads can be considered in ongoing transportation system planning and design activities.

Policy 2.1.5.4: The City shall initiate and coordinate the dedication of right-of-way necessary for roadway improvements identified in the TPO Plan or other officially recognized long-range plan with FDOT and Brevard County.

Policy 2.1.5.5: The City shall seek alternative funding sources for roadway improvements, including but not limited to, tax increment financing.

Objective 2.1.6: Pedestrian and Bicycle Facilities. The City shall ensure safe and adequate movement of pedestrians and bicyclists.

Policy 2.1.6.1: The City shall conduct pedestrian movement and safety studies to determine high travel patterns and accident areas, and remedial actions shall be taken by the City where feasible and practical to mitigate safety problems where conditions have been determined to be unacceptable.

Policy 2.1.6.2: For new development and redevelopment projects, the City shall require sidewalks to be provided where feasible and appropriate along all roadways in or near residential areas that lead to:

- recreation facilities;
- schools;

- commercial centers; and
- employment centers when the need for such facilities has been identified.

Policy 2.1.6.3: The City shall consider bicycle facilities as components of standard design criteria for new and reconstructed roadway facilities of regional significance, except for expressways and freeways, in urban areas pursuant to the requirements of Section 335.065, F.S.

Policy 2.1.6.4: The City shall continue to promote bicycle safety education and encourage local safety personnel to conduct periodic presentations as part of other safety programs.

Policy 2.1.6.5: The City shall assess high vehicle and bicycle/pedestrian conflict areas periodically and a program for lessening the propensity for conflicts shall be initiated.

Objective 2.1.7: Reduction of Greenhouse Gas Emissions. The City shall develop strategies through transportation decisions and planning to address the reduction of greenhouse gas emissions, energy conservation and energy-efficient design.

Policy 2.1.7.1: The City shall coordinate with SCAT to promote car-pooling opportunities for commuters with the same destination.

Policy 2.1.7.2: The City's land development regulations shall require new and infill development and redevelopment, when feasible, to provide interconnections and access to existing and planned multi-modal transportation facilities, including sidewalks and bicycling and transit facilities.

Policy 2.1.7.3: The City shall coordinate with Brevard County, the Space Coast TPO and adjacent municipalities to:

A. Initiate a marketing campaign to promote bicycle, pedestrian and other non-motorized transportation options.

B. Provide additional multi-modal transportation facilities, including sidewalks and bicycle paths/lanes and the expansion of transit service to include a circulator route in the City and vicinity if warranted by ridership and vehicular usage trends.

C. Upgrade existing and provide new transit facilities as warranted such as park and ride lots, bus stops, bus shelters and signage.

Policy 2.1.7.4: In order to discourage urban sprawl, encourage infill development, reduce greenhouse gases and congestion, the City shall evaluate several strategies for alternatives to transportation concurrency including, but not limited to a Transportation Concurrency

Management Area (TCMA), Multi-modal Transportation District (MTD) and Long Term Transportation Concurrency Management System (LTCMS).

Policy 2.1.7.5: The City shall include landscaping and streetscaping as roadway design components in order to enhance the aesthetic and safety of roadways for all users.

Policy 2.1.7.6: The City shall pursue grant opportunities for median landscaping and road beautification.

Objective 2.1.8: Transportation Facilities Improvement Coordination. The City shall continuously coordinate transportation improvement requirements with all other affected governmental entities to ensure that the efficient and cost-effective course of action is followed. Annual plan updates shall consider the FDOT 5-Year Transportation Plan, the Space Coast Transportation Planning Organization and the plans of neighboring jurisdictions.

Policy 2.1.8.1: The City shall continuously coordinate with local, TPO, regional and state plans to accomplish interlocal solutions to the transportation needs and problems of the City.

Policy 2.1.8.2: The City shall seek coordinating actions or interlocal agreements between local government entities for the purposes of addressing transportation impacts of a development project in one jurisdiction on an adjacent jurisdiction based upon actual traffic loadings contributed by the project, the development of the transportation elements of comprehensive plans (Section 163.3177, F.S.) and in ensuring that transportation planning and programming are part of the comprehensive planning process in the region.

Policy 2.1.8.3: The City shall conduct interagency coordination to determine and designate transportation corridors of major statewide or regional significance to develop strategies to provide for the orderly and systematic acquisition of rights-of-way located within the designated corridors and to develop transportation facilities and services within the corridors.

Policy 2.1.8.4: The City shall coordinate with FDOT and Brevard County to develop a road improvement program which will result in the modernization of state and county roads within the City by changing the design of these roads from the existing "rural section" with swales to an "urban section" with curbs, sidewalks and subsurface drainage.

Policy 2.1.8.5: The City shall continue to partner with property owners, the Space Coast TPO, Brevard County, the FDOT and other government

agencies to construct new transportation corridors to relieve arterial and collector road congestion.

Objective 2.1.9: Scenic Roadways Program. The City shall ~~retain the ability to designate certain roadways in the City as scenic when specific criteria are met. Said criteria shall be formulated and adopted by City Council for local and primary roadways by 2012.~~continue to support the Florida Scenic Highways and National Scenic Byways programs.

Policy 2.1.9.1: The City shall ~~establish a scenic roadway designation~~continue to utilize the scenic highways and byways programs for the purpose of protecting and maintaining the appearance and aesthetics of each scenic roadway.

Policy 2.1.9.2: The City shall ~~establish different minimum~~evaluate levels of service standards and standard roadway widths, rights-of-way and other roadway-related requirements on designated scenic roadways where the value, significance, or maintenance of the character and appearance of a scenic roadway outweighs the benefits of increasing vehicular capacity or other considerations.

Objective 2.1.10: Coordination with Future Land Use. The City shall coordinate transportation planning with the land uses shown on the Future Land Use Map, the FDOT 5-Year Transportation Plan, the Space Coast TPO Long Range Transportation Plan and plans of neighboring jurisdictions.

Policy 2.1.10.1: The City's Community Services Department shall review subsequent versions of the FDOT 5-Year Transportation Plan, in order to update or modify this element, if necessary.

Policy 2.1.10.2: The City shall review, for compatibility with this element, the transportation plans and programs of the unincorporated county and neighboring municipalities as they are amended in the future.

Policy 2.1.10.3: All proposed amendments to this Transportation Element shall include a statement of findings supporting such proposals.

Policy 2.1.10.4: As warranted, the City shall undertake a traffic study that will determine the origin and destination of traffic from outside the City in order to better account for who should bear the cost for future road improvements.

Objective 2.1.11: Access. Access to minor arterials, major arterials, expressway, and to a lesser extent, collectors, shall be limited in the following manner by the City, County and the Florida Department of Transportation in order to maximize their traffic-carrying capacity and safety.

Policy 2.1.11.1: The functional classification of each roadway segment being used as a basis for determining the number of access points allowed and types

and extent of traffic flow enhancement measures needed to maintain the capacity.

Policy 2.1.11.2: The issuance of access and connection permits to the roadway network shall be limited to the minimum number necessary to provide safe and reasonable access.

Policy 2.1.11.3: Deceleration lanes being required at all access points on collectors, minor arterials, major arterials, and expressways.

Policy 2.1.11.4: Shared access points being used wherever possible in order to minimize the necessity of one or more access points to adjacent small businesses.

Policy 2.1.11.5: The need for and feasibility of frontage roads being constructed along new or reconstructed major arterials and expressways to increase roadway capacity and to reduce conflicts between local and through traffic.

Policy 2.1.11.6: Access points to parcels with frontage along two or more roadways being located on the roadway of lower functional classification.

Objective 2.1.12: Public Transit. Public transit services shall be based on existing and proposed major trip generators and attractors, new subdivisions, and population growth.

Policy 2.1.12.1: The City shall conduct annual coordination meetings with the Space Coast Area Transit (SCAT) to identify new major trip generators and attractors, new subdivisions and population growth areas in order to establish new public transportation management solutions and routes.

Policy 2.1.12.2: The City shall encourage land uses which promote public transportation in public transportation corridors.

Policy 2.1.12.3: The City shall coordinate with Brevard County, Space Coast TPO, neighboring municipalities, and SCAT to determine needed public transit stops, terminals, maintenance, and improvements to serve the general population and identified special needs populations.

Policy 2.1.12.4: Service provision, including planned transit stop improvements and transit services, for the transportation disadvantaged shall be monitored, through the coordination with Brevard County, to ensure that this segment of the population has adequate mobility.

Policy 2.1.12.5: Transit should routinely be considered as an alternative to roadway widening and as a supplement to roadway improvement projects.

Policy 2.1.12.6: Land development regulations should be periodically reviewed to ensure that development allows and encourages accessibility to public transit.

Policy 2.1.12.7: The City shall consider establishing incentives to be offered to developers that provide access to public transit.

Policy 2.1.12.8: Transportation and mobility shall be monitored using measurable indicators including modal split, annual transit trips per capita, and automobile occupancy rates.

Objective 2.1.13: Alternate Routes to Intrastate System. The City shall establish strategies to facilitate local traffic to use alternatives to the Florida Intrastate System to protect its inter-regional intrastate functions.

Policy 2.1.13.1: New major collectors and arterials shall be constructed in such a manner to help alleviate traffic volumes on the intrastate system.

Policy 2.1.13.2: Synchronization of traffic signals shall occur on all existing major collectors and arterials to reduce the negative impacts of stop and go movements.

Policy 2.1.13.3: Intersectional improvements shall occur on all existing major collector and arterials where necessary to reduce the negative impacts of delayed turning movements.

Policy 2.1.13.4: The ongoing accident surveillance program shall continue to be maintained by the City's Police Department.

Objective 2.1.14: Intermodal Facilities. The City shall coordinate with the Canaveral Port Authority, the Florida East Coast Railroad, and the Space Coast Executive Airport to maximize use of intermodal transportation nodes.

Policy 2.1.14.1: The City shall continue to conduct coordination meetings with the Florida East Coast (FEC) Railroad and Amtrak to establish a future passenger transportation terminal within the City limits.

Policy 2.1.14.2: The City shall conduct annual coordination meetings with the Space Coast Executive Airport and the Canaveral Port Authority to share information on their facility improvements, and the City's future growth and all Developments of Regional Impact (DRI).

Policy 2.1.14.3: The City shall continue to be receptive to alternate means of public transportation which will reduce the demand on the existing infrastructure system.

Policy 2.1.14.4: The City shall develop Transit Oriented Development (TOD) design criteria in the Land Development Regulations.

Objective 2.1.15: **Parking.** The City shall develop parking strategies to support the transportation goals.

Policy 2.1.15.1: The City shall seek a public-private partnership to help establish a multi-use, multi-level parking facility to reduce traffic congestion and increase pedestrian safety, reduce the amount of surface parking lots and increase green space within the Central Business District.

Policy 2.1.15.2: New development shall consider parking for motorized and non-motorized vehicles in site design.

Policy 2.1.15.3: The City shall update parking standards to minimize the amount of surface parking through the establishment of maximum parking standards and shared and co-located parking.

CITY OF COCOA
COMPREHENSIVE PLAN

TRANSPORTATION ELEMENT

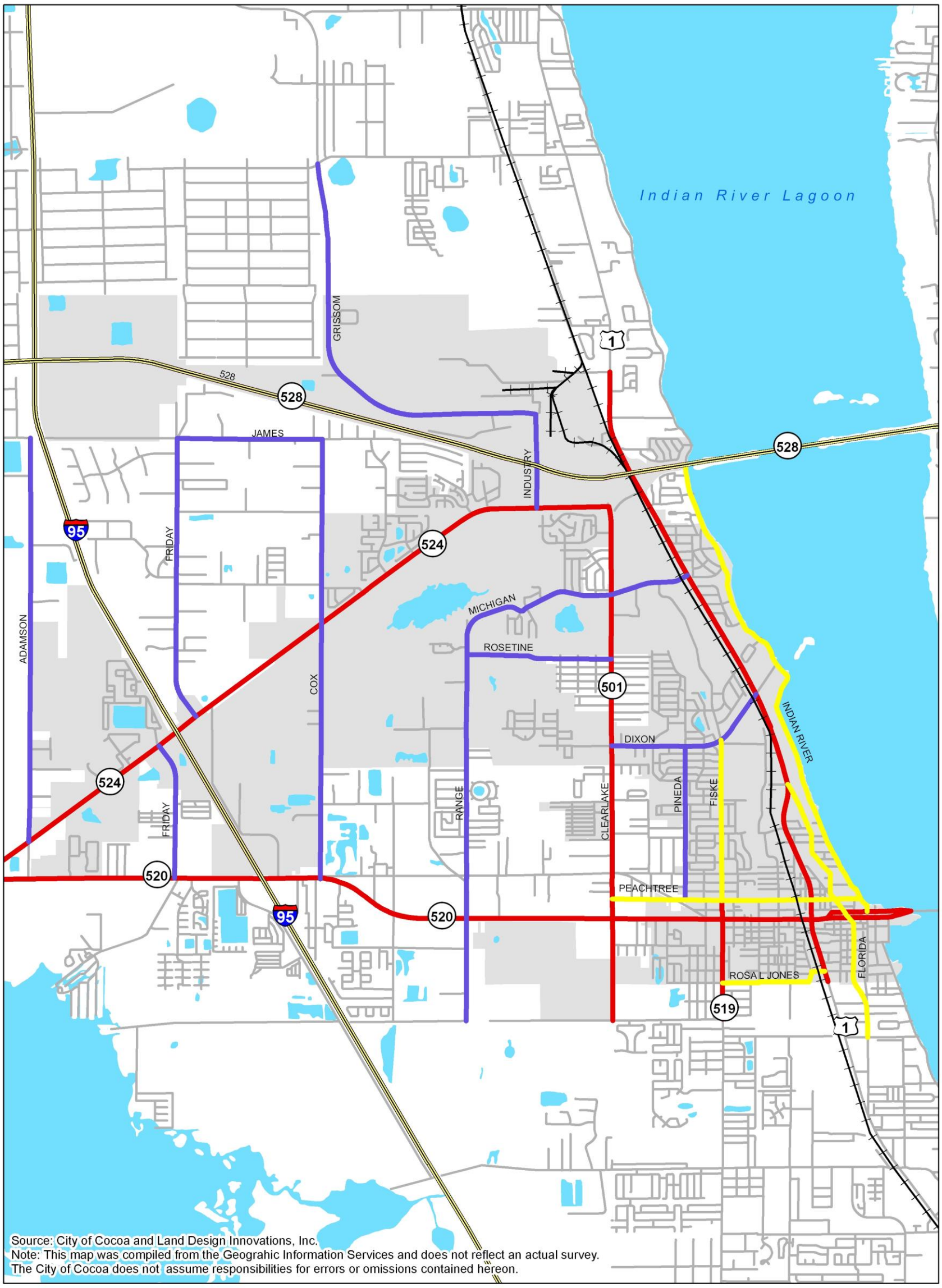
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October 2010

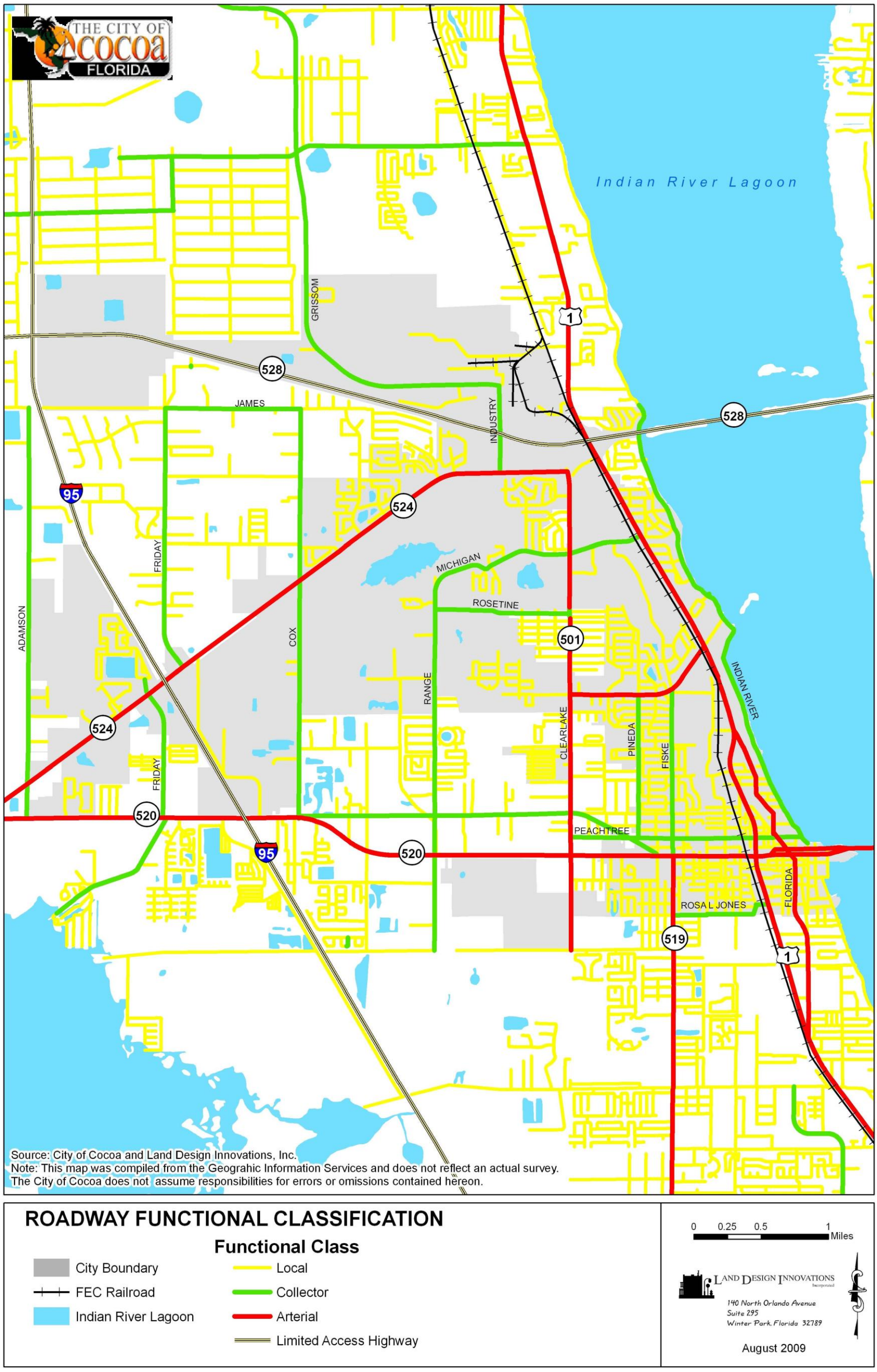
LIST OF MAPS

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Map M-II-7: Space Coast Area Transit Routes Map
Map M-II-8: Bicycle / Pedestrian Greenways and Blueways Map

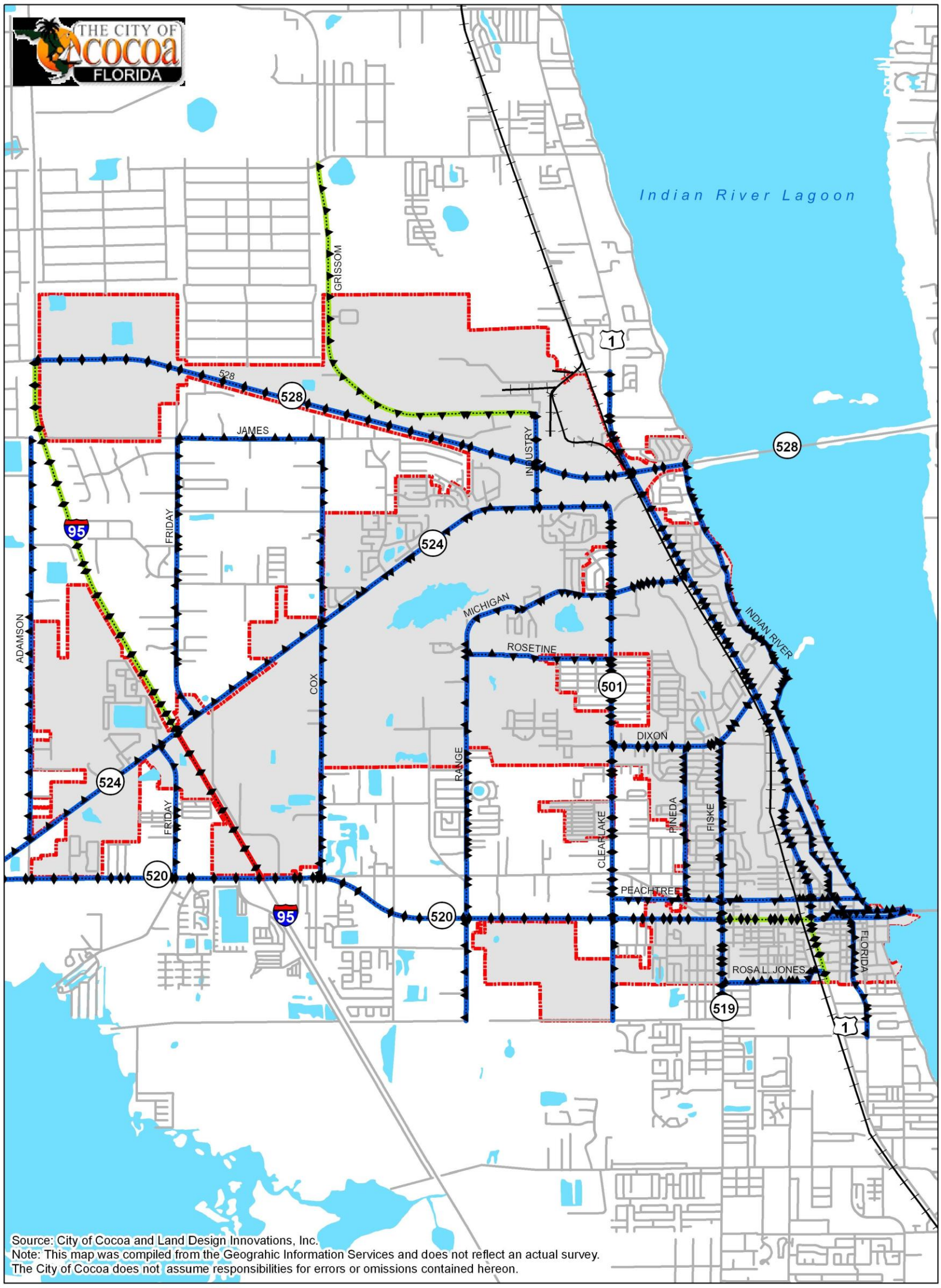
Map M-II-1: Roadway Jurisdiction Map



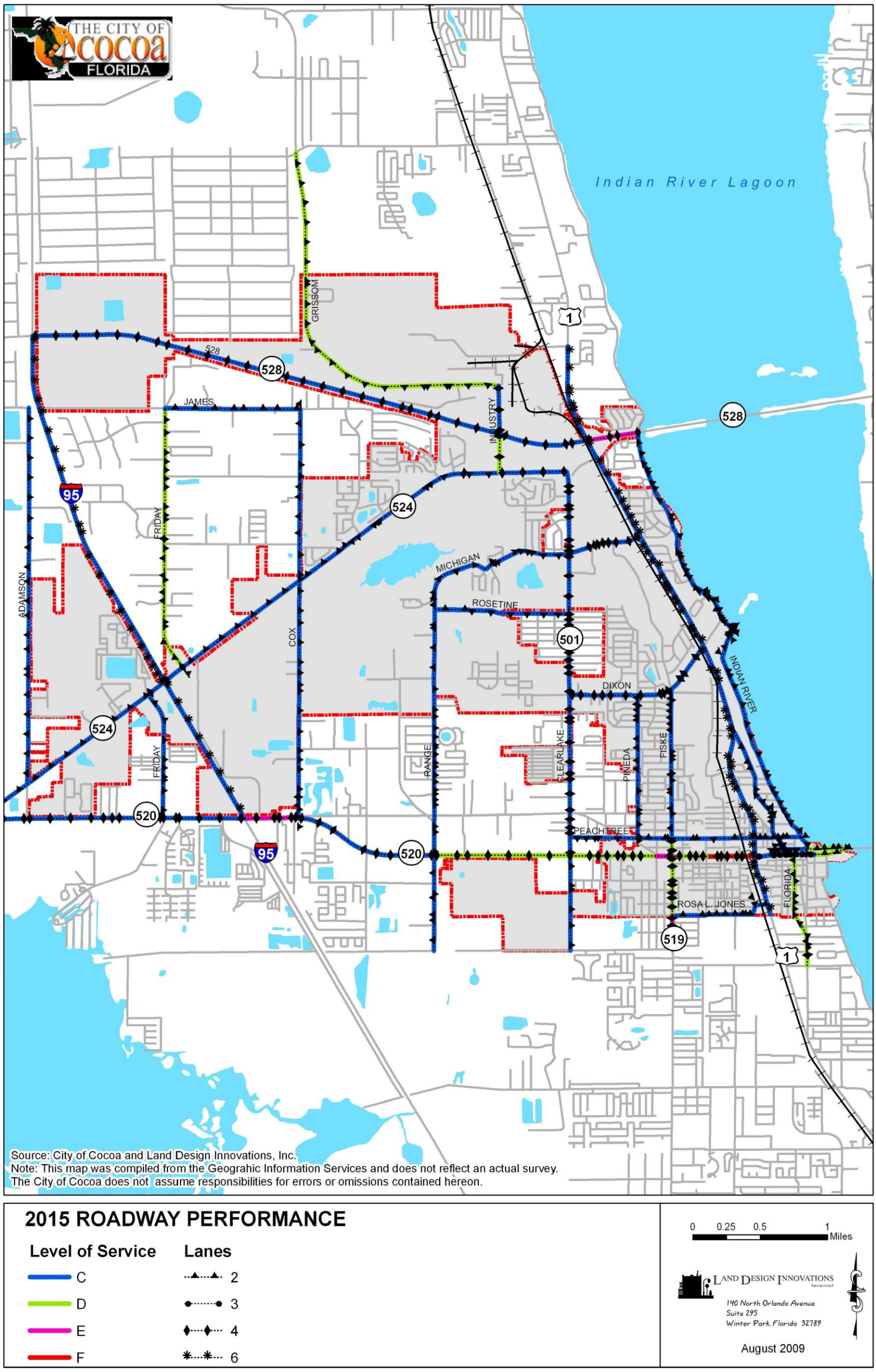
Map M-II-2: Functional Roadway Classification Map



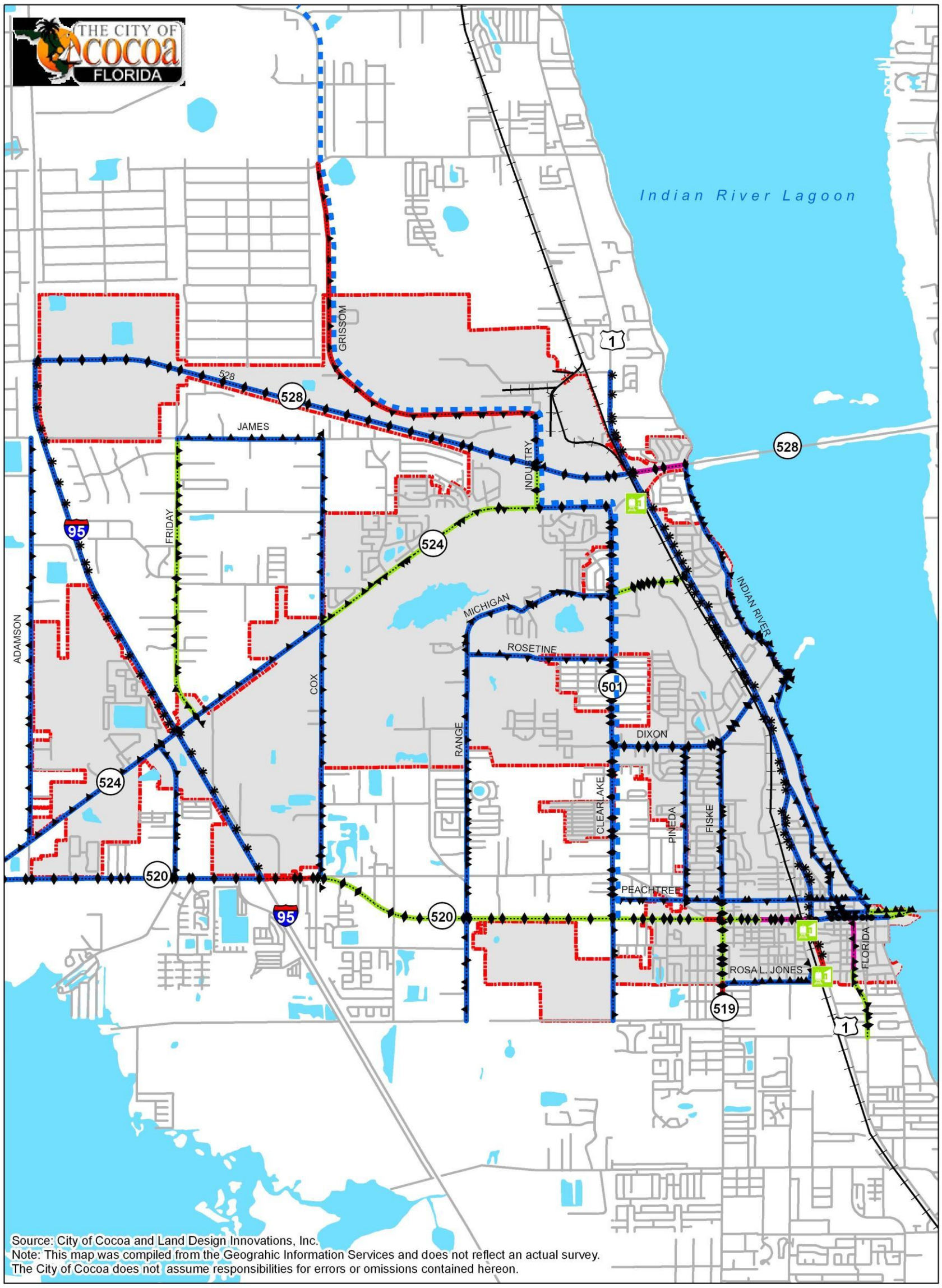
Map M-II-3: Existing Roadway Performance Map



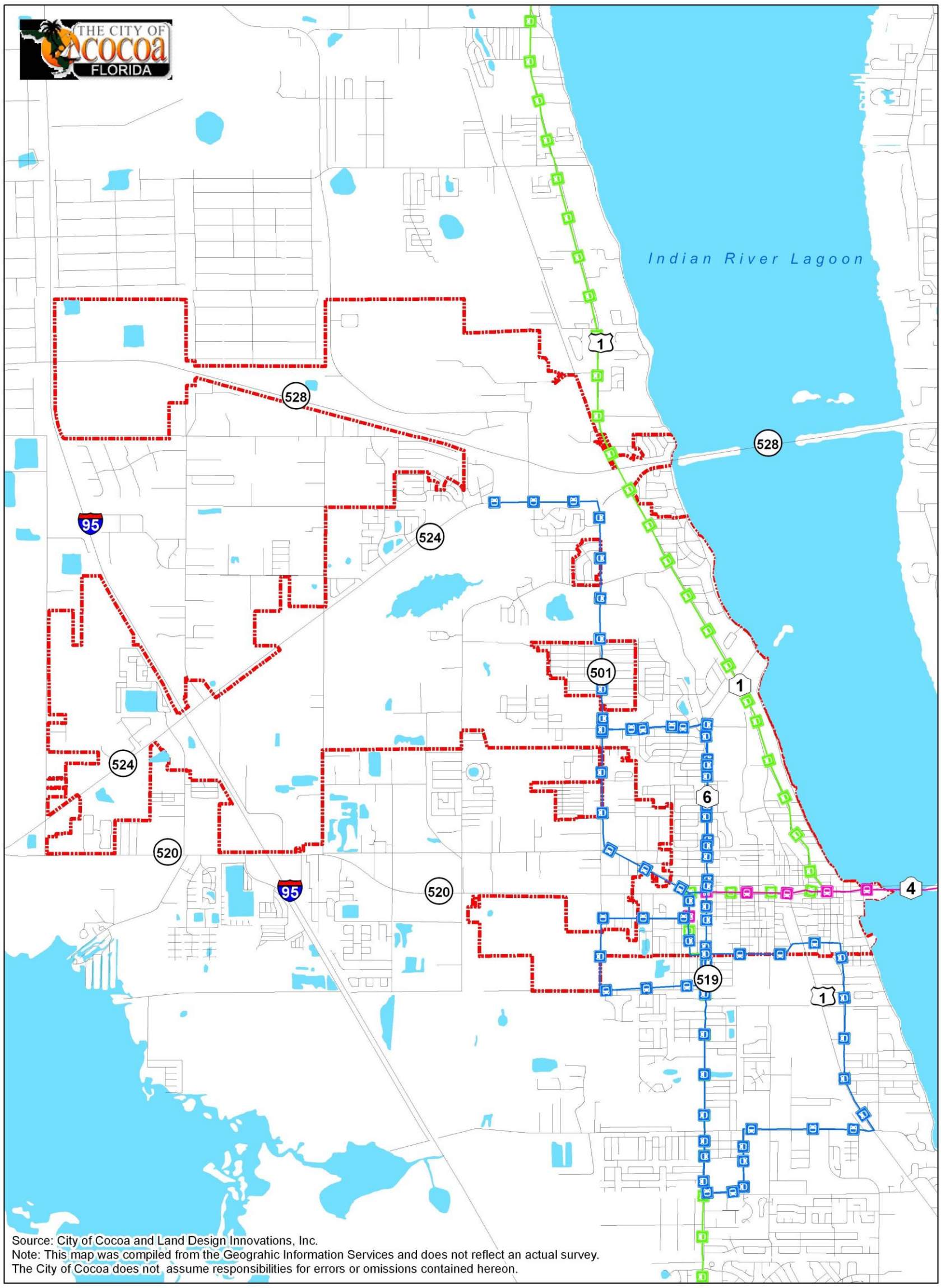
Map M-II-4: 2015 Projected Roadway Performance Map



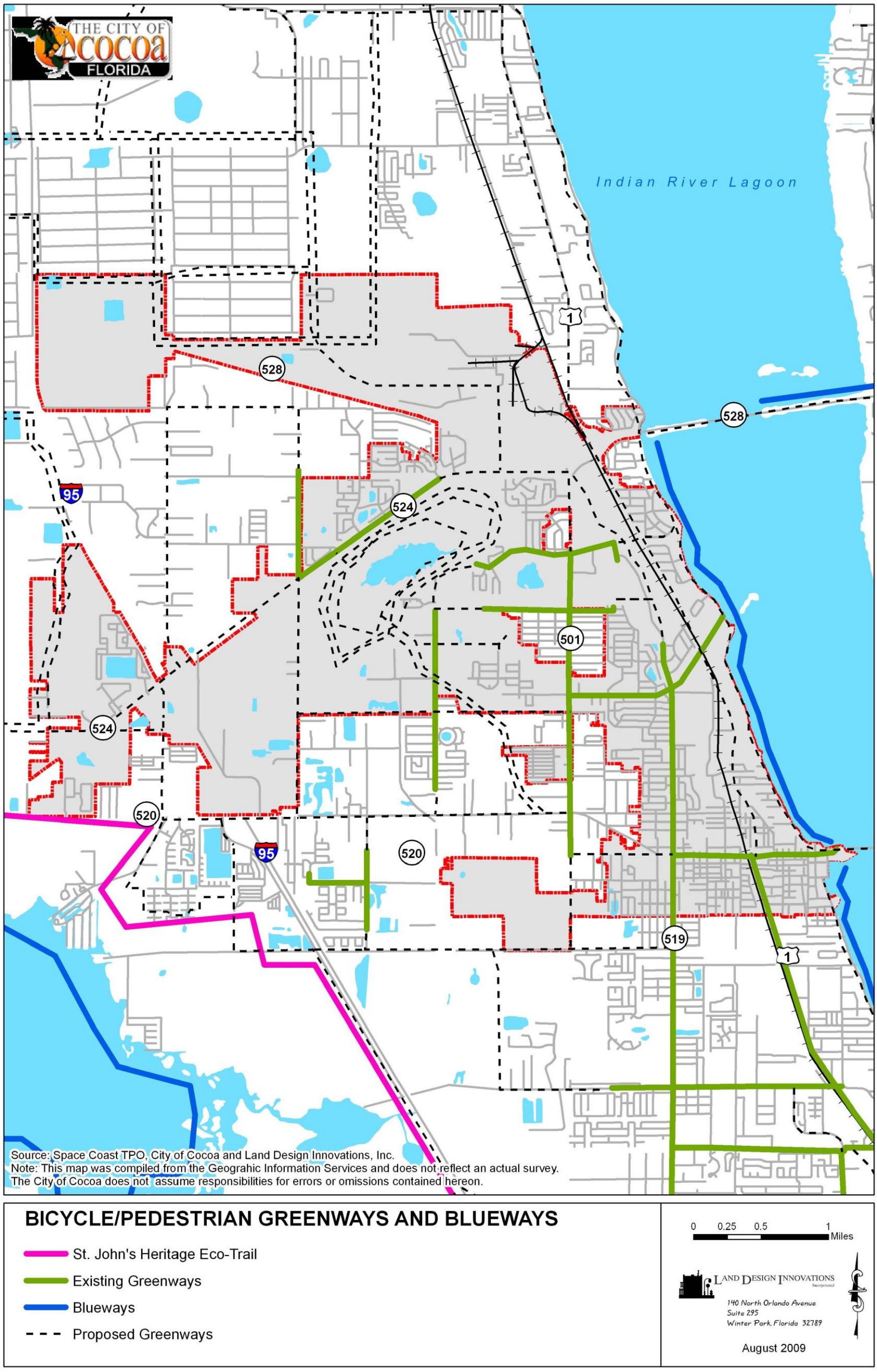
Map M-II-5: 2020 Future Transportation Map



Map M-II-7: Space Coast Area Transit Routes Map



Map M-II-8: Bicycle/Pedestrian Greenways and Blueways Map



III - HOUSING ELEMENT

Serving the Community

GOAL 3.1: The City shall encourage and promote the provision of decent, safe, and sanitary housing to meet the needs of the present and future population of the City.

Objective 3.1.1: Housing Supply. Assist the private sector to create additional units and preserve existing units to satisfy the projected demand of dwelling units of various types, sizes, and costs ~~by 2020~~ which will be needed to house the City's anticipated population through the planning horizon.

Policy 3.1.1.1: The City's Future Land Use Map shall provide adequate lands to accommodate the projected housing growth.

Policy 3.1.1.2: The City shall continue to provide land use designations and zoning districts on the Future Land Use and the Official Zoning Maps to ensure a variety of housing types including single family, duplex, and multifamily are allowed within the City.

Policy 3.1.1.3: The City shall continue to utilize local government partnerships with the private sector in order to improve the efficiency and expand the capacity of the housing delivery system.

Policy 3.1.1.4: The City shall continue to provide information, technical assistance and housing data to the private sector in order to maintain sufficient housing production capacity. Technical assistance includes, but is not limited to, assistance meeting the development review requirements of the City and other regulatory agencies; referral to appropriate agencies for information; assistance in meeting infrastructure standards and requirements imposed by the City; and provision of data regarding housing needs and conditions.

Policy 3.1.1.5: The City's land development regulations shall allow manufactured buildings (as defined in Chapter 553, F.S.) in all residential zoning districts provided the units comply with all relevant building code standards ~~of Chapters 320 and 553, F.S.,~~ and the U.S. Department of Housing and Urban Development Manufactured Home Construction and Safety Standards.

Policy 3.1.1.6: The City shall promote mixed-use developments that include provisions for a wide variety of housing types and prices.

Policy 3.1.1.7: In order to maintain housing policies responsive to changing conditions, problems, and issues, the City shall undertake special housing studies as needed in order to develop specific local strategies for resolving unanticipated housing problems and issues.

Objective 3.1.2: Elimination of Substandard Housing. The City shall seek ways to eliminate substandard housing conditions and seek ways to improve the structural and aesthetic value of existing homes.

Policy 3.1.2.1: The City shall periodically review and update established housing policies to guide in the conservation, rehabilitation, and demolition program techniques and strategies.

Policy 3.1.2.2: The City of Cocoa will endeavor to eliminate slum and blight throughout the City.

Policy 3.1.2.3: The City shall identify existing housing units that need structural and aesthetic improvements and those that are beyond repair and rehabilitation should be demolished.

Policy 3.1.2.4: The City shall continue to enforce the Florida Building Code and the City of Cocoa's Property Maintenance Standards and Rental Regulations to ensure the construction and maintenance of sound and safe housing and, to encourage the correction of housing code violations, and to set the standards for quality housing within the City. Low income owner-occupants will continue to be referred to available housing assistance programs.

Policy 3.1.2.5: The City shall continue its proactive code enforcement program to monitor the conditions of the City's housing stock, reduce the amount of substandard housing, discourage boarded-up buildings, increase the number of affordable units, and preserve available housing stock using city, county, state or federal funds as available and within the scope of funding capabilities.

Objective 3.1.3: Relocation Housing. The City shall provide uniform and equitable treatment to persons displaced by State and local government programs, consistent with Section 421.55, F.S., and to persons displaced by public projects or programs for which federal or federal-aid funds are available or are used, in accordance with the Surface Transportation and Uniform Relocation Assistance Act of 1987, (Public Law 100-17, Apr. 2, 1987, 101 Stat. 132).

Policy 3.1.3.1: When residents are displaced as a result of redevelopment, demolition or other public projects, the City shall attempt to ensure the residents are able to relocate to appropriate housing.

Policy 3.1.3.2: The City shall coordinate with appropriate agencies to prepare plans of action regarding relocation of residents before programs are enacted that will create displaced households. Such plans shall include, but are not limited to, the following:

- Timing of the relocation;
- Assessment of the need for the program that will displace households;
- Costs associated with the displacement of such households; and

- An assessment of the household's needs and the impact of the relocation on the household, including:
  - Location and the effect of a new neighborhood location on the household's distance to job, schools, and social activities; and
  - The adequacy of public transit, if applicable at the time, to serve the displaced household.

Policy 3.1.3.3: The City shall assure that reasonably located standard housing, at affordable costs, continues to be available to persons displaced through public or quasi-public action prior to their displacement. When federal funds are used for acquisition, demolition, rehabilitation, or conversion, the City shall comply with the Uniform Relocation Assistance and Real Property Acquisition Policies Act and with Section 104(d) of the Housing & Community Development Act of 1974 (excluding acquisition), as amended from time to time and as implemented in the City's local housing assistance plans.

Policy 3.1.3.4: Relocation housing should be comparable to the existing dwelling as much as possible, with an emphasis on the number of rooms, size of living space, location to commercial and public facilities and place of employment, and shall be within the financial means of the displaced household. Relocation housing shall be a sound, safe, and sanitary dwelling meeting adopted housing and property maintenance codes.

Policy 3.1.3.5: In the event the City of Cocoa is declared a Federal Disaster Area and in an effort to prevent the relocation of residents whose homes have been declared unsafe for occupancy as a result of a tornado, hurricane or other disaster related event, the City of Cocoa shall permit the location and occupancy of a Federal Emergency Management Agency (FEMA) sponsored trailer on the affected single-family residential lot during the reconstruction of the principal structure. The FEMA sponsored trailer shall be removed once the Certificate of Occupancy for the principal structure is issued by the City's Building Official (if not sooner by mandate of FEMA).

Objective 3.1.4: **Coordination.** The City shall continue to coordinate with public and private sector entities that provide housing services.

Policy 3.1.4.1: The City shall monitor housing, community, and redevelopment proposals for consistency with this Comprehensive Plan.

Policy 3.1.4.2: The City shall continue to coordinate affordable housing, housing development and redevelopment activities with:

- Adjacent municipalities and Brevard County;

- State agencies (such as the Florida Department of Transportation);
- Brevard County School Board;
- East Central Florida Regional Planning Council;
- The Housing Authority of the City of Cocoa; and
- Brevard County HOME Consortium.

Objective 3.1.5: Energy Efficiency. The City shall encourage energy efficiency in the design, construction and rehabilitation of new and existing residential buildings in the City and incorporate alternative energy technologies in the land development regulations.

Policy 3.1.5.1: The City shall consider adopting an ordinance that promotes energy efficiency, use of alternative energy, and conservation alternatives in the construction and rehabilitation of existing buildings.

Policy 3.1.5.2: The City shall create incentive programs for housing projects that seek certification by Florida Green Building Coalition, United States Green Building Coalition (LEED Certifications), Energy Star, Water Star, or other types of certifications acceptable by the City. The incentives may be in the form of expedited plan review and permitting, flexibility of development standards, or monetary incentives.

Policy 3.1.5.3: The City shall consider creating a cross-departmental sustainability team to revise green building policies and engage the development community.

Policy 3.1.5.4: The City shall encourage City staff to obtain LEED accreditation.

Policy 3.1.5.5: The City shall continue the ongoing review and improvement of City codes to remove obstacles to green building.

Policy 3.1.5.6: The City shall promote energy conservation through its land development regulations.

Policy 3.1.5.7: The City shall continue to support Florida Power & Light (FPL) energy efficiency programs by informing residents of the programs that are offered by FPL.

Objective 3.1.6: Location of Housing. The City shall provide appropriate and adequate locations for very low income, low income, and moderate income housing, and provide for adequate sites for mobile and manufactured homes.

Policy 3.1.6.1: The City shall establish and maintain zoning classifications which allow for flexibility in land use design, density, housing types, and price levels to preserve affordable housing and residential neighborhoods, and allow for appropriate land use mixes for very low income, low income, and moderate income households, mobile

homes, manufactured homes, group homes and foster care facilities, and households with special needs including rural and farm worker households

Policy 3.1.6.2: The City shall ensure supporting infrastructure and public facilities are available and maintained to support the location of very low income, low income, and moderate income households as well as for mobile and manufactures homes.

Policy 3.1.6.3: The City shall review and amend its land development regulations to reflect the conditions and criteria consistent with Chapter 419, F.S., guiding the location of group homes and foster care facilities licensed or funded by the Florida Department of Children and Family Services that foster non-discrimination, and encourage the development of community residential alternatives to institutionalization including the infrastructure and public facilities.

Policy 3.1.6.4: The City shall include in its land development regulations site selection criteria for the location of housing for low and moderate-income families, group homes, foster care facilities, and manufactured homes which take into account the accessibility, convenience, and availability of public and private services because low-income families and the elderly often have no private means of transportation.

Policy 3.1.6.5: Should a need be demonstrated for rural and farmworker housing, the City will consider provisions for such housing opportunities.

Objective 3.1.7: Housing Programs. The City shall develop housing programs to improve the structural and aesthetic value of existing homes and the creation of new homes to meet the current and anticipated future residents of the City.

Policy 3.1.7.1: The City shall strengthen public education measures through affirmative outreach efforts to low income households to ensure that the persons or neighborhoods eligible for assistance are aware of its availability as well as the procedures for obtaining such assistance. Public workshops shall be held in areas where the needs are demonstrated.

Policy 3.1.7.2: The City will continue to seek and apply for funding programs to assist in housing rehabilitation, demolition, and preservation for qualified applicants. Housing ownership opportunities for low-income households will continue to be provided through federal and state housing programs.

Policy 3.1.7.3: The City shall survey all homeowners receiving housing rehabilitation assistance after receiving assistance to evaluate the quality of the work and to determine homeowner satisfaction with the program.

Policy 3.1.7.4: The City of Cocoa shall promote personal investment in the community and homeownership by encouraging residents, especially those participating in housing assistance programs, to become involved in community service organizations, projects, and City Boards.

GOAL 3.2: In order to encourage the preservation of the existing housing stock and minimize the relocation of residents and the demolition of housing, the city shall ensure the availability and maintenance of supporting infrastructure and avoid the concentration of affordable housing units only in specific areas of the city.

Objective 3.2.1: Housing Stock and Neighborhoods. The City shall encourage the stabilization of neighborhoods by extending the useful life of the existing housing stock through the enforcement of City codes that preserve neighborhood quality and maintain community facilities.

Policy 3.2.1.1: The placement of public facilities shall be planned so as to minimize the demolition of housing and related relocation of residents. When housing must be removed as a result of City actions, the City shall assess the feasibility of moving the housing to another location and rehabilitating it to standard, affordable conditions to preserve it as part of the City housing stock.

Policy 3.2.1.2: The City shall encourage the stabilization of neighborhoods by maintaining the quality of existing neighborhoods, by upgrading the supporting infrastructure and facilities, including paved public road access; stormwater management facilities and flood protection; wastewater disposal facilities; potable water facilities; solid waste collection service; electric utility service; and by protecting natural and historic resources.

Objective 3.2.2: Historically Significant Housing. Housing designated as historically significant by virtue of architecture, social significance, or ethnic heritage will continue to be identified and continue to be preserved and protected, and if possible, maintained for residential uses.

Policy 3.2.2.1: Applications will be submitted by the City to the Florida Division of Historical Resources for the housing units which have been and may be designated as individual structures or as part of a locally significant historic district to be included on the Florida Master Site File.

Policy 3.2.2.2: The City shall pursue available grants and alternative funding, where appropriate, to expand the local knowledge and awareness of existing historic and archaeological sites and structures.

Policy 3.2.2.3: The City shall assist owners of designated historically significant housing to apply for and utilize state and federal assistance programs.

Policy 3.2.2.4: The City shall encourage the continued identification, analysis, and preservation of the City's historical resources. Such efforts shall include determination of their significance and vulnerability, as well as implementation of preservation management policies. Environmental reviews of units assisted with governmental resources shall be conducted as required.

Policy 3.2.2.5: The City will encourage the retention and preservation of historically significant structures, while discouraging their destruction by requiring that a need for demolition or significant alteration must be demonstrated prior to the issuance of a demolition permit or development order, with need being based on structural integrity, lack of economic feasibility of rehabilitation, restoration, or preservation, and absence of any feasible alternative, for the rehabilitation, restoration, adaptive reuse, or other alteration which would preserve the historic character of the structure. Where such need is demonstrated, relocation of the structure to an appropriate site may be waived if the applicant establishes the lack of feasibility of relocation. Where neither rehabilitation nor relocation is possible, mitigation of the loss of such properties through documentation techniques, including but not limited to measured drawings, photographs and descriptive narrative, will be the recommended treatment.

Policy 3.2.2.6: The City will adopt incentives to retain historically significant residential structures in the City through a variety of strategies and procedures including zoning, land development regulations, public and private land acquisition programs, and other techniques.

Policy 3.2.2.7: The City may require independent feasibility assessments of the feasibility of restoring or rehabilitating architecturally or historically significant residential resources as an alternative to demolition or significant alteration at the applicant's expense.

Policy 3.2.2.8: The City will establish a program for the preservation and improvement of historically significant housing, sites, and structures through participating with owners, citizens' groups, business organizations, and state and federal agencies in restoration, rehabilitation, and public or private purchase with the owner's consent of historically significant housing, sites or structures for the purpose of preservation.

Policy 3.2.2.9: The City shall not seek the local designation of a property or structure as historically significant without the owner's permission.

Policy 3.2.2.10: In identifying and improving historically significant housing, the City shall be guided by the Standards for Rehabilitation of the U.S.

Department of the Interior, as amended. Criteria such as the following shall be employed:

A. The distinguished original qualities or character of a building structure or site and its environment shall not be destroyed. The removal or alterations of any historic material or distinctive architectural features should be avoided when possible.

B. All buildings, structures, and sites shall be recognized as products of their own time. Alterations that have no historical basis and which seek to create an earlier appearance shall be discouraged.

C. Changes that have taken place in the course of time are evidence of the history and development of a building, structure, neighborhood or site and its environment. These changes may have acquired significance in their own right, such as the relocation of a structure many years ago, and this significance shall be recognized and respected.

D. Distinctive stylistic features or examples of skilled craftsmanship which characterize a building structure, neighborhood or site shall be treated with sensitivity.

E. Deteriorated architectural features shall be repaired rather than replaced whenever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features should be based on accurate duplications of features, substantiated by historic physical or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other buildings or structures.

F. The surface cleaning of structures shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historic building materials shall not be undertaken.

G. Contemporary design for alterations and additions to existing properties shall not be discouraged when such alterations and additions do not destroy significant historical, architectural or cultural material and design is compatible with the size, scale, color, material and character of the property, neighborhood or environment.

H. Whenever possible, new additions or alterations to structure shall be done in a manner so that removal of such additions

or alterations in the future would not impair the essential form and integrity of the structure.

I. Applications for rehabilitation of housing which also are eligible for consideration, as historic resources or which are potentially significant historic structures shall be processed in conformance with state and federal guidelines.

J. The City shall employ available measures with particular sensitivity for rehabilitation and preservation of housing which has historic significance by virtue of social factors or ethnic heritage.

Objective 3.2.3: Housing Safety. The City of Cocoa shall utilize Crime Prevention Through Environmental Design (CPTED) principles in order to increase the safety of housing developments through the planning process and incorporate them in the land development regulations. CPTED principles and strategies shall include natural access control, natural surveillance, territorial reinforcement, and target hardening.

Policy 3.2.3.1: The City shall develop guidelines for the development community against which projects will be evaluated to ensure the incorporation of CPTED principles.

Policy 3.2.3.2: The City shall provide technical assistance to housing developers and non-profit housing providers to ensure compliance with CPTED principles.

Objective 3.2.4: Neighborhood Preservation. The City of Cocoa shall promote neighborhood preservation through the continued application and enforcement of zoning district regulations, land development regulations, and nuisance abatement regulations.

Policy 3.2.4.1: The City shall provide for the protection of residential neighborhoods from secondary effects of nearby commercial development.

Policy 3.2.4.2: The City shall require buffering and screening of residential neighborhoods from nearby incompatible land uses through significant landscaped buffer yards and/or compatible transitional uses.

Policy 3.2.4.3: The City shall protect residential neighborhoods from through-traffic with traffic calming measures as well as through the use of selected roadway materials, restrictions on use of roadways by nonresidential vehicles and redirecting traffic flow patterns.

Policy 3.2.4.4: The City shall protect residential neighborhoods from noise, water, and air pollution by regulating land development practices to ensure all applicable local, state, and federal air & water quality standards are met and maintained. Activities creating noise related disturbances

shall be restricted from inappropriate locations or required to provide more stringent attenuation measures.

Policy 3.2.4.5: The City shall encourage mass transit in residential neighborhoods, where appropriate, through the coordination of public transit routes and land use activity.

Policy 3.2.4.6: The City shall support neighborhood serving retail uses ~~appropriately~~ located in close proximity to residential property.

Policy 3.2.4.7: The City shall continue inspection of residential rental properties periodically to protect the health, safety, and welfare of the tenants. The City will continue to initiate inspections of properties in conjunction with appropriate state agencies in situations where: 1) a complaint has been filed with codes enforcement, 2) there exists an obvious code violation, or 3) when the owner applies for a building permit to expand his or her property. All inspectors shall be qualified and licensed to interpret the Florida Building Code and/or the ICC International Property Maintenance Code.

Policy 3.2.4.8: The City shall consider the potential impact of proposed projects on achieving reductions in the concentration of affordable multifamily housing when evaluating applications, awarding discretionary funds, and making recommendations concerning certified affordable housing projects, tax credits, and bond projects.

Policy 3.2.4.9: The City will preserve residential neighborhoods containing affordable housing through appropriate zoning classifications and housing rehabilitation programs which protect their residential integrity and character. The City will give great weight to preserving the residential integrity and character of such neighborhoods in considering petitions by property owners for zoning changes.

Policy 3.2.4.10: The City will support programs and partnerships with the private and non-profit sectors to improve coordination among participants in housing production to preserve, improve, and produce affordable housing through means such as providing grants for land acquisition for production of affordable housing; waiving or subsidizing impact, hook-up, or permitting fees; providing technical assistance; streamlining the permitting and inspection process; providing landscaping or infrastructure improvements to support residential development and rehabilitation; providing density bonuses; or providing funding for capacity building.

GOAL 3.3: The City shall ensure the provision and distribution of adequate sites for affordable housing for present and future populations of the City.

Objective 3.3.1: Incentives for Affordable Housing. The City shall maintain land development regulations and procedures which assist the private and non-profit sector in providing identified housing needs of various types, sizes and costs.

Policy 3.3.1.1: The City shall continue and promote its density bonus program to encourage the private sector to provide affordable housing. The following guidelines shall be utilized in the implementation of the density bonus program.

A. AMOUNT OF BONUS.

For each newly constructed unit of qualifying affordable housing as defined below, the developer shall be entitled to an increase of ten thousand (10,000) square feet of floor area bonus for new construction within the CBD. For a substantial rehabilitation of qualifying affordable housing defined below, the developer shall be entitled to an increase of five thousand (5,000) square feet of floor area bonus for new construction within the CBD. Such bonus is transferable.

B. QUALIFYING AFFORDABLE HOUSING.

1. Qualifying affordable housing shall be newly constructed single-family housing or substantial rehabilitation of housing, made available for purchase by a qualifying low income household, and subject to the following restrictions:

(a) Housing units must be available for purchase and must actually be purchased by a low income household (as defined in Section 420.0004(11), F.S.) at a monthly cost including property taxes, ~~and~~ utilities, and insurance not exceeding thirty percent (30%) of the purchasing household's median gross annual income.~~onthly income.~~

(b) The purchaser of such affordable housing unit must, at the time of purchase, grant to the administering corporation a note and second mortgage interest in the housing unit, payable upon resale, in the amount of fifteen thousand dollars ($15,000.00) (i) which note shall not bear interest and may be forgiven at the rate of one thousand five hundred dollars ($1,500.00) per year and retired after ten (10) years and (ii) which second mortgage shall (a) provide for a twenty-year term; (b) contain a right of first refusal at a price equal to a bona fide written offer of a third-party to purchase

the unit; and (c) contain an agreement to pay to the administering corporation one-half of any profit upon resale of the unit, including a sale upon exercise of said right of first refusal. In the event the purchaser secures a purchase mortgage loan under the Florida Homeownership Assistance Program pursuant to section 420.5088, Florida Statutes (1989), as may be amended, or should the administering corporation be selected as a sponsor under the aforesaid program, the second mortgage interest set forth in this subsection may be denoted as a third mortgage interest in the housing unit.

(c) It shall be the obligation of the administering corporation to exercise the right of first refusal and second mortgage interest to ensure that upon resale of the housing unit, the resale purchaser is also a low income household, or, if unable to exercise the right of first refusal, to apply funds received upon satisfaction of such second mortgage interest to the development or preservation of other affordable housing units within a designated redevelopment area. Any such funds not so applied within five (5) years of receipt by the administering corporation shall be remitted to the City of Cocoa.

Policy 3.3.1.2: The City shall provide information and incentives, such as minimum lot sizes, minimum floor areas, setbacks, and residential land uses to the private sector to ensure that sufficient housing of various types, designs sizes, and costs are constructed.

Policy 3.3.1.3: The City may allow single family dwellings on non-conforming infill lots for affordable and workforce housing development projects.

Policy 3.3.1.4: The City shall continue to provide incentives to developments with affordable housing and workforce housing units. These incentives could include, but are not limited to, increased densities; a streamlined permitting processes to prevent delays; flexible development regulations; and deferment, subsidy and/or waiver of building permit fees, impact fees and inspection fees.

Objective 3.3.2: Adequate Sites for Housing. The City shall provide adequate sites ensuring housing availability for the very low-income, low-income, and moderate-income

households, as well as sites for mobile and manufactured homes for the present and future population of the City.

Policy 3.3.2.1: The City shall affirmatively support proposals for affordable housing that are consistent with the use and density provisions of the Comprehensive Plan.

Policy 3.3.2.2: The City shall support amendments to the Comprehensive Plan and associated land development regulations that permit affordable housing proposals provided such locations; avoid concentrations of low and very low income households; provide full urban services and facilities; are environmentally sensitive; and would create a livable and supportive environment.

Policy 3.3.2.3: The City shall discourage concentrations of affordable multi-family housing in economically and socially distressed areas.

Policy 3.3.2.4: The City shall continue to require that sites for affordable housing have access to the following facilities, services and/or activity centers:

- Potable water and central wastewater systems;
- Employment centers, including shopping centers which accommodate stores offering household goods and services needed on a frequent and recurring basis;
- A collector roadway or higher; and
- Public parks, recreation areas, and/or open space systems.

Policy 3.3.2.5: The City shall encourage the provision of affordable housing in infill/redevelopment areas by providing incentives. The City shall also encourage the development of affordable housing in the Community Redevelopment Areas.

Policy 3.3.2.6: The City shall ensure, to the greatest extent possible, that regulatory techniques and review procedures do not create barriers to infill and affordable housing, when updating its land development regulations.

Policy 3.3.2.7: The City may, through the land development regulations, encourage the development/redevelopment of housing that will integrate a variety of housing types and styles in all neighborhoods.

Objective 3.3.3: Housing Programs. The City shall seek to utilize, leverage and maximize federal, state, and local programs for the present and future population of the City.

Policy 3.3.3.1: The City will continue to support and seek new funding from appropriate federal, state and local sources for rehabilitation of rental units and rental assistance for low income families.

Policy 3.3.3.2: The City will continue to provide housing assistance to income eligible residents by allocating resources received through federal and state housing grants.

Policy 3.3.3.3: The City will continue to explore and consider alternative sources of money and initiatives to improve housing stock and availability. In addition, the City will coordinate with the County to advertise the availability of any funds to the public. These funds will ensure the availability of decent, safe, sanitary, and affordable units to low income residents.

Policy 3.3.3.4: The City shall leverage available funds with federal, state and local subsidy programs to assist the largest number of units possible.

Policy 3.3.3.5: The City shall annually monitor affordable housing projects receiving financial grant assistance or incentives to ensure units are in compliance with affordability requirements.

Policy 3.3.3.6: The City shall partner with the Brevard County Finance Authority in the use of tax exempt financing to provide mortgages at below market interest rates to first time homebuyers.

Policy 3.3.3.7: The City shall promote awareness among the elderly and low-income rental families regarding housing programs which are available to assist them in Cocoa.

Policy 3.3.3.8: The City may participate in and support the activities of private not-for-profit Community Development Corporations (CDC's) and Community Housing Development Organizations (CHDO's) to provide technical assistance and housing information to City and County constituents. Such support may include, but not limited to, financial and/or technical assistance and alternative development standards and code requirements.

Policy 3.3.3.9: The City shall continue to support affordable housing programs and maintain communication with non-profit organizations to promote neighborhood pride, identity, organization, and communication between citizens and City government.

Policy 3.3.3.10: The City shall continue to provide assistance to outside agencies offering counseling referral services for families and individuals seeking affordable housing opportunities.

Policy 3.3.3.11: The City shall participate in and support activities that discourage the use of predatory lending practices. Such support may include, but not be limited to, the provision of financial and or technical assistance to community groups that specialize in education and outreach against predatory lending.

Policy 3.3.3.12: The City shall prioritize projects that utilize public/private partnerships to produce housing and provide support of services to low income families. These programs could include, but not limited to, financial counseling, day care, health care, and transportation.

Policy 3.3.3.13: The City shall participate in Regional Planning Council initiatives directed toward educating local governments about new techniques, especially those programs which promote affordable housing.

GOAL 3.4: The City shall continue encouraging and assisting in the conversion of undue concentrations of public rental housing in the City of Cocoa to affordable home ownership. Where public housing remains, the City shall seek to ensure it's decent, safe, and sanitary for the present and future residents of the City.

Objective 3.4.1: Cooperative Relationship. The City shall establish an ongoing cooperative working relationship with the Housing Authority of the City of Cocoa to provide for and preserve public housing and assist in the conversion of undue concentrations of public housing to affordable home ownership.

Policy 3.4.1.1: The City shall promote educational opportunities and provide training and technical assistance to lower income public housing tenants in preparation for home ownership.

Policy 3.4.1.2: The City shall assist the Housing Authority of the City of Cocoa and/or public housing tenants in seeking financial incentives to facilitate the purchase of owner-occupied housing and/or, to support the cost associated with converting public housing units to owner-occupied or mixed-income units.

Policy 3.4.1.3: The City shall pursue housing resources for low income residents other than public housing or Section 8 tenant-based assistance.

Policy 3.4.1.4: The City shall leverage affordable housing resources in the community through the creation of mixed-finance housing, and encourage and facilitate the conversion of public housing units to owner occupancy.

Policy 3.4.1.5: The City shall pursue financial resources to assist in the rehabilitation of public housing units, or when beyond repair, the demolition and replacement of dilapidated units to new owner-occupied units.

GOAL 3.5: The City shall promote non-discrimination and ensure fair and equal housing opportunities for residents of the City of Cocoa.

Objective 3.5.1: Fair Housing. The City shall remain committed to affirmatively further fair housing.

Policy 3.5.1.1: The City will fully comply with and require the private sector to comply with the Fair Housing Act of 1968 and the local Fair Housing Ordinance. All housing development and redevelopment activities

shall be compatible with and further the purpose of the Fair Housing Act of 1968.

Policy 3.5.1.2: The City shall conduct periodic reviews and amend as necessary all land and housing development regulations to ensure compliance with Federal and State laws on accessibility.

Policy 3.5.1.3: The City shall continue to periodically review the local Fair Housing Ordinance and update as necessary.

Policy 3.5.1.4: The City shall continue to support local fair housing enforcement organizations such as the Fair Housing Continuum.

Policy 3.5.1.5: The City shall encourage public housing agencies to start a counseling program to help housing choice voucher recipients to locate housing outside of poverty concentrated areas.

Policy 3.5.1.6: The City's housing programs shall encourage banks and other lending organizations to operate in areas that are underserved and to provide services to underserved populations.

GOAL 3.6: The City shall encourage the provision of housing opportunities for people with special needs such as the homeless, the elderly, and the physically and/or mentally disabled.

Objective 3.6.1: Group Homes and Foster Care Facilities. The City shall assist the private sector to ensure adequate sites are available in residential areas, or areas of residential character, for group homes and foster care facilities licensed or funded by the Florida Department of Children and Family Services to satisfy the current and future residents of the City.

Policy 3.6.1.1: The City shall continue to review, and revise where necessary, land development regulations to ensure adequate sites in residential areas are provided for special needs populations by means of group homes and foster care facilities licensed or funded by the State of Florida or other such means as shall be deemed appropriate by the Community Development Director.

Policy 3.6.1.2: The City shall continue to provide, in the Land Development Code, adequate location standards for sites in residential areas or areas of residential character for community residential homes, including group homes, retirement homes, and foster care facilities, in accordance with applicable Florida Statutes. These facilities should be located in a variety of urban and rural locations, as appropriate.

Objective 3.6.2: Special Needs Housing. The City shall assist the private sector to create additional units and preserve existing units for households with special needs ~~including rural and farm worker housing~~ to satisfy the projected demand of dwelling units of various types, sizes, and costs ~~by 2020~~.

Policy 3.6.2.1: The City shall continue to support a variety of public and private housing initiatives for affordable housing for special needs populations in areas in close proximity to shopping, public transportation, health services, schools, infrastructure availability, and employment opportunities.

Policy 3.6.2.2: The City shall continue to support organizations which provide shelter and related services to the special needs and homeless population. Such support may include but not be limited to financial and/or technical assistance and alternative design standards and code requirements.

Policy 3.6.2.3: The City shall continue to support organizations, which assist special needs, elderly and handicapped citizens in finding decent, accessible, and affordable housing. Such support may include but not be limited to financial and/or technical assistance and alternative design standards and code requirements.

Policy 3.6.2.4: In an effort to address problems of housing for lower income elderly residents and other households with special housing needs, the City shall allow for the placement of retirement communities and elderly care facilities in areas of residential character as long as they are designed in a manner that is compatible with the character of the neighborhood.

Objective 3.6.3: Homeless. The City shall continue to seek supportive housing opportunities for the homeless and those at risk for homelessness, and ensure that Cocoa and other governments and agencies are working jointly to address these needs.

Policy 3.6.3.1: The City shall remain an active participant in the Brevard County Continuum of Care Coalition to address homelessness in the City.

Policy 3.6.3.2: The City shall designate appropriate areas for providing services for the homeless.

GOAL 3.7: The City shall promote opportunities for the creation of housing and infill development within the City.

Objective 3.7.1: Infill Development. The City shall continue to promote infill housing development by supporting alternative development standards where appropriate and feasible.

Policy 3.7.1.1: The City shall provide and retain residential land uses at varying densities and locations through comprehensive land use planning and land development regulations for affordable housing to satisfy the projected demand of dwelling units of various types, sizes, and costs by 2020, which will be needed to house the City's anticipated population through the planning horizon.

Policy 3.7.1.2: The City shall ensure adequate sites are correctly planned and zoned to accommodate the projected housing growth, including low and very low income housing, and mobile homes.

Objective 3.7.2: Vacant Land Inventory. The City shall continue to monitor and inventory vacant and underused residential land and provide this information to housing developers to stimulate the development of infill housing.

Policy 3.7.2.1: The City shall survey vacant and underutilized land within the Heart of Cocoa and Diamond Square Redevelopment Area to determine which land can be declared surplus and/or publicly acquired to be made available with conditions sufficient to stimulate the development of affordable and infill housing.

Objective 3.7.3: Land Development Regulations. To the greatest extent possible, the City's land development regulations shall not contribute to increased housing costs.

Policy 3.7.3.1: The City shall conduct periodic reviews of existing land development regulations and consider before adoption, policies, procedures, ordinances, regulations, or plan provisions that may have an impact on the cost of housing.

Policy 3.7.3.2: The City shall continue to review and assess the structuring of impact fees in relation to City housing goals and shall make recommendations for amendments to the appropriate codes if necessary.

Objective 3.7.4: Permitting Reviews. The City, where appropriate, may provide priority consideration and permitting review for affordable and infill housing projects in an effort to reduce costs and delays in the permitting review process.

Policy 3.7.4.1: The development review and permitting process for affordable and infill housing shall be streamlined through an ongoing review of the process and the adoption of a more efficient regulatory and permitting process.

Policy 3.7.4.2: The City shall continue to reduce building permit and inspection fees for City-sponsored projects that preserve or produce affordable housing.

Objective 3.7.5: Community Revitalization. The City shall continue to support the revitalization of its Florida Enterprise Zone, its designated Florida Brownfield Area, the Diamond Square Redevelopment Area and the Heart of Cocoa Area concentrating on issues such as crime, economic development, and affordable housing.

Policy 3.7.5.1: The City shall support reasonable efforts to make these areas economically diversified neighborhoods with housing, shopping, public transportation, health services, schools, and employment opportunities for all.

Policy 3.7.5.2: The City shall encourage new construction of single family homes for moderate and upper income households.

Policy 3.7.5.3: The City shall encourage neighborhood revitalization, affordable housing, and homeownership in these areas by implementing programs and regulations that promote a wide variety of housing types, sizes, and prices.

Policy 3.7.5.4: The City shall continue to pursue environmentally-related grants, such as Brownfields Assessment and Cleanup Grants, to advance the cleanup, restoration and redevelopment of City designated Brownfields areas and sites.

Policy 3.7.5.5: The City shall encourage an overall mixture of housing tenure by actively encouraging owner-occupancy within these areas.

Policy 3.7.5.6: The City shall promote design standards that encourage image improvement opportunities in the neighborhood.

Objective 3.7.6: Economic Development. The City shall seek economic solutions to address affordable housing.

Policy 3.7.6.1: To address the needs of the residents of affordable housing, the City shall explore and seek partnerships with the private and public sectors for the creation of employment and training opportunities.

IV - SANITARY SEWER ELEMENT

Serving the Community

GOAL 4.1: The City of Cocoa will provide cost effective and environmentally sound wastewater treatment service to meet existing and projected demands identified in this Plan.

Objective 4.1.1: Maintain Level of Service. Based upon adopted level of service standards, the City shall annually adopt programs and activities to facilitate implementation of a wastewater utility to serve existing and new development as well as areas where septic systems are failing.

Policy 4.1.1.1: Projected flow rates will be updated periodically based on best available data.

Policy 4.1.1.2: The City adopts the following levels of service for wastewater generation:

Development Type	Wastewater Generation
Industrial	0.02 gallons per sq. ft. per day
Office Space	15 gpd per capita
Residential	319 gallons per day per household
Schools	15 gpd per capita
Hotel/Motel	100 gpd per room
Restaurant	50 gpd per seat
Bar Lounge	20 gpd per seat

Policy 4.1.1.3: All land use plan amendments shall require an analysis of the impact of such amendment on the adopted level of service standard and existing sanitary sewer facilities.

Policy 4.1.1.4: All expansions and other improvements of residential, institutional, office, commercial and industrial uses that increase the demand on public infrastructure and require permitting shall comply with the adopted levels of service.

Policy 4.1.1.5: When evaluating collection force main and lift station capacity, the City shall use a peak factor of 3.0 times the average daily flows (ADF).

Policy 4.1.1.6: The City shall encourage continuing education of operating staff to ensure proficiency with respect to optimization of sanitary sewer maintenance and operation processes.

Policy 4.1.1.7: The City shall comply with bond covenants, if any, to ensure the maintenance and operations of facilities, and to provide recommendations for system maintenance and improvements.

Policy 4.1.1.8: Sanitary sewer facilities shall be replaced and existing deficiencies shall be corrected based upon the following priorities:

A. Any project correcting an immediate threat to the health, safety, or welfare of the City's residents will receive priority over the expansion of a facility or the correction or replacement of a non-threatening facility.

B. Any project that will correct an existing deficiency will receive priority over a project to expand the system.

C. Projects that will result in the system exceeding the adopted level of service will be denied.

Objective 4.1.2: Future Sanitary Sewer System. The City shall ensure that the sanitary sewer system is adequate to service the incorporated limits of the City, where the City has an existing legal commitment to provide services, and additional areas outside the incorporated limits as deemed feasible and practical by the City.

Policy 4.1.2.1: When feasible the City will enter into agreements with other government agencies related to the provision of treated wastewater effluent outside of the City's corporate limits. Such agreements will include all necessary legal requirements, rates, financing, specifications, and relevant information pertinent to the provision of treated wastewater effluent to and from the City.

Policy 4.1.2.2: ~~By 2012~~ ~~T~~the City will continue to coordinate with Brevard County to encourage support of all wastewater objectives and policies that are relevant to the enclaves or areas identified through an urban reserve agreement. The City will inform the County of all changes in its service area for utilities and will request that the County inform the City of all proposed development within this service area.

Policy 4.1.2.3: The wastewater system will operate as an enterprise fund, on a revenue-supported basis with user fees covering all operational costs. Revenue bonds and grant funds will provide additional financing for system improvements and expansion.

Policy 4.1.2.4: The City will maintain a plan for extending the wastewater collection system and necessary pumping facilities to developing parts of the City and to areas for potential annexation outside the City.

Policy 4.1.2.5: Following a determination of concurrency for sanitary sewer, and adequate sanitary sewer facilities are in place prior to the impact of development, the City shall require payment of applicable sewer impact fees upon development approval prior to issuance of a certificate of occupancy.

Policy 4.1.2.6: By ordinance, the City shall mandate connection to the City's central sewerage system when available.

Objective 4.1.3: Treatment and Disposal. The existing treatment system will operate at the tertiary treatment level including all appropriate tests and procedures as

required by FDEP and any other relevant governmental agency. System modification and expansion shall include consideration of appropriate changes in treatment level.

Policy 4.1.3.1: The City's sanitary sewer system will be operated in compliance with all local, state and federal regulations and standards.

Policy 4.1.3.2: The City will participate in intergovernmental strategies and programs related to the provision of wastewater service and disposal of treated wastewater effluent within Brevard County, including the coordination of consolidation of wastewater treatment service when it is in the best interest of the citizens of Cocoa.

Policy 4.1.3.3: The City shall coordinate its utility and transportation planning efforts to take advantage of the most economical construction and maintenance costs possible when installing, repairing and/or replacing utility lines, roads and sewers.

Policy 4.1.3.4: The City shall continue the implementation of the reclaimed water system as deemed feasible.

Policy 4.1.3.5: Sludge disposal agreements will be maintained with the Brevard County Landfill (dry) and at least one private contractor (wet).

Policy 4.1.3.6: Wastewater reuse for irrigation and other non-potable uses will be expanded into areas throughout the City where customer use is anticipated to be 25% or greater within five years of installation.

Objective 4.1.4: On-site Wastewater Disposal. The permitting and installation of additional septic tanks or package plants within the incorporated city limits will be discouraged or prohibited, except where on-site disposal represents the most efficient cost effective and environmentally compatible alternative. That decision will be based on availability of central sanitary sewer facilities and on available technical information regarding soils, groundwater table elevations, subsurface hydrology, percolation rates and other factors.

Policy 4.1.4.1: The City will coordinate with health officials to assure sewer availability to developed properties with failing septic systems.

Policy 4.1.4.2: The City will coordinate with Brevard County Consumer Health Services to evaluate each permit for a septic tank system located within the incorporated City limits.

Policy 4.1.4.3: The City will coordinate with Brevard County Consumer Health Services to establish procedures for the monitoring of all septic tanks within the incorporated City limits.

Policy 4.1.4.4: The City will develop a plan to phase-out septic tank use wherever feasible and cost effective.

Policy 4.1.4.5: The City will coordinate with Brevard County to support this objective with regard to the enclaves and any areas identified through an urban reserve agreement.

Policy 4.1.4.6: Wastewater package plants will only be allowed in the event that sewer capacity is not scheduled to be available or to satisfy on-site pretreatment required by the City.

Policy 4.1.4.7: ~~By 2012 the~~The City will adopt an ordinance prohibiting package plants within the incorporated City limits and will coordinate with Brevard County to encourage support of all objectives and policies that are relevant to the enclaves or areas identified through an urban reserve agreement.

Objective 4.1.5: Land Development Regulations. The land development regulations shall be evaluated periodically to ensure that future development within the incorporated limits of the City is coordinated with City wastewater plans.

Policy 4.1.5.1: Approval of new development will be based in part, upon an evaluation of the impact of the development on the City's wastewater treatment system.

Policy 4.1.5.2: The City will require all new collection lines and lift stations constructed by public and private developers to be constructed according to City standards, and, at the City's option, to be dedicated to the City.

Policy 4.1.5.3: The City will require the total costs (extension of lines, alterations to lift stations and the cost of plant capacity) for providing new wastewater service to be borne by the specific users of the new service. Reduction in costs to the new users may be made if deemed necessary or beneficial by the City to accomplish specific goals (e.g. environmental concerns, economic growth, and customer base growth).

V - SOLID WASTE ELEMENT

Serving the Community

GOAL 5.1: The City will provide efficient solid waste collection service to the residents of Cocoa while protecting the environment and public health.

Objective 5.1.1: Solid Waste Collection. The City shall continue to provide for solid waste collection services to City residents and commercial establishments throughout the planning horizon.

Policy 5.1.1.1: The collection service will be operated with revenues from monthly service fees.

Policy 5.1.1.2: The City will maintain land development regulations that require development review procedures to evaluate the impact of proposed land development projects on the collection system through concurrency review procedures.

Policy 5.1.1.3: The City shall ensure adequate equipment to maintain the following level of service standard for solid waste collection:

Solid Waste	Disposal (Brevard County Landfill) Cocoa Distribution Rate: 1.2 tons per capita per year
	Collection Residential: 1 to 2 times per week as needed, each household Non-residential: 2 to 6 times per week as needed, each location Green Waste and Recyclable: Once per week

Policy 5.1.1.4: The City will maintain and enforce the litter ordinance, including the removal of litter from drainage ditches.

Objective 5.1.2: Solid Waste Disposal. The City shall continue to coordinate with Brevard County for the processing and disposal of solid waste at the county facility in a safe and efficient manner.

Policy 5.1.2.1: The City will deliver its solid waste to the Central Brevard Solid Waste Processing facility in accordance with Brevard County requirements.

Policy 5.1.2.2: City participation in any activities related to the expansion of the solid waste processing facility to meet future needs will be based on annual summaries of proportional use data from Brevard County for solid waste service.

Policy 5.1.2.3: The City shall coordinate with Brevard County and the East Central Florida Regional Planning Council to monitor and control the disposal of hazardous wastes in accordance with state law.

Policy 5.1.2.4: The City shall require that all hazardous waste generators within the City properly manage their hazardous wastes in conformance with mandates of the Federal Resource Conservation and Recovery Act and other applicable laws.

Policy 5.1.2.5: The City shall continue to cooperate with and promote Brevard County's public information program to increase public awareness of the nature, harmful effects and proper disposal methods of hazardous waste.

Policy 5.1.2.6: The City shall continue to develop educational programs for the general public and solid waste professionals to encourage hazardous waste source reduction and recycling.

Policy 5.1.2.7: The City shall continue to provide applicable employee training for inspection, identification and disposal of hazardous waste materials.

Objective 5.1.3: Recycling. The City shall encourage~~require~~ the reduction in the volume of solid waste collected through resource recovery, recycling, and conservation programs.

Policy 5.1.3.1: The City shall continue to develop educational programs for the general public and solid waste professionals to encourage waste reduction.

Policy 5.1.3.2: To the fullest extent feasible, the City will encourage public and private sector participation in solid waste recovery, recycling, and conservation programs.

Policy 5.1.3.3: The City shall coordinate with Brevard County with respect to solid waste management and waste recycling programs.

Policy 5.1.3.4: The City will assist the efforts of Brevard County in promoting the reduction of the solid waste stream.

VI - STORMWATER MANAGEMENT ELEMENT

Serving the Community

GOAL 6.1: The City shall ensure the provision of a stormwater management system of appropriate capacity and functionality to protect public health and safety, fulfill requirements of the National Pollutant Discharge Elimination System (NPDES) and Total Maximum Daily Loads (TMDL's).

Objective 6.1.1: Protect Groundwater Recharge, Natural Drainage Features and Water Quality. The City shall continue to require, through the enforcement of development standards, the protection of groundwater recharge, natural drainage features and surface water quality from the impacts of development.

Policy 6.1.1.1: The City's land development regulations shall contain standards that require post-development groundwater recharge rates equal to or greater than pre-development rates.

Policy 6.1.1.2: The City shall include stormwater treatment measures and associated "best management practices" such as earthen berms, swales, settling basins, retention/detention facilities, filtration facilities, natural vegetation and vegetative buffers, oil/grease baffles and skimmers, porous pavement materials, street sweeping and similar devices and practices intended to improve overall water quality in any adopted design standards and land development regulations.

Policy 6.1.1.3: The City will continue to reduce the quantity and improve the quality of stormwater discharge into receiving water bodies and wetlands by continuing to maintain and operate the following stormwater storage/treatment systems:

A. The Rockpond Project treats stormwater runoff from 170+ acres of developed land in Cocoa that discharges into the St. Johns River. This project is a cooperative effort with the City of Rockledge and Brevard County.

B. Bracco Pond treats 1800 acres of untreated stormwater in the City that currently drain directly into the Indian River Lagoon, and continues to be utilized, as permitted, as a supplemental water supply to the City's Reclaimed Water System. Water quality will be monitored in accordance with its Florida Department of Environmental Protection (FDEP) requirements.

C. The Riverfront Park Project stormwater treatment system treats urban stormwater runoff from 20+ acres and will continue to be monitored for its performance in accordance with its St. Johns River Water Management District. permit

D. North Fiske Stormwater Pond treats stormwater runoff from Florida Department of Transportation's widening of US 1.

E. Continue to seek additional projects for retrofitting stormwater systems utilizing best management practices and seeking grants as available.

Policy 6.1.1.4: The City shall require that proposed new development does not alter natural drainage patterns and water storage capabilities so that increased volumes of water are discharged onto surrounding properties or that surface drainage flow are not impeded or retarded so as to create or contribute to flooding or diminished land usage, unless such lands have been purchased or designated by the City for stormwater storage purposes.

Policy 6.1.1.5: The City shall inspect businesses as needed to protect against illegal dumping or drainage of hazardous, toxic or deleterious substances into the City's stormwater management system for conveyance into receiving water bodies.

Policy 6.1.1.6: The City, as required by NPDES permit and the Basin Management Action Plan (BMAP) process, shall collect, compile and evaluate water quantity and quality data for conveyance systems and water bodies that transport and receive flow from stormwater runoff originating from within City Limits. The City will use the surface water quality monitoring program for the purposes of assisting in:

A. Establishing baseline or ambient water quality conditions where none presently exist, and updating existing data on present conditions;

B. Determining the quality of discharges from particular stormwater outfalls suspected of being significant sources of pollutant discharge;

C. Identifying further capital improvements or performance standards for development which are needed to protect aquatic grass beds, wetlands, and water bodies.

Policy 6.1.1.7: The City shall maintain a comprehensive inventory of all components of the City's surface water management system as part of the City's Surface Water Management Plan, which will be updated in 2012 and every five years thereafter, to include the determination and identification of:

A. Water flow patterns, hydro periods and the boundaries of all drainage basins within the City that receive stormwater from within the City, and those basins that receive stormwater from within and outside of the City;

B. Current land uses within each of the identified drainage basins;

C. All point source discharges;

D. Surface water that does not meet Florida Department of Environmental Protection (FDEP) standards;

E. 100-year flood-prone areas, including all floodplains;

F. Extent of existing excess (uncommitted) water flow and storage capacity;

G. Extent of existing deficiencies, including flow and storage capacities;

H. Improvements necessary for the proper operation and management of the Surface Water Management System; and

I. Engineering, biological, and other studies needed to develop the prioritized needs, types and locations of public capital improvement projects and additional performance standards for development.

Objective 6.1.2: Maintenance and Operation of Public Stormwater Facilities. The City shall ensure that all stormwater management systems under the City's authority receive the proper levels of operation and maintenance necessary for the effective accomplishment of their intended water management functions.

Policy 6.1.2.1: Surface water management projects will be implemented in accordance with the adopted Surface Water Management Plan, as updated, and the Capital Improvements Element.

Policy 6.1.2.2: The City shall inspect public stormwater management system components and undertake required maintenance on at least an annual basis.

Policy 6.1.2.3: The City shall coordinate with various public entities such as the SJRWMD, FDEP, Brevard County, and with various civic organizations, in the preparation and dissemination of information to the public regarding litter control, fertilizers, pesticides and herbicides usage and proper application procedures, and the proper disposal of pollution-causing substances and materials.

Policy 6.1.2.4: The City shall continue to implement and update the Surface Water Management Plan. Specifically, the plan will contain such elements as the following as they are developed by the City or other agencies acting to protect and enhance the waters outlined in the plan:

A. Determine the boundaries of all drainage basins within the City limits to which stormwater within the City drains and the boundaries of all drainage basins, within and outside of the City limits, from which the City receives drainage;

B. Identify, quantify, and prioritized flooding situations by magnitude, frequency and severity of impact, including the ability of existing wetlands and water bodies to assimilate stormwater, based on an analysis of plant communities,

without degrading the vitality of the natural wetland communities;

C. Develop a plan for solving or avoiding flooding situations including a preferred alternative and at least one alternative solution for each flooding situation that will accomplish significant reduction or elimination of pollutants in both stormwater and point source discharge from reaching receiving water bodies and wetlands for each drainage basin. Solutions shall make use of non-structural methods, including performance standards for development, wherever possible;

D. Assess the general vitality and distribution of grass beds in water bodies as well as natural wetland plant communities in wetlands for those water bodies which currently receive, or can reasonably be expected to receive in the future, stormwater or point source discharges from within the City limits. Where grass beds for wetland plant communities have been or may be adversely affected by stormwater or point source discharges, develop specific strategies and an implementation schedule for eliminating these adverse impacts;

E. Design and implement a surface water monitoring protocol, including:

1. Identification of the entity charged with the responsibility of carrying out this work;
2. The type, location, and frequency of monitoring; and
3. Where the monitoring program indicates permit violations or degradation of the receiving waters or wetlands or their grass beds or plant communities, requires that retrofitting, replacement, or redesign of stormwater systems or point source discharges must be done.

F. Identify prioritized actions regarding flood control and abatement, stormwater management, environmental and resource protection and water pollution control problems, needs, issues and opportunities;

G. Identify performance standards needed to assure protection of water quality and water flow regimes and native plant communities in wetlands and water bodies; and

H. Identify the entity assigned the responsibility of undertaking or overseeing each recommended action.

Objective 6.1.3: Intergovernmental Coordination. The City shall maintain effective levels of intergovernmental coordination and cooperation with affected units of federal, state, and local government having responsibility for, or being involved in the planning,

design, construction and operation of stormwater management systems under the jurisdiction of multiple governmental agencies.

Policy 6.1.3.1: Interagency staff coordination through formal and informal means (e.g. interlocal agreements, jointly sponsored projects, watershed working groups and staff-to-staff liaison) will be maintained with Brevard County and other governmental agencies regarding downstream drainage canal capacities to ensure that flooding problems are not created by insufficient downstream flow capacity.

Policy 6.1.3.2: Information about the City's surface water management system will be provided to other agencies as requested for use in the planning, design and implementation of surface water management systems operated by other agencies.

Policy 6.1.3.3: The City shall actively participate in the preparation and implementation of applicable Surface Water Improvement and Management (SWIM) plans being undertaken by the SJRWMD that will involve or include land areas in the City or water bodies affected by drainage from the City. The City shall review and provide input to the SJRWMD in its update of the applicable SWIM plans for the Indian River Lagoon and St. Johns River. As part of the implementation of the SWIM Plan, the City shall develop and adopt specific strategies to protect and restore grass beds or wetland plant communities that have been or may be adversely affected by stormwater or point source discharge from the City, to include performance standards for development and prioritized actions to be taken by the City.

Policy 6.1.3.4: The City shall seek the advice and assistance of appropriate agencies in the design, establishment and implementation of the surface water monitoring program as required in the Joint Stipulation Agreement and Amended Final Order of the Florida Administration Commission, to include but not limited to Brevard County, the City of Rockledge, the SJRWMD, the FDEP and the U. S. Environmental Protection Agency.

Policy 6.1.3.5: Except as provided in Future Land Use Element Policy 1.1.2.7 (H), the City will require non-structural methods for flood control, wherever possible, that are designed to maintain natural flow rates and quantities of water.

Policy 6.1.3.6: Except as provided in Future Land Use Element Policy 1.1.2.7 (H), flood control for new development will be accomplished through the limitation of fill in the 100-year floodplain when economically feasible. In cases where there is no practical alternative to fill in the 100-year floodplain, compensatory storage shall be provided through excavation of a volume equivalent to the loss of storage within the

100-year floodplain resulting from the placement of fill in adjacent upland areas (above the 100-year floodplain) where such compensatory storage can be accomplished in an environmentally sound and economically feasible manner.

Objective 6.1.4: Stormwater Facilities Capacity. The City shall maximize the use of existing stormwater management facilities and require new development to construct facilities to achieve and maintain adopted stormwater management level of service standards that fulfill NPDES and TMDL mandates for stormwater quality and quantity.

Policy 6.1.4.1: The City, as part of the Surface Water Management Plan updates, shall identify and perform a comparative analysis of all capital, operational and maintenance costs associated with the identified preferred and secondary alternatives intended to address flooding, pollution control and environmental degradation problems and needs, including the following:

A. The estimated costs of undertaking individual actions involving public construction projects or major manpower commitments and an economically feasible funding source for each;

B. The proposed prioritized plan of implementation;

C. The recommended time schedule for undertaking the prioritized actions, based on levels of degradation suffered by or anticipated for wetlands and water bodies, financial capabilities and time requirements to undertake the individual actions; and

D. The list of necessary revisions to the Capital Improvements Element, including the Five-year Schedule of Capital Improvements, to reflect the prioritized actions which involve funding commitments.

Policy 6.1.4.2: Every five years, the City shall publish reports describing data obtained and progress made toward accomplishing the goals of the Surface Water Management Plan.

Policy 6.1.4.3: The City shall utilize funds from the stormwater assessment fee for correcting deficiencies in the public stormwater management system and funds from the stormwater utility service fee to provide funding for financing proposed improvements related to new development.

Policy 6.1.4.4: New development shall design stormwater management systems to meet the rules and criteria established by the City of Cocoa, the SJRWMD and the Florida Department of Environmental Protection, as applicable.

Policy 6.1.4.5: At a minimum, the existing stormwater management systems and current levels of service shall be maintained. The City shall achieve and maintain the following adopted stormwater management level of service (LOS) standards for new development and redevelopment:

STORMWATER MANAGEMENT	DESIGN STORM EVENT 25-year frequency/24-hour duration event
	ON-SITE STORMWATER MANAGEMENT Retention of the first one inch of rainfall runoff for areas of one acre or more; or retention of first one-half inch of rainfall runoff for drainage areas of less than one acre.
	STORMWATER QUANTITY Post development stormwater runoff flow rates, quantities, peaks, and velocities shall be equal to or less than levels that existed prior to development.
	STORMWATER QUALITY No significant degradation of water quality in receiving water bodies

Policy 6.1.4.6: The City shall inspect individual on-site stormwater treatment facilities following their construction and periodically to ensure proper operation and maintenance.

Objective 6.1.5: Sustainable Stormwater Management Strategies. The City shall encourage the use of sustainable, low impact development (LID) strategies to address stormwater management for developments ranging from individual building sites, to subdivisions, to large planned developments.

Policy 6.1.5.1: The City shall coordinate with local, regional, state and federal agencies to provide educational materials and forums to the public and the development community on the value and benefits of sustainable stormwater management facilities design.

Policy 6.1.5.2: For new construction or redevelopment of City buildings and facilities, the City shall utilize LID principles to the extent practicable to address stormwater management needs and to model innovative techniques:

- Manage stormwater as close to its origin as possible by using many small-scale LID techniques.
- Create a site design that slows surface flows, ~~and~~ increases the amount of time stormwater flows over the site and implements/retains pervious surfaces (areas maintained in their natural conditions or materials that permit the infiltration or percolation of water into the ground) where appropriate.~~.~~
- Increase the reliability of the stormwater system by using multiple, redundant stormwater controls.
- Integrate stormwater controls into the design of the site and use the controls as site amenities.
- Reduce the reliance on traditional collection and conveyance stormwater practices.

Policy 6.1.5.3: The City shall consider updating land development regulations to permit innovative LID techniques in the design of stormwater management facilities for development and redevelopment sites including, but not limited to the following:

- Bioretention cells or swales (also known as rain gardens);
- Cisterns and rooftop rainwater harvesting;
- Permeable concrete pavers or pavement.

Policy 6.1.5.4: The stormwater master plan shall incorporate an increase in green engineering/infrastructure solutions to reduce run off into the lagoon either directly or indirectly and provide additional opportunities for water capture and filtration. These solutions shall include but not be limited to bioswales, water detention/retention ponds, seasonal stormwater parks, trees and other native vegetation, rain gardens and other water flow diversion and capture solutions.

Policy 6.1.5.5: The City shall consider the acquisition of properties in the 100-year flood plain that can be used for public open space and function as part of a hybrid stormwater master plan that utilizes green engineering techniques such as stormwater parks, bioswales, rain gardens and others that will result the capture of water and provide natural filtration prior to entering the lagoon and will result in the removal of coastal real property from flood zone designations established by the Federal Emergency Management Agency (FEMA). These projects shall be designed in a manner that will allow for continued functionality when considering future effects from sea level rise.

VII - POTABLE WATER ELEMENT



Serving the Community

GOAL 7.1: The City shall plan for and assure an adequate supply of potable water to the citizens of Cocoa, municipalities and unincorporated areas within the franchise area granted by the State, Federal installations within the franchise area, and other customers in accordance with City of Cocoa agreements.

Objective 7.1.1: Maintain Level of Service. Based upon the adopted level of service (LOS) standards, the City shall adopt programs and activities as needed to correct existing deficiencies and maintain the public water system.

Policy 7.1.1.1: LOS standards are as follows:

AVERAGE FLOW: 122 gallons per capita per day (gpcpd) per Equivalent Residential Connection (ERC), or 340 gallons per day per ERC
PEAK DAILY FLOW: 510 gallons per day per ERC
PEAK FLOW COEFFICIENT: 1.5
PRESSURE: Normal: 55-65 psi. Peak Hour: 40-50 psi. During Fire: 20 psi.

Policy 7.1.1.2: The City shall update its LOS based on changes to the Regional and State Plans and the St. Johns River Water Management District (SJRWMD) Water Supply Facility Management Plan.

Policy 7.1.1.3: The City shall issue no development orders or permits without first determining whether adequate water supplies to serve the development will be available no later than the anticipated date of issuance by the City of a certificate of occupancy or its functional equivalent. The City will also ensure that adequate water supplies and facilities are available and in place prior to issuing a certificate of occupancy or its functional equivalent.

Objective 7.1.2: Plant Capacity. The City's Water Treatment Plant will continue to maintain sufficient design capacity to meet existing and projected flow rates based on annual summaries of capacity and demand information prepared by the City's Utilities Department.

Policy 7.1.2.1: Projected flow rates will be updated annually based on best available data.

Policy 7.1.2.2: Expansion of the design capacity of the Water Treatment Plants will be consistent with the goals, objectives and policies of the Plan and multi-jurisdictional water planning efforts in central Brevard County.

Objective 7.1.3: Service Area Development. The City will continue to provide potable water to its franchise area.

Policy 7.1.3.1: Potable water contractual agreements will include all necessary legal requirements, rates, service area specifications and relevant information pertinent to the provision of potable water service.

Policy 7.1.3.2: Development within the franchise area will be coordinated with the City specifications and requirements for provision of potable water service.

Policy 7.1.3.3: Expansion of the distribution system will continue to be funded by user fees and connection charges and supplemented with grant funds when appropriate.

Objective 7.1.4: Water Conservation. Water conservation will be ensured through standards established in the City's Consumptive Use Permit issued by the St. John's River Water Management District. All goals, objectives, and policies of the Conservation Element pertaining to use of potable water shall apply.

Policy 7.1.4.1: The City's land development regulations will include water conservation strategies. Conservation strategies may include, but are not limited to:

A. Installation of water conserving plumbing fixtures in new or renovated building construction that is, at a minimum, consistent with the requirements of the State Water Conservation Act. ~~(Section 553.14, F.S.),~~ and the Brevard County Water Conservation Plan.

B. Water reuse and/or reclamation, for irrigation, industrial use and other appropriate non-potable water use applications.

C. Requesting new development to use natural vegetation and/or drought resistant plants.

D. Continued utilization of escalating block rate water pricing for potable water use.

E. The City shall require all new development and substantial redevelopment to connect to the reclaimed water system, if available. If not available, but availability is planned within five years, require installation of dry lines for future connection to the reclaim system.

F. Continue requiring the installation of meters for reclaim service.

G. Where feasible, the City shall require reuse water or some other non-potable source of water, such as stormwater, for irrigation of all public areas owned by the City.

H. ~~By 2011, the~~The City shall continue to implement best management practices for water conservation, including any new technology not yet developed.

I. ~~By 2011, the~~The City shall adopt a water conservation ordinance for the incorporated City requiring use of such water conservation methods as use of "Florida Friendly Landscape Techniques", conduct landscape irrigation audits, conduct irrigation conservation presentations for local schools and organizations, and research and adopt low impact development techniques such as Florida's Water Star program.

J. The City shall evaluate offering incentives for increased water efficiency by giving a corresponding reduction in the standard water, sewer, and reuse water fees for new developments with proven water efficiency.

K. Encourage the use of third party, sustainable building rating and certification systems, such as the United States Green Building Council's Leadership in Energy and Environmental Design (LEED) rating system on all new developments as well as renovation projects including both private and public buildings.

Policy 7.1.4.2: The City will support water conservation through participation in existing county, state and federal programs, and by establishing its own programs, including but not limited to, developing a program to encourage retrofitting existing high volume flush toilets with low flow toilets.

Objective 7.1.5: Water Supply Facilities Work Plan (Work Plan). The City shall maintain a Water Supply Facilities Work Plan that covers a minimum ten-year planning period addressing water supply facilities necessary to serve existing and future development within the City's water service area.

Policy 7.1.5.1: The City hereby adopts into the Comprehensive Plan by reference, its Water Supply Facilities Work Plan. To ensure ongoing consistency and compliance with the SJRWMD Water Supply Management Plan as it may be amended from time-to-time, this plan will be updated through amendments to the Comprehensive Plan.

Policy 7.1.5.2: On an annual basis, the City shall update the Capital Improvements Statement attached to the Water Supply Facilities Work Plan as an appendix to update the listing of projects needed to support the Work Plan.

Policy 7.1.5.3: Within 18 months of the SJRWMD updating its Water Supply Management Plan, the City shall adopt changes to its Water Supply Facilities Work Plan as needed to keep said plan current and

consistent with the SJRWMD's plan, including population and capacity projections.

Policy 7.1.5.4: In conjunction with the SJRWMD, the City shall develop a plan to increase its use of alternative water sources. The City shall continue to participate in the Cocoa / Rockledge Interconnect and the St Johns River / Taylor Creek Reservoir alternative water supply projects.

Policy 7.1.5.5: As required by State Statute and law, the City shall maintain an annually updated ~~"cost feasible"~~ Capital Improvements Plan~~, to be updated annually~~ in conjunction with updates to the Capital Improvements Element of the City of Cocoa Comprehensive Plan.

Policy 7.1.5.6: The Water Supply Facilities Work Plan will be consistent with the potable water level of service standards established in Policy 7.1.1.1.

Policy 7.1.5.7: The Water Supply Facilities Work Plan will be updated within 18 months of any ~~the~~ District Water Supply Plan SJRWMD ~~2005~~ updates that affects the City.

Policy 7.1.5.8: When updating the Water Supply Facilities Work Plan the City will seek alternative sources of water in order to meet projected demand increases.

Policy 7.1.5.9: The Water Supply Facilities Work Plan will be used to prioritize and coordinate the expansion and upgrade of facilities used to withdraw, transmit, treat, store and distribute potable water to meet future needs.

Policy 7.1.5.10: The City will establish and maintain at a minimum a current five year ~~"cost feasible"~~ schedule of capital improvements for the improvement, extension, and / or increase in capacity of water facilities.

Policy 7.1.5.11: The City will compare the CIP with the CIE of the Comprehensive Plan annually to ensure compatibility and consistency between the two documents.

Policy 7.1.5.12: The City shall develop and maintain a water quality calibrated hydraulic model and accurate GIS maps for the potable water system.

Policy 7.1.5.13: The City shall develop and maintain a 20-year master plan for the potable water system with comprehensive updates conducted not less frequently than once every five years.

Objective 7.1.6: Alternative Water Supply. The City shall identify and use water supply sources that are consistent with the Water Supply Facilities Work Plan and the SJRWMD Water Supply Management Plan.

Policy 7.1.6.1: The City shall develop feasible alternative sources of water, while avoiding adverse impacts on the natural environment.

Policy 7.1.6.2: The City shall maximize the use of alternative water supplies and implement management techniques in order to sustain water resources, and enhance existing supplies.

Objective 7.1.7: Water Supply Sources. The City will identify and utilize sources of water that can be used to meet existing and future needs when maintaining and updating the Water Supply Facilities Work Plan.

Policy 7.1.7.1: In conjunction with the SJRWMD and other local governments the City will seek the development of efficient cost effective and technically feasible water sources that will supplement future demands without causing adverse impacts to water quality wetlands and aquatic systems. These sources may include but are not limited to brackish groundwater, surface water, and seawater.

Policy 7.1.7.2: The City will maximize the use of existing potable water facilities through the implementation of management techniques that can enhance a source of supply, sustain water resources, and related natural systems and/or optimize water supply. These techniques may include but are not limited to aquifer storage recovery; reclaimed water system interconnects, and water conservation.

Policy 7.1.7.3: The City's annual water consumption will be equal to or less than the amount allocated under the District issued consumptive use permit.

Policy 7.1.7.4: The City will participate in updates of the SJRWMD's water supply assessments and updates of the District Water Supply Plan to enable the City to effectively update design and implementation aspects of the City's water supply plan.

Objective 7.1.8: Provision of Potable Water on a Wholesale Basis. When feasible, the City will enter into agreements to provide potable water on a wholesale basis to other potable water suppliers in need of potable water outside of the City's franchise area.

Policy 7.1.8.1: Any wholesale water agreements will include all necessary legal requirements, rates, financing specifications, and relevant information pertinent to the provision of potable water on a wholesale basis.

Policy 7.1.8.2: All wholesale water agreements will be consistent with the standards and requirements established in the City's Consumptive Use Permit(s) issued by the St. Johns River Water Management District.

VIII - NATURAL GROUNDWATER AQUIFER RECHARGE ELEMENT

CITY OF COCOA

Serving the Community

GOAL 8.1: The City shall protect and preserve the function of the surficial fresh-water aquifer and recharge areas within the City of Cocoa to ensure an adequate source of quality and quantity of potable water.

Objective 8.1.1: Intergovernmental Coordination. The City shall coordinate with other agencies and continue to enforce measures in the City Code that will ensure preservation of natural recharge to the City's groundwater resource and conservation of its potable water sources.

Policy 8.1.1.1: The City shall coordinate with Brevard County, the SJRWMD and other state and federal agencies in the education of residents and business owners on water conservation and the protection of groundwater.

Policy 8.1.1.2: The City shall continue to coordinate with Brevard County, Orange County, the SJRWMD and state and federal agencies to achieve regional aquifer recharge protection objectives.

Policy 8.1.1.3: In order to reduce the potential for saltwater intrusion and to protect existing groundwater supplies, the City shall continue to require the expansion of the alternative water supply and distribution system.

Objective 8.1.2: Best Management Practices. The City shall recognize best management practices and include these in the land development regulations to protect and preserve the quality and quantity of groundwater occurring in the City of Cocoa.

Policy 8.1.2.1: The City shall continue to enforce land development regulations that establish standards for development to protect recharge areas through the requirement for landscaping and open space.

Policy 8.1.2.2: The City shall continue enforcement of its land development regulations to ensure that land uses requiring the routine application of pesticides or herbicides or requiring underground storage of hazardous materials maintain a groundwater monitoring program designed to detect contamination of the surficial aquifer.

Policy 8.1.2.3: The City shall require that development within high aquifer recharge areas maintain pre-development net recharge in the post-development condition to protect ground and surface water quality.

Policy 8.1.2.4: The City shall identify critical high aquifer recharge areas that are vital to the protection of natural systems and/or current or future sources of potable water and require a higher level of protection for these areas than required elsewhere in the City, including, but not limited to, lower impervious surface ratios, higher open space requirements and enhanced stormwater runoff protection measures.

Policy 8.1.2.5: Pervious surface shall be defined as land that is not built upon with any structure or pavement nor has any feature that prevents surface

water from percolating into the ground and recharging the aquifer. Wet stormwater ponds, wetlands and lakes shall be excluded from meeting the pervious surface requirement.

IX - COASTAL MANAGEMENT ELEMENT

CITY OF COCOA

Serving the Community

GOAL 9.1: ~~The~~ The natural resources of the City's coastal planning area shall be preserved, protected or enhanced, as physically, fiscally, and practically feasible in light of impacts from sea level rise, to provide the highest possible water quality, habitat for fish and wildlife and use for public recreation while safeguarding human life, property and public expenditures.~~natural resources of the City's coastal planning area shall be preserved, protected or enhanced to provide the highest possible water quality, habitat for fish and wildlife and use for public recreation.~~

Objective 9.1.1: Coastal Planning Area: The Coastal Planning Area (CPA) shall be defined as the hazard area as delineated in Figure CM-1 which includes:

(1) The Coastal High Hazard Area (CHHA);

(2) Areas of the City vulnerable to a Category 3 storm surge as established by a Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model;

(3) Areas of the City vulnerable to sea level rise by 2070 based on the 2013 USACE High sea-level-rise curve;

(4) Other areas of the City identified by the City Council as being subject to, or in the immediate vicinity of areas subject to, coastal erosion, flooding or sea level rise.

Policy 9.1.1.1: If 20% or more of a parcel is located within the CPA, then the entire parcel shall be considered within the CPA.

Policy 9.1.1.2: The CPA shall also serve as the Adaptation Action Area in accordance with Sections 163.3164(1) and 163.3177(6)(g)10 Florida Statutes with the purpose of increasing funding opportunities (such as grants) and identifying creative solutions for increasing the resiliency of the Adaption Action Area against natural hazards, flooding and sea level rise, so that the City may:

(1) Protect the health, safety and welfare of residents

(2) Prevent damage to public and private property

(3) Reduce National Flood Insurance Program premiums to property owners

(4) Prioritize policies, projects and funding that implement flood alleviation improvements and mitigation projects

~~**Policy 9.1.1.1:**~~**Policy 9.1.1.3:** Every 7 years, the City shall use public input, subject matter experts and best available science/data to refine the identification of the Coastal Planning Area.

Objective 9.1.2: Protection of Marine Resources. The City shall protect and restore, where possible, the following natural resources and environmental attributes within its control: endangered species and their habitat, native vegetation and wildlife, fisheries and estuarine habitat, water quality, wetlands, and floodplains.

Policy 9.1.2.1: The City shall continue to coordinate coastal planning area environmental protection and restoration efforts with adjacent local governments, and shall institute procedures to ensure that development and restoration activities are consistent with existing resource protection plans.

Policy 9.1.2.2: The City shall, with the assistance of the Marine Resources Council of East Florida, identify all resource protection plans for the Indian River and Cocoa coastal planning area which exist or are in development.

Policy 9.1.2.3: The City shall ensure that its plans, procedures, and development criteria conform to the guidelines provided by resource protection plans for the Cocoa coastal planning area.

Policy 9.1.2.4: The City shall minimize the disturbance of natural shorelines to improve and continue the stabilization, protection and habitat benefits natural shorelines provide through the prioritization of the use of living shorelines over new or replacement armoring in the coastal planning area. The City shall review and update related City Ordinance(s), to require evidence as to whether a project is eligible for permitting by the US Army Corps of Engineers under "Nationwide Permit (54) Living Shorelines" and evidence as to whether a living shoreline offers sufficient protection to the property. If "evidence" as described in the updated ordinance demonstrates that a living shoreline is not sufficient to protect property and life, additional structural elements may be added but must be accompanied by living shoreline elements to the extent practical and feasible.

Policy 9.1.2.5: The City shall maintain shoreline protection and erosion control by working with property owners and Brevard County to facilitate the installation and maintenance of native shoreline vegetation, oyster matts and other natural techniques along appropriate areas.

Policy 9.1.2.6: Public expenditures in the coastal planning area, when available, will consider including programming improvements that restore and enhance natural resources.

~~**Policy 9.1.2.1:** The coastal planning area shall be that area as defined by the Coastal High Hazard Area.~~

~~**Policy 9.1.2.2:** The City shall continue to coordinate coastal planning area environmental protection and restoration efforts with adjacent local governments, and shall institute procedures to ensure that development and restoration activities are consistent with existing resource protection plans.~~

~~**Policy 9.1.2.3:** The City shall, with the assistance of the Marine Resources Council of East Florida, identify all resource protection plans for the Indian River and Cocoa coastal planning area which exist or are in development.~~

~~**Policy 9.1.2.4:** The City shall ensure that its plans, procedures, and development criteria conform to the guidelines provided by resource protection plans for the Cocoa coastal planning area.~~

Objective 9.1.3: Estuarine Environmental Quality. ~~The~~ The City shall preserve and protect the environmental quality of estuarine environments by limiting specific impacts and cumulative impacts of development or redevelopment while considering future impacts of sea level rise and flooding.~~City shall preserve and protect the environmental quality of estuarine environments by limiting specific impacts and cumulative impacts of development or redevelopment.~~

Policy 9.1.3.1: The City shall actively participate in the Surface Water Improvement and Management (SWIM) Plan administered by the St. Johns River Water Management District (SJRWMD) for the Indian River Lagoon.

Policy 9.1.3.2: The City shall participate in future updates to the Indian River Lagoon Comprehensive Conservation and Management Plan, most recently updated in 2008, and will continue to support and implement the action plan items applicable to the City.

Policy 9.1.3.3: The City shall coordinate with the SJRWMD, the Florida Department of Environmental Protection (FDEP), the U.S. Army Corps of Engineers, and/or any other relevant regulatory agency, to conserve, enhance, and protect coastal wetlands.

Policy 9.1.3.4: The City shall, through its land development regulations, protect coastal natural resources from the impacts of development.

Policy 9.1.3.5: The City shall continue to work with Brevard County to implement the recommendations of the Brevard County Manatee Protection Plan as well as Save Our Indian River Lagoon Projects. ~~-~~

Policy 9.1.3.6: The City shall continue to implement National Pollution Discharge Elimination System (NPDES) nonpoint source permitting program.

Policy 9.1.3.7: The City shall coordinate estuarine water quality with the Brevard County Natural Resource Management Office. Corrective actions shall be coordinated with the SJRWMD and FDEP.

Policy 9.1.3.8: The City shall continue to use alternative methods of effluent disposal such as re-use and land spreading/spray irrigation to reduce nutrient loadings in the rivers and estuaries.

Policy 9.1.3.9: The City shall work with property owners to encourage and implement minimum buffer, where feasible, of native vegetation between the shoreline and turf.

Objective 9.1.4: Priority of Lagoon Shoreline Land Uses. The City shall continue to promote appropriate land uses along the Lagoon consistent with the public need, while protecting natural resources.

Policy 9.1.4.1: The City shall give priority in coastal development to those land uses that are dependent on or related to water access.

Policy 9.1.4.2: The approval of shoreline development proposals by the City shall be based upon the following shoreline use priorities:

A. Water dependent uses such as recreation, marinas and water dependent industry and utilities and uses approved as part of the City's Redevelopment Plan.

B. Water-related or enhanced uses such as certain utilities, water-related commerce and water enhanced recreation.

Policy 9.1.4.3: Industrial uses along the Indian River Lagoon in the City shall be prohibited.

Policy 9.1.4.4: The City shall require that new marinas, mooring fields and substantial improvements or additions to existing marinas demonstrate compliance with the following criteria:

A. Economic need and feasibility;

B. Land use compatibility with surrounding land uses;

C. Availability of upland support services;

D. Availability for public use;

E. A plan to ensure that water quality will not be degraded below existing FDEP water classification standards. The plan shall address the maintenance and containment of stormwater runoff and wash-down water for dry storage areas and sanitary sewer disposal;

~~E.~~F. Minimize shoreline hardening structures

~~F.~~G. Hurricane contingency planning;

H. Designation by the Clean Marina Program;

~~G.~~I. A plan for mitigation activities in the event that the environment is adversely affected;~~ and~~

J. An educational plan for users regarding impacts on the Lagoon is in place; and

K. A plan for adaptation or mitigation strategies for sea level rise through 2070 and flood impacts to vulnerable infrastructure or facilities on the property in order to minimize damage and impacts to the property and lagoon.

~~H.~~**Policy 9.1.4.5:** The City shall promote strategies and site development techniques with existing and new marinas to reduce impacts from sea level rise, flooding and storm surge such as, but not limited to, natural shorelines, dry or wet flood proofing, elevation of structures and infrastructure, and floating docks.

Objective 9.1.5: Public Expenditures in the Coastal Planning Area. The use of public funds for infrastructure improvements which subsidizes increased development in the Coastal Planning Area (CPA) will prioritize projects which restore or enhance natural resources, are part of the City's Redevelopment Plan and/or serve to reduce risk of existing development and property hazards such as sea level rise, flooding and storm surge.

Policy 9.1.5.1: Public expenditures for capital improvements that promote public access, hazard mitigation and use of coastal areas shall be reviewed through the annual budget process to minimize loss potential and account for future impacts from sea level rise and flooding.

~~**Objective 9.1.5:** Public Expenditures in Coastal High Hazard Area. The use of public funds for infrastructure improvements which subsidize increased development in the Coastal High-Hazard Area (CHHA) will be restricted to those projects which restore or enhance natural resources and/or part of the City's Redevelopment Plan.~~

~~**Objective 9.1.6:** The CHHA is delineated as the area below the elevation of the Category 1 storm surge line as established by a Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model.~~

~~**Objective 9.1.7:** Public expenditures for capital improvements that promote public access and use of coastal areas shall be reviewed through the annual budget process to minimize loss potential.~~

~~**Policy 9.1.7.1:**~~**Policy 9.1.5.2:** ~~The use of local funds to subsidize new development in the CHHA shall be thoroughly considered prior to public investment and limited in most cases.~~Local funds used to subsidize new development through new or improved infrastructure shall be limited within the CPA. New or improved infrastructure in the CPA shall not be used to justify new development in the CPA where the new or improved infrastructure removes previous capacity/safety impediments to additional development.

~~**Objective 9.1.8:**~~**Objective 9.1.6: Public Access to the Lagoon.** The City shall continue to promote public access to the Lagoon consistent with the public need and to

promote scenic views, while protecting natural resources and mitigating risk from natural hazards.

~~Policy 9.1.8.1:~~Policy 9.1.6.1: The City shall, where appropriate and to the extent physically and financially feasible while considering impacts from sea level rise and flooding, maintain and preserve all public access and water-related recreational facilities and shall inventory existing public access to the lagoon and water-related recreational facilities to identify deficiencies and opportunities.

~~Policy 9.1.8.2:~~Policy 9.1.6.2: The City shall encourage the preservation of recreational and commercial working waterfronts as defined in section 342.07, F.S.

~~Policy 9.1.8.3:~~Policy 9.1.6.3: The City shall adopt Brevard County's marina siting criteria by ~~2012.~~2022.

~~Policy 9.1.8.4:~~Policy 9.1.6.4: The City shall continue to consider the purchase of frontage areas along the Indian River Lagoon, as needed, to ensure adequate public access, improve the estuarine area and serve as areas to mitigate impacts from storm surge, sea level rise and flooding.

~~Policy 9.1.8.5:~~Policy 9.1.6.5: The City shall continue to seek County, state and federal programs to provide funding for purchase of riverfront property.

~~Policy 9.1.8.6:~~Policy 9.1.6.6: The City shall coordinate with the County to ensure bikeway linkages to waterfront parks and public water access.

~~Policy 9.1.8.7:~~Policy 9.1.6.7: The City shall continue to coordinate with other coastal cities and Brevard County to investigate and implement equitable measures to promote the provision or funding of public access ways to the Indian River Lagoon by new development.

~~Policy 9.1.8.8:~~Policy 9.1.6.8: The City shall encourage, through the development review and approval process, the voluntary dedication of access to public waterways including designated scenic areas, conservation easements and other green space or natural areas with infrastructure strictly limited to that necessary for safe public access.

GOAL 9.2: The City shall, as practically and financially feasible, establish and implement strategies for new development, redevelopment and investment in public facilities, utilities and infrastructure to protect and mitigate losses to human life and property in areas subject to natural disasters, flooding, and sea level rise. ~~establish strategies to protect human life and property in areas subject to destruction by natural disasters.~~

Objective 9.2.1: Coastal High Hazard Area (CHHA). The City shall continue to direct population concentrations away from the CHHA through implementation of the

future land use map, land development code and through the development review and approval process.

Policy 9.2.1.1: The Coastal High Hazard Area is delineated as the area below the elevation of the Category 1 storm surge line as established by a Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model.

~~**Policy 9.2.1.1:**~~**Policy 9.2.1.2:** The City shall continue to evaluate non-conforming land uses within the CHHA.

Policy 9.2.1.3: In order to continue to direct population away from the CHHA, any~~the~~ increase of density~~ties~~ for~~of~~ properties within the CHHA shall generally be discouraged from the time of this plan's adoption.

Objective 9.2.2: Development, redevelopment, rebuilds, retrofits and additions in the City shall be planned and managed through strategies and design principles that are consistent with sound planning practices that protect life and property from the effects of flooding, storm surge and related impacts of sea level rise and that protect the long-term financial viability of the City.

Policy 9.2.2.1: All new development and redevelopment shall be consistent with, or more stringent than, the flood resistant construction requirements in the Florida Building Code and applicable flood plain management regulations set forth in 44 C.F.R. part 60.

Policy 9.2.2.2: The City shall require site development techniques that encourage more efficient and climate resilient development practices that include, but are not limited to:

- Low impact development techniques on private and public property that provide for site design, engineering and stormwater management to reduce stormwater runoff, encourage greater onsite storage, reuse or absorption and mitigate flood impacts such as pervious pavement, native vegetation, rain gardens or barrels, etc.
- Prioritization of living shoreline installation and maintenance.
- Allowance of specialized fortification techniques as recommended by the Florida Green Building Council.

Additionally, the City shall continue to further explore standards that increase the City's coastal resiliency, such as requiring development to build at least three feet above the area's Base Flood Elevation or reducing the development's total amount of required parking while increasing the facility's potential for water absorption and retention.

Policy 9.2.2.3: The City shall utilize, but not be limited to, the following tools, site development techniques and strategies for use within the coastal planning area and areas within the 100-year floodplain to implement and integrate in order to mitigate flooding and effects of sea level rise and storm surge in order to protect property, to the greatest physical and financial extent possible:

(1) Green street techniques to divert, capture or absorb water in a way to reduce flood impacts on private property, including, but not limited to street trees, landscaped areas and vegetative curb extensions, bioswales, vernacular streetscapes, and roadway re-design.

(2) Hybrid stormwater masterplan to integrate a combination of green and gray infrastructure, including but not limited to bioretention, increasing pipe capacity, stormwater parks, rain gardens/bioswales, pumps, and water flow diversion strategies.

(3) Underground utilities in vulnerable and feasible areas;

(4) Establish new parking standards and parking lot site plan design with greater water capture techniques;

(5) Increase of set-back lines for properties in the CPA

(6) Natural dune restoration

(7) Permeable pavement

(8) Dry and Wet flood proofing of structures

(9) Green/Open space

Policy 9.2.2.4: The City shall not allow nursing homes, assisted living facilities, hospitals, or other group homes to be located in the Coastal Planning Area.

Objective 9.2.3: Plan and Process Consistency. The City will work to institute the practice of adapting and mitigating the built environment to address natural hazards, flooding, and impacts from sea level rise across all plans, policies, procedures and coordination with partner agencies.

Policy 9.2.3.1: The City shall audit and update all plans, policies, processes and other related documents to be consistent with the peril of flood goals, objectives and policies set forth in the comprehensive plan.

Policy 9.2.3.2: The City will work with City staff and the public to integrate and implement the 2019 City of Cocoa Resilience Action Plan.

Policy 9.2.3.3: The City, as per its adoption of the East Central Florida Regional Resilience Action Plan, will continue to collaborate regionally with

other entities and stakeholders to advance resilience across the region.

Policy 9.2.3.4: The City, as per adoption of the East Central Florida Regional Resilience Action Plan will integrate the regional approach to sea level rise planning with its plans, procedures and policies. The City will consider a range of rise based upon the vulnerability, allowable risk, and project service life and the forecast project "in-service" date of a facility or development. The range will include a minimum rise of 5.15 feet by 2100 (2013 USACE High) with an upper range of 8.48 feet by 2100 (2017 NOAA High). Short-term planning should consider impacts out to 2040, 1.22 -1.85 feet (20-year planning horizon), medium-term planning should consider impacts out to 2070 (2.85-4.47 feet) (50-year planning horizon), and long-term planning should extend out to 2100 (80-year planning horizon).

Policy 9.2.3.5: The City shall assess current policies, ordinances and codes to increase mixed-use development in areas outside the 100-year flood plain, sea level rise, and flooding.

~~**Objective 9.2.2:**~~**Objective 9.2.4:** **Evacuation Times.** The City shall cooperate with Brevard County to ensure evacuation times are maintained or reduced and to ensure efficient evacuation of threatened residents to areas of safety in the event of a natural disaster.

~~**Policy 9.2.2.1:**~~**Policy 9.2.4.1:** In the event of a hurricane emergency the City will respond to the direction of the Brevard County Office of Emergency Management in the implementation of emergency plans. Coordinated emergency activities will include, but are not limited to warning, public information, communications, evacuation, public shelters and related welfare services.

Policy 9.2.4.2: The City will continue to require that development and redevelopment activities minimize the risks to life and property from natural disasters by evaluating the effects on evacuation times within the hurricane vulnerability zones.

~~**Policy 9.2.2.2:**~~**Policy 9.2.4.3:** The City shall generally discourage any increase in density within the Coastal High Hazard Area.

Objective 9.2.5: **Post-Disaster Redevelopment Plan.** The City shall develop a post-disaster redevelopment plan (PDRP) to establish, at minimum, long-term policies regarding redevelopment, infrastructure, densities, nonconforming uses, and future land use patterns.

~~**Policy 9.2.2.3:**~~**Policy 9.2.5.1:** The City shall ~~adopt a post-disaster redevelopment plan by 2014.~~develop a City specific post-disaster redevelopment plan by 2024.

~~**Policy 9.2.2.4:**~~**Policy 9.2.5.2:** Appropriate redevelopment activities in the Coastal Planning Area will be conducted through means which will institute appropriate resilience planning for private property in coordination with goals, objectives and policies consistent with the comprehensive plan, mitigate conditions hazardous to life and property; identify, preserve, and improve historic resources and significant historic structures, sites, neighborhoods, and districts; preserve and improve natural resources; encourage recreational opportunities; and encourage appropriate commercial uses as physically and financially feasible when considering increasing levels of flooding, storm surge and the effects of sea level rise.~~redevelopment activities in the Coastal Planning Area will be conducted through means which will preserve and improve residential neighborhoods, eliminate unsafe conditions; identify, preserve, and improve historic resources and significant historic structures, sites, neighborhoods, and districts; preserve and improve natural resources; encourage recreational opportunities; and encourage appropriate commercial uses.~~

~~**Policy 9.2.2.5:**~~**Policy 9.2.5.3:** Guidelines for post-disaster redevelopment and hazard mitigation will continue to be developed and included in the City's land development regulations. These guidelines will be designed to reduce or eliminate the exposure of human life and limit repeat damage to public and private property due to hurricane hazards, account for the future impacts of sea level rise, and to promote the long-term economic and fiscal viability of the City. The guidelines will incorporate Brevard County's Local Mitigation Strategies into recommendations on hazard mitigation and other applicable interagency reports, as well as applicable chapters of the City Code or articles thereof.~~for post-disaster redevelopment and hazard mitigation will continue to be developed and included in the City's land development regulations. These guidelines will be designed to reduce or eliminate the exposure of human life and limit repeat damage to public and private property due to hurricane hazards. The guidelines will incorporate Brevard County's Local Mitigation Strategies into recommendations on hazard mitigation and other applicable interagency reports, as well as applicable chapters of the City Code or articles thereof.~~

~~**Policy 9.2.2.6:**~~**Policy 9.2.5.4:** Post-disaster redevelopment will be coordinated jointly by the Community Development, Public Works, and Code Enforcement departments and, if applicable, with the Federal Emergency Management Agency. Priority will be given to those post-disaster tasks needed to protect the health and safety of the public, restore public services and repair damaged infrastructure.

Policy 9.2.5.5: The City shall prepare inventories of properties for acquisition and removal, including repetitive loss properties and establish clear priorities for the use of acquisition resources.

Policy 9.2.5.6: The City shall continue to participate in the National Flood Insurance Program Community Rating System administered by the Federal Emergency Management Agency to achieve flood insurance premium discounts for their residents.

~~**Policy 9.2.2.7:**~~**Policy 9.2.5.7:** Procedures for post-disaster action shall include a system for distinguishing between immediate repair and clean-up actions needed to protect the public health and safety, versus long-term repair and redevelopment activities.~~.~~

~~**Policy 9.2.2.8:**~~**Policy 9.2.5.8:** ~~Procedures for post-disaster action shall include a system for distinguishing between immediate repair and clean-up actions needed to protect the public health and safety, versus long-term repair and redevelopment activities.~~The City requires that any structure, including those abandoned, sustaining damage in excess of 50% of the building's assessed value comply with all City ordinances and current standards.

~~**Policy 9.2.2.9:** Reconstruction shall be required to meet current standards for coastal construction, so as to reduce future exposure.~~

Policy 9.2.5.9: Recommendations provided by local agencies and in interagency hazard mitigation reports will be reviewed as available and will be implemented as feasible.

Policy 9.2.5.10: Temporary-building moratoriums may be declared in the coastal planning area when 50% or more of the structures have been damaged by 50% or greater to assess the impacts and feasibility of redevelopment.

Objective 9.2.6: Disaster Preparedness for Entities Critical to Redevelopment. The City shall develop and implement pre-and-post disaster preparedness measures critical for redevelopment.

Policy 9.2.6.1: The City shall work with local businesses and organizations to aid in disaster planning and recovery through the development of Continuity of Operations Plans and other preparedness strategies including employee coordination.

Policy 9.2.6.2: The City shall work with local merchant associations to provide an information program about hurricane preparedness for local businesses.

~~**Policy 9.2.2.10:**~~**Policy 9.2.6.3:** As part of outreach, education and other preparedness activities, the City shall assess the development of a program to work with local businesses to certify them as hurricane prepared which will help the community recover more quickly following a storm.

Objective 9.2.7: Historically and Archaeologically Significant Resources. The City shall protect and preserve architecturally, historically and archaeologically significant resources in the City's coastal planning area through the adoption of the land development regulations, zoning code provisions, a program for public and private site acquisition, within the City's funding capabilities and with the owner's consent, and sensitive reuse of historic resources.

~~Policy 9.2.2.11:~~ **Policy 9.2.7.1:** The City shall protect historical and archaeological resources in the CPA, as physically and financially feasible, while considering future impacts, long-term strategies, and cost-benefit of the protection or adaptation measures.

~~Policy 9.2.2.12:~~ **Policy 9.2.7.2:** The City shall compile a list of all properties which have been designated as historically, architecturally or archaeologically significant on a local, state or national basis within the coastal planning area.

~~Policy 9.2.2.13:~~ **Policy 9.2.7.3:** The City shall discourage development activities that have the potential of endangering historic resources located within the coastal planning area.

~~Policy 9.2.2.14:~~ **Policy 9.2.7.4:** The City will encourage the retention of all historic properties in the City, with sensitive, adaptive reuse being examined as an alternative to demolition. Rehabilitation, restoration, relocation, mitigation, and reuse plans and designs will be guided by the recommended approaches identified in objective criteria published by governmental agencies, preservation organizations and which the City may adopt from time to time.

~~Policy 9.2.2.15:~~ **Policy 9.2.7.5:** The City will encourage individuals, groups and organizations to submit reliable information about the history or architectural historical significance of individual properties in the City as an aid in the documentation of their significance.

~~Policy 9.2.2.16:~~ **Policy 9.2.7.6:** The City will prepare an information document containing an identification of historic resources in the City, to include address, map location, brief notation of historical significance, landmark status, ownership (Public/Private), vulnerabilities and other relevant information for public information purposes. The City will seek state funds for the preparation of the document.

~~Policy 9.2.2.17:~~ **Policy 9.2.7.7:** The City will participate, within its financial resources, with other governmental agencies, civic organizations, business groups and interested persons to purchase historic resources with the owner's consent and to accept responsibility for restoration in support with the property owner, in an "adopt-a-house" or similar

program for the purpose of maintaining historic properties in good repair, form and appearance, and for functional uses.

~~Objective 9.2.3:~~Objective 9.2.8: **Infrastructure in the Coastal Planning Area.** Level of service standards and service areas for the City as a whole, as adopted in the Capital Improvements Element, may apply to the infrastructure within the coastal planning area but with the need to consider long-term implications of increased hazards due to sea level rise and flooding and balances design considerations for the current and future impacts of sea level rise and flooding with the benefits and challenges of incorporating the impacts and maintenance during the service-life utility of infrastructure.~~of service standards and service areas for the City as a whole, as adopted in the Capital Improvements Element, will apply to the infrastructure within the coastal planning area.~~

~~Policy 9.2.3.1:~~Policy 9.2.8.1: Phasing of infrastructure will occur according to the Capital Improvements Element and in accordance with development regulations adopted subsequent to this plan with specific consideration given to protection of coastal resources.

~~Policy 9.2.3.2:~~Policy 9.2.8.2: The level of service standards adopted in other elements of this Comprehensive Plan ~~shall~~ may apply within the coastal planning area depending on evaluation of factors such as cost-benefit analysis that considers, among other factors, number of times infrastructure has been damaged, upgraded, or rebuilt; number of people served by the infrastructure; whether alternatives for the services provided by the infrastructure are present; criticality of the infrastructure for protection of safety; potential increased hazards to first responders; etc.

Policy 9.2.8.3: Consideration shall be given to alternative locations of infrastructure, hardening, elevating or other strategies if located in the coastal planning ~~high hazard~~ area to reduce potential public losses.

Policy 9.2.8.4: Infrastructure and roadway improvements within already developed public rights-of-way will be maintained as determined feasible and reasonable by City policy in good-faith attempts.

Policy 9.2.8.5: When constructing or reconstructing utilities or infrastructure, the City shall assess vulnerabilities and resilience to sea level rise, flooding and storm surge, and identify cost-effective strategies to minimize exposure and reduce impacts.

~~Policy 9.2.3.3:~~Policy 9.2.8.6: The City shall prioritize the use of Green Street techniques (reference Policy 9.2.2.2 (1)) within the Stormwater Master Plan, on public rights-of-way, to the extent financially and physically possible, to alleviate flood impacts to streets and buildings and maintain its level of service standards.

CITY OF COCOA
COMPREHENSIVE PLAN

COASTAL MANAGEMENT ELEMENT

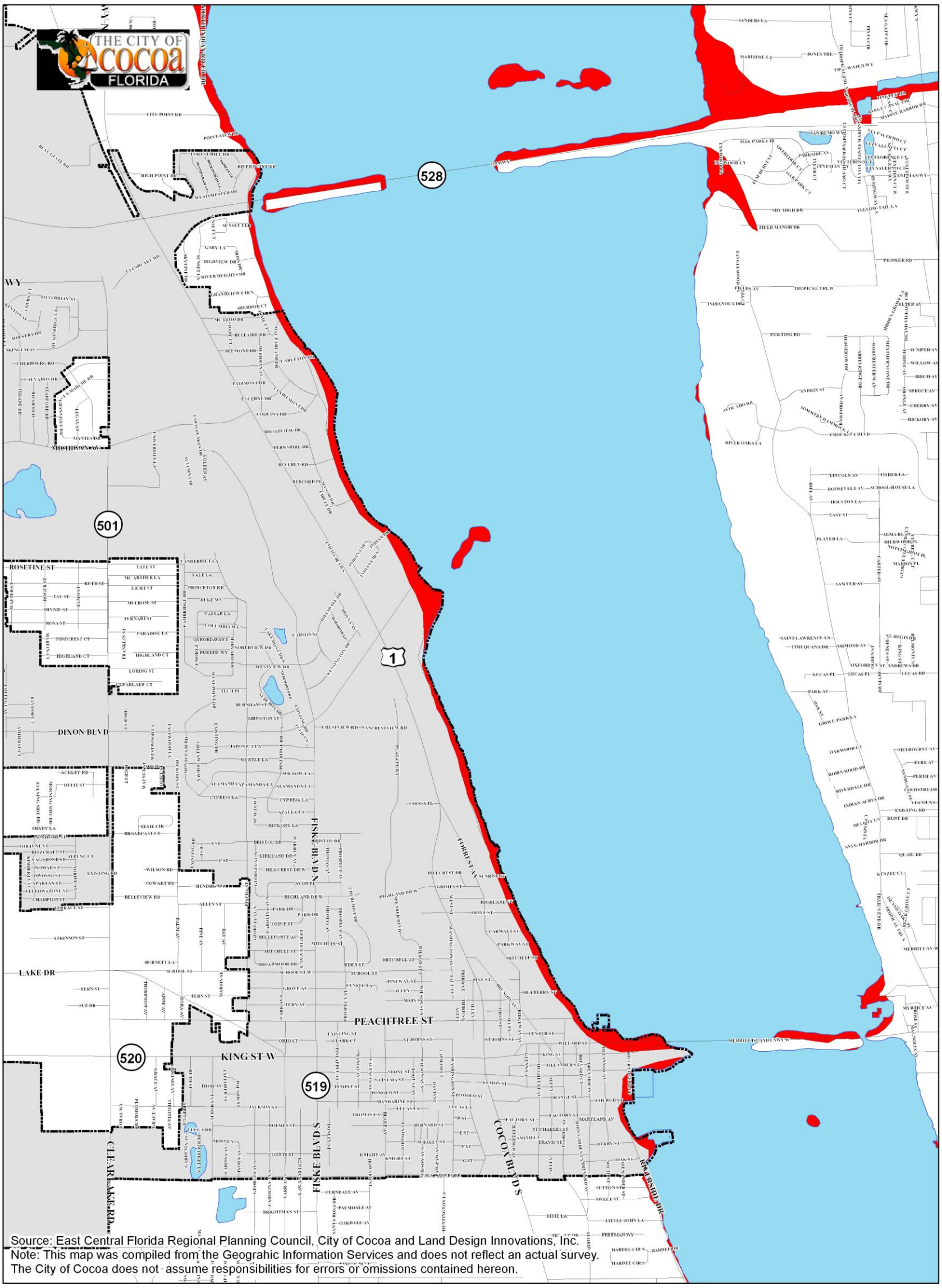
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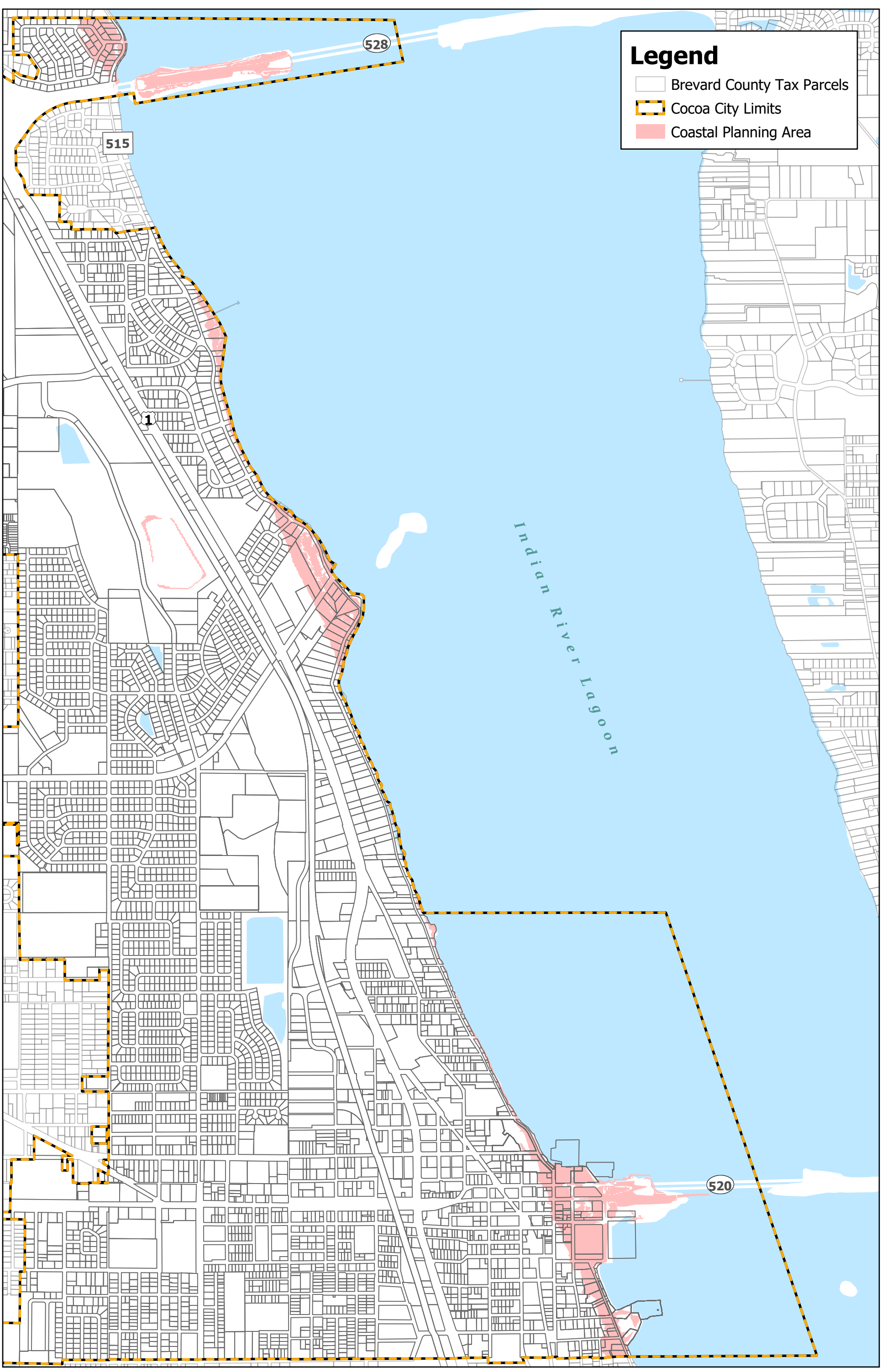
September 2019

LIST OF MAPS

Map M-IX-1: (Included in 2010 Data & Analysis only)
Map M-IX-2: Coastal High Hazard Area Map
Map M-IX-3: (Included in 2010 Data & Analysis only)
Map M-IX-4: (Included in 2010 Data & Analysis only)
Map CM-1: Coastal Planning Area (CPA) Map -- NEW MAP
Map CM-2: Existing Land Use within the CPA -- NEW MAP
Map CM-3: Future Land Use withing the CPA -- NEW MAP
Map CM-4: FEMA Floodplain within the CPA -- NEW MAP
Map CM-5: Surge Hazard (SLOSH) Map -- NEW MAP
Map CM-6: Sea Level Rise Projections -- NEW MAP

Map M-IX-2: Coastal High Hazard Area





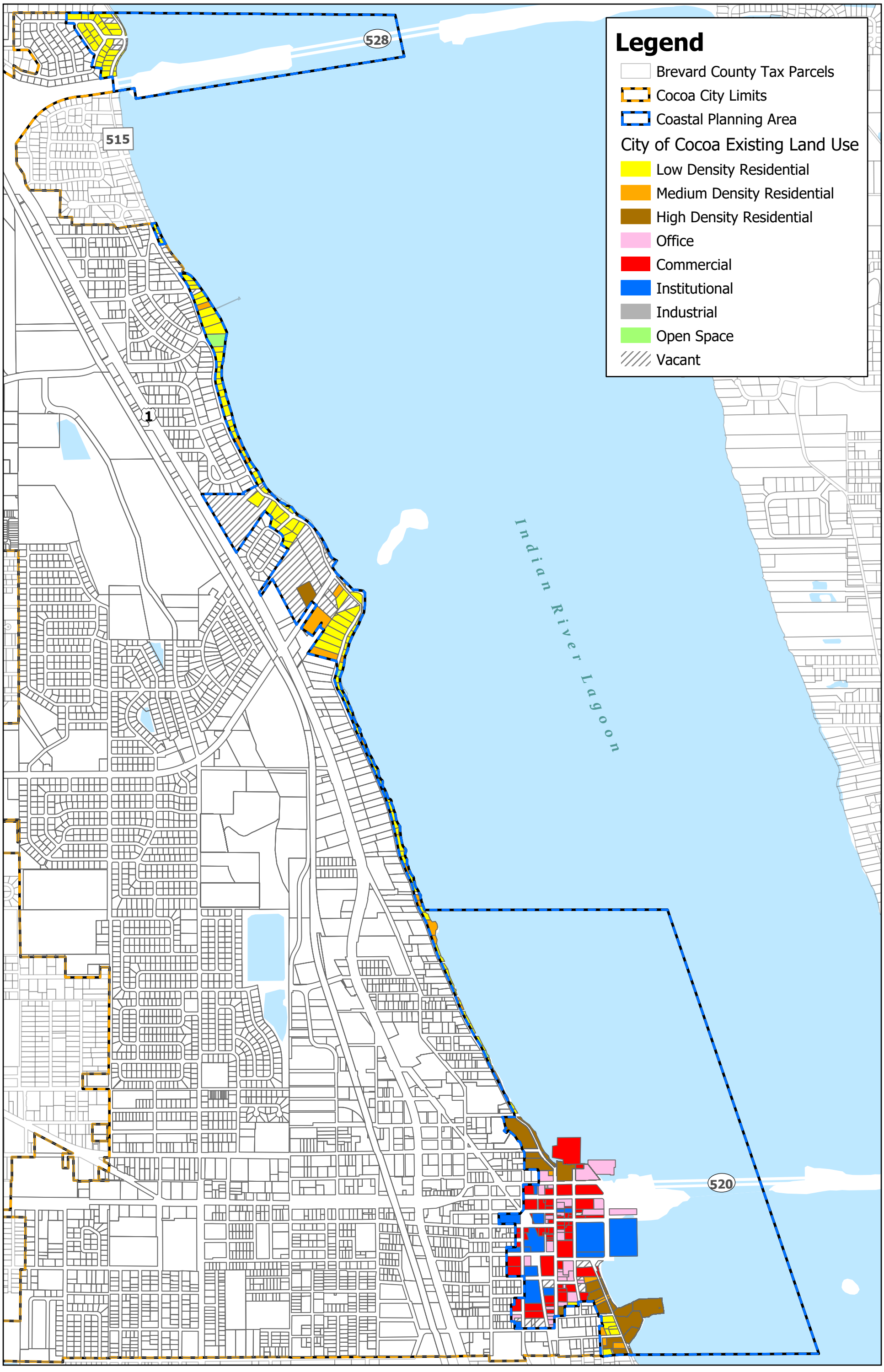
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CM-1: Coastal Planning Area Map

COCOA FLORIDA



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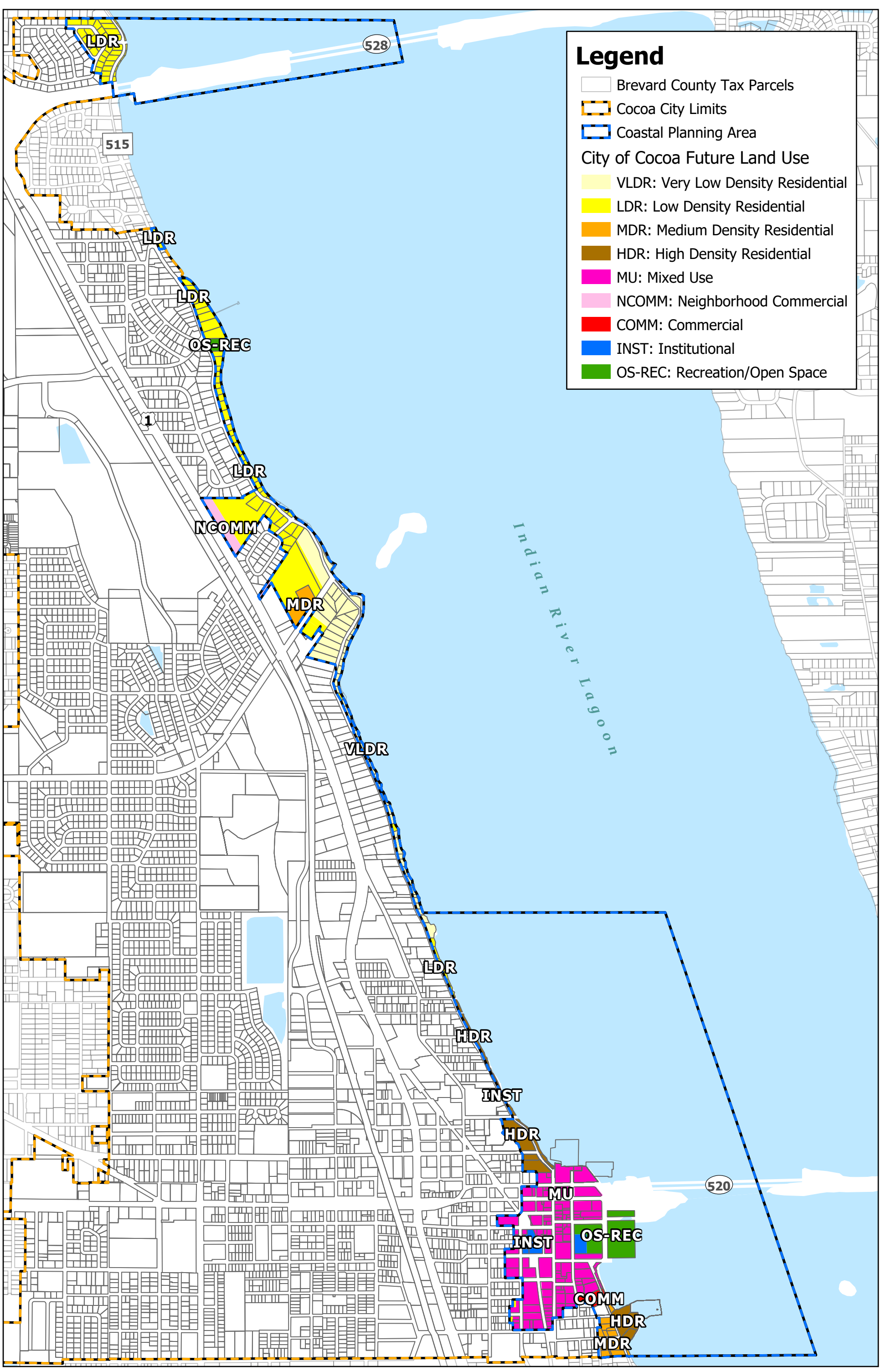
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CM-2: Existing Land Use

Within the Coastal Planning Area

COCOA FLORIDA



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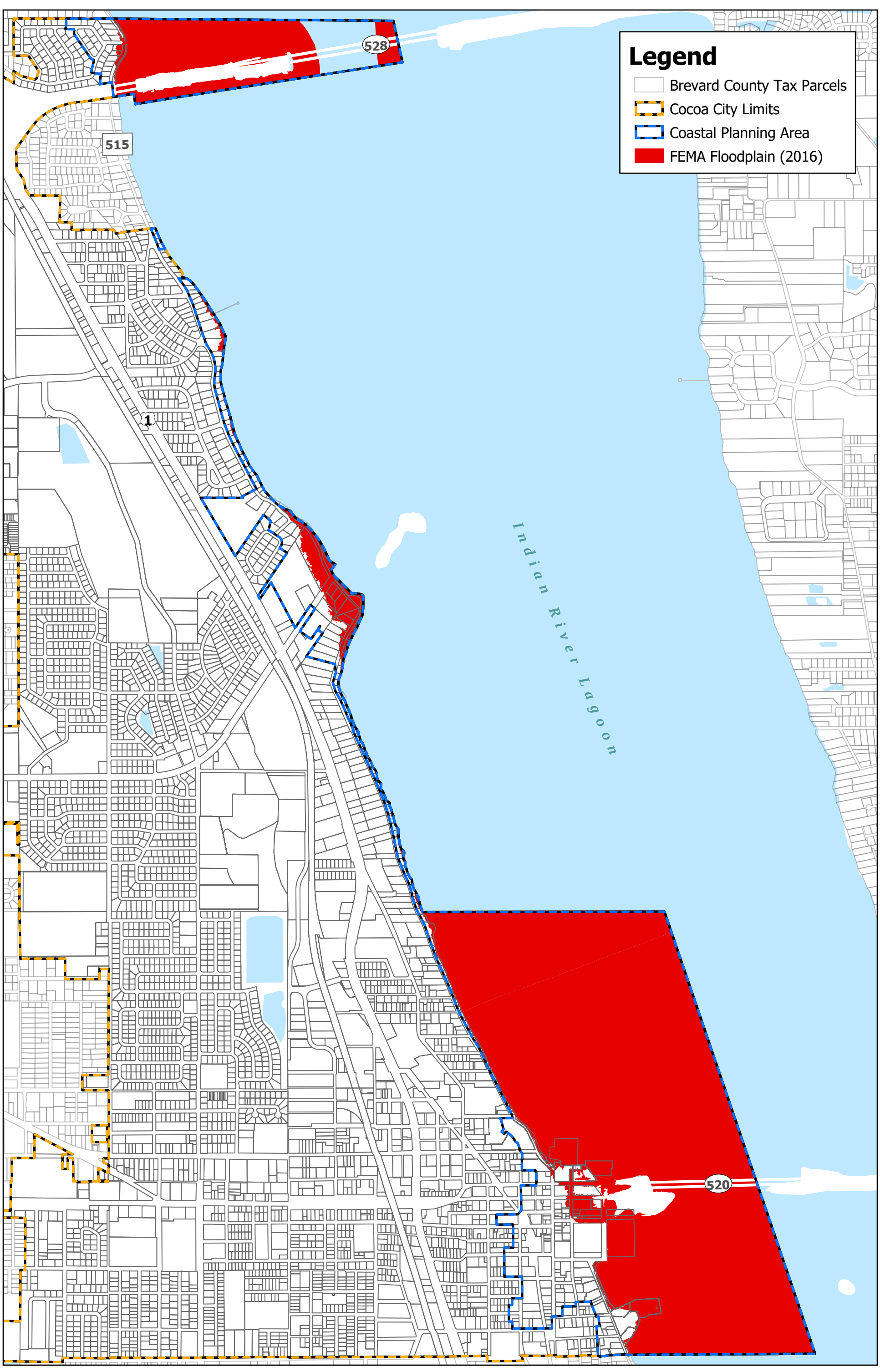
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CM-3: Future Land Use

Within the Coastal Planning Area

COCOA FLORIDA



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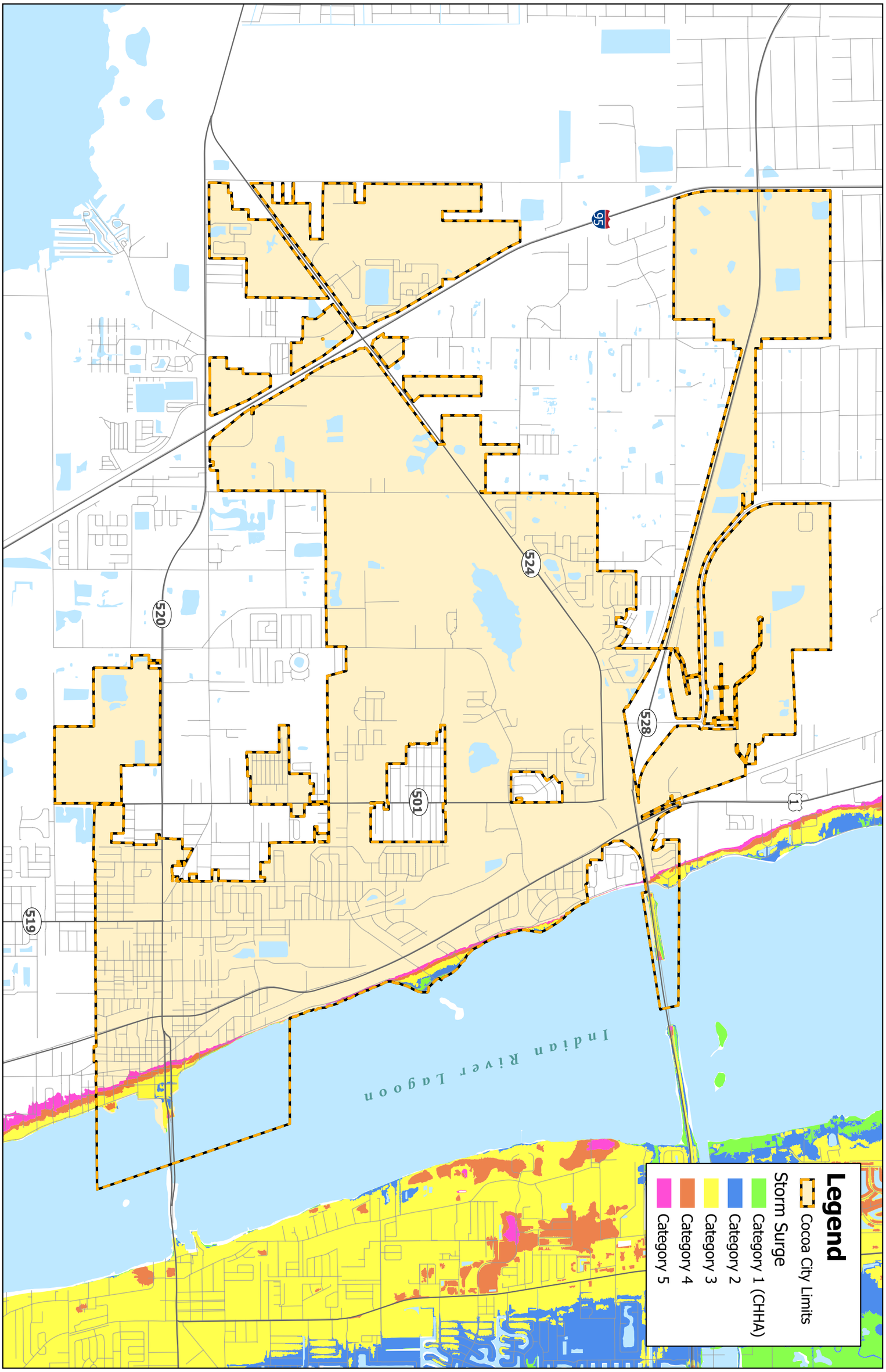
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CM-4: FEMA Floodplain

Within the Coastal Planning Area

COCOA FLORIDA



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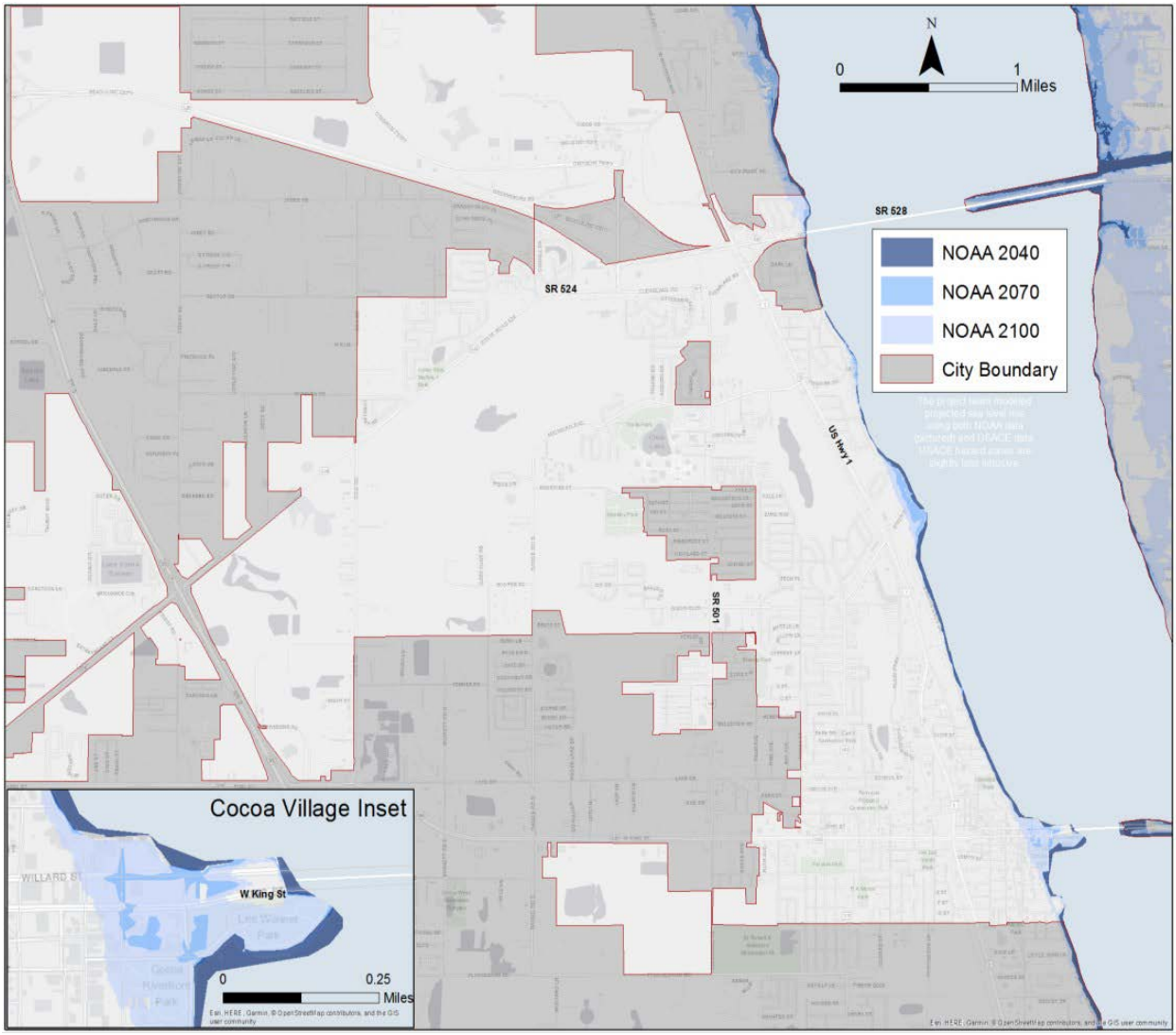
Surge Hazard Map

Within Cocoa City Limits

COCOA FLORIDA

CM-6: Sea Level Rise Projections

Based on National Oceanographic and Atmospheric Administration (NOAA)



Information provided from the 2019 Resilient Cocoa plan.

X - RECREATION AND OPEN SPACE ELEMENT

Serving the Community

GOAL 10.1: Recreational Provisions. To ensure that Cocoa residents have access to a full range of recreational opportunities.

Objective 10.1.1: The City will coordinate resources with Brevard County Parks and Recreation, the Brevard County School Board, and private resources, to meet the projected demand for parks, recreational facility and open space needs for the residents of Cocoa.

Policy 10.1.1.1: Continue the inter-governmental coordination involved in the established Brevard County Parks and Recreation District 4.

Policy 10.1.1.2: Continue to work with the School Board through the District 4 Parks and Recreation Office to expand the use and availability of School facilities to the citizens of Cocoa.

Policy 10.1.1.3: The City shall adopt the following Level of Service (LOS) for recreation needs:

Neighborhood Parks, Community Parks, and Urban District Parks	1.25 acres per 1000 population

Policy 10.1.1.4: The City shall periodically update its inventory of all recreational facilities in order to compare the level of maintenance and quality of those facilities with surrounding communities.

Policy 10.1.1.5: The City shall ensure the provision of a range of different types of facilities for passive outdoor recreational activities including nature trails or boardwalks, waterway trails, interpretive displays, educational programs, and/or wildlife observation areas.

Policy 10.1.1.6: The City will continue to coordinate with local service organizations annually to encourage participation in landscaping, supporting, and establishing recreational facility development.

Policy 10.1.1.7: The City will continue to work with Brevard County Parks and Recreation District 4 to achieve multiple community benefits during the development of parks and recreational areas.

Policy 10.1.1.8: The City will ensure that all recreational facilities are well maintained and redeveloped as needed.

Policy 10.1.1.9: The City will consider the creation of a Recreation Zoning District in the land development code.

Objective 10.1.2: The City shall provide accessibility to the recreational facilities and natural resources of the City for the enjoyment of all users.

Policy 10.1.2.1: The City will continue to work with the Brevard County Parks and Recreation District 4 to ensure the accessibility of recreational facilities for the handicapped, elderly and economically disadvantaged.

Policy 10.1.2.2: All new development of recreational facilities in the City shall be required to meet the Florida Accessibility Code.

Policy 10.1.2.3: The City will continue to work with the Brevard County Parks and Recreation Department to bring all existing recreation facilities into compliance with the Florida Accessibility Code.

Policy 10.1.2.4: The City will consider the siting of future Neighborhood Parks based on a walkable distance from residential dwellings to ensure an adequate dispersal of parks throughout the City.

Objective 10.1.3: The City shall provide interconnectivity between recreational facilities and the surrounding community.

Policy 10.1.3.1: New residential development providing recreational facilities shall be required to provide bicycle and pedestrian connections (such as sidewalks and bike paths), between all forms of recreation and the surrounding community.

Policy 10.1.3.2: Bicycle parking facilities shall be required at all new parks.

Policy 10.1.3.3: The City will work with the Brevard County Parks and Recreation Department to ensure that bicycle parking facilities are provided at all existing recreation facilities.

Policy 10.1.3.4: The City will follow the adopted WaterFront Master Plan as a supplemental plan which supports the connectivity objectives of the Comprehensive Plan.

Policy 10.1.3.5: The City will work to incorporate connectivity wherever feasible between recreational facilities in the City and the existing Brevard County Greenways and Trails Master Plan system.

Policy 10.1.3.6: The City will consider developing and adopting its own Parks and Recreation Master Plan, as well as a Pedestrian Routes and Bike Trails Master Plan.

GOAL 10.2: Open Space Provisions. Ensure the conservation of open space areas in the city to provide aesthetically pleasing buffer areas and visual open space, to serve as wildlife habitats, to act as groundwater recharge areas, to give definition to the urban area, and to enhance and preserve natural resources.

Objective 10.2.1: The land development regulations will include provisions for addressing the open space needs of the City.

Policy 10.2.1.1: The City will develop an ordinance which will define open space and set standards for open space preservation in local land development regulations.

Policy 10.2.1.2: The City will approve locating environmentally sound public access to conservation areas, nature trails, parks and passive recreational uses within dedicated upland buffers to wetlands in accordance with the policies in the Conservation Element, and only when the City determines that such uses will not adversely affect the buffers' primary functions of wetland buffering, provision of transition zone wildlife habitat, noise buffering, filtration/storage of overland stormwater runoff, visual screening and other applicable benefits. The City will not approve other uses for the buffer zone.

Policy 10.2.1.3: The City will coordinate with pertinent state and wildlife agencies and other agencies necessary to identify natural area greenways and wildlife corridors and to link existing public parks, and provide similar areas for conservation purposes.

Policy 10.2.1.4: The City shall provide efforts to coordinate the resources of other public and private natural resource preservation agencies, and will enhance efforts to fiscally support and encourage a program of public land acquisition in conjunction with current land use planning and development regulations and to create a system of natural area greenways and wildlife corridors.

Policy 10.2.1.5: The City will pursue acquisition of appropriate parcels of land through the Florida Forever Program or other appropriate City/State partnerships for the protection of environmentally sensitive lands, which protect unique, rare and/or endangered habitat, assure survival of listed wildlife species, protect scenic highway and water corridors and their shoreline ecosystems and provide public access and open space.

Policy 10.2.1.6: Uses allowed in open space and conservation areas within the City shall be limited to those compatible with and which preserve the natural character of the area, such as passive recreation, observation areas, hiking/biking and nature trails, canoeing/kayaking, primitive camping and environmental education facilities.

Policy 10.2.1.7: The City of Cocoa shall pursue a program to identify, ensure preservation of, and provide appropriate public access to areas of natural beauty and scenic importance.

Policy 10.2.1.8: The City will consider adopting the Department of Environmental Protection's definitions for "Conservation Open Space" and "Urban Open Space" as separate uses from recreation, which will be used to conserve potentially environmentally sensitive lands as well as wetlands and floodways; and will establish appropriate safeguards to ensure the future preservation of such lands in a natural state with minimal man-made impact.

Policy 10.2.1.9: The City will consider the creation of a Conservation Zoning District in the land development code.

XI - PUBLIC SCHOOLS FACILITIES ELEMENT



Serving the Community

GOAL 11.1: The City of Cocoa will ensure, through effective planning and coordination with the School District, that adequate school capacity is available to accommodate enrollment demand for City residents.

Objective 11.1.1: The City shall ensure adequate public school facilities are available in the City of Cocoa by adopting and implementing a school concurrency management system to address both short and long term planning needs.

Policy 11.1.1.1: The City adopts and shall utilize the following ~~tiered~~ Level of Service (LOS) standards for public schools adopted by the School District. The permanent capacity of a school shall be that number contained in the Florida Inventory of School Houses (FISH) maintained by the Florida Department of Education (FDOE). Currently, the LOS for the School District is 100%. ~~Once the School District achieves a 100% LOS for all schools of the same type by School Year 2011-2012, the tiered LOS shall terminate and the LOS for the purpose of determining concurrency shall be 100%. It should be noted that at the time the school concurrency management system is being implemented that all public school facilities serving Cocoa residents are operating below the desired level of service.~~

~~Facility Type~~	~~2009-2010~~	~~2010-2011~~	~~2011-2012~~
~~Elementary Schools~~	~~115%~~	~~105%~~	~~100%~~
~~Middle Schools~~	~~100%~~	~~100%~~	~~100%~~
~~Junior/Senior High Schools~~	~~110%~~	~~105%~~	~~100%~~
~~High Schools~~	~~115%~~	~~100%~~	~~100%~~

Policy 11.1.1.2: When necessary, the School Board shall initiate appropriate program changes, boundary adjustments, and/or additional capacity to prevent the tiered LOS standards from being exceeded.

Policy 11.1.1.3: Concurrency shall be measured and applied using a geographic area known as a Concurrency Service Area (CSA) which shall coincide with the school attendance boundaries adopted by the School District. Either the City or the School District may propose a change to the CSA boundaries. The following procedures shall be used for modifying the CSA map:

A. The School District will transmit proposed CSA map modifications, with supporting data and analysis, to the City, other local governments, and the Capital Outlay Committee (COC). Any proposed change to a CSA shall require a demonstration by the School District that the change complies with the public school LOS standard and that utilization of school capacity is maximized to the greatest extent possible, taking into account transportation costs, court approved desegregation plans and other relevant factors. Adjustment measures to achieve the LOS standard shall include school boundary adjustments, shifts to

contiguous CSA's with available capacity, proportionate share mitigation (land donation or payment), or construction of a traditional or charter school or permanent expansions.

B. The City and the COC will review the proposed modification of the CSA and send their comments to the School District within 45 days of receipt of the proposed change.

C. The modification of a CSA shall be effective upon adoption by the School Board.

Policy 11.1.1.4: For purposes of determining a proposed development's impact, the total number of students expected to be generated by the development, the projected number and type of residential units of the proposed development shall be multiplied by the School District Student Generation Multiplier (SGM). The SGM shall be reviewed annually and amended as necessary to reflect the most recent district-wide generation rates.

Policy 11.1.1.5: The City shall participate with the School District, utilizing the following process, in considering and processing changes in the use of schools:

A. Following a determination by the School District that a school change is appropriate, considering the appropriate use of the school and utilization requirements, the School District shall transmit the proposed school use change and the associated data and analysis in support of the requested change to the Capital Outlay Committee and Staff Working Group.

B. The Capital Outlay Committee and Staff Working Group shall review the proposed changes to the school use, along with the supporting data and analysis, and send their comments to the School District within forty five (45) days of receipt.

C. The change in school use shall become effective upon final approval by the School Board.

Objective 11.1.2: The City shall ensure adequate public school capacity exists to accommodate new students generated by residential development. The City shall forward all applications for a residential development permit to the School District for a school concurrency evaluation and determination.

Policy 11.1.2.1: The City shall adopt necessary and appropriate provisions into its Land Development Regulations (LDR) to implement school concurrency management as contemplated in the Interlocal Agreement with the Brevard County School District and consistent with the objectives and policies of its Public Schools Facilities Element.

Policy 11.1.2.2: The City shall not approve any non-exempt residential development application for a new residential preliminary subdivision, site plan or functional equivalent until the School District School has issued a School Capacity Availability Determination Letter (SCADL) verifying available capacity.

Policy 11.1.2.3: The City shall consider the following criteria to exempt residential uses from the requirements of school concurrency:

A. Single family lots of record existing prior to the commencement date of the School Concurrency Program.

B. Any new residential development that has preliminary subdivision or site plan approval or the functional equivalent for a site specific development order prior to the commencement date of the School Concurrency Program.

C. Any amendment to any previously approved residential development that does not increase the number of dwelling units or change the type of dwelling units (single-family to multi-family, etc.).

D. Age restricted communities with no permanent residents under the age of 18. Exemption of an age restricted community will be subject to a restrictive covenant limiting the age of permanent residents to 18 years and older.

E. The replacement of an existing residential dwelling unit, including those partially or entirely damaged, destroyed or demolished, with a new unit of the same type and use provided that the existing unit has been occupied at some time during the five-year period immediately preceding the construction of the new unit.

Policy 11.1.2.4: The City, through its land development regulations, and in conjunction with the School District, shall establish a school concurrency review process for all residential projects that are not exempt under Policy 11.1.2.3.

The minimum process requirements shall be as follows:

A. A residential development application including a School Impact Analysis (SIA) is submitted to the City for review.

B. The City determines application is sufficient and complete and transmits the SIA application to the School District for review.

C. The School District reviews the SIA application for available capacity and issues a School Capacity Availability Determination Letter (SCADL) to the City consistent with the following:

1. Where capacity is available within the affected CSA, the School District shall issue a SCADL verifying available capacity.
2. Where capacity is not available within the affected CSA, capacity availability in one or more contiguous CSAs shall be reviewed.
3. If capacity is available in one or more of the contiguous CSAs, the School District shall issue a SCADL verifying available capacity in the adjacent CSAs.
4. If capacity is not available in the contiguous CSAs, the School District shall issue a SCADL indicating the development is not in compliance with the adopted LOS and offers the developer a 90-day timeframe in which to negotiate with the City and the School District regarding mitigation options or alternatives.

Policy 11.1.2.5: New school capacity within a CSA which is in place or under actual construction within three (3) years after the issuance of final subdivision or site plan approval, or the functional equivalent, shall be counted as available capacity for the residential development under review.

Policy 11.1.2.6: The City, in conjunction with the School District, shall review applications for proportionate share mitigation projects to add school capacity necessary to accommodate the impacts of a proposed residential development. Mitigation options may include, but are not limited to:

A. Contribution of land or payment for land acquisition in conjunction with the provision of additional school capacity; or
B. Mitigation banking based on the construction of a public school facility in exchange for the right to sell capacity credits; or
C. Donation of buildings for use as a primary or alternative learning facility; or
D. Renovation of existing buildings for use as learning facilities; or
E. Construction or expansion of permanent student stations or core capacity; or
F. Construction of a public school facility in advance of the time set forth in the School District's Five-Year District Facilities Work Program.

Policy 11.1.2.7: The estimated cost to construct the mitigating improvement(s), consistent with the mitigation options listed in Policy 11.1.2.4, shall

be calculated to reflect, and consider, the estimated future construction costs at the time of the anticipated construction.

A. Improvements contributed by the developer shall receive school impact fee credit.

B. The cost difference between the developer's mitigation costs and the impact fee credit, if greater, shall be the responsibility of the developer.

Policy 11.1.2.8: Consistent with Policy 11.1.2.4.C.4, the City and the School District shall provide a 90-day negotiation period to allow for the review and negotiation of proportionate share mitigation proposals offered by a developer.

A. Where mitigation is approved, the City and the School District shall enter into a binding and enforceable agreement with the developer, the improvement(s) will be included in the School District's annually adopted Five-Year District Facilities Work Program, and the improvement(s) will be reflected in the next update to the Capital Improvements Element.

B. Where mitigation is denied, the City must deny the application for residential based upon insufficient school capacity being available.

C. The City shall not issue any permit(s) for a residential development until receiving confirmation of available school capacity in the form of a SCADL from the School District.

Policy 11.1.2.9: The City shall notify the School District when an approved residential development has paid impact fees and when the development order for the residential development expires.

Policy 11.1.2.10: The City may allow a landowner to proceed with development of a specific parcel of land notwithstanding a failure of the development to satisfy school concurrency, if all the following factors are shown to exist:

A. The proposed development would be consistent with the future land use designation for the specific property and with pertinent portions of the City of Cocoa Comprehensive Plan.

B. The CIE and the Brevard School Board's Work Plan provide for school facilities adequate to serve the proposed development or the project includes a plan that demonstrates that the capital facilities needed as a result of the project can be reasonably provided.

~~**Policy 11.1.2.9:**~~C. The landowner is assessed a proportionate share of the cost of providing the school facilities necessary to serve the proposed development.

Objective 11.1.3: Beginning with an effective date of 2009 and no later than December 1st of each year thereafter, the City will include in its Capital Improvements Element (CIE), the School District's annually updated five-year schedule of capital improvements as adopted by the School Board, which identifies school facility capacity projects necessary to address existing deficiencies and meet future needs based upon achieving and maintaining the adopted level of service standard for schools.

Policy 11.1.3.1: The City of Cocoa hereby adopts by reference the School District's Five-Year District Facilities Work Program for the planning period ~~2010-2011~~2018-2019 through ~~2014-2015~~2022-2023, approved on ~~September 28, 2010~~October 23, 2018.~~.~~

Policy 11.1.3.2: The City shall annually update the Capital Improvements Element to incorporate the School District's annually adopted Five-Year District Facilities Work Program's "Summary of Capital Improvements Program" and "Summary of Estimated Revenue" Tables which shall identify school facility capacity projects which are necessary to address existing deficiencies and meet future needs and demonstrate the School District can maintain the adopted LOS standard for the five-year planning period, as supported by data and analysis. ~~demonstrating financial feasibility.~~

Policy 11.1.3.3: The City shall, in conjunction with the School District, other local governments and through the Capital Outlay Committee, review school enrollment projections and provide an annual update of the process, including the Public School Facilities Element and maintain a public school facilities map series which are coordinated with the City's Future Land Use Map or Map Series, including the planned general location of schools and ancillary facilities for the five-year planning period and the long-range planning period. At a minimum, the Map Series shall include:

A. Concurrency Service Area Map;

B. Existing Public School Facilities Map - type and location of ancillary plants;

C. Five-Year Planning Period Map - generally planned public school facilities and ancillary plants; and

D. Long Range Planning Period Map – generally planned areas of future public school facility needs.

Objective 11.1.4: The City shall participate with the School District, through its membership on the Capital Outlay Committee (COC), to monitor the implementation and administration of school concurrency as well as to further coordinate planning and school concurrency issues.

GOAL 11.2: The City, working cooperatively with the School District, shall ensure new public schools are appropriately located and integrated into the community where they provide the greatest maximum benefit to the residents of the City and are valued as a vital community resource and amenity.

Objective 11.2.1: New public schools built within the City will be coordinated with the School District to ensure consistency and conformity with the City's adopted Comprehensive Plan and its implementing land development regulations except where exempted by statutory authority, such as local landscape ordinance requirements.

Policy 11.2.1.1: The School District shall avoid locating new public schools on the periphery of the City's boundaries or in areas that would encourage urban sprawl.

Policy 11.2.1.2: The City shall review construction and/or site plans in a timely manner and provide comments to the School District as to the consistency with the City's adopted comprehensive plan and implementing land development regulations.

Objective 11.2.2: New public schools built within the City will be coordinated with the School District to ensure that proposed school facilities are located proximate to existing and proposed residentially developing areas, within appropriate existing and future land uses; serve as community focal points; are co-located with other appropriate public facilities; will have needed supporting public facilities and services; and be compatible with surrounding land uses.

Policy 11.2.2.1: The City, in conjunction with the School District, shall jointly determine the need for, and timing of, on-site and off-site improvements necessary to support a new school.

Policy 11.2.2.2: The City shall enter into an agreement with the School Board identifying the timing, location, and the party or parties responsible for the planning, constructing, operating, and maintaining off-site improvements necessary to support a new school or school improvement to ensure that the necessary infrastructure is in place prior to or concurrent with construction.

Policy 11.2.2.3: The City shall encourage the location of schools near residential areas by:

A. Assisting the School District in the identification of funding and/or construction opportunities (including developer participation or City capital budget expenditures) for sidewalks, traffic signalization, access, water, sewer, drainage and other infrastructure improvements.

B. Reviewing and providing comments on all new school sites including the compatibility and integration of new schools with surrounding land uses.

C. Allowing schools within all residential land use categories.

Policy 11.2.2.4: The City, in conjunction with the School District, shall seek opportunities to co-locate schools with public facilities, such as parks, libraries, and community centers, as the need for these facilities is identified.

Policy 11.2.2.5: The City, in conjunction with the School District, shall identify issues relating to public school emergency preparedness, such as:

A. The determination of evacuation zones, evacuation routes, and shelter locations.

B. The design and use of public schools as emergency shelters.

C. The designation of sites other than public schools as long-term shelters, to allow schools to resume normal operations following emergency events.



CITY OF COCOA
COMPREHENSIVE PLAN

PUBLIC SCHOOLS FACILITIES ELEMENT

October 2010

LIST OF MAPS

Map M-XI-1: Five-Year and Long Range Planning Period Maps
Map M-XI-2: Elementary School Location and Concurrency Area Map
Map M-XI-3: Middle School Location and Concurrency Area Map
Map M-XI-4: High School Location and Concurrency Area Map
Map M-XI-5: Existing School Facilities and Ancillary Plants Map

Five-Year Planning Period Map:

The Brevard County School Board Five-Year District Facilities Work Plan adopted on September 28, 2010 indicates that no new public schools are expected in the five year planning horizon.

Only two capacity projects are anticipated by the School Board, both of which will add classrooms to elementary schools outside the City of Cocoa service area.

Long Range Planning Period Map:

The Brevard County School Board Five-Year District Facilities Work Plan adopted on September 28, 2010 indicates that no new public schools are expected in the ten year planning horizon.

CITY OF COCOA ELEMENTARY SCHOOL LOCATION AND CONCURRENCY AREA MAP

School Year 2010-2011

Elementary School

- Cambridge
- Gardendale
- Lewis Carroll
- Golfview
- Endeavour
- Mila
- Fairglen
- Saturn

Map Symbols

- Railroad
- City Boundary
- Water Bodies

0 0.25 0.5 1 Miles

N

CITY OF COCOA

Source: Brevard County Public Schools

City of Cocoa GIS - 2010

CITY OF COCOA MIDDLE SCHOOL LOCATION AND CONCURRENCY AREA MAP

School Year 2010-2011

Middle School

- Clearlake
- Jefferson
- Kennedy
- McNair

Map Symbols

- Railroad
- City Boundary
- Water Bodies

0 0.25 0.5 1 Miles

N

CITY OF cocoa

Source: Brevard County Public Schools

City of Cocoa GIS - 2010

CITY OF COCOA HIGH SCHOOL LOCATION AND CONCURRENCY AREA MAP

School Year 2010-2011

High School

- Cocoa
- Merritt Island
- Rockledge

Map Symbols

- Railroad
- City Boundary
- Water Bodies

0 0.25 0.5 1 Miles

N

CITY OF COCOA

Source: Brevard County Public Schools

City of Cocoa GIS - 2010

CITY OF COCOA EXISTING SCHOOL FACILITIES AND ANCILLARY PLANTS MAP

School Year 2010-2011

School Types

- Public Schools
- Charter Schools
- Private Schools
- Other Schools
- Support Facilities

Map Symbols

- Railroad
- City Boundary
- Water Bodies

0 0.25 0.5 1 Miles

N

CITY OF cocoa

Source: Brevard County Public Schools

City of Cocoa GIS - 2010

XII - CONSERVATION ELEMENT

Serving the Community

GOAL 12.1: Conserve, protect and appropriately manage the natural resources and environmentally sensitive areas of the City of Cocoa to ensure the highest environmental quality possible.

Objective 12.1.1: Environmentally Sensitive Areas. At a minimum, Environmentally Sensitive Areas shall contain one or more of the following natural resources:

A. Rare, threatened or endangered wildlife and/or vegetation, e.g., wildlife (scrub jay, osprey, manatee); vegetation (American chaffseed). A complete list is defined by the U.S. Fish and Wildlife Service, Florida Fish and Wildlife Conservation Commission and the East Central Florida Regional Planning Council;

B. Rare and unique upland habitat or Florida Natural Areas Inventory (FNAI) "imperiled" or "critically imperiled" communities, e.g., sand pine scrub;

C. Wetlands or deepwater habitats;

D. Special geologic formations;

E. Artifacts of archaeological or historic significance;

F. Within floodways and areas subject to flooding.

Policy 12.1.1.1: The City shall coordinate with appropriate governmental entities to protect environmentally sensitive lands which extend into adjacent municipalities. This coordination shall include the Florida Natural Areas Inventory, East Central Florida Regional Planning Council (ECFRPC), the Florida Fish and Wildlife Conservation Commission, St. John's River Water Management District (SJRWMD) and based on the information generated from the data.

Objective 12.1.2: Air Quality. Air quality in the City of Cocoa shall meet or exceed the minimum criteria set by the Florida Department of Environmental Protection (FDEP).

Policy 12.1.2.1: Roadway segments and intersections under the city's jurisdiction which are predicted to approach or exceed FDEP allowable maximum concentrations for air pollutants shall be given priority in the planning of transportation improvements.

Policy 12.1.2.2: The City shall coordinate with the County, adjacent municipalities and the Florida Department of Transportation in the monitoring of transportation related air quality impacts, and the planning of improvements needed on regionally significant roadways to rectify observed or predicted air quality problems on those roads.

Policy 12.1.2.3: New development, whether public or private, shall be designed to accommodate and encourage alternative modes of transportation to

the maximum extent practical. Appropriate measures may include, but are not limited to construction of bicycle facilities along new roadways; construction of pedestrian sidewalks along roads and within developments; provision of passenger shelters for users of mass transit.

Policy 12.1.2.4: The City shall encourage the establishment and use of mass transit transportation alternatives wherever such alternatives cannot be shown to be infeasible or impractical.

Policy 12.1.2.5: In order to reduce peak traffic loads on roadways that contribute to air quality degradation, the City shall encourage government and private sector businesses to adopt alternative work schedules where they are practical.

Policy 12.1.2.6: The City shall ensure, through the development approval and monitoring process, that new facilities which are subject to permitting as major air pollution sources by the FDEP are designed to use and maintain the best available emission control technology in order to reduce adverse impacts from such facilities on the environment.

Policy 12.1.2.7: The City shall promote planned unit development and mixed-use development to reduce the potential for mobile source emissions.

Objective 12.1.3: Groundwater. The City shall continue to reduce per capita consumption of fresh groundwater by its residents through conservation and reuse of existing water supplies, and through the establishment and use of non-potable supplies.

Policy 12.1.3.1: The City shall regulate the design, installation and operation of air/water heat pumps in a manner consistent with County policy, in order to reduce the wasteful use of groundwater by such systems.

Policy 12.1.3.2: The City shall require the use of reclaimed wastewater for irrigation or other non-potable uses wherever such water is reasonably available to water users.

Policy 12.1.3.3: In order to reduce the amount of water used in the irrigation of landscaping, the City shall encourage the use of native or drought resistant plants in the landscaping of new development or redevelopment.

Policy 12.1.3.4: The City shall continue to encourage conservation of water by supporting the retrofit of low-volume plumbing fixtures in existing development, and by requiring the use of such fixtures in new development and re-development.

Policy 12.1.3.5: New development shall not be approved unless a demonstrably secure source of potable and/or non-potable water is available to meet the projected water use demands of the development.

Policy 12.1.3.6: The City shall assist the St. Johns River Water Management District (SJRWMD) in the enforcement of the provisions of emergency water shortage plans at those times when an official emergency water shortage declaration is made by the SJRWMD Governing Board.

Policy 12.1.3.7: The City shall encourage, and to the extent possible, require use of *Florida friendly yard or landscape* (as provided for in Section 373.185, F.S.) that incorporates the Best Management Practices and philosophies described in "A Guide to Florida-Friendly Landscaping", Third Edition, 2006, as may subsequently be amended.

Policy 12.1.3.8: The City Code will require all new development and substantial redevelopment to connect to the reclaimed water system, if available. If not available, but availability is planned within five years, require installation of dry lines for future connection to the reclaim system.

Policy 12.1.3.9: The City shall disseminate water conservation information to the public consistent with the adopted City of Cocoa Water Supply Facilities Work Plan.

Policy 12.1.3.10: The City shall implement water conservation practices consistent with the adopted City of Cocoa Water Supply Facilities Work Plan.

Policy 12.1.3.11: The City shall continue to coordinate with water supply recipients concerning the sharing of information to meet the on-going water supply needs.

Objective 12.1.4: Water Quality Protection. Surface and groundwater quality in the City of Cocoa shall meet or exceed the minimum criteria set by the Florida Department of Environmental Protection.

Policy 12.1.4.1: The City shall establish site design standards and regulations for the control of stormwater runoff to ensure the adequate treatment of stormwater from all new development or re-development prior to its discharge to surface waters, consistent with the policies contained in the Stormwater Management Element and the Surface Water Management Plan.

Policy 12.1.4.2: The City shall identify means for reducing the volume of untreated stormwater discharged to surface waters, as part of the Surface Water Management Plan, with emphasis also being placed on the treatment of stormwater being discharged from lands and storm sewer systems in the City. The Surface Water Management Plan will identify priorities among drainage areas for providing treatment for stormwater.

Policy 12.1.4.3: The City shall ensure that land uses which require the routine application of pesticides or herbicides (e.g., agriculture, golf courses)

maintain a groundwater monitoring program designed to detect and eliminate contamination of the surficial aquifer by those substances. Upon detection of contamination, the City shall require the contaminator to discontinue the contamination and to take corrective action where feasible.

Policy 12.1.4.4: In order to protect the groundwater from contamination by hazardous wastes or materials, the City shall require that industrial parks which include tenants who use hazardous materials or generate hazardous wastes: (a) prepare hazardous materials spill containment and clean-up plans; (b) design drainage and sewer facilities to prevent contamination of soils, groundwater or surface waters from hazardous materials spills; and (c) provide interim storage facilities for hazardous materials generated on-site.

Policy 12.1.4.5: In order to reduce the potential for salt-water intrusion, the City shall require the use of native or drought-resistant plants, as appropriate, in the landscaping of new development or re-development.

Policy 12.1.4.6: The City shall monitor and restrict, if necessary, activities and land uses known to adversely affect the quality of identified water resources.

Objective 12.1.5: Endangered & Threatened Species. The distribution and abundance of endangered and threatened species within the City will be identified, and the habitat of viable populations of any such species shall be protected and managed, or the impacts to such habitat shall be adequately mitigated, so as to ensure their continued existence.

Policy 12.1.5.1: The City shall sponsor a biological survey of natural habitats within municipal limits to identify areas of suitable habitat for listed species, and to estimate population size and viability for those species which do occur.

Policy 12.1.5.2: Areas known to support a viable population of a listed species, or which provide habitat of a size and character that is suitable for long term protection of a listed species, shall be given priority in the acquisition of public parks or preserves. Any such park shall be managed in a manner consistent with preservation of the listed species and its habitat.

Policy 12.1.5.3: The City shall seek the cooperation of government and private conservation agencies in the preservation of lands which harbor a viable population of one or more listed species and their habitat.

Policy 12.1.5.4: Development approval in areas which have been identified as providing habitat of a size and character that is suitable for long term protection of a viable population of one or more listed species shall

be contingent upon the formulation of a management plan which would to the greatest extent possible eliminate adverse effects to any listed species which occur or are discovered on the development site.

Policy 12.1.5.5: The City shall consult with the FGFWFC and/or the FDEP in the review of listed species management plans prepared by private developers, and shall implement the recommendations of those agencies in the issuance of development orders.

Policy 12.1.5.6: The City shall discourage development within a habitat area dedicated to the public through a conservation easement.

Policy 12.1.5.7: With the exception of areas designated as handicap parking, any area identified for parking shall be stabilized using some type of pervious stabilizer, such as grass pavers, and the area shall be finished to look natural.

Policy 12.1.5.8: The City shall protect listed animal species and/or native habitat listed species in accordance with the Florida Fish and Wildlife Conservation Commission.

Objective 12.1.6: Hydrology, Vegetation, and Wildlife. Protect and conserve soils and native vegetation communities, and maintain the natural functions of the City's ecological zones in a manner consistent with the Goals, Objectives and Policies of the Future Land Use Element.

Policy 12.1.6.1: The City shall sponsor a biological survey of native vegetative communities within municipal limits to inventory the listed wildlife species that occur as permanent residents.

Policy 12.1.6.2: The City shall preserve natural communities in the siting, design, development and maintenance of public parks. Wherever possible, existing natural plant communities should be maintained undisturbed as a part of new parks developments except for relatively minor alterations, such as nature trails or boardwalks, which do not alter the wildlife habitat values of the system.

Policy 12.1.6.3: Areas of natural habitat within the 100-year floodplain shall be given priority consideration in the identification of lands that address passive recreational demand and open space objectives, except in those instances where a proposed development is determined by the City to be consistent with the Goals, Objectives and Policies of the Future Land Use Element.

Policy 12.1.6.4: In order to reduce the adverse consequences of floodplain development and simultaneously encourage the conservation of natural habitat, the City's Flood Damage Prevention ordinance shall be amended to discourage construction in the floodplain, unless the

proposed construction is expressly authorized by this Comprehensive Plan. Development plans shall preserve the natural functions of floodplains when practical. Compensatory storage for fill placed within the floodplain shall be allowed only when the applicant demonstrated the absence of adverse consequences of compensatory storage and demonstrates compliance with other applicable provisions of this Comprehensive Plan.

Policy 12.1.6.5: The City shall encourage the protection of critical natural vegetative communities and wildlife habitat by public purchase programs and by private property owners through donations, transfers of development rights, purchase of development rights, conservation easements or other appropriate mechanisms.

Policy 12.1.6.6: The City shall protect species which are listed as Endangered, Threatened or a Species of Special Concern by the Florida Fish and Wildlife Conservation Commission, the U.S. Fish and Wildlife Service or the Florida Committee on Rare and Endangered Plants and Animals (FCREPA) and shall not approve any development which proposes to destroy natural vegetative communities known to provide habitat to listed species except where the developer has submitted a management plan which minimizes adverse affects on the species to the greatest extent possible. The management plan shall be approved by St. John's River Water Management District.

Policy 12.1.6.7: The City shall not approve any development except as provided in the Goals, Objectives and Policies of the Future Land Use Element that would adversely alter the ecological functions of freshwater wetlands or deepwater habitat. Ecological functions include: (a) provision of wildlife and fisheries habitat; (b) maintenance of in-stream flows and lake levels during periods of high and/or low rainfall; (c) erosion control; (d) water quality enhancement; and (e) natural vegetative communities.

Policy 12.1.6.8: The City shall require that the following non-native plant species be removed from the limits of construction and required buffer areas from all sites which are developed or re-developed: Causarina cunninghamiana (beefwood), Causarina qlauca (scaly-bark beefwood), Causarina equisetifolia (Australian pine), Dioscorea blulbifera (air potato), Malateuca quinquenervia (punk tree), Rincinus communis (castor bean), Sansevieria hyacinthoides (African bowstring), Schinus terebinthifolius (Brazilian pepper)~~,~~ Broussonetia papyrifera (male mulberry), Enterolobium contortisiliquum (ear tree), Eucalyptus spp. (eucalyptus tree), Melaleuca quinquenervia (punk tree), Melia azedarach (chinaberry), Prunus caroliniana (cherry laurel), Auracaria wrightii (monkey puzzle), Grevillea robusta (silk oak tree), Albizia spp. (mimosa, woman's tongue), Prunus serotina (wild cherry), Sapium sebiferum (Chinese tallow), Leucaena leucocephala (lead

tree), Dalbergia sissoo (rosewood), Acacia auriculiformis (earleaf acacia), Eugenia uniflora (Surinam cherry), Cupaniopsis anacardiodes (carrotwood), and Koelreuteria paniculata (golden rain tree). No listed exotic species shall be used for planting purposes adjacent to protected lands.

Policy 12.1.6.9: The City shall not approve any development that is inconsistent with the requirements of applicable natural resource Goals, Objectives and Policies contained elsewhere in this Plan.

Policy 12.1.6.10: The City shall promote the use of native vegetation as specified in its ordinance for all development.

Policy 12.1.6.11: The City shall protect rare, unique, or significant-natural habitats within the City.

Policy 12.1.6.12: The City shall protect the habitat of gopher tortoises, gopher frogs, eastern indigo snakes, eagles, ospreys, alligators, pileated woodpeckers, manatees and river otters.

Policy 12.1.6.13: The City shall consider the abundance, status, and distribution of endangered ecosystems and other environmentally sensitive lands when reviewing land use proposals and acquisitions such as:

A. Management plans which protect endangered wildlife which utilize critical habitats;

B. Mitigation plans for critical habitat which is unavoidably altered; and,

C. Restrictions of the use of critical habitats to those which are found to be compatible with the requirements of wildlife species which are threatened, endangered, or of special concern.

Policy 12.1.6.14: The City shall participate with the St. John's River Water Management District, the county, and other appropriate agencies to re-establish the historic hydrologic connections at the Cocoa Conservation Area and borrow pits within the county.

Policy 12.1.6.15: Wetlands and wetland functions shall be protected and conserved by restricting direct and indirect development impacts.

A. *General.*

1. The City shall avoid, or when unavoidable, minimize development impacts on wetlands; direct incompatible land uses away from wetlands; require wetland buffers; allow wetland losses only where all reasonable measures have been applied to avoid such losses; and allow for effective mitigation.

2. Land use planning and site design shall support development patterns that minimize the impact of development on wetlands.
3. The City shall maintain a Generalized Wetlands Map as part of the Comprehensive Plan. This map shall be based on the U.S. Fish and Wildlife Service, National Wetlands Inventory.

B. *Existing development.* Existing uses in wetlands may continue, but shall not expand unless they are allowed, permitted, or exempted by the SJRWMD and this policy.

C. *New development and redevelopment with no significant impact.* New development and redevelopment having no significant impact on the net wetland functions shall be permitted. They include only the following:

1. *Water dependent uses.* An activity which can only be conducted on, in, over, or adjacent to water areas because the activity requires direct access to the water body or sovereign submerged lands for transportation, recreation, energy production or transmission, or source of water, and where the use of the water or sovereign submerged lands is an integral part of the activity. ~~Water dependent uses as defined by Rule 9J-5.003(137) F.A.C.~~
2. *Passive recreation.* Walking nature trails or elevated wooden boardwalks designed to minimize wetland system disturbance and to provide limited access for passive recreation or access to other portions of the site or adjacent waters, which are otherwise inaccessible.
3. *Insect control structures.*
4. *Utilities installation.* Temporary impacts associated with the installation of cables, conduits, and pipelines that transmit electricity, communication signals, potable water, raw water, reclaimed water, domestic wastewater, propane gas, natural gas, or similar infrastructure.
5. *Rights-of-way and easements.* Minor activities by FDOT, the City, and Brevard County within existing rights-of-way or easements.
6. *F.A.C. exemptions.* Exemptions listed in the rules of the SJRWMD.
7. *Environmental restoration, enhancement, and research uses.*

8. *Dredging and filling.* Uses that require the dredging and filling of less than one-hundred (100) square feet of wetlands.

D. *New development and redevelopment with impact.* New development and redevelopment having impact on the net wetland functions shall be permitted only if the activity conforms to City's mitigation requirements listed in this policy and meets at least one of the following criteria:

1. *Road crossings.* Road crossings which impact wetlands shall be allowed if shown to be in the public interest (e.g. the construction of local, collector or arterial road linkages). When allowed, road crossings shall occur at the narrowest practical point constrained by safe roadway design and shall provide for hydrologic connectivity and aquatic species movement.

2. *Access to uplands across wetlands.* Access to uplands property may cross wetland areas, provided that:

   (a) No other access to such property is practical.

   (b) Such limited access will not adversely affect any of the primary functions of the wetlands to be preserved on-site.

   (c) The location of and construction methods employed for such access would result in minimal environmental impact of the wetlands to be preserved on-site.

3. *Low quality wetlands.* If the SJRWMD determines a wetland (or portion thereof) is low quality and has minimal restoration potential, and beneficial restoration or enhancement mitigation of another wetland would be achieved as a result of mitigation permitting development in this low quality wetland (or portion thereof), then the future land use category shall apply.

4. *Isolated wetlands for stormwater management systems.* As determined by the City, development may incorporate isolated wetlands into storm water management systems, provided the storm water runoff is pre-treated before entering the wetland, so that the wetland is used for nutrient and volume attenuation. The City shall encourage designs, which maintain existing natural wetlands community, except where permitting agencies impose conditions favoring a different plant community as more desirable for the

purpose of providing habitat, improving water quality, or enhancing other wetland values.

5. *Isolated wetlands less than 5 acres with no significant and sustainable wildlife values.* The City shall request the comment and opinion of the SJRWMD or a professional biologist as to whether the wetland of less than 5 acres has significant wildlife values, based on the following factors:

   (a) The extent the isolated wetland acts in concert with the broader regional landscape to provide both food support and habitat for wildlife;

   (b) The potential cumulative impacts to isolated wetland wildlife functions at a regional level;

   (c) Individual wetland features that are important to wildlife;

   (d) Whether the isolated wetland is used by endangered or threatened species or species of special concern; and

   (e) The degree to which adjacent existing or planned development will affect the use of the wetland by wildlife.

   If the biological evaluation determines the isolated wetland of less than 5 acres has significant and sustainable wildlife values, the wetland shall be afforded the same level of protection as all other similar wetlands. However, if the evaluation determines no significant and sustainable wildlife values, then the future land use category of the adjacent uplands of the site shall apply. This does not preclude the application of any regulatory requirements of federal, state, or regional agencies.

6. *Non-residential uses.* Non-residential uses shall be permitted within wetlands, subject to the following minimum requirements:

   (a) Clearing or removal of native vegetation shall not exceed ten (10) percent of the wetlands on the site. Exotic vegetation may be removed without regard to this limitation provided, however if the area cleared of exotic vegetation exceeds the applicable ten (10) percent maximum, it is replanted with native wetland vegetation.

(b) A restrictive or conservation easement to preserve open space shall be required.

(c) Allowable non-residential land uses within the Conservation future land use category shall be limited to those uses allowed in the future land use category of the adjacent uplands of the site.

(d) If areas annexed into the City from Brevard County have been designated with a Brevard County commercial or industrial future land use category prior to February 23, 1996, then those properties shall be subject to the wetlands protection policies of the Brevard County Comprehensive Plan Conservation Element as of the effective date of the annexation, and only if all other requirements of Policy 12.1.6.15.D.6 cannot be satisfied.

E. *Upland buffers.*

1. *General.* Upland buffers are considered an integral component of a functioning wetland and shall be afforded the same types and levels of protection as the wetland itself. Upland buffers shall not be developed, cleared, or landscaped that would decrease their effectiveness in supporting wetland functions, and shall not include turfed, landscaped, or impervious surfaces.

2. *Minimum width.* Where wetlands exist, upland buffers shall be provided at a minimum width of fifteen (15) feet and an average width of twenty-five (25) feet beyond the perimeter of the wetland.

3. *Encroachment.* Encroachment into upland buffers for the purpose of hydrologic connection of drainage systems and creation of mitigation areas shall be permitted and shall not require additional buffering compensation.

4. *Additional requirement.* The City may require the extension of upland buffers beyond twenty-five (25) feet if necessary to connect isolated wetlands with other protected wetlands existing within one-hundred (100) feet depending on the existence of listed species and habitat valuation.

5. *Average width exception.* Uplands buffer widths may be adjusted downward below the required minimum average on a case-by-case basis if the developable

portion of existing lots of record as of December 1, 2003 does not have sufficient size or dimensions to allow for a reasonable use of the property based on the designated future land use category. In this instance, the remaining upland buffers shall be enhanced with native species to minimize development impacts and enhance the functioning value of the wetlands buffer area.

6. *Passive recreation.* The City may approve, as appropriate, minimal use in clearing for nature trails and other passive recreational uses compatible with the purpose of the buffer zone.

F. Implementation and mitigation.

1. *Future land use category assignment.* The Conservation Future Land Use category shall be assigned to all wetland areas subject to a Future Land Use Map amendment adopted after December 1, 2003. For the purposes of initially determining appropriate wetland areas the City shall utilize the National Wetlands Inventory.

2. *Delineation.* In order to properly identify and delineate wetlands prior to development, the City shall rely on the delineation of wetlands and surface waters certified by the SJRWMD. The delineation shall be reproduced on development plans which are submitted for review by the City. For other review purposes which do not specifically permit development (e.g. plan amendments, rezonings, etc.), the extent of on-site wetlands shall be estimated and no delineation is required unless otherwise required by the City.

3. *Site and development review.* Wetlands existing on a proposed development parcel shall be shown as a part of the development plans submitted to the City for review. Additionally, the development plans shall show the delineation of the upland buffer for portion of a development parcel which does not require a SJRWMD permit. For projects requiring a SJRWMD permit, the City shall require as a condition of development approval that wetland buffers shall be protected and encumbered by a perpetual conservation easement.

4. *Onsite transfer of density.* Development densities/intensities may be transferred out of the undeveloped wetland areas on a one-for-one (1:1)

basis to upland portions of a development site. Offsite transfer of density is prohibited.

5. *Creation of new lots.* New lots shall not be created and/or platted that do not contain sufficient buildable upland areas in order to provide a reasonable use for the lot under the requirements of the Comprehensive Plan.

6. *Mitigation.*

(a) *General.* The purpose of mitigation is to offset environmental impacts. Mitigation activities approved by a federal, state, or regional agency are supported by the City. However, the issuance of a permit by any other agency, with or without mitigation, shall conform to the requirements the Comprehensive Plan.

(b) *Location.* Mitigation shall be permitted by both City Council and the SJRWMD within the appropriate SJRWMD watershed basin, as determined by SJRWMD and in the following manner:

(1) First priority - On-site.

(2) Second priority - Within the City limits.

(3) Third priority - Within five (5) miles of the City limits.

(4) Fourth priority - Within ten (10) miles of the City limits.

(5) Fifth priority - Within Brevard County.

(6) Sixth priority – Outside of Brevard County.

Policy 12.1.6.16: The City shall protect existing natural reservations identified in the Recreation and Open Space Element.

Objective 12.1.7: Fisheries and Estuarine Habitat. The city shall cooperate with and assist St. John's River Water Management District (SJRWMD) and the Department of Environmental Protection (DEP) to continue to protect or restore the aquatic vegetation including, but not limited to, aquatic weed control, restoration or creation of aquatic grass beds or shoreline restoration. In addition, the City will protect the diversity of submerged and emergent aquatic vegetation and fish species as well as the quality of fresh water (estuarine), found in the City's lakes and tributaries associated with St. John's River, and in the Indian River within the zone between the Cocoa shoreline and the Intracoastal

Waterway. The protection shall be as great, or greater, than they were in 1988, as determined by SJRWMD and the DEP, using DEP established standards.

Policy 12.1.7.1: The City shall continue to implement alternative means of wastewater effluent discharge (such as effluent reuse) which will reduce the volume of wastewater discharged to the Indian River Lagoon.

Policy 12.1.7.2: The City shall establish site design standards and regulations for the control of stormwater runoff to ensure the reduction of, and the adequate treatment of stormwater runoff from all new development or re-development prior to its discharge to surface waters.

Policy 12.1.7.3: The City through the Surface Water Management Plan shall reduce the volume of untreated stormwater discharged to surface waters, and shall develop a program to take corrective action.

Policy 12.1.7.4: The City shall not permit shoreline development activities that would destroy or degrade the function of estuarine shoreline or deepwater habitat. The applicant shall demonstrate how any potential adverse impact shall be reduced or avoided.

Policy 12.1.7.5: Areas within the Indian River Lagoon and the tributaries to St. John's River basin, lands acquired by City for passive recreation with littoral zones shall be designated as conservation.

Policy 12.1.7.6: The City supports the objectives of the Indian River Lagoon Comprehensive Conservation and Management Plan 2008 update.

Objective 12.1.8: Hazardous Waste and Materials. The City shall coordinate with Brevard County to establish procedures and regulations which support State and County hazardous material management objectives, and which will reduce the number of sites at which improper use, storage or disposal of hazardous materials occurs.

Policy 12.1.8.1: The City shall coordinate with the FDEP and Brevard County in the establishment of Amnesty Days for the collection of hazardous domestic wastes.

Policy 12.1.8.2: The City shall ensure that businesses which store, generate, or transport hazardous wastes or materials do so in accordance with Federal and State guidelines and regulations.

Policy 12.1.8.3: Industrial parks which include tenants who use hazardous materials or generate hazardous wastes shall be required to: (a) prepare hazardous materials spill containment and clean-up plans; (b) design drainage and sewer facilities to prevent the contamination of soils, groundwater or surface waters from hazardous materials spills; and (c) provide interim storage facilities for hazardous wastes generated on-site.

Policy 12.1.8.4: The City shall provide the greatest support practical to Federal, State and County hazardous waste and materials management programs.

Objective 12.1.9: Floodplain Management. The City shall protect the flood storage and conveyance functions of the 100-year floodplain.

Policy 12.1.9.1: In order to reduce the adverse consequences of floodplain development and simultaneously encourage the conservation of natural habitat, the City's Flood Damage Prevention ordinance shall be updated as needed to maintain compliance with the National Flood Insurance Program and to discourage construction in the floodplain, unless the proposed construction is expressly authorized by this Comprehensive Plan. Developmental plans shall preserve the natural functions of floodplains when practical. The provision of compensatory storage for fill placed within the floodplain shall be allowed only when the applicant demonstrates the absence of adverse consequences of compensatory storage and demonstrates compliance with other applicable provisions of this Comprehensive Plan.

Policy 12.1.9.2: Developers shall be encouraged to incorporate those portions of sites that are within the 100-year floodplain as open space preservation.

Policy 12.1.9.3: The City shall promote wetlands preservation and non-structural floodplain management by encouraging the use of isolated wetlands as detention areas, where such use is consistent with good engineering practice and does not significantly degrade the ecological value of wetlands. Pre-treatment of stormwater run off by diversion of the "first flush" shall be required prior to discharge to wetland detention areas.

Policy 12.1.9.4: The City shall encourage public and private agencies, including but not limited to the Florida Department of Environmental Protection, the Florida Game and Freshwater Fish Commission, the St. Johns River Water Management District, The Nature Conservancy, The Trust for Public Lands and Brevard County, in acquiring wetlands and floodplains.

Objective 12.1.10: Soil Conservation and Mineral Resources. Land development and mineral extraction activities shall be regulated so as to conserve mineral resources and limit the adverse effects of soil erosion and sediment transport on air and water quality.

Policy 12.1.10.1: The City shall continue to regulate resource extraction activities so as to both protect and conserve mineral resources and protect the environment.

Policy 12.1.10.2: The City shall require that all land clearing for agriculture, excavation or development activities be conducted in compliance with soil erosion Best Management Practices published by the SCS, FDOT,

FDEP, FDACS or IFAS. Land clearing for resource extraction or development shall be limited to the minimum amount necessary.

Policy 12.1.10.3: Land developers and excavators shall prepare and implement reclamation plans that establish a biologically productive landscape comprised of native plants. The City shall require land developers and excavators to demonstrate financial responsibility for future reclamation activities prior to approval of development.

Policy 12.1.10.4: The City shall employ Best Management Practices for control of erosion and sedimentation for road and other City projects.

Objective 12.1.11: Energy Reduction and Conservation. The City will take steps to reduce the consumption of energy through promoting more efficient land use development patterns and uses which provide alternatives to commuting to and from employment.

Policy 12.1.11.1: The City will promote the use of infill development along its existing commercial corridors to increase the diversity of uses located in close proximity to one another to reduce the need for multiple trips or to travel cross town.

Policy 12.1.11.2: Where feasible and compatible with adjacent land uses, the City will support requests for higher densities and intensities.

Policy 12.1.11.3: The City will promote mixed-use development patterns in new projects to provide greater diversity of use in close proximity of one another to promote reduced dependence on automobiles, and increased use of pedestrian and bicycle travel.

Policy 12.1.11.4: To the greatest extent possible, the City should work with providers of multimodal transportation systems, such as SCAT, to encourage them to expand, or establish service in and around the City to reduce resident's dependence on use of automobiles.

Policy 12.1.11.5: The City will develop a bicycle/pedestrian master plan to provide a blueprint for the development of a City-wide trail plan to provide interconnectivity of residential and commercial areas to promote bicycle and pedestrian travel as an alternative to the automobile.

Policy 12.1.11.6: The City will continue to promote itself as a desirable place for new clean business and industry to move to with the intention of increasing employment opportunities for Cocoa residents to reduce or eliminate the need to commute to and from work.

Policy 12.1.11.7: Continue working to improve citizens awareness of the need to conserve energy through continued participation of Florida Power and Lights Household Energy Makeover Initiative (HEMI) to educate residents, especially those with older less energy efficient homes, of the savings in not only the natural resources used to create

energy, but also the expenses associated with inefficient heat and air conditioning units and appliances.

Policy 12.1.11.8: The City supports Federal and State incentives to promote use of energy efficient technology, including but not limited to solar heating, photovoltaic cells, more efficient insulation systems, and other clean energy sources.

Policy 12.1.11.9: The City shall review, and where feasible, adopt conservation oriented building methods and materials, such as those promoted through the United States Green Building Council's Leadership in Energy and Environmental Design (LEED) rating system.

Policy 12.1.11.10: To the greatest extent possible, any new structures constructed by the City shall meet, at a minimum, the Silver rating of the LEED rating system.

CITY OF COCOA
COMPREHENSIVE PLAN

CONSERVATION ELEMENT

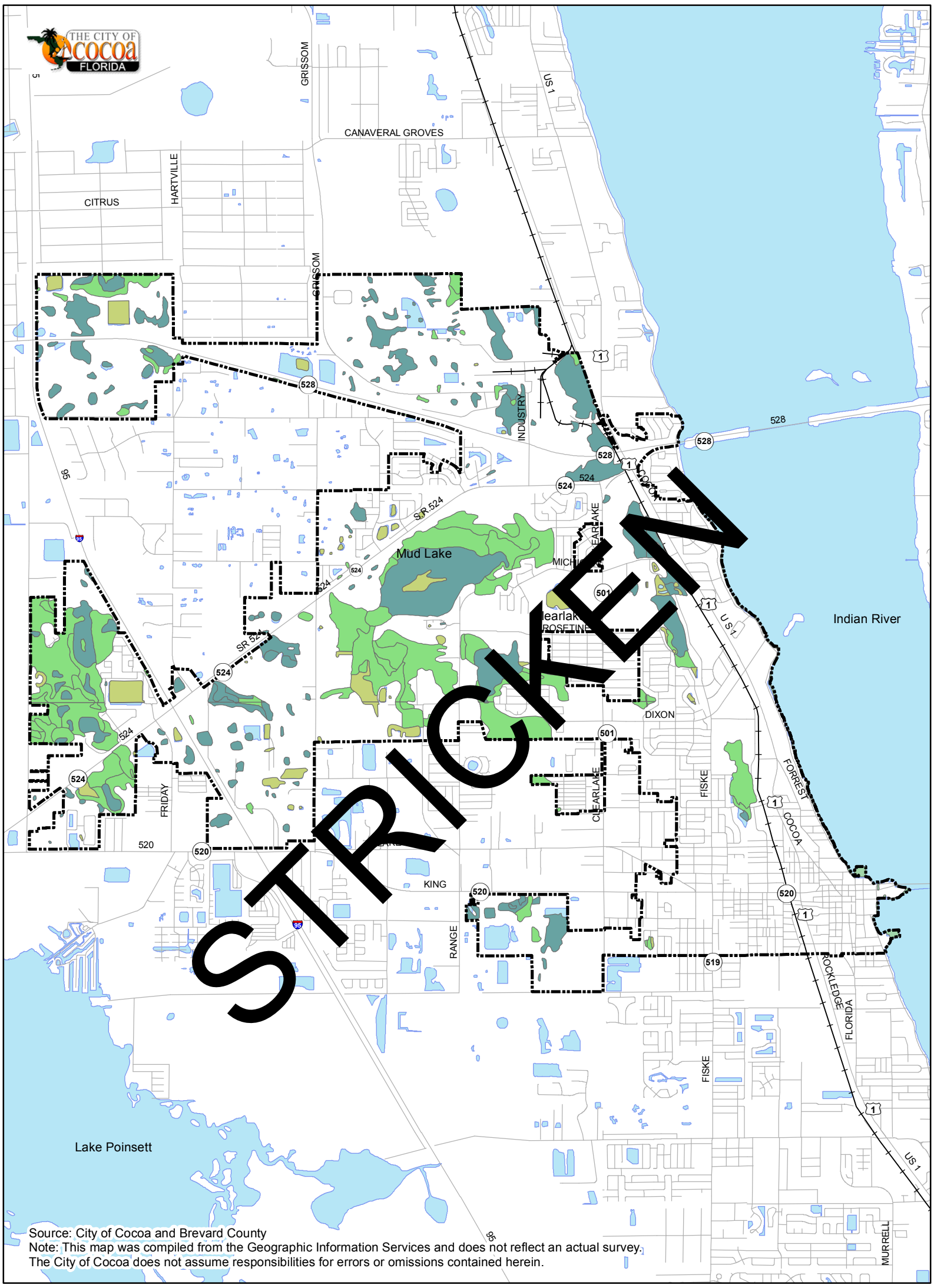
Maps

September 2019

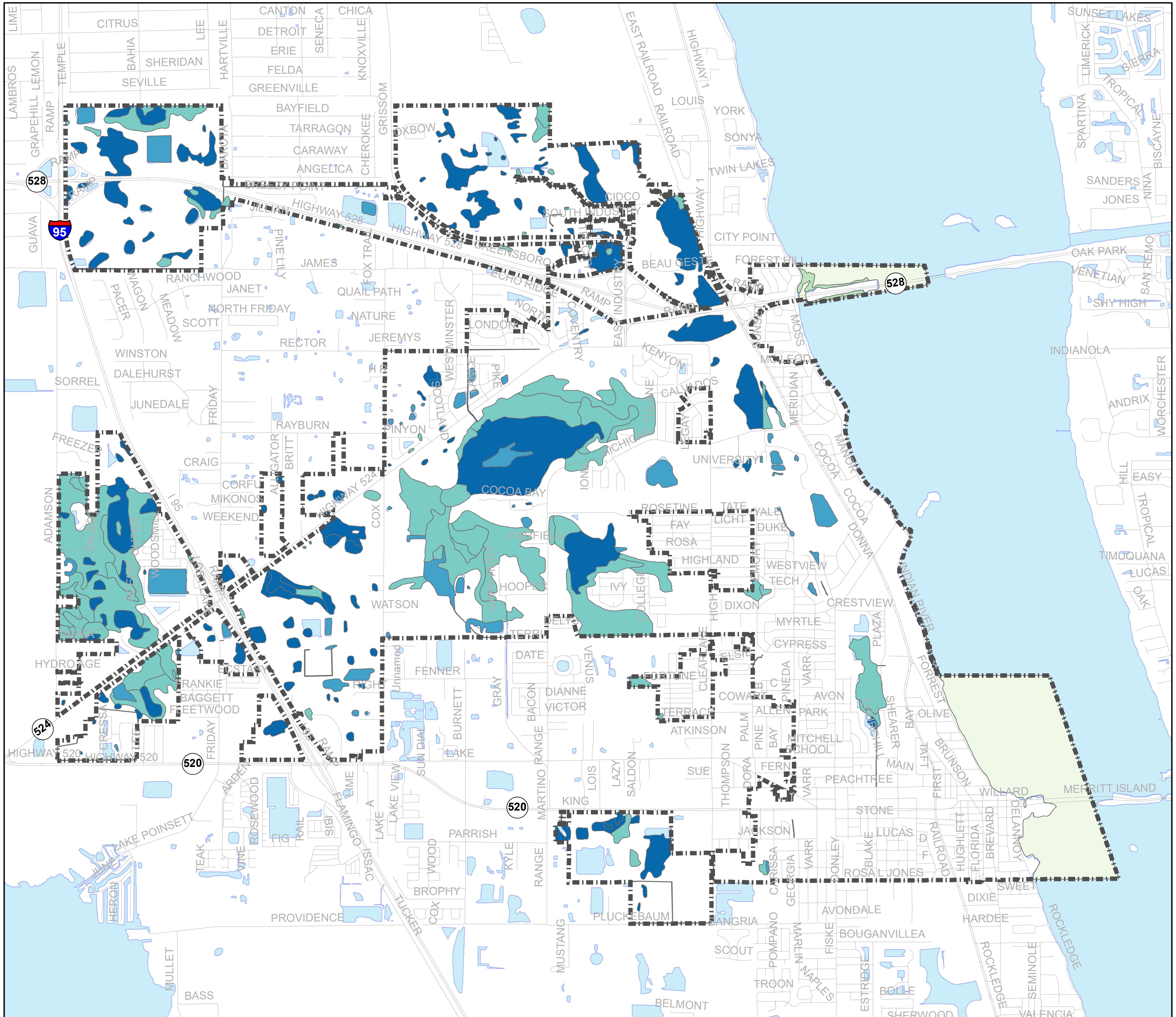
LIST OF MAPS

Map M-XII-1: Wetlands (2010 version to be stricken)
Map M-XII-1: Wetlands -- NEW MAP
Map M-XII-2: Flood Zones
Map M-XII-3: General Soils

Map M-XII-1: Wetlands



Wetland Map



Wetlands

WETLAND TYPE

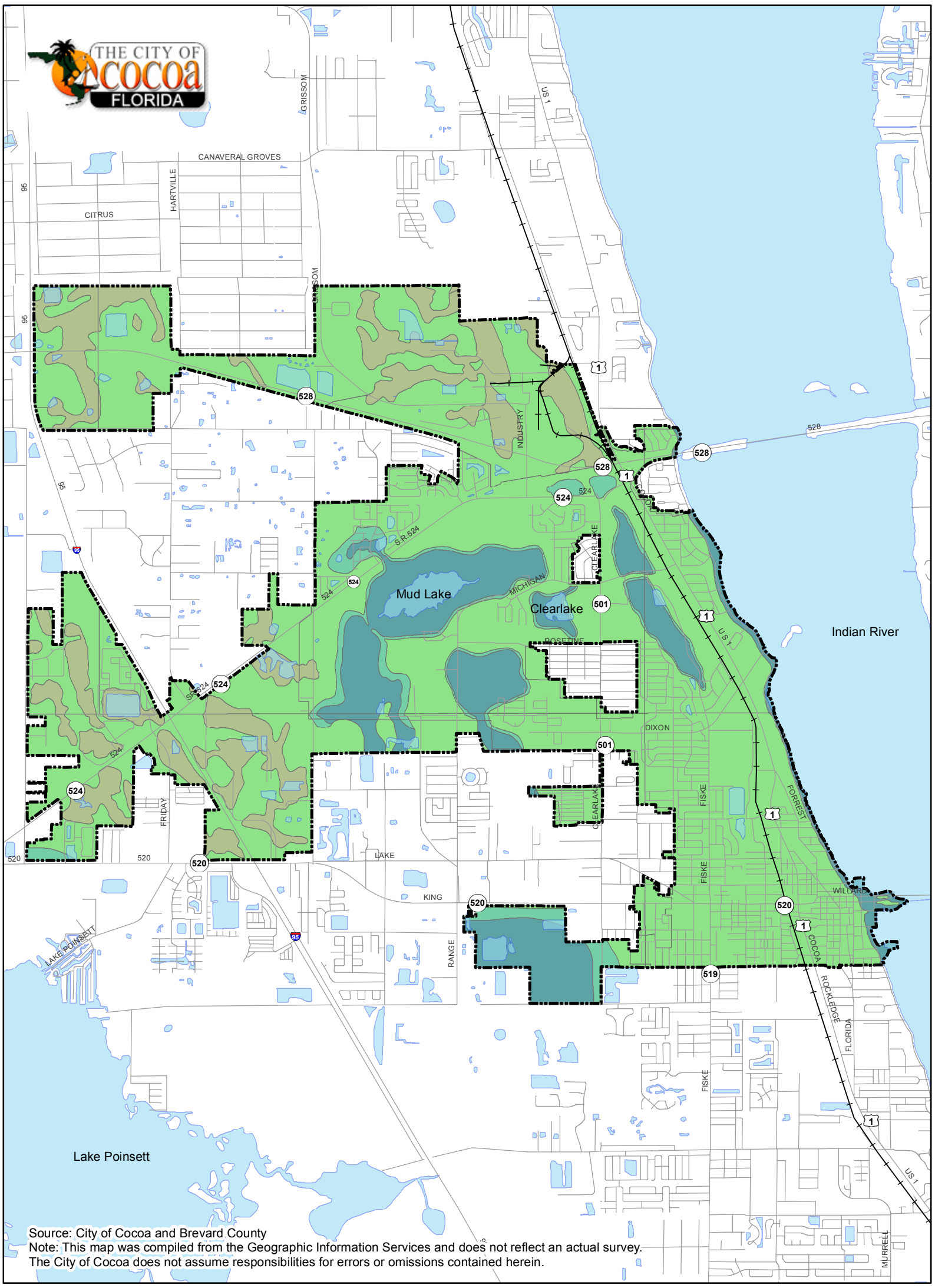
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Riverine
- Waterbodies
- Cocoa City Limits

0 1 2
Miles

This map was compiled from Geographic Information Services and does not reflect an actual survey. It is intended for reference purposes only. © 2019

Map M-XII-1

Map M-XII-2: Flood Zones



FLOOD ZONE MAP

- Railroad
- Water Bodies
- City Boundary

FLOOD ZONE DESIGNATIONS

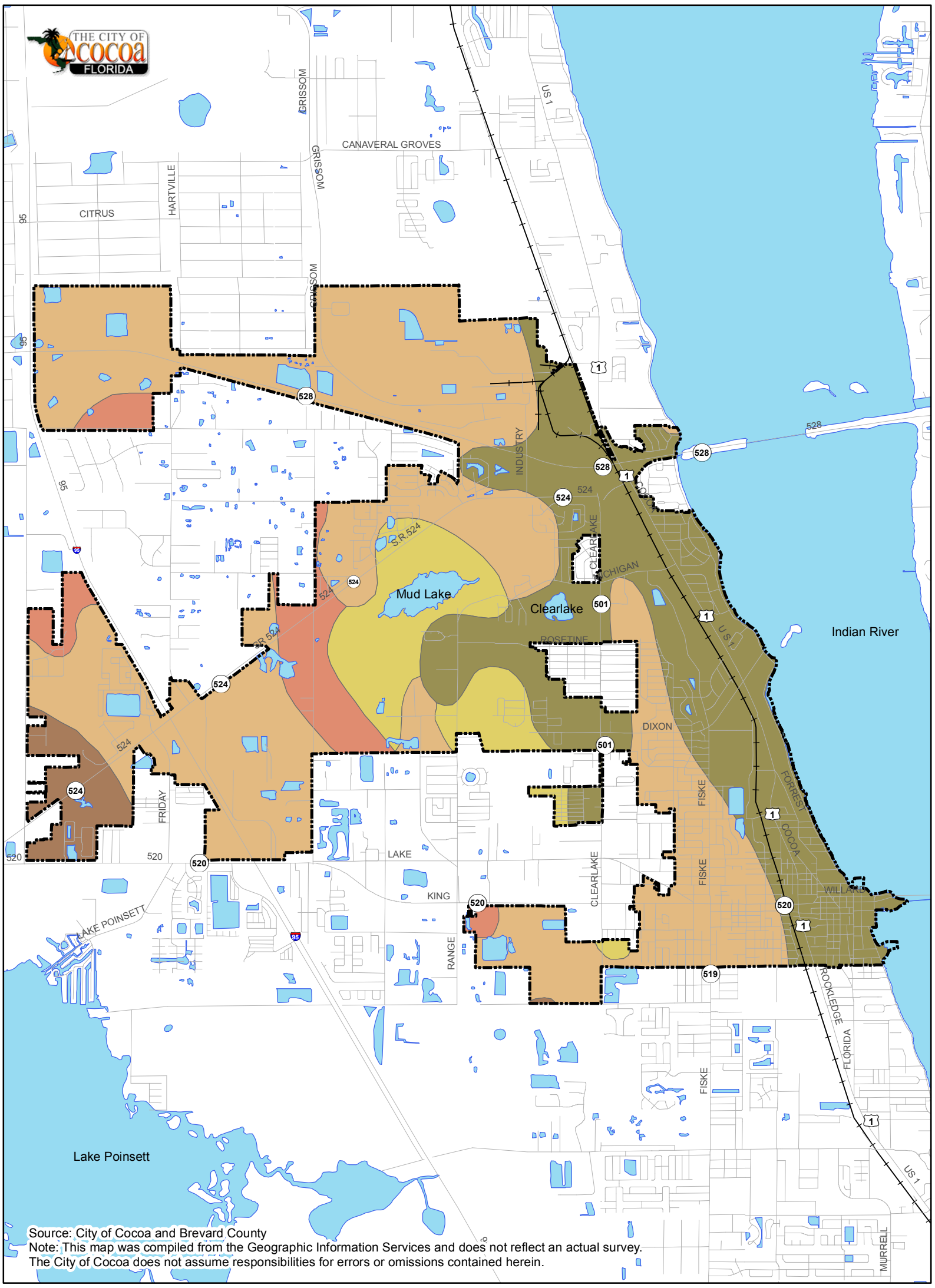
- A - Areas with a 1% annual chance of flooding and a 26% chance of flooding over a 30-year period.
- AE - Areas considered to be the base flood plain where the base flood elevations are provided.
- X - Areas of minimal flood risk, above the 500-year flood level.
- X500 - Areas designated as a 500-year risk.

0 0.25 0.5 1 Miles

City of Cocoa, Florida
65 Stone Street
Cocoa, Florida 32922

N

Map M-XII-3: General Soils



XIII - INTERGOVERNMENTAL COORDINATION ELEMENT



Serving the Community

GOAL 13.1: The City shall maintain an ongoing commitment to Intergovernmental Coordination to ensure that the growth management goals of the comprehensive plan will be effectively implemented.

Objective 13.1.1: Coordinate Comprehensive Plan. The City shall continue to coordinate comprehensive planning and intergovernmental issues with Brevard County, adjacent municipalities and the East Central Florida Regional Planning Council (ECFRPC).

Policy 13.1.1.1: The City shall exchange intergovernmental information and services with appropriate local governments through scheduled meetings and as requested.

Policy 13.1.1.2: The City shall engage in mutual discussion with Brevard County and adjacent municipalities to establish an annexation policy to direct an orderly and timely process of annexing unincorporated lands adjacent to Cocoa's municipal boundaries.

Policy 13.1.1.3: In the event of a conflict with the comprehensive plan of another local government that cannot be successfully resolved within a reasonable period of time, the City will appeal to the ECFRPC's informal mediation process. Wherever possible, the appeal will be submitted as a joint request by the local governments. The City shall work with Brevard County to adopt a Joint Planning Agreement (JPA) to address long-term planning and decision making for the region, including the issue of future annexations.

Policy 13.1.1.4: The City shall review and update all interlocal agreements to ensure consistency with the requirements of Florida Statutes.

Objective 13.1.2: Impacts of Development. The City of Cocoa shall ensure that the impacts resulting from the implementation of the comprehensive plan upon development in adjacent municipalities, unincorporated areas, regions and the State are evaluated and addressed with such jurisdictions.

Policy 13.1.2.1: The City staff will evaluate development projects in Cocoa to include an assessment of impacts on the comprehensive plans of adjacent jurisdictions.

Policy 13.1.2.2: The City staff will assess future amendments to its comprehensive plan, including the Future Land Use and Capital Improvements elements, for impact on the comprehensive plans of adjacent jurisdictions.

Policy 13.1.2.3: The City shall coordinate with the City of Rockledge to institute joint planning activities in areas of joint concern and influence. The activities shall include land use, landscaping, urban design and urban form of new development in the area.

Policy 13.1.2.4: The City shall coordinate transportation planning activities with the Florida Department of Transportation (FDOT), ECFRPC, the Space Coast TPO, Brevard County and the adjacent municipalities to protect and preserve necessary future rights-of-way and to adopt corridor roadway systems in and around the City of Cocoa.

Objective 13.1.3: Coordinate Level of Service Standards. The City shall continue to coordinate with responsible local, regional, and State authorities, as appropriate, to ensure consistency of adopted level of service (LOS) standards across jurisdictions.

Policy 13.1.3.1: The City shall continue to contract with a private service provider for solid waste collection service and disposal at the Brevard County landfill and will coordinate adopted LOS standards with the County.

Policy 13.1.3.2: The City shall continue to function as the primary provider for potable water service within its franchise area in central Brevard County and will coordinate with adjacent jurisdictions using potable water services regarding LOS standards and the extension of water and wastewater services to the new users of the Cocoa water system.

Policy 13.1.3.3: The City shall continue to coordinate with FDOT, the Space Coast TPO and Brevard County to establish concurrency management mechanisms that will provide consistent LOS standards to be maintained on major roadways in and around the City of Cocoa.

Objective 13.1.4: Housing and Recreational Facilities. The City shall provide appropriate mechanisms to coordinate information and programs for the provision of housing and recreational facilities.

Policy 13.1.4.1: The City shall solicit recommendations and assistance from various public agencies and quasi-public organizations such as the Florida Department of State, Division of Historic Resources, the state land planning agency, ~~the Florida Department of Economic Opportunity (DEO),~~ Florida Department of Children & Families, Brevard County Housing Authority and local Chambers of Commerce to assist in program funding, identification of structures and areas to be preserved for historical purposes.

Policy 13.1.4.2: The City shall continue both formal and informal communication with appropriate State and regional agencies, such as the ~~DEO~~ state land planning agency and the ECFRPC, to ensure availability of information on specific programs, projects, and legislation pertinent to affordable housing and to provide technical assistance for potential grants.

Policy 13.1.4.3: The City shall engage in efforts with Brevard County and the Brevard County School Board for procurement, operation and maintenance of parks and recreation facilities.

Policy 13.1.4.4: The City shall continue to cooperate with state agencies as well as non-profit environmental organizations in identifying programs and funding sources to promote further development of community parks, open space and recreation facilities and to coordinate with them in effectively managing existing natural areas and open space.

Objective 13.1.5: Natural Resources. The City will continue to strengthen existing, and establish new, intergovernmental relationships to ensure natural resource management and protection.

Policy 13.1.5.1: The City shall coordinate with existing resource protection plans of other government agencies and entities including the FDEP, SJRWMD, as well as with nonprofit environmental organizations to appropriately conserve and manage natural areas, water supply sources and open space.

Policy 13.1.5.2: The City shall coordinate with Brevard County and adjoining municipalities to ensure that natural resources occurring in, or affecting more than one governmental jurisdiction, are effectively managed to preserve, protect and enhance natural systems, wildlife, fisheries and habitat. This includes ensuring the City's stormwater management, aquifer recharge and reuse water policies and projects are consistent with the goals of the SJRWMD's water supply plan and the Upper St. Johns River Surface Water Improvement and Management (SWIM) Plan to protect or enhance water quality and natural systems.

Objective 13.1.6: Coordinate with Brevard County School Board. The City shall continue to coordinate with the Brevard County School Board with regard to school site selection and the implementation of school concurrency consistent with the adopted Interlocal Agreement.

Policy 13.1.6.1: The City and the Brevard County School Board shall discuss and coordinate development plans for expansion of existing schools or development of new education facilities within the City to assure such activities are consistent with growth management directives established within the City's comprehensive plan. Issues shall include the impacts of facilities on adopted LOS standards established for public school facilities, transportation, potable water, wastewater, drainage and solid waste services.

Policy 13.1.6.2: The City shall provide the Brevard County School Board with information regarding proposed new developments to assist its efforts in planning new schools and to solicit its review comments.

Policy 13.1.6.3: In cooperation with the Brevard County School Board, Brevard County, and other local jurisdictions the City will implement the Interlocal Agreement which includes procedures for the coordination

of land use and school capacity, and the sharing of information, including population and student enrollment projections.

Objective 13.1.7: St. Johns River Water Management District. The City shall continuously monitor the St. Johns River Water Management District (SJRWMD) Water Supply Plan for revisions and amendments on an annual basis to determine whether revisions to the City's Water Supply Management Plan are needed.

Policy 13.1.7.1: The City shall maintain a Water Supply Facilities Work Plan consistent with the SJRWMD's Water Supply Plan.

Policy 13.1.7.2: Within 18 months of any changes to the above referenced plan by SJRWMD, the City shall evaluate its adopted Water Supply Facilities Work Plan for updates necessary to keep it consistent with the SJRWMD's plan.

Policy 13.1.7.3: Supply and demand projections will be consistent with the above-mentioned plans, assessments and processes.

Policy 13.1.7.4: The City will continue to actively participate in water supply planning work groups and meetings on an as-needed basis.

Policy 13.1.7.5: The City shall participate in the updates to the SJRWMD's water supply assessment and District Water Supply Plan and other water supply development-related initiatives facilitated by the SJRWMD that affect the City.

XIV - CAPITAL IMPROVEMENTS ELEMENT

Serving the Community

GOAL 14.1: Through the use of sound fiscal policies, the City of Cocoa shall provide adequate public facilities to all residents within its jurisdiction in a timely and efficient manner that promotes orderly compact urban growth and discourages urban sprawl.

Objective 14.1.1: Level of Service Standards. The City shall adopt levels of service (LOS) standards for public facilities and capital improvement projects within its jurisdictional responsibility.

Policy 14.1.1.1: The following LOS standards are hereby adopted and shall be used as the basis for determining the availability of public facilities for new development and redevelopment in the City.

PUBLIC FACILITIES	
WASTEWATER Source: Chapter 64E 6.008, Florida Administrative Code; Standard for Onsite Sewage Treatment and Disposal Systems, Revisions Effective ~~September 5, 2000~~July 16, 2013	DEVELOPMENT TYPE Industrial — 0.02 gallons per sq. ft. per day Office Space — 15 gallons per capita per day Hotel/Motel — 100 gallons per day per room Residential — 319 gallons per day per household Restaurant — 50 gallons per capita per day Bar/Lounge — 20 gallons per day per seat
STORMWATER MANAGEMENT	DESIGN STORM EVENT 25-year frequency/24-hour duration event
	ON-SITE STORMWATER MANAGEMENT Retention of the first one inch of rainfall runoff for areas of one acre or more; or retention of first one-half inch of rainfall runoff for drainage areas of less than one acre.
	STORMWATER QUANTITY Post development stormwater runoff flow rates, quantities, peaks, and velocities shall be equal to or less than levels that existed prior to development.
	STORMWATER QUALITY No significant degradation of water quality in receiving water bodies
POTABLE WATER	AVERAGE FLOW 122 gallons per capita per day (gpcd) per household, or 340 gallons per day per equivalent residential connection (ERC)
	PEAK FLOW - 510 gallons per day per ERC
	PEAK FLOW COEFFICIENT - 1.5
	PRESSURE Normal: 55-65 psi Peak Hour: 40-50 psi During Fire: 20 psi
SOLID WASTE	DISPOSAL (BREVARD COUNTY LANDFILL) Cocoa Contribution Rate – 1.2 tons per capita per year

	COLLECTION Residential: 2 times per week, each household Non-residential: 2 to 6 times per week As needed, each location Green Waste and Recyclables: Once per week	
ROADWAYS		
CITY OF COCOA JURISDICTION		MINIMUM LOS
Forrest Avenue		E
Cox Road (within city limits)		E
Fiske Boulevard (from SR 520 to Dixon Boulevard)		E
Indian River Drive (CR 515)		E
Peachtree Street (from Clearlake Road to US 1/SR 5)		E
Florida Avenue (within city limits)		E
OTHER OR MULTI-JURISDICTIONAL	JURISDICTION	MINIMUM LOS
Pineda Street (from Lake Drive to SR 501)	City/County	E
Michigan Boulevard	County	E
Dixon Boulevard	County	E
Range Road	County	E
Rosetine Street	County	E
Adamson Road (SR 524 to Pine)	County	D
Friday Road (SR 524 to SR 520)	County	E
Grissom Parkway (Industry to Canaveral Groves)	County	E
Industry Road (SR 524 to Grissom Pkwy)	County	E
SR 528 (Beachline Expressway)	State	D
SR 520 (from Clearlake Road to US 1/SR 5)	State	D
SR 520 (from SR 524 to Burnett Rd)	State	D
SR 519 (Fiske Boulevard south of SR 520)	State	D
US 1/SR 5 (from SR 528 to south of SR 520)	State	D
SR 524 (from SR 520 to SR 528)	State	D
SR 501 (Clearlake Road)	State	D
Interstate Highway 95 (I-95) (SR 519/Fiske Blvd to SR 520)	State	E
Interstate Highway 95 (I-95) (SR 520 to SR 524)	State	E
Interstate Highway 95 (I-95) (SR 524 to SR 528)	State	E
RECREATION		
1.25 acres of developed recreational area per 1000 population		

The uniform LOS standards for public schools shall be those established in the Public Schools Facilities Element. ~~Upon achieving the LOS standard of 100% permanent FISH Capacity, by school year 2011/2012, the Tiered LOS will be terminated.~~Currently, the LOS for the School District is 100%.

~~Facility Type~~	~~2009-2010~~	~~2010-2011~~	~~2011-2012~~
~~Elementary Schools~~	~~115%~~	~~105%~~	~~100%~~
~~Middle Schools~~	~~100%~~	~~100%~~	~~100%~~
~~Junior/Senior High Schools~~	~~110%~~	~~105%~~	~~100%~~
~~High Schools~~	~~115%~~	~~100%~~	~~100%~~

Policy 14.1.1.2: By December 1st of each year the City shall adopt as part of its Capital Improvements Element the Brevard County School District Five Year Work Program approved by the School as part of the School District budget. The City of Cocoa hereby adopts by reference the Five-Year District Facilities Work Program (~~2010/20011~~ 2018-2019 through ~~2014/2015~~2022-2023) as approved by the School Board on ~~September 28, 2010~~ October 23, 2018. Included therein shall be planned facilities and funding sources ~~to ensure a financially feasible capital improvements program and~~ to ensure the level of service standards will be achieved by the end of the five-year period.

Objective 14.1.2: Concurrency Management System. The City shall implement the Concurrency Management System (CMS) adopted in the City Code, which is consistent with sections 163.3177 and 163.3180, F.S. ~~and the minimum requirements for concurrency established in section 9J-5.0055 (3), F.A.C.~~ to manage the land development process so that public facility needs created by previously issued development orders or future development do not exceed the City's ability to fund and provide needed capital improvements.

Policy 14.1.2.1: The concurrency evaluation system shall measure the potential impact of any development proposal on the established minimum acceptable LOS standards for sanitary sewer, solid waste, stormwater, potable water, parks and recreation and transportation facilities, unless the development is exempt from the review requirements of the CMS.

Policy 14.1.2.2: No development permit or order shall be issued unless adequate public facilities are available to serve the proposed development as determined by the concurrency evaluation in the adopted CMS.

Policy 14.1.2.3: The City shall require all public and private capital facilities to provide service at the LOS standards adopted in this comprehensive plan for previously vested, existing and future permitted development. These capital facilities shall be provided concurrently with the impacts of development based on the minimum requirements in the City's adopted CMS.

Objective 14.1.3: Evaluation of Capital Projects. The City's capital projects shall be evaluated to determine if they meet prioritization criteria and consistency with adopted LOS standards and/or public need.

Policy 14.1.3.1: Requests for capital projects shall ~~be~~ generally be evaluated on their impact ~~on~~ to the City budget ~~and the financial feasibility of the project~~ based on the following ~~criteria~~factors:

- Meet existing deficiencies;
- Provide repair or replacement of existing facilities; ~~and~~
- Accommodate desired future growth; and~~.~~
- Consistency with the City's Budget Prioritization list.

Policy 14.1.3.2: The Finance Director shall determine if the capital project can be funded from existing cash, future revenues or through borrowing. In addition, the finance director shall assign revenue sources to fund the project.

Policy 14.1.3.3: The Finance Director shall prepare a report evaluating the funding options, the effect of the improvement on future revenues and the effect of the improvement on operation and maintenance costs.

Policy 14.1.3.4: The City shall adopt the following policy statements as guides for capital programming:

A. The City shall make all capital improvements in accordance with an adopted Capital Improvements Program (CIP).

B. The City shall develop a multi-year ~~"cost feasible"~~ plan for capital improvements and update it annually.

C. The City shall enact an annual capital budget based on the multi-year CIP. Future capital expenditures necessitated by changes in population, changes in real estate development or changes in economic base will be calculated and included in capital budget projections.

D. The City shall coordinate development of the capital improvement budget with development of the operating budget. Future operating costs associated with new capital improvement will be projected and included in operating budget forecasts.

E. The City shall use intergovernmental assistance to finance only those capital improvements that are consistent with the CIP and city priorities, and whose operating and maintenance costs have been included in operating budget forecast.

F. The City shall maintain all its assets at a level adequate to protect its capital investment and to minimize future maintenance and replacement costs.

G. The City shall project its equipment replacement and maintenance needs for the next several years and will update this projection each year. From this projection, a maintenance and replacement schedule will be developed and followed.

H. The City shall identify the estimated costs and potential funding sources for each capital project proposal before it is submitted to Council for approval.

I. The City shall determine the least costly financing method for all new projects.

Policy 14.1.3.5: Capital improvements planning will include evaluations of the costs and benefits of upgrading, expanding or modifying regionally significant public facilities versus the cost of constructing new facilities.

Policy 14.1.3.6: Projects of the five-year Capital Improvements ~~Schedule designated as meeting future needs will be given a Level Two or Three Priority.~~Schedule shall be prioritized based on the following:

CRITERIA FOR PRIORITY RANKING OF CAPITAL IMPROVEMENT PROJECTS:

PRIORITY ONE

1) The project addresses a condition dangerous to public health, safety and welfare.~~is needed to protect public health and safety.~~

2) The project ~~fulfills the City's legal commitment to provide facilities and services.~~ achieves compliance with a mandate or other legal obligation (contract/development order).

3) The project ~~corrects an existing facility deficiency or provides for needed replacement of facility components, in order to preserve or achieve full use of existing facilities.~~ alleviates an emergency service disruption or deficiency.

4) The project prevents irreparable damage to a critical public facility.

PRIORITY TWO

1) The project is identified in the 2016-2021 Strategic Plan and will stimulate economic growth and induces opportunity to attract private capital investment.

2) The project's deferment would result in severe degradation of public facilities and/or reduction in level of service.

3) The project leverages available federal, state or county funding or public-private partnerships (grant awarded or

public-private partnership, matching requirement considerations).

4) The project reduces demand on natural resources and/or promotes sustainability.

~~1)~~5) The project increases efficient use of existing facilities.

~~2)~~6) The project ~~prevents or reduces future improvement costs.~~reduces future operating and maintenance costs and advances fiscal sustainability.

~~3)~~7) The project provides service to developed areas lacking full service.

~~4)~~8) The project promotes in-fill development.

PRIORITY THREE

1) The project rehabilitates or replaces an obsolescent public facility.

2) The project provides a new or expanded level of service to City of Cocoa residents and/or business owners.

3) The project leverages available federal, state or county funding (grant opportunities/joint funding).

4) The project enhances natural or cultural resources.

~~1)~~5) The project represents a logical extension of facilities.

PRIORITY FOUR

1) The project promotes and enhances the City of Cocoa's image, physically or emotionally.

2) The project enhances and expands recreational or community amenities.

3) The project presents an opportunity to enhance and strengthen community identification within the Space Coast region.

Objective 14.1.4: Public Facility Improvements for New Growth. Public facility improvements that are needed to support new growth will maintain adopted levels of service. Improvements to public facilities that result from the impact of new development will require equitable cost participation by the developer.

Policy 14.1.4.1: All development order applications shall be evaluated as to the impact of the development on capital facilities and the operation and maintenance of those facilities. The evaluation shall include, but not be limited to, the following:

A. Expected capital costs, including the installation of required new facilities that are related to the development.

B. Expected operation and maintenance costs associated with the new facilities required by the development.

C. Anticipated revenues from the development, including impact fees, user fees and future taxes.

Policy 14.1.4.2: New development shall be responsible for installing all internal water and sewer systems, traffic circulation systems and internal recreation/open space facilities within the development. In addition, connections of internal systems to the City's designated water and sewer systems and traffic circulation network shall be the financial responsibility of the developer. Nothing herein shall preclude the City from adopting a development agreement for the purposes of entering into a public-private partnership to participate in funding improvements.

Policy 14.1.4.3: The City will not approve development that requires public facility improvements that exceed the City's ability to provide these in accordance with the adopted LOS standards.

Policy 14.1.4.4: Service areas designated for public facilities, as defined in the comprehensive plan, will be utilized to guide the availability of public facilities for future development.

Policy 14.1.4.5: The City, through adoption and implementation of land development regulations, comprehensive plan goals, objectives and policies, impact fees, other impact exactions, implementation of the annual budget and five-year capital improvements schedule, shall ensure the availability of public facilities and services concurrent with the impacts of development. Development shall not be approved unless the necessary infrastructure items and services are available subsequent to plan adoption.

~~**Policy 14.1.4.5:**~~**Policy 14.1.4.6:** Public expenditures which fund infrastructure improvements within the Coastal Planning Area shall abide by the limitations expressed in the Coastal Management Element (Objective 9.1.5. and Policies 9.1.5.1-2).

Objective 14.1.5: Coastal High Hazard Expenditures. Public expenditures for capital improvements in the coastal high hazard area (as hurricane vulnerability area) will be limited to repair and replacement of existing facilities, correcting existing deficiencies and hazards, and improvements to the potable water system unless the improvements are included in the plans of the City's community redevelopment areas.

Policy 14.1.5.1: The City will comply with appropriate regulatory requirements regarding development in the coastal high hazard area.

Objective 14.1.6: Multi-Jurisdictional Coordination. The City will continue coordination that provides for multi-jurisdictional approaches to the provision of needed public facilities.

Policy 14.1.6.1: The City will appoint representatives to participate in intergovernmental activities pertaining to public facility issues and comprehensive plan implementation in Brevard County.

Policy 14.1.6.2: The City Manager and the Planning and Zoning Board will work closely to address multi-jurisdictional issues concerning the funding of public services.

Policy 14.1.6.3: Additional City services to the two county enclaves will be predicated on annexation.

Policy 14.1.6.4: All capital projects shall be reviewed as to their compatibility and timing in relation to capital projects being implemented or planned by Brevard County, the Florida Department of Transportation, the St. Johns River Water Management District, the Brevard County School Board, the Florida Department of Environmental Protection, and/or any other applicable government agency.

Policy 14.1.6.5: Consistent with other applicable elements of this Plan, the City will provide for the provision of potable water, wastewater, surface water management, solid waste services, and other public services where the City has a legal commitment to provide such services.

Objective 14.1.7: Schedule of Capital Improvements. An annual review of the Capital Improvements Element (CIE) will be included in the City's budget process.

Policy 14.1.7.1: As part of the annual review of the CIE, the Finance Department shall be responsible for addressing the fiscal impact of capital improvement projects on revenue and expenditures and updating the fiscal assessment section of the CIE.

Policy 14.1.7.2: The fiscal assessment review and update will be carried out by the Finance Office and will include, at minimum, the following:

A. Forecasted summary of revenues and expenditures

B. Projected debt service capacity including:

1. Projected revenue bond debt service as a percentage of total debt;
2. Ratio of total debt to total revenue;
3. Projected ad valorem tax base, assessment ratio and millage rate;
4. Projection of operating cost considerations.

C. Verify financial feasibility of the CIE

Policy 14.1.7.3: The City shall adopt a Capital Improvement Program (CIP) as part of the annual budgeting process. The CIP will be derived from and

coordinated with the annual review of the Capital Improvements Element.

Policy 14.1.7.4: The City hereby adopts the Five-Year Schedule of Capital Improvements included in this element and shall update the projects annually via resolution to reflect any changes to the CIE and CIP.

Policy 14.1.7.5: The City shall, on an annual basis, amend its CIE to reflect any changes to its water treatment and distribution system needed to maintain the adopted level of service for all residents and customers.

Policy 14.1.7.6: The Water and Sewer Enterprise Fund will provide capital improvement revenue and bonding capacity for the expansion of the water and sewer system as identified in the Public Facilities Element and the Capital Improvements Element. The City shall seek supplemental grant funds whenever possible.

Policy 14.1.7.7: The City shall continue to utilize "user pays" financing strategies in land development regulations including, but not limited to, impact fees, user charges, special assessments and contribution in lieu of payment.

Policy 14.1.7.8: In providing capital improvements, the City shall limit the maximum ratio of outstanding indebtedness to no greater than 15% of the property tax base.

CAPITAL IMPROVEMENTS ELEMENT IMPLEMENTATION

- Five Year Schedule of Capital Improvements
- Location of Projects
- Programs to Ensure the Implementation of the Capital Improvements Element, Goals, Objectives and Policies.
- Monitoring and Evaluation

PROGRAMS TO ENSURE THE IMPLEMENTATION OF THE CAPITAL IMPROVEMENTS ELEMENT, GOALS, OBJECTIVES AND POLICIES

1) The Capital Improvements Element will be updated annually as part of the City's budget cycle.
2) The Department of Community Development will monitor land use decisions for consistency with the Capital Improvements Element and Future Land Use Element.
3) Maintaining the adopted LOS will function as primary criteria for assessing the impact of new development on public facilities.
4) The Public Works and Engineering Departments will continue to tract facility demand and capacity information as site plans and subdivision plats are approved.
5) Financial operations of the City will include maintaining enterprise and special funds, connection fees, and general fund balance as revenue sources for capital improvement projects.

MONITORING AND EVALUATION

The role of monitoring and evaluation is vital to the effectiveness of any planning program and particularly for the Capital Improvements Element. This is largely because the City's revenue and expenditure streams are subject to fluctuations in the market and economy. It is the behavior of these streams that will be used to predict fiscal trends in order to maintain the City's adopted level of service standards for public facilities. Therefore, the Capital Improvements Element requires a continuous program for monitoring and evaluation, and pursuant to Chapter 163, F.S., this element will be reviewed on an annual basis to ensure that required fiscal resources are available to provide public facilities needed to support adopted LOS standards. The annual review will be the responsibility of the City Council, City Manager, Department(s) of Community ~~Development and Public Works~~Services, Finance ~~Office~~, Public Works, and Utilities, and the Planning and Zoning Board~~, and the City Council.~~ The review may~~will~~ include the following considerations as appropriate~~, and will include an examination of these considerations in order to determine their continued appropriateness~~:

1) Any corrections, updates, and modifications concerning costs; revenue sources; acceptance of facilities pursuant to dedications which are consistent with the element; or the date of construction of any facility enumerated in the element;

2) The Capital Improvement Element's consistency with the other elements and is support of the Future Land Use Element;

3) The City's ability to provide public facilities and services within the urban service area in order to determine any need for boundary modification or adjustment;

4) The priority assignment of existing public facility deficiencies;

5) The City's progress in meeting those needs determined to be existing deficiencies;

6) The criteria used to evaluate capital improvement projects in order to ensure that projects are being ranked in their appropriate order of priority;

7) The City's effectiveness in maintaining the adopted LOS standards;

8) The City's effectiveness in reviewing the impacts of plans and programs of state agencies and water management districts that provide public facilities within the county's jurisdiction;

9) The effectiveness of potential impact fees, and mandatory dedications or fees in lieu of, for assessing new development a pro rata share of the improvement costs which they generate;

10) The impacts of special districts and any regional facility and service provision upon the City's ability to maintain its adopted LOS standards;

11) The ratio of outstanding indebtedness to city revenue;

12) Efforts made to secure grants or private funds, whenever available, to finance the provision of capital improvements;

13) The transfer of any unexpended account balances;

14) The criteria used to evaluate proposed plan amendments and requests for new development or redevelopment; and

15) Capital improvements needed for the latter part of the planning period, for inclusion in the 5-Year Schedule of Improvements.

City of Cocoa Five-Year Schedule of Capital Improvements

FY ~~2010-11~~ 2018-2019 through FY ~~2014-15~~2022-2023



Capital Improvement Program
FY 2018 through FY 2022

Adopted



Capital Improvement Program
FY 2018 – 2022

Capital Improvement Program

FY 2018 through FY 2022

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CIP Summary List Period FY 2018 - FY 2022

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
001	1103								
CP-IT-17-AE		52-00	Operating	$95,600	$0	$0	$0	$0	$95,600
Aegis 11 Enterprise Upgrade									
CP-IT-18-FR		63-00	Infrastructure	$0	$89,956	$0	$0	$0	$89,956
Complete City Fiber Ring									
1103 Division TOTAL				$95,600	$89,956	$0	$0	$0	$185,556

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
001	2100								
CP-PD-18-L1	PD16IT	64-15	IT Machinery & Equipmen	$52,000	$52,000	$52,000	$52,000	$52,000	$260,000
Laptops for Officers/Patrol Vehicles									
CP-PD-13-VA		64-00	Machinery & Equipment	$0	$100,000	$0	$0	$0	$100,000
Refabricate SWAT Vehicle									
CP-PD-14-V0		64-00	Machinery & Equipment	$0	$0	$0	$35,200	$0	$35,200
Replacement Patrol Vehicle									
CP-PD-14-V9		64-00	Machinery & Equipment	$0	$0	$0	$35,200	$0	$35,200
Replacement Patrol Vehicle									
CP-PD-15-V3		64-00	Machinery & Equipment	$0	$0	$0	$35,200	$0	$35,200
Replacement Patrol Vehicle									
CP-PD-15-V4		64-00	Machinery & Equipment	$0	$0	$0	$0	$35,200	$35,200
Replacement Patrol Vehicle									
CP-PD-15-V5		64-00	Machinery & Equipment	$0	$0	$0	$0	$35,200	$35,200
Replacement Patrol Vehicle									
CP-PD-16-V5		64-00	Machinery & Equipment	$0	$0	$0	$0	$35,200	$35,200
Replacement Patrol Vehicle									
CP-PD-13-VT		64-00	Machinery & Equipment	$0	$0	$0	$35,200	$0	$35,200
Replacement Patrol Vehicle									

Fund	Dept/Div									
001	2100			2018	2019	2020	2021	2022	Total Capital Costs
CP-PD-13-VB		64-00	Machinery & Equipment	$0	$0	$34,500	$0	$0	$34,500
Replacement Patrol Vehicle									
CP-PD-16-V7		64-00	Machinery & Equipment	$0	$0	$0	$0	$35,200	$35,200
Replacement Patrol Vehicle									
CP-PD-13-V8		64-00	Machinery & Equipment	$0	$0	$34,500	$0	$0	$34,500
Replacement Patrol Vehicle									
CP-PD-13-V2		64-00	Machinery & Equipment	$0	$0	$34,500	$0	$0	$34,500
Replacement Patrol Vehicle									
CP-PD-13-V0		64-00	Machinery & Equipment	$0	$0	$33,818	$0	$0	$33,818
Replacement Patrol Vehicle									
CP-PD-13-CP		64-00	Machinery & Equipment	$0	$33,818	$0	$0	$0	$33,818
Replacement Patrol Vehicle									
CP-PD-13-8V		64-00	Machinery & Equipment	$0	$32,818	$0	$0	$0	$32,818
Replacement Patrol Vehicle									
CP-PD-13-4V		64-00	Machinery & Equipment	$0	$33,818	$0	$0	$0	$33,818
Replacement Patrol Vehicle									
CP-PD-13-2V		64-00	Machinery & Equipment	$0	$33,818	$0	$0	$0	$33,818
Replacement Patrol Vehicle									
CP-PD-13-V9		64-00	Machinery & Equipment	$0	$0	$32,818	$0	$0	$32,818
Replacement Patrol Vehicle									
2100 Division TOTAL				$52,000	$286,272	$222,136	$192,800	$192,800	$946,008

Fund	Dept/Div									
001	2101			2018	2019	2020	2021	2022	Total Capital Costs
CP-PD-18-R1	RC2014	64-00	Machinery & Equipment	$0	$0	$0	$52,771	$52,771	$105,542
P25 Radio Replacement									
2101 Division TOTAL				$0	$0	$0	$52,771	$52,771	$105,542

Fund	Dept/Div									
001	2201			2018	2019	2020	2021	2022	Total Capital Costs

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
001	2201								
CP-FD-18-LP		64-00	Machinery & Equipment	$43,019	$0	$0	$0	$0	$43,019
LifePak 15 V4 Monitor/Defibrillator									
CP-FD-17-BA		64-00	Machinery & Equipment	$0	$0	$236,816	$0	$0	$236,816
Replace 27 Self-Contained Breathing Apparatus (SCBA) 45 Masks and 72 air cylinders									
CP-FD-17-EP		64-00	Machinery & Equipment	$0	$0	$0	$526,179	$0	$526,179
Replace E30 a 2006 Pierce Enforcer pumper									
CP-FD-17-PE		64-00	Machinery & Equipment	$0	$497,277	$0	$0	$0	$497,277
Replace E31 a 2002 Pierce Enforcer Pumper									
2201 Division TOTAL				$43,019	$497,277	$236,816	$526,179	$0	$1,303,291

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
001	3200								
CP-CS-17-ES		68-10	Software	$0	$0	$52,720	$0	$0	$52,720
Electronic Plan Review - Software									
3200 Division TOTAL				$0	$0	$52,720	$0	$0	$52,720

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
001	3510								
CP-PW-18-SM		63-00	Infrastructure	$50,000	$50,000	$50,000	$50,000	$50,000	$250,000
Annual Sidewalk Maintenance/Replacement Program									
CP-PW-11-PP	PW08SP	63-00	Infrastructure	$300,000	$300,000	$300,000	$300,000	$300,000	$1,500,000
Annual Street Paving Program									
CP-PW-15-BM		63-00	Infrastructure	$0	$120,000	$0	$0	$0	$120,000
Broadview Manor Street Lighting									
CP-PW-17-FS	PW17SI	63-00	Infrastructure	$1,750,000	$0	$0	$0	$0	$1,750,000
Fiske Blvd Complete Streets Roadway, and Sidewalk Improvements Phase 3 (General Fund)									
CP-PW-17-PS		63-00	Infrastructure	$0	$675,000	$0	$0	$0	$675,000
Pineda Street Roadway and Sidwalk Reconstruction									
CP-PW-18-SI		63-00	Infrastructure	$100,000	$0	$0	$0	$0	$100,000
SR 520 Interim Safety Improvements									

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
001	3510								
CP-PW-18-SB		64-00	Machinery & Equipment	$0	$48,000	$48,000	$48,000	$48,000	$192,000
Steel bench replacement program									
CP-CD-11-SS	CD1205	63-00	Infrastructure	$580,552	$60,552	$0	$0	$0	$641,104
Stone Street Corridor Streetscaping (General Funds portion)									
			3510 Division TOTAL	$2,780,552	$1,253,552	$398,000	$398,000	$398,000	$5,228,104
Fund	**Dept/Div**			2018	2019	2020	2021	2022	Total Capital Costs
001	3540								
CP-PW-18-FW	3540-001	52-00	Operating	$0	$26,725	$0	$0	$0	$26,725
FLEET FASTER ASSET UPGRADE TO FASTER WEB									
CP-PW-18-FB	3540-001	68-10	Software	$0	$20,000	$0	$0	$0	$20,000
FLEET FASTER ASSET UPGRADE TO FASTER WEB									
			3540 Division TOTAL	$0	$46,725	$0	$0	$0	$46,725
Fund	**Dept/Div**			2018	2019	2020	2021	2022	Total Capital Costs
001	3560								
CP-PW-18-HV		64-00	Machinery & Equipment	$0	$40,000	$50,000	$0	$0	$90,000
City Hall HVAC replacement									
CP-PW-13-CR		62-00	Building	$0	$35,000	$830,000	$0	$0	$865,000
Cocoa Civic Center Rehabilitation									
CP-PW-18-WR		46-00	Repair & Maintenance	$0	$0	$63,000	$0	$0	$63,000
Cocoa PD Wall Rehab									
CP-PW-18-F2		46-02	R&M Building	$36,000	$0	$0	$0	$0	$36,000
Fire #2 Rehab									
CP-PW-18-PB		46-02	R&M Building	$0	$76,000	$0	$0	$0	$76,000
Public Works Pole Barn Rehab									
CP-PW-17-S3		46-02	R&M Building	$0	$75,000	$0	$0	$0	$75,000
Roof replacement Fire station #3									
CP-PW-18-SP		46-02	R&M Building	$32,000	$0	$0	$0	$0	$32,000
Seal/Paint Police department									

Fund	Dept/Div									
001	3560			2018	2019	2020	2021	2022	Total Capital Costs
		3560 Division TOTAL		$68,000	$226,000	$943,000	$0	$0	$1,237,000
Fund	**Dept/Div**								
001	3580			2018	2019	2020	2021	2022	Total Capital Costs
CP-PW-17-DM		64-00	Machinery & Equipment	$50,000	$50,000	$0	$0	$0	$100,000
2 Digital message boards									
CP-PW-17-JS	CP1504	62-00	Building	$175,000	$4,385,000	$0	$0	$0	$4,560,000
New Joe L. Smith Center for Justice									
CP-PW-16-FS		63-00	Infrastructure	$0	$95,000	$0	$0	$0	$95,000
Total Fitness system									
CP-PW-18-TC		64-00	Machinery & Equipment	$0	$25,025	$25,025	$0	$0	$50,050
Trash Can replacement									
		3580 Division TOTAL		$225,000	$4,555,025	$25,025	$0	$0	$4,805,050
		001 Fund Total		$3,264,171	$6,954,807	$1,877,697	$1,169,750	$643,571	$13,909,996
Fund	**Dept/Div**								
110	3230			2018	2019	2020	2021	2022	Total Capital Costs
CP-CD-18-FA	CP1502	63-00	Infrastructure	$260,000	$0	$0	$0	$0	$260,000
6 Forrest Avenue Gateway Entry Feature									
CP-PW-18-BA		63-00	Infrastructure	$0	$0	$500,000	$3,500,000	$0	$4,000,000
Brevard Ave Streetscape Project									
CP-CD-14-TD	CS14LW	63-00	Infrastructure	$414,000	$0	$0	$0	$0	$414,000
Cocoa Riverfront T-Dock Expansion (Phase 2 - Construction)									
CP-CD-13-SP	CD1401	63-00	Infrastructure	$0	$0	$0	$0	$433,000	$433,000
Cocoa Village Wayfinding and Signage Program									
CP-CS-16-DG		62-00	Building	$0	$5,500,000	$0	$0	$0	$5,500,000
Downtown Parking Garage									
CP-CS-16-HS	CS15HS	63-00	Infrastructure	$0	$396,994	$0	$0	$0	$396,994
Harrison Street Streetscaping & Stormwater Drainage Improvements (Cocoa CRA portion)									

Fund	Dept/Div									
110	3230			2018	2019	2020	2021	2022	Total Capital Costs
CP-PW-17-PP		63-00	Infrastructure	$0	$0	$125,000	$0	$0	$125,000
Lee Wenner Park Paving and Striping									
CP-CS-16-RP	PW16RP	63-00	Infrastructure	$45,000	$0	$0	$0	$0	$45,000
Riverfront Park Day Slips									
CP-CS-15-MF	CD1501	63-00	Infrastructure	$0	$0	$245,354	$0	$0	$245,354
Riverfront Park Mooring Field									
CP-CS-17-TC		63-00	Infrastructure	$0	$0	$0	$0	$1,685,721	$1,685,721
Southern Gateway Traffic Circle									
		3230 Division TOTAL		$719,000	$5,896,994	$870,354	$3,500,000	$2,118,721	$13,105,069
		110 Fund Total		$719,000	$5,896,994	$870,354	$3,500,000	$2,118,721	$13,105,069
Fund	**Dept/Div**								
301	3580			2018	2019	2020	2021	2022	Total Capital Costs
CP-FD-11-NS		62-00	Building	$4,851,699	$1,648,301	$0	$0	$0	$6,500,000
***New Fire Stations Construction - Subject to funding availability									
CP-CP-15-01	CP1501	62-00	Building	$160,000	$0	$0	$0	$0	$160,000
HEART OF COCOA MEETING ROOM									
		3580 Division TOTAL		$5,011,699	$1,648,301	$0	$0	$0	$6,660,000
		301 Fund Total		$5,011,699	$1,648,301	$0	$0	$0	$6,660,000
Fund	**Dept/Div**								
421	1515			2018	2019	2020	2021	2022	Total Capital Costs
CP-FN-17-MR		64-15	IT Machinery & Equipmen	$91,090	$10,396	$0	$0	$0	$101,486
Meter reading Hand Held Utility Usage Reading Capture Devices									
		1515 Division TOTAL		$91,090	$10,396	$0	$0	$0	$101,486
Fund	**Dept/Div**								
421	4010			2018	2019	2020	2021	2022	Total Capital Costs
CP-PW-18-FE	3540-001	52-00	Operating	$0	$26,725	$0	$0	$0	$26,725
FLEET FASTER ASSET UPGRADE TO FASTER WEB									

Fund	Dept/Div									
421	4010			2018	2019	2020	2021	2022	Total Capital Costs
CP-PW-18-FA	3540-001	68-10	Software	$0	$20,000	$0	$0	$0	$20,000
FLEET FASTER ASSET UPGRADE TO FASTER WEB									
CP-WS-18-AF	WS16UP	31-00	Professional Services	$1,398,790	$0	$0	$0	$0	$1,398,790
Utility Privatization Services									
4010 Division TOTAL				$1,398,790	$46,725	$0	$0	$0	$1,445,515

Fund	Dept/Div									
421	4020			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-18-AT	WS18AS	63-00	Infrastructure	$200,000	$0	$0	$0	$0	$200,000
Automatic Transfer Switch (ATS) Replacement at the TCR Pump Station									
CP-WS-18-CI	WS1117	63-00	Infrastructure	$200,000	$0	$0	$0	$0	$200,000
Computerized Maintenance Management System (CMMS) Implementation									
CP-WS-18-AI	WS18DW	63-00	Infrastructure	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000
Drinking Water System E&IC Reliability and Automation Improvements									
CP-WS-18-GC	WS18DG	63-00	Infrastructure	$170,000	$0	$0	$0	$0	$170,000
Dyal Groundwater Clearwell Transfer Pump Control System Upgrade									
CP-WS-18-RC	WS18DP	63-00	Infrastructure	$330,000	$0	$0	$0	$0	$330,000
Dyal Groundwater WTP Reactor Clarifier No. 1 Pipeline Replacement - Construction									
CP-WS-17-DG	WS17LC	63-00	Infrastructure	$90,000	$0	$0	$0	$0	$90,000
Dyal WTP Package System PLC Upgrade - Cal Flow									
CP-WS-17-OZ	WS17FC	63-00	Infrastructure	$160,000	$0	$0	$0	$0	$160,000
Dyal WTP Package System Programmable Logic Controller Upgrade - Belt Filter Press									
CP-WS-18-SU	WS18SC	63-00	Infrastructure	$170,000	$0	$0	$0	$170,000	$340,000
Dyal WTP SCADA server, OS and Server Software Upgrade									
CP-WS-17-WC		68-10	Software	$0	$0	$120,000	$0	$0	$120,000
FY2020 SCADA Design Programming (Water Capital Project)									
CP-WS-17-CA		63-00	Infrastructure	$0	$0	$0	$60,000	$0	$60,000
FY2021 SCADA Design Programming (Water Capital Project)									

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
421	4020								
CP-WS-18-SD		68-10	Software	$0	$0	$0	$0	$120,000	$120,000
FY2022 SCADA Design Programming (Water Capital Project)									
CP-WS-17-V6		64-00	Machinery & Equipment	$32,900	$0	$0	$0	$0	$32,900
Replacement of vehicle #03 (2008 Ford F250)									
CP-WS-17-V7		64-00	Machinery & Equipment	$34,500	$0	$0	$0	$0	$34,500
Replacement of vehicle #121 (2007 Ford F250 UTILITY)									
CP-WS-17-V11		64-00	Machinery & Equipment	$0	$34,975	$0	$0	$0	$34,975
Replacement of vehicle #130 (2010 Ford F250 UTILITY)									
CP-WS-17-V10		64-00	Machinery & Equipment	$0	$34,975	$0	$0	$0	$34,975
Replacement of vehicle #23 (2009 Ford F250 UTILITY)									
CP-WS-15-LN		64-00	Machinery & Equipment	$0	$0	$250,000	$0	$0	$250,000
Replacement of vehicle #47 (1996 Ford LNT8000)									
CP-WS-17-V8		64-00	Machinery & Equipment	$34,500	$0	$0	$0	$0	$34,500
Replacement of vehicle #78 (2004 Ford F250 UTILITY)									
CP-WS-17-V9		64-00	Machinery & Equipment	$34,500	$0	$0	$0	$0	$34,500
Replacement of vehicle #94 (2005 Ford F250 UTILITY)									
CP-WS-16-WR	WS1106	63-00	Infrastructure	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000
WS-19 Raw Water Well Rehabilitation									
CP-WS-16-FC	WS18SW	63-00	Infrastructure	$418,000	$32,000	$0	$0	$0	$450,000
WT-56 Dyal Surface Water Filters Canopy and Enclosure									
CP-WS-16-DE	WS18DE	63-00	Infrastructure	$98,000	$872,000	$0	$0	$0	$970,000
WT-57 Dyal HSP #4 Tier 4 Diesel Engine Replacement									
CP-WS-18-DL		63-00	Infrastructure	$0	$290,000	$0	$0	$0	$290,000
WT59 Dyal Dewatered Lime Sludge Storage Structure - Design and Construction									
CP-WS-18-LS	WS18CB	63-00	Infrastructure	$0	$0	$0	$0	$420,000	$420,000
WT69 Dyal Groundwater WTP Chemical Building New Lime Silo Stairway - Construction									
CP-WS-18-DB		64-00	Machinery & Equipment	$0	$0	$0	$0	$160,000	$160,000
WT70 Dyal WTP Surface Water Dewatering Building - Polymer System Upgrade-Construction									

Fund	Dept/Div									
421	4020			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-18-DF	WS18CP	63-00	Infrastructure	$300,000	$0	$0	$0	$0	$300,000
WT71 Dyal Groundwater WTP Chemical Building - Two Disc Flow Pumps for Lime Feed System - Const.									
CP-WS-18-PS	WS18UP	63-00	Infrastructure	$50,000	$0	$0	$0	$0	$50,000
WT72 Dyal WTP server Uninterrupted Power Supply (UPS) Upgrade									
CP-WS-18-PC		63-00	Infrastructure	$0	$0	$0	$0	$140,000	$140,000
WT73 Dyal High Service Pump Control System Upgrade									
4020 Division TOTAL				$2,822,400	$1,763,950	$870,000	$560,000	$1,510,000	$7,526,350

Fund	Dept/Div									
421	4025			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-17-V17		64-00	Machinery & Equipment	$0	$0	$38,100	$0	$0	$38,100
Replacement of vehicle #15 (2009 Ford F250 UTILITY)									
CP-WS-15-71		64-00	Machinery & Equipment	$49,241	$0	$0	$0	$0	$49,241
Replacement of vehicle #171 (2001 Ford F450 Dump)									
CP-WS-16-V6		64-00	Machinery & Equipment	$0	$0	$38,100	$0	$0	$38,100
Replacement of vehicle #174 (2009 Ford F250 Utility)									
CP-WS-15-29		64-00	Machinery & Equipment	$0	$0	$70,900	$0	$0	$70,900
Replacement of vehicle #29 (2002 Ford F450 Dump)									
CP-WS-15-32		64-00	Machinery & Equipment	$0	$0	$71,900	$0	$0	$71,900
Replacement of vehicle #32 (2002 Ford F450 Dump)									
CP-WS-18-V1		64-00	Machinery & Equipment	$53,939	$0	$0	$0	$0	$53,939
Replacement of vehicle #79 (2002 Ford F450 Utility)									
CP-WS-15-92		64-00	Machinery & Equipment	$0	$76,900	$0	$0	$0	$76,900
Replacement of vehicle #92 (2008 Ford F350 Utility)									
4025 Division TOTAL				$103,180	$76,900	$219,000	$0	$0	$399,080

Fund	Dept/Div									
421	4055			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-17-WP	WS0501	63-00	Infrastructure	$2,420,000	$0	$0	$0	$0	$2,420,000
14"/18" AC Raw Water Pipeline Upgrade and Well 17 Area Isolation Valves - Phase I Construction									

Fund	Dept/Div									
421	4055			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-17-CP	WS1210	68-10	Infrastructure	$500,000	$0	$0	$0	$0	$500,000
Capital Plan Update									
CP-WS-14-39	WS18MI	63-00	Infrastructure	$150,000	$1,290,000	$0	$0	$0	$1,440,000
DS-39 Merritt Island In-line Booster Pump Station									
CP-WS-18-FL		63-00	Infrastructure	$0	$0	$0	$0	$610,000	$610,000
DS40 Ivy Dr. and Fenner Rd. Looping									
CP-WS-18-PB		63-00	Infrastructure	$0	$0	$0	$0	$880,000	$880,000
DS43 Pluckebaum Rd and A Ln Looping									
CP-WS-18-BR		63-00	Infrastructure	$0	$0	$0	$0	$200,000	$200,000
DS55 Banana River Drive Canal Crossing									
CP-WS-17-BR	WS18BR	63-00	Infrastructure	$370,000	$1,169,634	$2,792,502	$0	$0	$4,332,136
DS-56 Banana River Tank Improvements									
CP-WS-16-PS	DSCO	63-00	Infrastructure	$0	$0	$87,616	$1,092,384	$0	$1,180,000
DS-60 Banana River and Viera Pump Station Chloramination Improvements									
CP-WS-18-PL		63-00	Infrastructure	$0	$0	$0	$0	$310,000	$310,000
DS62 Imperial to Central Pipe Loop/Brown Circle									
CP-WS-16-MM	WS16MM	63-00	Infrastructure	$2,100,000	$0	$0	$0	$0	$2,100,000
DS-63 Marlin Manor Pipeline Improvements - Construction									
CP-WS-12-DP	WS1404	63-00	Infrastructure	$4,456,476	$13,902,001	$3,297,999	$0	$0	$21,656,476
Dyal Chemical Conversion & Reliability Improvement Project - Construction									
CP-WS-17-WE	WS18WF	63-00	Infrastructure	$1,150,000	$0	$0	$0	$0	$1,150,000
Fiber Optic Cable from Dyal WTP to Wewa WTP									
CP-WS-17-FO	WS17FO	63-00	Infrastructure	$690,000	$0	$0	$0	$0	$690,000
Fiber Optic Cable from Police Department to Dyal WTP									
CP-WS-18-FB	WS18FB	63-00	Infrastructure	$1,000,000	$0	$0	$0	$0	$1,000,000
Fiske Boulevard Pipeline Improvements - Peachtree to Highland									
CP-UT-18-HS	WS18HS	63-00	Infrastructure	$0	$98,720	$0	$0	$0	$98,720
Harrison Street Streetscape (Utility portion)									

Fund	Dept/Div									
421	4055			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-18-MA	WS17MI	63-00	Infrastructure	$740,000	$0	$0	$0	$0	$740,000
Michigan Avenue Force Main (Carry Forward)									
CP-WS-18-SS	WS18SS	63-00	Infrastructure	$659,356	$0	$0	$0	$0	$659,356
Stone Street Corridor Streetscaping (Utility portion)									
CP-WS-13-PM	WS1221	63-00	Infrastructure	$1,500,000	$1,400,000	$1,200,000	$1,100,000	$1,000,000	$6,200,000
Utilities Program Management									
CP-WS-18-TS	WS1210	68-10	Software	$30,000	$300,000	$30,000	$30,000	$30,000	$420,000
Wastewater Capital Plan									
CP-WS-14-03	WS0501	63-00	Infrastructure	$0	$0	$0	$0	$240,000	$240,000
WS-03 Pigging and Flushing Improvements for Raw Water Pipelines									
CP-WS-14-05	WS-05	63-00	Infrastructure	$0	$0	$0	$1,100,955	$2,319,045	$3,420,000
WS-05 54 inch Redundant Pipe to Dyal									
CP-WS-05-01	WS0501	63-00	Infrastructure	$0	$0	$99,892	$5,428,703	$2,767,574	$8,296,169
WS-09 42 inch New Pipeline West of Well 7A to Dallas Wewa									
CP-WS-18-RP		63-00	Infrastructure	$0	$0	$0	$0	$390,000	$390,000
WS11 Redundant Pipeline Well 20 to 23 - Design									
CP-WS-12-PL	WS1201	63-00	Infrastructure	$2,770,786	$2,142,744	$3,000,000	$3,424,610	$5,000,000	$16,338,140
WS1201 Pipe Infrastructure Assessment and Replacement									
CP-WS-18-NW		63-00	Infrastructure	$0	$820,000	$0	$0	$0	$820,000
WS20 Install New Well No. 17									
CP-WS-18-SI		63-00	Infrastructure	$0	$0	$0	$0	$2,300,000	$2,300,000
WS22 Wellfield Security Improvements									
CP-WS-14-02	WS1402	63-00	Infrastructure	$3,995,629	$0	$0	$0	$0	$3,995,629
WT-02 Separation of Groundwater and Surface Water Clear Well									
CP-WS-18-LF		63-00	Infrastructure	$0	$0	$0	$0	$840,000	$840,000
WT37 Lime Feed and Storage System Improvements									
CP-WS-18-BE		63-00	Infrastructure	$0	$0	$0	$0	$1,540,000	$1,540,000
WT48 Recarbonation Basin Expansion-Reactor Clarifiers #1/#2 - Design and Construction									

Fund	Dept/Div									
421	4055			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-15-SU	WS1508	63-00	Infrastructure	$0	$310,000	$3,250,000	$0	$0	$3,560,000
WT-51 Sulfuraetor									
CP-WS-16-GI	WT-54	63-00	Infrastructure	$0	$0	$430,000	$3,860,000	$0	$4,290,000
WT-54 Tier 4 Generator Improvements									
CP-WS-18-SB		62-00	Building	$0	$0	$0	$0	$220,000	$220,000
WT58 Dyal WTP Storage Building									
CP-WS-18-BP		63-00	Infrastructure	$0	$90,000	$950,000	$0	$0	$1,040,000
WT61 Dyal CO2 Bulk Package System									
CP-WS-17-TT	WS18DT	64-00	Machinery & Equipment	$110,000	$0	$0	$0	$0	$110,000
WT-62 Dyal TTHM Prevention and/or Reduction									
CP-WS-17-DF	WS18RD	63-00	Infrastructure	$0	$640,000	$6,840,000	$0	$0	$7,480,000
WT-63 Replacement of Dyal Finished Water Steel GST									
CP-WS-15-OI	WT-CO	64-00	Machinery & Equipment	$0	$0	$1,513,504	$3,036,496	$0	$4,550,000
WT-CO Ozone Improvements (Generator Replacement, Chiller Replacement, Contactor Improvements)									
4055 Division TOTAL				$22,642,247	$22,163,099	$23,491,513	$19,073,148	$18,646,619	$106,016,626

Fund	Dept/Div									
421	4120			2018	2019	2020	2021	2022	Total Capital Costs
CP-WS-18-BS		63-00	Infrastructure	$0	$0	$200,000	$200,000	$1,800,000	$2,200,000
Biosolids Improvements Project									
CP-WS-17-PA	WW-32	63-00	Infrastructure	$0	$115,000	$0	$0	$0	$115,000
Bracco Pond Aeration									
CP-WS-18-BI	WW-32	63-00	Infrastructure	$0	$90,000	$0	$0	$0	$90,000
Bracco Pond Interconnect									
CP-WS-18-CS		63-00	Infrastructure	$0	$100,000	$600,000	$0	$0	$700,000
Chemical Storage Relocation									
CP-WS-18-UP	WS17CM	63-00	Infrastructure	$50,000	$0	$0	$0	$0	$50,000
CMMS Update Phase II									

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
421	4120								
CP-WS-18-GR		63-00	Infrastructure	$0	$0	$0	$0	$200,000	$200,000
Generator Replacement									
CP-WS-18-IP		63-00	Infrastructure	$0	$0	$0	$0	$205,000	$205,000
Internal Recycle Pump Replacement									
CP-WS-18-FI	WS16SF	63-00	Infrastructure	$2,115,000	$2,115,000	$0	$0	$0	$4,230,000
Jerry Sellers Flow Improvements									
CP-WS-18-LE	WS18SE	62-00	Building	$65,000	$0	$0	$0	$0	$65,000
Jerry Sellers WRF Laboratory Expansion									
CP-WS-18-OP	WS18PR	31-00	Professional Services	$65,000	$0	$0	$0	$0	$65,000
Jerry Sellers WRF Operating Permit Renewal									
CP-WS-18-LP		63-00	Infrastructure	$0	$0	$0	$200,000	$0	$200,000
LCP No. 1 Rehabilitation									
CP-WS-18-CR	WS1222	63-00	Infrastructure	$780,000	$0	$0	$0	$0	$780,000
MCC and Conduit Replacement Project (Carry Forward)									
CP-WS-18-MP		63-00	Infrastructure	$0	$65,000	$650,000	$0	$0	$715,000
Michigan Pond Supplemental Reuse									
CP-WS-17-ML	WS1510	63-00	Infrastructure	$40,000	$400,000	$750,000	$0	$0	$1,190,000
Mud Lake Wetlands									
CP-WS-18-FR		64-00	Machinery & Equipment	$21,200	$0	$0	$0	$0	$21,200
New F150 Ref Cab									
CP-WS-18-WP		63-00	Infrastructure	$0	$0	$0	$600,000	$0	$600,000
Reclaimed Water Pump Replacement									
CP-WS-18-RM		64-00	Machinery & Equipment	$0	$0	$0	$550,000	$0	$550,000
Replacement of MCCs 7 and 8									
CP-WS-17-V16		64-00	Machinery & Equipment	$0	$30,237	$0	$0	$0	$30,237
Replacement of vehicle #42 (2006 Ford E250 VAN)									
CP-WS-17-RT	WS17RT	63-00	Infrastructure	$150,000	$150,000	$150,000	$150,000	$150,000	$750,000
RTU Replacement									

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
421	4120								
CP-WS-18-TR		63-00	Infrastructure	$0	$0	$0	$0	$250,000	$250,000
Tank recoating project									
CP-WS-18-TP		63-00	Infrastructure	$0	$0	$0	$430,000	$0	$430,000
Transfer pump replacement									
CP-WS-18-DC		63-00	Infrastructure	$0	$0	$0	$0	$2,530,000	$2,530,000
UV Disinfection Conversion									
CP-WS-17-VI	WS17VA	63-00	Infrastructure	$60,000	$0	$0	$0	$0	$60,000
Valve Identification Project									
CP-WS-17-V2		64-00	Machinery & Equipment	$56,000	$0	$0	$0	$0	$56,000
Water Reclamation E250 Van									
			4120 Division TOTAL	$3,402,200	$3,065,237	$2,350,000	$2,130,000	$5,135,000	$16,082,437
Fund	**Dept/Div**			2018	2019	2020	2021	2022	Total Capital Costs
421	4125								
CP-WS-17-R3	WS0904	63-00	Infrastructure	$400,000	$400,000	$400,000	$400,000	$0	$1,600,000
CIPP Rehabilitation Phases 3 - 6									
CP-WS-18-SR		63-00	Infrastructure	$0	$0	$0	$700,000	$0	$700,000
Lift Station No. 1 Replacement									
CP-WS-17-V18		63-00	Infrastructure	$0	$0	$0	$38,100	$0	$38,100
Replacement of vehicle #53 (2009 Ford F250 UTILITY)									
CP-WS-17-V1	WW-33	64-00	Machinery & Equipment	$0	$0	$30,237	$0	$0	$30,237
Water Reclamation Fleet E250 Van									
CP-WS-17-V3	WW-36	64-00	Machinery & Equipment	$0	$0	$0	$38,100	$0	$38,100
WFO Sewer F250 Utility Ford									
CP-WS-17-V4	WW-37	64-00	Machinery & Equipment	$0	$0	$0	$75,900	$0	$75,900
WFO Sewer F450 Dump Ford									
			4125 Division TOTAL	$400,000	$400,000	$430,237	$1,252,100	$0	$2,482,337
			421 Fund Total	$30,859,907	$27,526,307	$27,360,750	$23,015,248	$25,291,619	$134,053,831

Fund	Dept/Div			2018	2019	2020	2021	2022	Total Capital Costs
423	3570								
CP-SW-11-Cra	PW08CG	63-00	Infrastructure	$50,000	$50,000	$50,000	$50,000	$50,000	$250,000
Annual Curb & Gutter R&M Program									
CP-SW-11-CR	SW08PL	63-00	Infrastructure	$200,000	$200,000	$200,000	$200,000	$200,000	$1,000,000
Annual Cured in Place Pipe Lining									
CP-PW-17-FY	PW17SI	63-00	Infrastructure	$140,000	$0	$0	$0	$0	$140,000
Fiske Blvd Complete Streets Roadway, and Sidewalk Improvements Phase 3 (General Fund)									
CP-PW-17-HS	SW17HS	63-00	Infrastructure	$0	$95,867	$0	$0	$0	$95,867
Harrison Street Streetscape (Stormwater portion)									
CP-SW-12-IR	SW1503	63-00	Infrastructure	$0	$80,000	$80,000	$80,000	$80,000	$320,000
Indian River Drive Baffle Box									
CP-SW-17-MB		64-00	Machinery & Equipment	$0	$310,000	$0	$0	$0	$310,000
Mechanical Broom Sweeper									
CP-SW-12-RR	SW1301	63-00	Infrastructure	$0	$0	$250,000	$0	$0	$250,000
Pipe Range Road Drainage Ditch									
CP-PW-18-SS		63-00	Infrastructure	$120,414	$0	$0	$0	$0	$120,414
Stone street Corridor Streetscaping (Stormwater portion)									
CP-SW-18-AM		31-00	Professional Services	$80,000	$50,000	$0	$0	$0	$130,000
Stormwater GIS Asset Mapping									
CP-SW-17-FA		63-00	Infrastructure	$250,000	$135,000	$0	$0	$0	$385,000
US1 and Forrest Ave Stormwater Facility									
CP-PW-18-YI		64-00	Machinery & Equipment	$32,000	$0	$0	$0	$0	$32,000
Yale Industrial Forklift									
		3570 Division TOTAL		$872,414	$920,867	$580,000	$330,000	$330,000	$3,033,281
		423 Fund Total		$872,414	$920,867	$580,000	$330,000	$330,000	$3,033,281
			Total Requests	**$40,727,191**	**$42,947,276**	**$30,688,801**	**$28,014,998**	**$28,383,911**	**$170,762,177**

City of Cocoa Capital Improvement Plan
FY 2018 through FY 2022

General Fund Projects

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 1103

CIP #: CP-IT-17-AE Project #: Account #: 52-00 CIP Classification: Operating District: City

Project Name: Aegis 11 Enterprise Upgrade FY Start 2018 Quarter Q2

Project Location: City FY End 2018 Quarter Q1

Project Description

Updrade from Aegis 10.3 MSP to Aegis 11.0 Enterprise. This project includes implementation services and travel related expenses required by Tyler to upgrade the existing public safety sofeware.

Project Justification

Aegis Enterprise includes several next generation features such as enhanced 911, advanced GIS integration and data sharing with several other agencies throughout Brevard County.

Strategic Connection: Operational

The Aegis Public Safety software suite is an essential tool used by Cocoa Police and Fire Departments.

Total Cost of Project	Total Cost to Date
$95,600	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$95,600

Recurring Annual Costs

Operating	$0
Maintenance	$1,360
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,360

Capital Costs and Proposed Financing by Fiscal Year

2018	$95,600	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$95,600	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 1103

CIP #: CP-IT-18-FR Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Complete City Fiber Ring FY Start 2018 Quarter Q2

Project Location: Police Department to City Hall FY End 2018 Quarter Q1

Project Description

Construction of the last section of City fiber from the Police Department to City Hall, completing the fiber ring.

Project Justification

The existing fiber infrastructure consists of a collapsed ring that loops back on itself to provide redundancy. Construction of additional fiber would complete the ring, making the system more redundant. The proposed fiber would cross three major roads (520, Fiske, & US1), railroad tracks, and ten minor roads. Completion of the fiber ring would provide for high availablity of network services and reduced downtime in the event of a fiber cut.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$89,956	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	Revenue
2019	$89,956	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$89,956	

Financing Comments

CIE_Designation ☐

Robert Beach

From: Jason McCuen
Sent: Friday, March 31, 2017 4:03 PM
To: Robert Beach
Subject: 2016 FEC Permits (Voided)

IT16FR - PD to City Hall Return Fiber FEC Permit - Application ($5k) & ROE ($1.5k)		——6,500.00
VOIDED - 09/20/2016		
IT16FR - PD to City Hall Return Fiber FEC Permit - Engineering Review		——1,500.00
VOIDED - 09/20/2016		

COCOA FLORIDA
Serving our Community with PRIDE!

Jason McCuen
Help Desk Technician
Information Technology
City of Cocoa
65 Stone St
Cocoa, FL 32922-7982

To initiate a tech support request, view or add notes of an existing ticket, or to provide feedback, please utilize the Help Desk Web Portal located at: http://mainv-app02.cocoafl.org/helpdesk/Forms/LoginPage.aspx

Access email on any internet platform:
Office Exchange Email: https://webmail.cocoafl.org
Office 365 Email: https://outlook.office365.com

Danella Construction Corporation of Florida Quote for:

City of Cocoa- Return path PD to City Hall

3/31/2017

Item #	Police Department to City Hall return Path - Construction	Qty	Unit	Amount	Ext.
1	Design new reroute	2150	Ft	$0.75	$1,612.50
2	permit new reroute	2150	Ft	$0.25	$537.50
3	adder- railroad crossing design - minimum charge	1500	Ft	$0.75	$1,125.00
4	adder- railroad crossing permit - minimum charge (not including permit fee)	1500	Ft	$0.25	$375.00
5	PE Stamp (if required)	1	Ea	$500.00	$500.00
6	Furnish & Directional Bore (1) 2" Duct	3160	Ft	$12.00	$37,920.00
7	Furnish & Install 24"x36"x18" handholes with 20k lids	5	Ea	$600.00	$3,000.00
8	Core bores	4	Ea	$100.00	$400.00
9	saw cut	200	sqft	$1.00	$200.00
10	Conc remo	150	Sqft	$3.50	$525.00
11	Conc replace	150	Sqft	$7.00	$1,050.00
12	Material - Conc	150	Sqft	$5.00	$750.00
13	asphalt remo	50	sqft	$2.50	$125.00
14	asphalt replace	50	sqft	$5.25	$262.50
15	material - asphalt	50	sqft	$5.00	$250.00
16	Install muletape - New	3160	Ft	$0.25	$790.00
17	Furnish & Install #12 tracer wire	3160	Ft	$0.35	$1,106.00
18	Furnish Install 144 Fiber optic cable to existing vaults in front of city hall & police - (collapsed into bldgs)	9075	Ft	$2.50	$22,687.50
19	Furnish & install 24 foc	715	Ft	$1.44	$1,029.60
20	Install splice case	2	Ea	$250.00	$500.00
21	Splice case 8.5x22	2	Ea	$706.20	$1,412.40
22	Install Splice trays	2	Ea	$55.00	$110.00
23	Fusion Splice fibers (24 per location)	96	Ea	$30.00	$2,880.00
24	Marker posts	10	Ea	$65.00	$650.00
25	Marker posts with test stations	2	Ea	$85.00	$170.00
26	Material - loaded 24 count fiber panel (existing rack)	1	Ea	$1,029.00	$1,029.00
27	12 port bulkhead for existing panel	2	Ea	$110.00	$220.00
28	24 pigtails for existing panel	24	Ea	$21.00	$504.00
29	splice tray for existing panel	1	Ea	$55.00	$55.00
30	Material - ground rods	5	Ea	$36.00	$180.00
		Construction Total			**$81,956.00**

NOTE:

Pricing is only vaild if direct awarded as a whole under palm coast contract piggyback

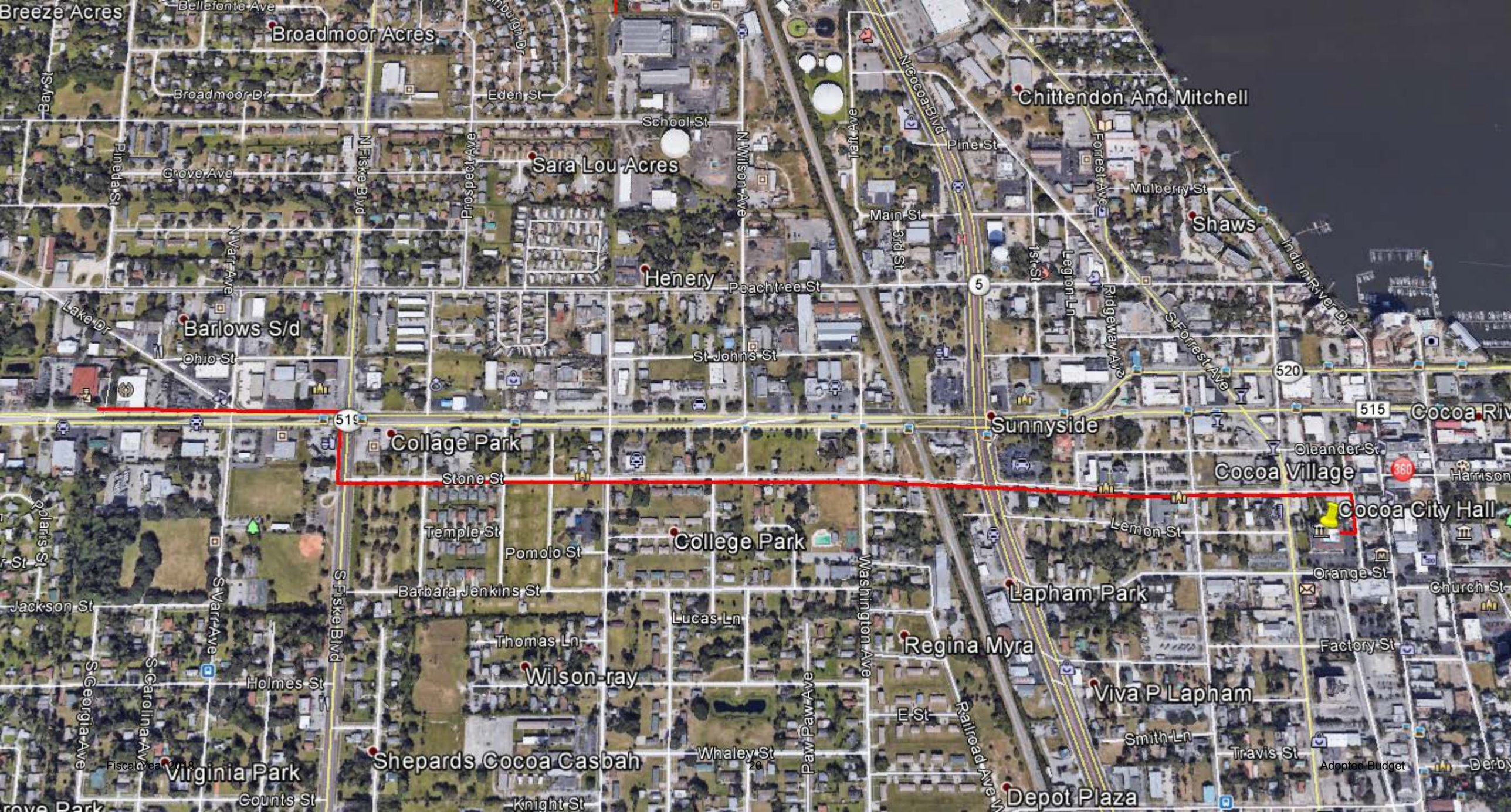
If project is bid out this propsal becomes null & void. A new proposal will be supplied with pricing specific to project and not palm coast contract rates.

Does not include city county or railroad permit fees. All permit fees to be paid by city directly.
includes terminating & splicing 24 of 144 fiber

Assumes existing conduit is usable & not damaged - starting at Fl & Orange st into city hall

Price does not include any rock adders in the event that rock is encountered in the process of boring.
Rates based on City of Palm Coast Contract

Dan Howick
Manager
Danella Construction Corporation of Florida, Inc
581 Washburn Road Melbourne, Fl. 32934
321-259-6124
dhowick@danella.com


Breeze Acres
Bellefonte Ave
Broadmoor Acres
Broadmoor Dr
Eden St
School St
Sara Lou Acres
Grove Ave
Pineda St
N Fiske Blvd
Prospect Ave
N Wilson Ave
Taft Ave
N Cocoa Blvd
Pine St
Chittendon And Mitchell
Forest Ave
Mulberry St
Shaws
Indian River Dr
Main St
3rd St
1st St
Legion Ln
Ridgeway Ave
S Forest Ave
5
Henery
Peachtree St
N Varr Ave
Lake Dr
Barlows S/d
Ohio St
St Johns St
520
515
519
Collage Park
Sunnyside
Cocoa Riv
Oleander St
Cocoa Village
360
Harrison
Stone St
Cocoa City Hall
Lemon St
Temple St
College Park
Pomolo St
Orange St
Church St
Polaris St
Barbara Jenkins St
Lapham Park
Jackson St
S Varr Ave
S Fiske Blvd
Lucas Ln
Washington Ave
Thomas Ln
Regina Myra
Factory St
Wilson-ray
Holmes St
S Georgia Ave
S Carolina Ave
Viva P Lapham
E St
Railroad Ave
Smith Ln
Travis St
Whaley St
Shepards Cocoa Casbah
Virginia Park
Counts St
Knight St
Depot Plaza

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-18-L1 Project #: PD16IT Account #: 64-15 CIP Classification: IT Machinery & Equipment District: City

Project Name: Laptops for Officers/Patrol Vehicles FY Start 2018 Quarter Q4

Project Location: Police Department FY End 2018 Quarter Q1

Project Description

Ten new laptops will be purchased each year for patrol officers to replace laptops that are worn and have fulfilled their life span. Additionally, this would equip the vehicles with the proper laptop mounts for the new vehicles and laptops.

Project Justification

This is necessary to keep up with the technology of the times and to update old worn out equipment. Additionally, this project will assist the police department in having the proper mounting systems for the laptops in the vehicles. The total recurring operating costs, ($12,300) we are currently already paying.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$260,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$52,000

Recurring Annual Costs

Operating	$12,300
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$12,300

Capital Costs and Proposed Financing by Fiscal Year

2018	$52,000	Revenue
2019	$52,000	Revenue
2020	$52,000	Revenue
2021	$52,000	Revenue
2022	$52,000	Revenue
Total Capital Costs	$260,000	

Financing Comments

Once the project is approved, a specific vehicle type is necessary in order to properly quote the kit (make, model, year, etc.). DV grant applied for and is anticipated to cover a portion of the acquisition.

CIE_Designation ☐

QUOTE CONFIRMATION

CDW•G PEOPLE WHO GET IT

DEAR CITY OF COCOA,

Thank you for considering CDW•G for your computing needs. The details of your quote are below. Click here to convert your quote to an order.

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
HTCX898	3/8/2017	PANASONIC CF54	5938989	$35,264.25

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
Panasonic Toughbook 54 Premium Public Sector Service Package - 14" - Core i Mfg. Part#: CF-54F9-00KM UNSPSC: 43211503 Contract: NJPA 100614#CDW Technology Catalog (100614#CDW)	7	4379459	$3,800.00	$26,600.00
Havis PKG-PSM-203 - mounting kit Mfg. Part#: PKG-PSM-203 UNSPSC: 31162313 Contract: NJPA 100614#CDW Technology Catalog (100614#CDW)	7	2144721	$412.75	$2,889.25
Havis CF-H-PAN-422-2-P - port replicator Mfg. Part#: CF-H-PAN-422-2-P UNSPSC: 43211603 Contract: NJPA 100614#CDW Technology Catalog (100614#CDW)	7	3723657	$825.00	$5,775.00

PURCHASER BILLING INFO		
Billing Address: CITY OF COCOA CITY OF COCOA 65 STONE ST RM 209 COCOA, FL 32922-7807 **Phone:** (321) 433-8558 **Payment Terms:** Request Terms	SUBTOTAL	$35,264.25
	SHIPPING	$0.00
	GRAND TOTAL	$35,264.25
DELIVER TO	**Please remit payments to:**	
Shipping Address: CITY OF COCOA 65 STONE ST COCOA, FL 32922-7982 **Shipping Method:** DROP SHIP-GROUND	CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515	

Need Assistance? CDW•G SALES CONTACT INFORMATION

John Vrablik | (877) 466-6333 | johnvra@cdwg.com

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QUOTE CONFIRMATION

DEAR CITY OF COCOA,

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QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
HTCX869	3/8/2017	PANASONIC CF54	5938989	$125,943.75

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
Panasonic Toughbook 54 Premium Public Sector Service Package - 14" - Core i Mfg. Part#: CF-54F9-00KM UNSPSC: 43211503 Contract: NJPA 100614#CDW Technology Catalog (100614#CDW)	25	4379459	$3,800.00	$95,000.00
Havis PKG-PSM-203 - mounting kit Mfg. Part#: PKG-PSM-203 UNSPSC: 31162313 Contract: NJPA 100614#CDW Technology Catalog (100614#CDW)	25	2144721	$412.75	$10,318.75
Havis CF-H-PAN-422-2-P - port replicator Mfg. Part#: CF-H-PAN-422-2-P UNSPSC: 43211603 Contract: NJPA 100614#CDW Technology Catalog (100614#CDW)	25	3723657	$825.00	$20,625.00

PURCHASER BILLING INFO		
Billing Address: CITY OF COCOA CITY OF COCOA 65 STONE ST RM 209 COCOA, FL 32922-7807 **Phone:** (321) 433-8558 **Payment Terms:** Request Terms	**SUBTOTAL**	$125,943.75
	SHIPPING	$0.00
	GRAND TOTAL	**$125,943.75**
DELIVER TO	**Please remit payments to:**	
Shipping Address: CITY OF COCOA 65 STONE ST COCOA, FL 32922-7982 **Shipping Method:** DROP SHIP-GROUND	CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515	

Need Assistance? CDW•G SALES CONTACT INFORMATION

John Vrablik | (877) 466-6333 | johnvra@cdwg.com

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For more information, contact a CDW account manager

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CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-VA Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Refabricate SWAT Vehicle FY Start 2019 Quarter Q4

Project Location: City of Cocoa FY End 2019 Quarter Q1

Project Description

Refabricate the gray SWAT Van

Project Justification

Enables the Police Department to sustain services to citizens. This vehicle will refabricate current vehicle #267 which is the SWAT van. It is in need of refabrication due to the fact that it is a 1990 Ford P30 Van and has over 100,000 miles on it.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$100,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$100,000	Reserves
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$100,000	

Financing Comments

We were unable to obtain a quote with the vendor - this is an estimate only.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-2V Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2019 Quarter Q4

Project Location: City of Cocoa FY End 2019 Quarter Q1

Project Description

Replace vehicle #245, patrol vehicle

Project Justification

Enables the Police Department to sustain services to Citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$33,818	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$33,818	Reserves
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$33,818	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

COMPANY: 001 - City of Cocoa Active Fleet FY-2017 CIP
DEPARTMENT: 2100 - Cocoa Police

VEH#	YR	MAKE	MODEL	VIN		TYPE	AGE	MTR	MNT	COND	TOTAL	REPLACE	REP-COST	ANY CAPITALIZATIONS
225	2005	CHEVY	IMPALA	2G1WF52KX59378627	A	SUPPORT SER	5.0	5.0	8.4	0.0	18.4	02/21/2017	$22,900	
213	2006	CHEVY	IMPALA	2G1WS551169377253	A	CIV - ADMIN	5.0	3.0	5.6	0.0	13.6	02/21/2018	$23,500	
269	2007	CHEVY	IMPALA	2G1WS55R179197648	A	CPD DET	5.0	3.6	4.7	0.0	13.3	03/21/2018	$23,900	
245	2008	CHEVY	IMPALA	2G1WS553989247774	A	SGT MARKED	4.5	2.9	5.7	0.0	13.1	05/21/2018	$33,818	
238	2008	CHEVY	IMPALA	2G1WS553X89247962	A	SGT MARKED	4.5	2.8	5.2	0.0	12.5	09/21/2018	$33,818	
265	2007	CHEVY	IMPALA	2G1WS55R379192998	A	CPD DET	5.0	3.1	4.5	0.0	12.6	09/21/2018	$27,324	
286	2010	CHEVY	IMPALA	2G1WD5EM9A1146452	A	CPD PATROL	3.2	3.4	7.4	-1.0	13.0	10/21/2018	$32,818	TRANSMISSION
203	2007	CHEVY	IMPALA	2G1WS55R779196150	A	CPD ADMIN	4.1	2.8	5.9	0.0	12.8	11/21/2018	$27,460	
287	2008	CHEVY	IMPALA	2G1WS553781198122	A	SGT MARKED	4.5	2.6	5.2	0.0	12.3	11/21/2018	$33,818	REPAINTED - BLACK
219	2008	FORD	TAURUS	1FAHP24W58G161851	A	LT - ADMIN	4.2	3.9	4.2	0.0	12.3	01/21/2019	$25,900	
236	2008	CHEVY	IMPALA	2G1WS553789250902	A	CPD PATROL	4.5	3.2	4.0	0.0	11.7	02/21/2019	$33,818	REPAINTED - BLACK
299	2010	CHEVY	IMPALA	2G1WD5EM4A1147542	A	CPD PATROL	3.5	4.0	4.5	0.0	12.0	02/21/2019	$34,500	
212	2004	CHEVY	IMPALA	2G1WF52K949332706	A	CIV - ADMIN	5.0	2.8	4.0	0.0	11.8	03/21/2019	$23,900	
298	2010	CHEVY	IMPALA	2G1WD5EM2A1146034	A	CPD PATROL	3.5	3.2	5.1	0.0	11.8	03/21/2019	$34,500	
288	2009	CHEVY	IMPALA	2G1WS57M191295856	A	CPD PATROL	3.9	3.1	4.7	0.0	11.7	04/21/2019	$34,500	
228	2007	CHEVY	IMPALA	2G1WS55R879192589	A	SGT MARKED	4.7	3.5	6.4	-2.0	12.6	05/21/2019	$32,818	REPAINTED - BLACK
297	2010	CHEVY	IMPALA	2G1WD5EM7A1147664	A	CPD PATROL	3.5	2.8	5.0	0.0	11.3	07/21/2019	$34,500	
229	2008	CHEVY	IMPALA	2G1WS553581269592	A	CIV - ADMIN	4.1	3.6	3.3	0.0	11.0	12/21/2019	$25,900	
262	2009	CHEVY	IMPALA	2G1WB57K091250762	A	CPD DET	4.1	3.0	3.5	0.0	10.6	01/21/2020	$25,900	
206	2010	CHEVY	IMPALA	2G1WD5EMXA1252974	A	SGT MARKED	2.9	2.3	5.4	0.0	10.6	04/21/2020	$35,200	REPAINTED - BLACK
257	2010	CHEVY	IMPALA	2G1WD5EM0A1146551	A	CPD PATROL	2.8	3.3	4.9	0.0	11.0	05/21/2020	$35,200	
276	2009	CHEVY	IMPALA	2G1WB57K491248030	A	CPD DET	4.1	3.1	2.9	0.0	10.1	05/21/2020	$25,900	
294	2010	CHEVY	IMPALA	2G1WD5EM3A1146575	A	CPD PATROL	3.5	2.4	3.6	0.0	9.5	09/21/2020	$35,200	
230	2009	CHEVY	IMPALA	2G1WS57M191261156	A	CPD PATROL	3.7	2.4	3.6	0.0	9.7	11/21/2020	$35,200	
252	2011	CHEVY	IMPALA	2G1WD5EM1B1184047	A	CPD PATROL	3.1	3.0	3.1	0.0	9.2	12/21/2020	$35,200	
274	2010	CHEVY	IMPALA	2G1WD5EM4A1181240	A	SGT MARKED	3.3	2.1	3.2	0.0	8.6	05/21/2021	$35,200	REPAINTED - BLACK
256	2013	FORD	POLICE INTERCEP	1FAHP2L82DG201851	A	CPD PATROL	2.0	2.5	3.4	0.0	7.9	10/21/2021	$35,200	
244	2013	FORD	POLICE INTERCEP	1FAHP2L84DG201849	A	CPD PATROL	2.0	2.5	2.7	0.0	7.2	04/21/2022	$35,200	
VEHICLE COUNT: 28													$873,092	

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-4V | Project #: | Account #: 64-00 | CIP Classification: Machinery & Equipment | District: City

Project Name: Replacement Patrol Vehicle | FY Start 2019 Quarter Q4

Project Location: City of Cocoa | FY End 2019 Quarter Q1

Project Description

Replace Vehicle #238, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$33,818	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$33,818	Reserves
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$33,818	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-8V Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2019 Quarter Q4

Project Location: City of Cocoa FY End 2019 Quarter Q1

Project Description

Replace vehicle #286, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$32,818	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$32,818	Reserves
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$32,818	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-CP | Project #: | Account #: 64-00 | CIP Classification: Machinery & Equipment | District: City

Project Name: Replacement Patrol Vehicle | FY Start 2019 Quarter Q4

Project Location: City of Cocoa | FY End 2019 Quarter Q1

Project Description

Replace vehicle #287, patrol vehicle

Project Justification

Enables the Police Department to sustain services to Citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$33,818	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$33,818	Reserves
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$33,818	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-V0 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2020 Quarter Q4

Project Location: City of Cocoa FY End 2020 Quarter Q1

Project Description

Replace vehicle #236, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$33,818	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$33,818	Reserves
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$33,818	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-V2 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2020 Quarter Q4

Project Location: City of Cocoa FY End 2020 Quarter Q1

Project Description

Replace vehicle #299, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,500	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$34,500	Reserves
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,500	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-V8 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2020 Quarter Q4

Project Location: City of Cocoa FY End 2020 Quarter Q1

Project Description

Replace vehicle #288, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,500	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$34,500	Reserves
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,500	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-V9 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2020 Quarter Q4

Project Location: City of Cocoa FY End 2020 Quarter Q1

Project Description

Replace vehicle #228, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$32,818	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$32,818	Reserves
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$32,818	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-VB Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2020 Quarter Q4

Project Location: City of Cocoa FY End 2020 Quarter Q1

Project Description

Replace vehicle #297, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,500	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$34,500	Reserves
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,500	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-13-VT | Project #: | Account #: 64-00 | CIP Classification: Machinery & Equipment | District: City

Project Name: Replacement Patrol Vehicle | FY Start 2021 Quarter Q4

Project Location: City of Cocoa | FY End 2021 Quarter Q1

Project Description

Replace vehicle #206, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$35,200	Reserves
2022	$0	$0 this FY
Total Capital Costs	$35,200	

Financing Comments

Due to the purchase of so many new vehicles in FY16; we are pushing vehicles back one FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-14-V0 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2021 Quarter Q4

Project Location: City of Cocoa FY End 2021 Quarter Q1

Project Description

Replace vehicle # 257, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$35,200	Reserves
2022	$0	$0 this FY
Total Capital Costs	$35,200	

Financing Comments

Due to purchasing so many vehicles in FY16 we are reqesting that the purchase of this vehicle be moved back a year.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-14-V9 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2021 Quarter Q4

Project Location: City of Cocoa FY End 2021 Quarter Q1

Project Description

Replace vehicle # 294, patrol vehicle

Project Justification

Enables the Police Department to sustain services to citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$35,200	Reserves
2022	$0	$0 this FY
Total Capital Costs	$35,200	

Financing Comments

Due to a large acquisition of vehicles in FY16 we are requesting that the purchase of this vehicle be moved back a FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-15-V3 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2021 Quarter Q4

Project Location: City of Cocoa FY End 2021 Quarter Q1

Project Description

Replace vehicle #230, patrol vehicle

Project Justification

Enables the Police Department to sustain services to the citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$35,200	Reserves
2022	$0	$0 this FY
Total Capital Costs	$35,200	

Financing Comments

Due to the large acquisition of vehicles in FY16 we are requesting that this purchase be moved back a FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-15-V4 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2022 Quarter Q4

Project Location: City of Cocoa FY End 2022 Quarter Q1

Project Description

Replace vehicle #252, patrol vehicle

Project Justification

Enables the Police Department to sustain services to the citizens.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$35,200	Reserves
Total Capital Costs	$35,200	

Financing Comments

Due to the large acquisition of vehicles in FY16, we are requesting that this purchase be moved back a FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-15-V5 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2022 Quarter Q4

Project Location: City of Cocoa FY End 2022 Quarter Q1

Project Description

Replace vehicle #274, patrol vehicle

Project Justification

Enables the Police Department to sustain services to the citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$35,200	Reserves
Total Capital Costs	$35,200	

Financing Comments

Due to the large acquisition of vehicles in FY16 we are requesting that this purchase be moved back a FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-16-V5 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2022 Quarter Q4

Project Location: City of Cocoa FY End 2022 Quarter Q1

Project Description

Replace vehicle #256, patrol vehicle

Project Justification

Enables the Police Department to sustain services to the citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$35,200	Reserves
Total Capital Costs	$35,200	

Financing Comments

Due to the large acquisiton of vehicles in FY 16 we are requesting that this purchase be moved back a FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2100

CIP #: CP-PD-16-V7 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement Patrol Vehicle FY Start 2022 Quarter Q4

Project Location: City of Cocoa FY End 2022 Quarter Q1

Project Description

Replace vehicle #244, patrol vehicle

Project Justification

Enables the Police Department to sustain services to the citizens

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$35,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$700
Maintenance	$675
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,375

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$35,200	Reserves
Total Capital Costs	$35,200	

Financing Comments

Due to the large acquisition of vehicles in FY16, we are requesting that this purchase be moved back a FY.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2101

CIP #: CP-PD-18-R1 Project #: RC2014 Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: P25 Radio Replacement FY Start 2020 Quarter Q4

Project Location: City of Cocoa Police Department FY End 2020 Quarter Q1

Project Description

Project 25 Radio replacement

Project Justification

This CIP is for radio replacement for the original 2014 portable radios that were purchased. The State of Florida recommends replacement of a portable radio every 6 years. We purchased 26 portables in 2014 and the quote is for 15 replacement radios.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$105,542	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$1,800
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,800

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$52,771	Revenue
2022	$52,771	Revenue
Total Capital Costs	$105,542	

Financing Comments

CIE_Designation ☐

COMMUNICATIONS INTERNATIONAL

4045 Pines Industrial Avenue
Rockledge, FL 32955
Voice: 321.636.9885 Fax: 321.636.7720

QUOTATION

Page	1/2
Date	2/17/2017
Quote Number	QTE1700296

Bill To
Cocoa Police Department
Susan Austin
65 Stone St
Cocoa, FL, 32922
USA

Site
Cocoa Police Department
65 Stone Street
Cocoa, FL, 32922 USA

Contact
Voice:
Fax:

Site Number	Description	Salesperson	Reference
COC130MAIN	XG75P Portable	Grayson, Garin L.	Budgetary FY 2020

Description	Qty	Unit	Sale Price	Total
XG75P Scan Portable Package				
EVXGPB78B - Portable XG-75, 764-870 MHz, Scan, Black - The below zero dollar items are included in the package purchase.	15	Each	3,330.41	49,956.15
MAEVNPL3R - Feature, Maximum (1024+) Systems/Groups	15	Each	0.00	0.00
EVP25ED - FEATURE PACKAGE,P25 TRUNKING & EDACS	15	Each	0.00	0.00
EVPRO - Feature, Provoice	15	Each	0.00	0.00
EVXGNPL4F - Feature Package, P25 PHASE 2 TDMA	15	Each	0.00	0.00
MAEVNPL7G - Feature,ESK/P25 Personality Lock	15	Each	0.00	0.00
MAEVPKG8F - Feature, Encryption (includes 256-B AES Encryption for P25 T	15	Each	0.00	0.00
MAEVNPL5K - Feature, Profile OTAP Over the Air Programming	15	Each	0.00	0.00
EVPA3R - Battery,Li-Ion,2400mAH	15	Each	0.00	0.00
MAEVNNC5X - Antenna, 764-870 MHz, 1/4 Wave Whip (KRE10115062)	15	Each	0.00	0.00
MAEVNHC2G - Belt Clip, Standard (CC23894)	15	Each	0.00	0.00
FM014712 - Cover, UDC Weather Proof, P5300/P5400	15	Each	0.00	0.00
MAEVNCH9T - Charger, Single, Tri-Chemistry (CH104560 007)	15	Each	0.00	0.00

COMMUNICATIONS INTERNATIONAL

4045 Pines Industrial Avenue
Rockledge, FL 32955
Voice: 321.636.9885 Fax: 321.636.7720

QUOTATION

Page	2/2
Date	2/17/2017
Quote Number	QTE1700296

Description	Qty	Unit	Sale Price	Total
V210438 - Evolution Speaker Mic, Coil Cord, E-Button, 2.5mm,P5400/7300	15	Each	108.12	1,621.80
E110009 - EARPHONE KIT 2.5, R/A 30" COILED CORD	15	Each	40.32	604.80
Program, Portable Scan	15	Each	32.50	487.50
Shipping and Handling - Shipping and handling is based upon quantity ordered and subject to change. - Allow 8 - 10 weeks delivery after order. - BUDGETARY ONLY	1	Each	100.00	100.00
			Subtotal:	52,770.25

Prices quoted are valid for (30) Days from Document Date.
Orders may be subject to shipping & handling charges.
All warranties are manufacture's warranties.

Plus Tax	0.00
Total Due (USD)	52,770.25

By signing this Quotation and/or submitting a purchase order pursuant to this Quotation you acknowledge that you have read and agree to be bound by Communications Int'l. Inc.'s Terms and Conditions of Sale Service and Technical Support.

Communications Control Centers (dispatch rooms) will be sized from actual floor plan drawings, showing all required consoles with chair space and all other required furniture and equipment. In the event this information is not available, there should be an allowance for a range of 100 to 120 square feet for each position. Allocation includes room for chair movement and access to the console electronics.

The Department recommends that new radio communications equipment or facilities be purchased with additional capacity and/or features in order to minimize obsolescence. With the universal utilization of computers, CRT consoles with modular furniture are recommended for their potential to save space and add to the overall efficiency of the dispatch environment.

I. Communications Equipment Life Cycle

Communications equipment should be in an environmental controlled facility unless the equipment is rated for outside operations.

3.0 RADIO EQUIPMENT REPLACEMENT POLICY

The Department of Management Services (the Department) has established guidelines for the replacement of communications equipment. Specific situations that warrant equipment replacement (with proper maintenance) are listed below:

1. Equipment has reached the age listed below although it may not have been in continuous use:

Type of Equipment	**Age (Years)**
Mobile Radios	8
Portable Radios	6
Base and Control Station Radios	10
Transmitter combiners	10
Antennas and Transmission Lines	
Within 10 miles of bodies of salt water	10
Other locations	12
Antenna Towers	
Within 10 miles of bodies of salt water	15
Other locations	20
Antenna Tower Lighting Systems	10

Type of Equipment	**Age (Years)**
Control consoles	10
Logging Recorders	10
Instant Recall Recorders	6
Prefabricated Equipment Shelters	15
Standby Emergency Power Generators	
Within 10 miles of bodies of salt water	8
Other locations	12
Microwave Equipment	15

2. Based on an investigation by the Department or a written statement of need from an agency, the Department may recommend an earlier than normal replacement schedule in situations where equipment is damaged, abnormally worn, or technically obsolete.

3. The Department recognizes that adequate preventative maintenance programs will extend the usable life of equipment beyond the times schedules above and therefore encourages agencies to develop and implement such programs. In such cases longer replacement schedules will be considered.

4. For large systems, phased replacement schedules may be necessary for economic reasons. Thus, the Department will consider earlier replacement schedules for a portion of the system equipment such that the last equipment to be replaced will not be older than three years beyond the normal replacement schedule.

4.0 RADIO FREQUENCY *BUY OUT* POLICY

When an agency needs to implement a new radio system or to expand an existing one in certain situations, the shortage of available radio channels may preclude a straightforward implementation or expansion. In such cases, the most economical alternative may be the relocation of an existing radio user from one channel to another, in order to free up a channel for the agency planning to implement or expand. When feasible, The Department of Management Services will support such an arrangement and may recommend that the agency purchase new radio equipment for the user being relocated, in exchange for the user's current radio channels and radio equipment.

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2201

CIP #: CP-FD-18-LP Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: LifePak 15 V4 Monitor/Defibrillator FY Start 2018 Quarter Q3

Project Location: Fire Department FY End 2018 Quarter Q1

Project Description

Purchase a LifePak 15 V4

Project Justification

The purchase of the Life Pak 15 will give us a backup unit when one of our LifePaks units is down for repair. The only unit we have for a back up is past its useful life. We can also use the new unit for training paramedics as it matches the capabilities of our current units.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$43,019	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$43,019

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$43,019	Reserves
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$43,019	

Financing Comments

CIE_Designation ☐

Physio-Control, Inc
11811 Willows Road NE
P.O. Box 97006
Redmond, WA 98073-9706 U.S.A.
www.physio-control.com
tel 800.442.1142
Sales Order fax 800.732.0956
Service Plan fax 800.772.3340

To	CITY OF COCOA FD Attn: Brad Hall, District Chief 114 1ST ST COCOA,FL 32922 (321) 639-7605 bhall@cocoafl.org	Quote Number	00070710
		Revision #	1
		Created Date	2/17/2017
		Sales Consultant	Susan Cote (407) 497-2636
		FOB	Destination
		Terms	All quotes subject to credit approval and the following terms and conditions
		NET Terms	NET 30
Contract	NASPO #SW300 v2	Expiration Date	5/18/2017

Product	Product Description	Quantity	List Price	Unit Discount	Unit Sales Price	Total Price
99577-001588	LIFEPAK 15 V4 Monitor/Defib, Adaptive Biphasic, Manual & AED, Color LCD, 100mm Printer, Noninvasive Pacing, Metronome, Trending, SpO2, NIBP, 12-Lead ECG, EtCO2, Carbon Monoxide, MetHemoglobin, Bluetooth INCLUDED AT NO CHARGE: 2 PAIR QUIK-COMBO ELECTRODES PER UNIT - 11996-000091, TEST LOAD - 21330-001365, IN-SERVICE DVD - 21330-001486 (one per order) , SERVICE MANUAL CD- 26500-003612 (one per order) and SHIP KIT (RC Cable) 41577-000288 INCLUDED. HARD PADDLES, BATTERIES AND CARRYING CASE NOT INCLUDED.	1.00	38,425.00	-5,424.91	33,000.09	33,000.09
11140-000015	AC power cord	1.00	81.00	-16.03	64.97	64.97
11140-000052	LP15 REDI-CHARGE Adapter Tray	1.00	206.00	-39.94	166.06	166.06
11141-000115	REDI-CHARGE Base (power cord not included)	1.00	1,520.00	-294.42	1,225.58	1,225.58
21330-001176	LP 15 Lithium-ion Battery 5.7 amp hrs	4.00	469.00	-99.58	369.42	1,477.68
11160-000013	NIBP CUFF-REUSEABLE,CHILD, BAYONET	1.00	24.00	-3.60	20.40	20.40
11160-000017	NIBP CUFF-REUSEABLE, LARGE ADULT, BAYONET	1.00	33.00	-4.95	28.05	28.05
11171-000046	M-LNCS DCI, Adult Reusable Sensor, 1/box	1.00	301.00	-45.15	255.85	255.85
11171-000049	Rainbow DCI Adt Reusable Sensor, 1/box	1.00	640.00	-98.55	541.45	541.45
11577-000002	LIFEPAK 15 Basic carry case w/ right & left pouches. INCLUDED AT NO CHARGE WHEN ORDERED WITH DEVICE: 11577-000001 Shoulder Strap	1.00	320.00	-57.18	262.82	262.82
11220-000028	Carry case top pouch for use w/LIFEPAK 12 or LIFEPAK 15	1.00	57.00	-10.59	46.41	46.41
11260-000039	LIFEPAK 15 Carry case back pouch	1.00	82.00	-14.68	67.32	67.32
LP15-OSCOMP-4-POS	LIFEPAK 15 Service - 4 YEAR. On-site Comprehensive Coverage. Annual Payments.	1.00	6,896.00	-1,034.40	5,861.60	5,861.60

Subtotal	USD 43,018.28
Estimated Tax	USD 0.00
Estimated Shipping & Handling	USD 0.00
Grand Total	USD 43,018.28

Pricing Summary Totals

List Price Total	USD 50,461.00
Total Contract Discounts Amount	USD -7,442.72
Total Discount	USD 0.00
Trade In Discounts	USD 0.00
Tax + S&H	USD 0.00

GRAND TOTAL FOR THIS QUOTE

USD 43,018.28

PHYSIO-CONTROL, INC. REQUIRES WRITTEN VERIFICATION OF THIS ORDER. A PURCHASE ORDER IS REQUIRED ON ALL ORDERS $5,000 OR GREATER BEFORE APPLICABLE FREIGHT AND TAXES. THE UNDERSIGNED IS AUTHORIZED TO ACCEPT THIS ORDER IN ACCORDANCE WITH THE TERMS AND PRICES DENOTED HEREIN.

_____
CUSTOMER APPROVAL (AUTHORIZED SIGNATURE)

_____
NAME

_____
TITLE

_____
DATE

Reference Number SC/14366702/125499

General Terms for all Products, Services and Subscriptions.
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Pricing. Prices do not include freight insurance, freight forwarding fees, taxes, duties, import or export permit fees, or any other similar charge of any kind applicable to the goods and services. Sales or use taxes on domestic (USA) deliveries will be invoiced in addition to the price of the goods and services unless Physio receives a copy of a valid exemption certificate prior to delivery. Discounts may not be combined with other special terms, discounts, and/or promotions.
Payment. Payment for goods and services shall be subject to approval of credit by Physio. Unless otherwise specified by Physio in writing, the entire payment of an invoice is due thirty (30) days after the invoice date for deliveries in the USA, and sight draft or acceptable (confirmed) irrevocable letter of credit is required for sales outside the USA.
Minimum Order Quantity. Physio reserves the right to charge a service fee for any order less than $200.00.
Patent Indemnity. Physio shall indemnify Buyer and hold it harmless from and against all demands, claims, damages, losses, and expenses, arising out of or resulting, from any action by a third party against Buyer that is based on any claim that the services infringe a United States patent, copyright, or trademark, or violate a trade secret or any other proprietary right of any person or entity. Physio's indemnification obligations hereunder will be subject to (i) receiving prompt written notice of the existence of any claim; (ii) being able to, at its option, control the defense and settlement of such claim (provided that, without obtaining the prior written consent of Buyer, Physio will enter into no settlement involving the admission of wrongdoing); and (iii) receiving full cooperation of Buyer in the defense of any claim.
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Delays. Physio will not be liable for any loss or damage of any kind due to its failure to perform or delays in its performance resulting from an event beyond its reasonable control, including but not limited to, acts of God, labor disputes, the requirements of any governmental authority, war, civil unrest, terrorist acts, delays in manufacture, obtaining any required license or permit, and Physio inability to obtain goods from its usual sources.
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Compliance with Confidentiality Laws. Both parties acknowledge their respective obligations to maintain the security and confidentiality of individually identifiable health information and agree to comply with applicable federal and state health information confidentiality laws.
Compliance with Law. The parties agree to comply with any and all laws, rules, regulations, licensing requirements or standards that are now or hereafter promulgated by any local, state, and federal governmental authority/agency or accrediting/administrative body that governs or applies to their respective duties and obligations hereunder.
Regulatory Requirement for Access to Information. In the event 42 USC § 1395x(v)(1)(I) is applicable, Physio shall make available to the Secretary of the United States Department of Health and Human Services, the Comptroller General of the United States General Accounting Office, or any of their duly authorized representatives, a copy of these terms, such books, documents and records as are necessary to certify the nature and extent of the costs of the products and services provided by Physio.
No Debarment. Physio represents and warrants that it and its directors, officers, and employees (i) are not excluded, debarred, or otherwise ineligible to participate in the Federal health care programs as defined in 42 USC § 1320a-7b(f); (ii) have not been convicted of a criminal offense related to the provision of healthcare items or services; and (iii) are not under investigation which may result in Physio being excluded from participation in such programs.
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Additional Terms for Purchase and Sale of Products.
In addition to the General Terms above, the following terms apply to all purchases of products from Physio:
Delivery. Unless otherwise specified by Physio in writing, delivery shall be FOB Physio point of shipment and title and risk of loss shall pass to Buyer at that point. Partial deliveries may be made and partial invoices shall be permitted and shall become due in accordance with the payment terms. In the absence of shipping instructions from Buyer, Physio will obtain transportation on Buyer's behalf and for Buyer's account. Delivery dates are approximate. Freight is pre-paid and added to Buyer's invoice. Products are subject to availability.
Inspections and Returns. Within 30 days of receipt of a shipment, Buyer shall notify Physio of any claim for product damage or nonconformity. Physio, at its sole option and discretion, may repair or replace a product to bring it into conformity. Return of any product shall be governed by the Returned Product Policy located at http://www.physio-control.com/Documents/. Payment of Physio's invoice is not contingent on immediate correction of nonconformities.
No Resale. Buyer agrees that products purchased hereunder will not be resold to third parties and will not be reshipped to any persons or places prohibited by the laws of the United States of America.

Additional Terms for Purchase and Sale of Service Plans.
In addition to the General Terms above, the following terms apply to all Physio Service Plans.
Service Plans. Physio shall provide services according to the applicable Service Plan purchased by Buyer and described at http://www.physio-control.com/ServicePrograms.aspx for the length of the subscription purchased and for the devices specified as covered by the Service Plan ("Covered Equipment").
Pricing. If the number or configuration of Covered Equipment changes during the Service Plan subscription, pricing shall be pro-rated accordingly. For Preventative Maintenance, Inspection Only, Comprehensive, and Repair & Inspect Service Plans, Buyer is responsible to pay for preventative maintenance and inspections that have been performed since the last anniversary of the subscription start date and such services shall not be pro-rated.
Device Inspection Before Acceptance. All devices that are not covered under Physio's Limited Warranty or a current Service Plan must be inspected and repaired (if necessary) to meet specifications at then-current list prices prior to being covered under a Service Plan.
Unavailability of Covered Equipment. If Covered Equipment is not made available at a scheduled service visit, Buyer is responsible to reschedule with the Physio Service Technician, or ship-in the Equipment to a Physio service depot. Physio reserves the right to charge Buyer a surcharge for a return visit. Surcharges will be based on then-current Physio list price of desired services, less 10% for labor and 15% for parts, plus applicable travel costs. The return visit surcharge will be in addition to the subscription price of the Service Plan. To avoid the surcharge, Buyer may ship devices to a Physio service depot. Buyer shall be responsible for round-trip freight for ship-in service.
Unscheduled or Uncovered Services. If Buyer requests services to be performed on Covered Equipment which are not covered by a Service Plan, or are outside of designated Services frequency or hours, Physio-Control will charge Buyer for such services at 10% off Physio-Control's standard rates (including overtime, if appropriate) and applicable travel charges. Repair parts required for such repairs will be made available at 15% off the then-current list price.
Loaners. If Covered Equipment must be removed from service to complete repairs, Physio will provide Buyer with a loaner device, if one is available. Buyer assumes complete responsibility for the loaner and shall return the loaner to Physio in the same condition as received, normal wear and tear exempted, upon the earlier of the return of the removed Covered Equipment or Physio's request.
Cancellation. Buyer may cancel a Service Plan upon sixty (60) days' written notice to Physio. In the event of such cancellation, Buyer shall be responsible for the portion of the designated price which corresponds to the portion of the Service Plan subscription prior to the effective date of termination and the list-price cost of any preventative maintenance, inspections, or repairs rendered after the last anniversary date of the subscription start date.
No Solicitation. During the Service Plan subscription and for one (1) year following its expiration Buyer agrees to not to actively and intentionally solicit anyone who is employed by Physio to provide services such as those described in the Service Plan.

PHYSIO CONTROL

PRODUCT BROCHURE

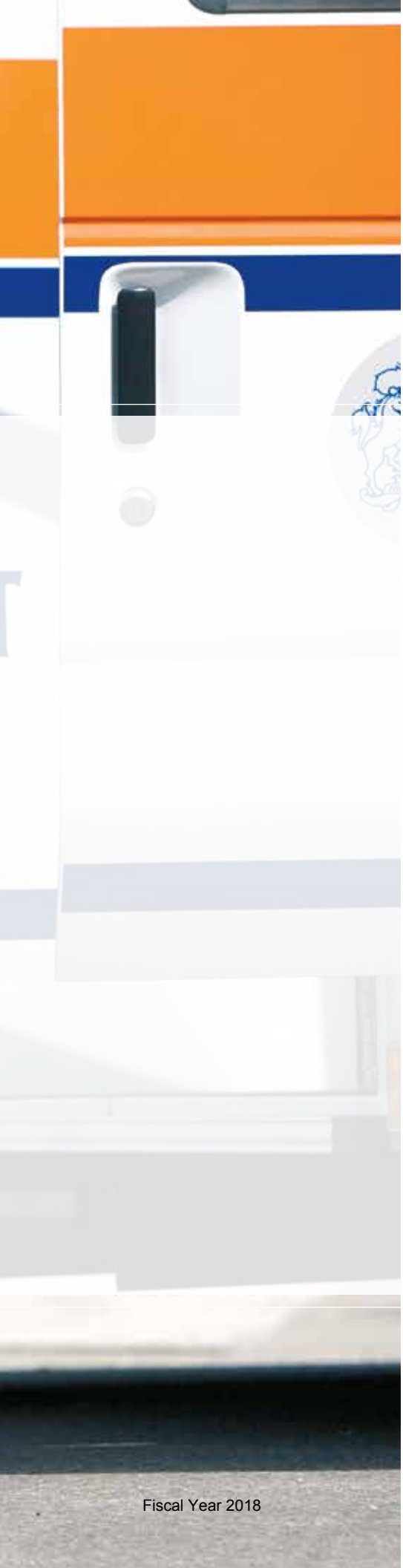


LIFEPAK® 15 MONITOR/DEFIBRILLATOR

For Emergency Medical Services



When you respond to emergencies, you need the most advanced monitor/ defibrillator that sets the standard in innovation, operations and toughness.



The LIFEPAK 15 monitor/defibrillator delivers.

Physio-Control defibrillators have set the standard for six decades, and the latest version of the LIFEPAK® 15 monitor/defibrillator raises the bar. As our most advanced emergency response monitor/defibrillator, the LIFEPAK 15 device balances sophisticated clinical technologies and supreme ease of use in a device that's tough enough to stand up to your most challenging environments. Evolving from its original platform, the *15* features temperature monitoring and external power to complement 360J of energy and 12-lead ECG transmission capability. And that means your team can be even more effective.

A LIFEPAK device never stands on its own—and the LIFEPAK 15 monitor is no different. Physio-Control is committed to providing innovative solutions for emergency response care, from first responders to throughout the hospital.

Our products have helped save tens of thousands of lives. We're proud to continue this work with the features in the LIFEPAK 15 monitor/defibrillator.

The standard in clinical innovation.

The pioneer in portable defibrillation and monitoring technology, Physio-Control is committed to creating technologies and devices that change the way you provide emergency care. You can see the results in the latest version of the LIFEPAK 15 monitor/defibrillator, which sets the standard in innovation—yet again.







Advanced monitoring parameters

With more monitoring capabilities than any other monitor/defibrillator, the *15* gives you $EtCO_2$ with continuous waveform capture. Masimo® Rainbow® technology helps you detect hard-to-diagnose conditions and improve patient care with noninvasive monitoring of carbon monoxide, SpO_2 and methemoglobin. In addition, the *15* offers temperature monitoring—and like other data, you can transmit it to other systems, trend it, or display for post-event review in CODE-STAT™ data review software.

Advanced support for treating cardiac patients

The *15* continuously monitors all 12 leads in the background and alerts you to changes using the ST-Segment trend monitoring feature, after acquiring the initial 12-lead. Additionally, STJ values are included on the 12-lead printout to help you identify changes. The *15* also works seamlessly with the web-based LIFENET System 5.0, so you can automatically share critical patient data with multiple patient care teams.

Full energy up to 360 joules, for every patient who needs it

The LIFEPAK 15 monitor/defibrillator features 360J biphasic technology, which gives you the option of escalating your energy dose up to 360J for difficult-to-defibrillate patients. Why is this necessary? Recent studies have shown that refibrillation is common among VF cardiac arrest patients and that defibrillation of recurring episodes of VF is increasingly difficult. A randomized controlled clinical trial shows the rate of VF termination was higher with an escalating higher energy regimen of 200J and over.[1]

Proven CPR guidance and post event review

The CPR Metronome in the LIFEPAK 15 monitor uses audible prompts to guide you without distracting vocal critique. A metronome has been a feature that has been demonstrated to help professionals perform compressions and ventilations within the recommended range of the 2015 AHA Guidelines. Post-event review of CPR data and delivering feedback to the team has been shown to be effective in improving CPR quality in both hospital and out-of-hospital.[2,3,4] And by transmitting code data directly to CODE-STAT Data Review software, EMS personnel can review CPR statistics and provide training and feedback where it is most needed.

Post-event review of CPR data and delivering feedback to the team has been shown to be effective in improving CPR quality in both hospital and out-of-hospital.[2,3,4]




LIFEPAK® 15 MONITOR/DEFIBRILLATOR
LIFEPAK 15 MONITOR/DEFIBRILLATOR
12:13:00
87
98
107
70
85
SpO2
12-LEAD
TRANSMIT


ON
CPR
ENERGY SELECT
CHARGE
LEAD
PACER
RATE
SpO2


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The standard in operational effectiveness.

Flexible, connected and easy to use, the LIFEPAK 15 monitor/defibrillator was designed based on the feedback and needs specific to working in the field.

Dual-mode LCD screen with SunVue™ display

Switch from full-color to high-contrast SunVue mode with a single touch for the best full-glare view in the industry. A large screen (8.4 inches diagonally) and full-color display provide maximum viewability from all angles.

Flexible power options

Choose between external worldwide AC or DC power, or use the latest Lithium-ion dual battery technology for up to six hours of power. The LIFEPAK 15 monitor's two-battery system requires no maintenance or conditioning, and allows you to charge batteries in the device. In addition, you can track the status and service life of your batteries using LIFENET® Asset, part of the LIFENET System data network.

Data connectivity

The *15* collects code summaries and equipment status data along with critical clinical information as you treat patients. Using LIFENET Connect, part of the LIFENET System data network, the code summaries can be sent directly to your quality improvement team for review with CODE-STAT Data Review Software. Your equipment manager can also view equipment status on the LIFENET System 5.0 using LIFENET Asset and alert you to any potential issues.

Code summaries can be sent directly to your quality improvement team for review with CODE-STAT Data Review Software.

Upgradable platform

The *15* platform is flexible enough to adapt to evolving protocols and new guidelines, and can be upgraded as you're ready to deliver new capabilities. With more processing power and speed, the *15* is designed to grow as your needs change, helping you avoid costly premature replacements.

Attention to detail

The LIFEPAK 15 monitor is designed based on field feedback to make it a more effective tool. The *15* has a larger handle for easier handoffs, an easy to clean keypad, and a common interface to the LIFEPAK 12 defibrillator/monitor that helps reduce training.

The standard in toughness.

We believe LIFEPAK equipment should live up to the highest expectations of those working in the harshest settings. The *15* is LIFEPAK TOUGH, with improved ruggedness and durability you can rely on.

Works when dropped, kicked, soaked or dirty

The LIFEPAK 15 monitor/defibrillator passes 30-inch drop tests, which is equal to falling off a cot or dropping it in transit. And with an IP44 rating, it doesn't matter how wet or dirty it gets, so you can keep working in steady wind, rain and other harsh environments.

Toughened inside and out

We heard from emergency response teams that they wanted a tougher device—so we added a shock-absorbing handle, a double-layer screen that can take a beating from doorknobs and cot handles, and redesigned cable connections for confident monitoring and therapy delivery.

Unmatched field service

The unit's self-checking feature alerts our service team if the device needs attention. Our on site maintenance and repair, access to original manufacturer parts, and highly trained, experienced service representatives give you the peace of mind that your LIFEPAK 15 monitor will be ready when you need it.*



Data connectivity


LIFEPAK TOUGH™


Dual-mode LCD screen with SunVue display

** A variety of customized service options are available.*

LIFEPAK® 15 MONITOR/DEFIBRILLATOR

The latest Lithium-ion battery technology and dual battery system allows for nearly six hour run time, automatic switching between external power and batteries, and an approximate two-year replacement cycle.

Easy one-touch Bluetooth® data transmission.

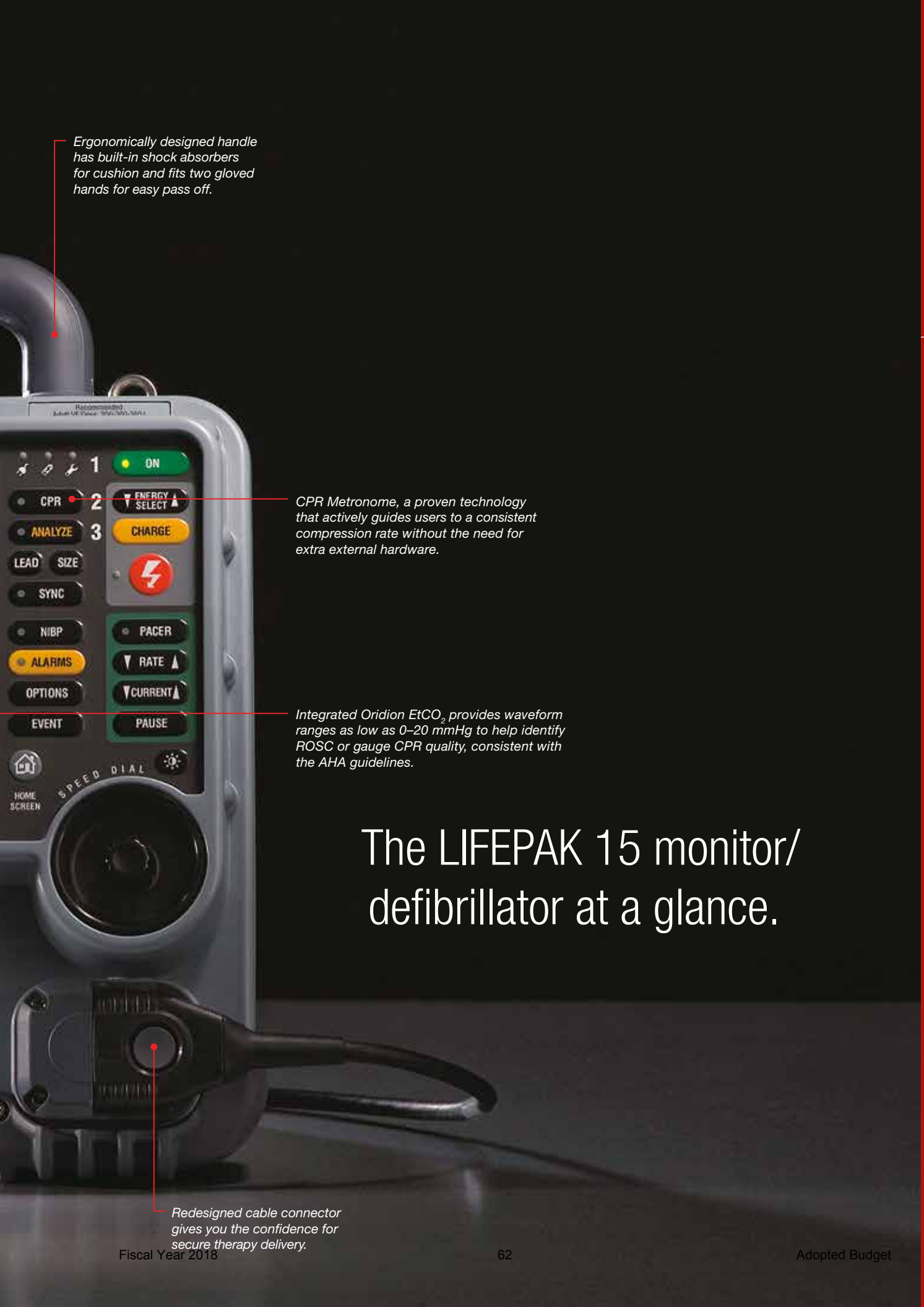
12-lead ECG transmissions via the LIFENET System and ST segment trend monitoring make the LIFEPAK 15 device a vital part of decreasing EMS-to-Balloon (E2B) response times.

Integrated Carbon Monoxide and Methemoglobin monitoring.



On-screen temperature display in either Celsius or Fahrenheit.

Large screen for better visibility and easy monitoring and one touch to switch from LCD color view to SunVue mode for best viewing in sunlight.



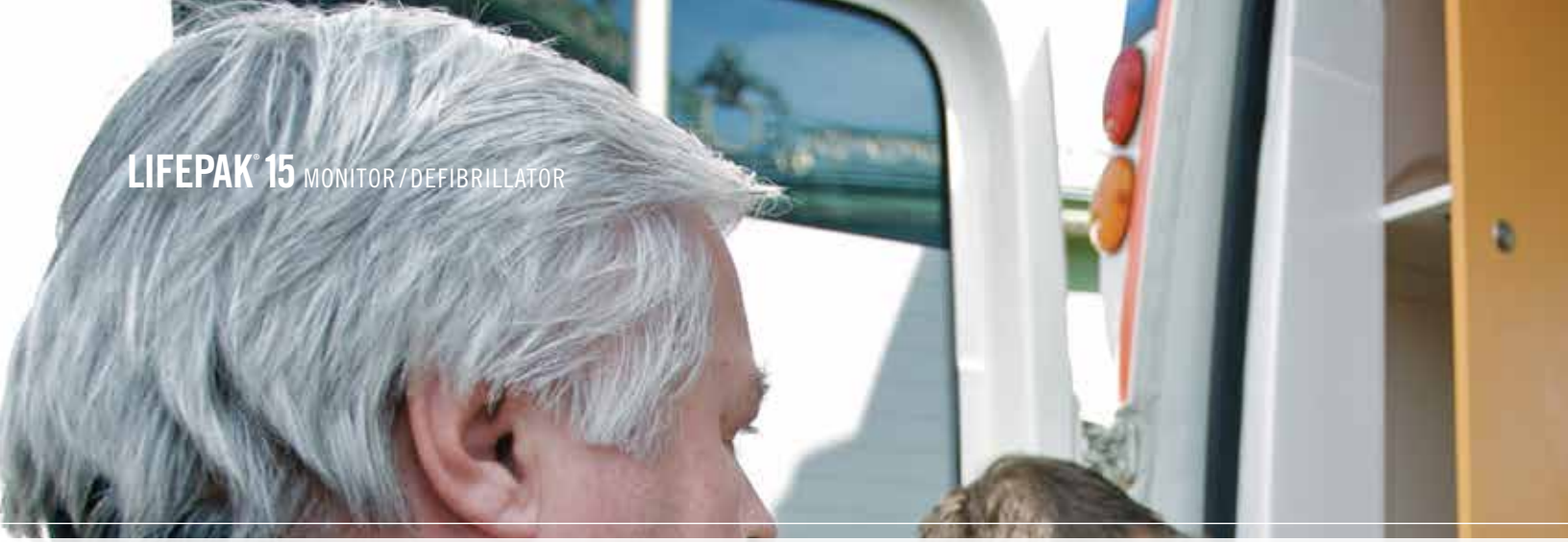
Ergonomically designed handle has built-in shock absorbers for cushion and fits two gloved hands for easy pass off.

CPR Metronome, a proven technology that actively guides users to a consistent compression rate without the need for extra external hardware.

Integrated Oridion $EtCO_2$ provides waveform ranges as low as 0–20 mmHg to help identify ROSC or gauge CPR quality, consistent with the AHA guidelines.

The LIFEPAK 15 monitor/ defibrillator at a glance.

Redesigned cable connector gives you the confidence for secure therapy delivery.



For six decades, Physio-Control has been developing technologies and designing devices that are legendary among first response professionals, clinical care providers, and the community.









A legacy of trust.

Since we were founded in 1955, Physio-Control has been giving medical professionals around the world legendary quality and constant innovation. Our LIFEPAK devices have been carried to the top of Mount Everest. They've been launched into orbit on the International Space Station. And you'll find more than half a million units in use today on fire rescue rigs, ambulances, and hospital crash carts worldwide.

We are inspired and informed by the rescuers who choose our products to save lives. The knowledge gained from working with some of the world's largest EMS organizations helps us constantly improve clinical standards and durability.

Today, we continue our legacy of innovation with leading technologies that improve patient care. Our 360J biphasic technology gives patients the best chance at survival. Our secure, web-based flow of ECG data helps improve STEMI patient outcomes. And our carbon monoxide monitoring helps catch the number one cause of poisoning deaths.

From the streets to the emergency room to the administrative office, we offer a powerful suite of solutions that range from code response to quality control analysis. And even as we bring ground-breaking products to the market, some things don't change. As always, when you choose our products, you don't just get a device. You also get the most comprehensive warranty in the business, industry-leading technical service, and a partner with six decades of experience in emergency care.

For more information about the LIFEPAK 15 monitor/defibrillator—and how it can help you do what you do best—please contact your local Physio-Control representative or visit ***www.physio-control.com****.*

Physio-Control Family of Products and Services

Defibrillators/Monitors



LIFEPAK CR® Plus Automated External Defibrillator (AED)

Featuring the same advanced technology trusted by emergency medical professionals—yet simple to use—the fully automatic LIFEPAK CR Plus AED is designed specifically for the first person to respond to a victim of sudden cardiac arrest (SCA).



LIFEPAK® 1000 Defibrillator

The LIFEPAK 1000 Defibrillator is a powerful and compact device designed to treat cardiac arrest patients and provide continuous cardiac monitoring capabilities. Built-in flexibility allows the *1000* to be programmed for use by first responders or professionals and enables care providers to change protocols as standards of care evolve.



LIFEPAK® 15 Monitor/Defibrillator

The LIFEPAK 15 monitor/defibrillator is the standard in emergency care for ALS teams who want the most clinically innovative, operationally effective and LIFEPAK TOUGH™ device available today. The *15* offers sophisticated clinical technologies with a rich array of features—like the most powerful escalating energy available (up to 360J), advanced monitoring parameters and a completely upgradable platform.



LIFEPAK® 20e Defibrillator/Monitor with CodeManagement Module™

Clinically advanced and packed with power, the LIFEPAK 20e defibrillator/monitor is highly intuitive for first responders, and also skillfully combines AED function with manual capability so that ACLS-trained clinicians can quickly and easily deliver advanced therapeutic care. The CodeManagement Module adds waveform capnography and wireless connectivity to enhance your hospital's ability to effectively manage resuscitations from preparedness through review.

CPR Assistance



LUCAS® 2 Chest Compression System

Designed to provide effective, consistent and uninterrupted compressions according to AHA Guidelines, LUCAS can be used on adult patients in out-of-hospital and hospital settings.



TrueCPR™ Coaching Device

TrueCPR helps your team optimize their manual CPR performance using simple real-time and post-event feedback on the most critical resuscitation parameters. It accurately measures compression depth through proprietary Triaxial Field Induction technology.

Data Solutions



LIFENET® System

The LIFENET System provides EMS and hospital care teams with reliable, quick access to clinical information through a secure, web-based platform, helping to improve patient care, flow and operational efficiency.

CODE-STAT™ Data Review Software

CODE-STAT data review software is a retrospective analysis tool that provides easy access to data, reports and post-event review.

HealthEMS®

HealthEMS is a remote-hosted field data collection, management and reporting software solution which is proven to help Fire and EMS providers improve patient care and financial performance. HealthEMS creates a two-way information flow which dramatically improves the accuracy and timeliness of information needed to support billing and clinical decision-making.

PulsePoint

PulsePoint Respond alerts CPR-trained bystanders about nearby sudden cardiac arrests in a public area. The app guides the responder to the public location of the incident using a map while also identifying nearby AEDs. Because the PulsePoint solution is integrated into the local dispatch center, alerts are only sent after 911 has been notified.

PulsePoint AED is an app designed to build a comprehensive registry of AEDs available for use during cardiac emergencies. AED submissions are verified by the local agency and then become available within the Respond app.

Support



Physio-Control Service

With a service plan from Physio-Control, you are free to focus on your mission while relying on us to help to ensure the integrity of your lifesaving tools. From emergency repairs to software updates to preventive maintenance, we respond to every service call with speed and expertise so you have the peace of mind to do your job with confidence.


LIFEPAK® 15 MONITOR/DEFIBRILLATOR
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GENERAL

The LIFEPAK 15 monitor/defibrillator has six main operating modes:

AED Mode: for automated ECG analysis and a prompted treatment protocol for patients in cardiac arrest.

Manual Mode: for performing manual defibrillation, synchronized cardioversion, noninvasive pacing, and ECG and vital sign monitoring.

Archive Mode: for accessing stored patient information.

Setup Mode: for changing default settings of the operating functions.

Service Mode: for authorized personnel to perform diagnostic tests and calibrations.

Demo Mode: for simulated waveforms and trend graphs for demonstration purposes.

PHYSICAL CHARACTERISTICS

Weight:

Basic monitor/defibrillator with new roll paper and two batteries installed: 7.9 kg (17.5 lb)

Fully featured monitor/defibrillator with new roll paper and two batteries installed: 8.4 kg (18.5 lb)

Lithium-ion battery: ≤0.6kg (1.3lb)

Accessory Bags and Shoulder Strap: 1.77 kg (3.9 lb)

Standard (hard) Paddles: 0.95 kg (2.1 lb)

Height: 31.7 cm (12.5 in)

Width: 40.1 cm (15.8 in)

Depth: 23.1 cm (9.1 in)

DISPLAY

Size (active viewing area): 212 mm (8.4 in) diagonal; 171 mm (6.7 in) wide x 128 mm (5.0 in) high

Resolution: display type 640 dot x 480 dot color backlit LCD

User Selectable Display Mode: full color or SunVue™ display high contrast

Display: a minimum of 5 seconds of ECG and alphanumerics for values, device instructions, or prompts

Display: up to three waveforms

Waveform Display Sweep Speed: 25 mm/sec for ECG, SpO_2, IP, and 12.5 mm/sec for CO_2

DATA MANAGEMENT

The device captures and stores patient data, events (including waveforms and annotations), and continuous waveform and patient impedance records in internal memory.

The user can select and print reports, and transfer the stored information via supported communication methods.

Report Types:

- Three format types of CODE SUMMARY™ critical event record: short, medium, and long
- 12-lead ECG with STEMI statements
- Continuous Waveform (transfer only)
- Trend Summary
- Vital Sign Summary
- Snapshot

Memory Capacity: Total capacity is 360 minutes of continuous ECG, 90 minutes of continuous data from all channels, or 400 single waveform events.

Maximum memory capacity for a single patient includes up to 200 single waveform reports and 90 minutes of continuous ECG.

COMMUNICATIONS

The device is capable of transferring data records by wired or wireless connection. This device complies with Part 15 of the FCC rules, and its operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Serial Port RS232 communication + 12V available

Limited to devices drawing maximum 0.5 A current

Bluetooth® technology provides short-range wireless communication with other Bluetooth-enabled devices

MONITOR

ECG

ECG is monitored via several cable arrangements:

A 3-wire cable is used for 3-lead ECG monitoring.

A 5-wire cable is used for 7-lead ECG monitoring.

A 10-wire cable is used for 12-lead ECG acquisition. When the chest electrodes are removed, the 10-wire cable functions as a 4-wire cable.

Standard paddles or QUIK-COMBO pacing/defibrillation/ECG electrodes are used for paddles lead monitoring.

Frequency Response:

Monitor: 0.5 to 40 Hz or 1 to 30 Hz

Paddles: 2.5 to 30 Hz

12-lead ECG diagnostic: 0.05 to 150 Hz

Lead Selection:

Leads I, II, III, (3-wire ECG cable)

Leads I, II, III, AVR, AVL, and AVF acquired simultaneously (4-wire ECG cable)

Leads I, II, III, AVR, AVL, AVF, and C lead acquired simultaneously (5-wire ECG cable)

Leads I, II, III, AVR, AVL, AVF, V1,V2,V3,V4,V5, and V6 acquired simultaneously (10-wire ECG cable)

ECG size: 4, 3, 2.5, 2, 1.5, 1, 0.5, 0.25 cm/mV (fixed at 1 cm/mV for 12-lead)

Heart Rate Display:

20–300 bpm digital display

Accuracy: ±4% or ±3 bpm, whichever is greater

QRS Detection Range Duration: 40 to 120 msec

Amplitude: 0.5 to 5.0 m

Common Mode Rejection (CMRR): ECG Leads: 90 dB at 50/60 Hz

SpO_2/SpCO/SpMet

Sensors:

MASIMO® sensors including RAINBOW® sensors

NELLCOR® sensors when used with the MASIMO RED™ MNC adapter

SpO_2

Displayed Saturation Range: "<50" for levels below 50%; 50 to 100%

Saturation Accuracy: 70–100% (0–69% unspecified)

Adults/Pediatrics:
±2 digits (during no motion conditions)
±3 digits (during motion conditions)

Dynamic signal strength bar graph

Pulse tone as SpO_2 pulsations are detected

SpO_2 Update Averaging Rate User selectable: 4, 8, 12 or 16 seconds

SpO_2 Sensitivity User selectable: Normal, High

SpO_2 Measurement: Functional SpO_2 values are displayed and stored

Pulse Rate Range: 25 to 240 bpm

Pulse Rate Accuracy (Adults/Pediatrics):
±3 digits (during no motion conditions)
±5 digits (during motion conditions)

Optional SpO_2 waveform display with autogain control

SpCO®

SpCO Concentration Display Range: 0 to 40%

SpCO Accuracy: ±3 digits

SpMET®

SpMet Saturation Range: 0 to 15.0%

SpMet Display Resolution: 0.1% up to 10%

SpMet Accuracy: ±1 digit

NIBP

Blood Pressure Systolic Pressure Range: 30 to 255 mmHg

Diastolic Pressure Range: 15 to 220 mmHg

Mean Arterial Pressure Range: 20 to 235 mmHg

Units: mmHg

Blood Pressure Accuracy: ±5 mmHg

Blood Pressure Measurement Time: 20 seconds, typical (excluding cuff inflation time)

Pulse Rate Range: 30 to 240 pulses per minute

Pulse Rate Accuracy: ±2 pulses per minute or ±2%, whichever is greater

Operation Features Initial Cuff Pressure: User selectable, 80 to 180 mmHg

Automatic Measurement Time Interval: User selectable, from 2 min to 60 min

Automatic Cuff Deflation Excessive Pressure: If cuff pressure exceeds 290 mmHg

Excessive Time: If measurement time exceeds 120 seconds

CO_2

CO_2 Range: 0 to 99 mmHg (0 to 13.2 kPa)

Units: mmHg, %, or kPa

Respiration Rate Accuracy:
0 to 70 bpm: ±1 bpm
71 to 99 bpm: ±2 bpm

Respiration Rate Range: 0 to 99 breaths/minute

Rise Time: 190 msec

Response Time: 3.3 seconds (includes delay time and rise time)

Initialization Time: 30 seconds (typical), 10-180 seconds

Ambient Pressure: automatically compensated internally

Optional Display: CO_2 pressure waveform

Scale factors: Autoscale, 0–20 mmHg (0–4 Vol%), 0–50 mmHg (0–7 Vol%), 0–100 mmHg (0–14 Vol%)

Invasive Pressure

Transducer Type: Strain-gauge resistive bridge

Transducer Sensitivity: 5µV/V/mmHg

Excitation Voltage: 5 Vdc

Connector: Electro Shield: CXS 3102A 14S-6S

Bandwidth: Digital filtered, DC to 30 Hz (< -3db)

Zero Drift: 1 mmHg/hr without transducer drift

Zero Adjustment: ±150 mmHg including transducer offset

Numeric Accuracy: ±1 mmHg or 2% of reading, whichever is greater, plus transducer error

Pressure Range: -30 to 300 mmHg, in six user selectable ranges

Invasive Pressure Display

Display: IP waveform and numerics

Units: mmHg

Labels: P1 or P2, ART, PA, CVP, ICP, LAP (user selectable)

Temperature

Range: 24.8° to 45.2°C (76.6° to 113.4°F)

Resolution: 0.1°C

Accuracy: ±0.2°C including sensor

Reusable Temperature Cable: 5 foot or 10 foot

Disposable Sensor Types: Surface–Skin; Esophageal/Rectal

Trend

Time Scale: Auto, 30 minutes, 1, 2, 4, or 8 hours

Duration: Up to 8 hours

ST Segment: After initial 12-lead ECG analysis, automatically selects and trends ECG lead with the greatest ST displacement

Display Choice of: HR, PR (SpO_2), PR (NIBP), SpO_2 (%), SpCO (%), SpMet (%), CO_2 ($EtCO_2$/$FiCO_2$), RR (CO_2), NIBP, IP1, IP2, ST

ALARMS

Quick Set: Activates alarms for all active vital signs

VF/VT Alarm: Activates continuous (CPSS) monitoring in Manual mode

Apnea Alarm: Occurs when 30 seconds has elapsed since last detected respiration

Heart Rate Alarm Limit Range: Upper, 100–250 bpm; lower, 30–150 bpm

INTERPRETIVE ALGORITHM

12-Lead Interpretive Algorithm: University of Glasgow 12-Lead ECG Analysis Program, includes AMI and STEMI statements

PRINTER

Prints continuous strip of the displayed patient information and reports

Paper Size: 100 mm (3.9 in)

Print Speed: 25 mm/sec or 12.5 mm/sec

Optional: 50 mm/sec time base for 12-lead ECG reports

Delay: 8 seconds

Autoprint: Waveform events print automatically

Frequency Response:

Diagnostic: 0.05 to 150 Hz or 0.05 to 40 Hz

Monitor: 0.67 to 40 Hz or 1 to 30 Hz

DEFIBRILLATOR

Biphasic Waveform: Biphasic Truncated Exponential

The following specifications apply from 25 to 200 ohms, unless otherwise specified:

Energy Accuracy: ±1 joule or 10% of setting, whichever is greater, into 50 ohms, ±2 joules or 15% of setting, whichever is greater, into 25-175 ohms.

Voltage Compensation: Active when disposable therapy electrodes are attached. Energy output within ±5% or ±1 joule, whichever is greater, of 50 ohms value, limited to the available energy which results in the delivery of 360 joules into 50 ohms.

Paddle Options: QUIK-COMBO® pacing/defibrillation/ECG electrodes (standard). Cable Length 8 foot long (2.4 m) QUIK-COMBO cable (not including electrode assembly).

Standard paddles (optional)

Manual Mode

Energy Select: 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 70, 100, 125, 150, 175, 200, 225, 250, 275, 300, 325, and 360 joules

Charge Time: Charge time to 360 joules in less than 10 seconds, typical

Synchronous Cardioversion: Energy transfer begins within 60 msec of the QRS peak

Paddles Leads OFF Sensing: When using QUIK-COMBO electrodes, the device indicates Paddles Leads OFF if the resistive part of the patient impedance is greater than 300 ±15% ohms, or if the magnitude of the patient impedance is greater than 440 ±15% ohms.

AED Mode

Shock Advisory System™ (SAS): an ECG analysis system that advises the operator if the algorithm detects a shockable or non-shockable ECG rhythm. SAS acquires ECG via therapy electrodes only.

Shock Ready Time: Using a fully charged battery at normal room temperature, the device is ready to shock within 20 seconds if the initial rhythm finding is "SHOCK ADVISED"

Biphasic Output: Energy Shock levels ranging from 150–360 joules with same or greater energy level for each successive shock

cprMAX™ Technology: In AED mode, cprMAX™ technology provides a method of maximizing the CPR time that a patient receives, with the overall goal of improving the rate of survival of patients treated with AEDs.

Setup Options:

- Auto Analyze: Allows for auto analysis. Options are OFF, AFTER 1ST SHOCK
- Initial CPR: Allows the user to be prompted for CPR for a period of time prior to other activity. Options are OFF, ANALYZE FIRST, CPR FIRST
- Initial CPR Time: Time interval for Initial CPR. Options are 15, 30, 45, 60, 90, 120, and 180 seconds.
- Pre-Shock CPR: Allows the user to be prompted for CPR while the device is charging. Options are OFF, 15, 30 seconds.
- Pulse Check: Allows the user to be prompted for a pulse check at various times. Options are ALWAYS, AFTER EVERY SECOND NSA, AFTER EVERY NSA, NEVER
- Stacked Shocks: Allows for CPR after 3 consecutive shocks or after a single shock. Options are OFF, ON
- CPR Time: 1 or 2 User selectable times for CPR. Options are 15, 30, 45, 60, 90, 120, 180 seconds and 30 minutes.

PACER

Pacing Mode: Demand or non-demand rate and current defaults

Pacing Rate: 40 to 170 PPM

Rate Accuracy: ±1.5% over entire range

Output Waveform: Monophasic, truncated exponential current pulse (20 ± 1 ms)

Output Current: 0 to 200 mA

Pause: Pacing pulse frequency reduced by a factor of 4 when activated

Refractory Period: 180 to 280 msec (function of rate)

ENVIRONMENTAL

Unit meets functional requirements during exposure to the following environments unless otherwise stated.

Operating Temperature: 0° to 45°C (32° to 113°F); -20°C (-4°F) for 1 hour after storage at room temperature; 60°C (140°F) for 1 hour after storage at room temperature

Storage Temperature: -20° to 65°C (-4° to 149°F) except therapy electrodes and batteries

Relative Humidity, Operating: 5 to 95%, non-condensing. NIBP: 15 to 95%, non-condensing

Relative Humidity, Storage: 10 to 95%, non-condensing

Atmospheric Pressure, Operating: -382 to 4,572 m (-1,253 to 15,000 ft). NIBP: -152 to 3,048 m (-500 to 10,000 ft)

Water Resistance, Operating: IP44 (dust and splash resistance) per IEC 529 and EN 1789 (without accessories except for 12-lead ECG cable, hard paddles, and battery pack)

Vibration: MIL-STD-810E Method 514.4, Propeller Aircraft - category 4 (figure 514.4-7 spectrum a), Helicopter - category 6 (3.75 Grms), Ground Mobile - category 8 (3.14 Grms), EN 1789: Sinusoidal Sweep, 1 octave/min, 10-150 Hz, ±0.15 mm/2 g

Shock (drop): 5 drops on each side from 18 inches onto a steel surface EN 1789: 30-inch drop onto each of 6 surfaces

Shock (functional): Meets IEC 60068-2-27 and MIL-STD-810E shock requirements 3 shocks per face at 40 g, 6 ms half-sine pulses

Bump: 1000 bumps at 15 g with pulse duration of 6 msec

Impact, Non-operating: EN 60601-1 0.5 + 0.05 joule impact UL 60601-1 6.78 Nm impact with 2-inch diameter steel ball. Meets IEC62262 protection level IK 04.

EMC: EN 60601-1-2:2006 Medical Equipment -General Requirements for Safety - Collateral Standard: Electromagnetic Compatibility - Requirements and Tests EN 60601-2-4:2003: (Clause 36) Particular Requirements for the Safety of Cardiac Defibrillators and Cardiac Defibrillator-Monitors

Cleaning: Cleaning 20 times with the following: Quaternary ammonium, isopropyl alcohol, hydrogen peroxide

Chemical Resistance: 60 hour exposure to specified chemicals: Betadine (10% Povidone-Iodine solution), Coffee, Cola, Dextrose (5% Glucose solution), Electrode Gel/Paste (98% water, 2% Carbopol 940), HCL (0.5% solution, pH=1), Isopropyl Alcohol, NaCl solution (0.9% solution), Cosmetic discoloration of the paddle well shorting bar shall be allowed following exposure to HCL (0.5% solution).

POWER

Power Adapters: AC or DC

Power Adapters provide operation and battery charging from external AC or DC power

- Full functionality with or without batteries when connected to external AC/DC
- Typical battery charge time while installed in LIFEPAK 15 device is 190 minutes
- Indicators: external power indicator, battery charging indicator

Dual battery: Capability with automatic switching

Low battery indication and message: Low battery fuel gauge indication and low battery message in status area for each battery

Replace battery indication and message: Replace battery fuel gauge indication, audio tones and replace battery message in the status area for each battery. When replace battery is indicated, device auto-switches to second battery. When both batteries reach replace battery condition, a voice prompt instructs user to replace battery.

Battery Capacity For two, new fully-charged batteries, 20°C (68°F)

Operating Mode		Monitoring (minutes)	Pacing (minutes)	Defibrillation (360J discharges)
Total Capacity to Shutdown	Typical	360	340	420
	Minimum	340	320	400
Capacity After Low Battery	Typical	21	20	30
	Minimum	12	10	6

BATTERY

Battery Specifications

Battery Type: Lithium-ion

Weight: ≤0.6kg (1.3lb)

Charge Time (with fully depleted battery): 4 hours and 15 minutes (typical)

Battery indicators: Each battery has a fuel gauge that indicates its approximate charge. A fuel gauge that shows two or fewer LEDs after a charge cycle indicates that the battery should be replaced.

Charging Temperature Range: 5° to 45°C (41° to 113°F)

Operating Temperature Range: 0° to 45°C (32° to 113°F)

Short Term (<1 week) Storage Temperature Range: -20° to 60°C (-4° to 140°F)

Long Term (>1 week) Storage Temperature Range: 20° to 25°C (68° to 77°F)

Operating and Storage Humidity Range: 5 to 95% relative humidity, non-condensing

REFERENCES

1 Stiell I, Walker R, Nesbitt L, et al. Biphasic Trial: A randomized comparison of fixed lower versus escalating higher energy levels for defibrillation in out-of-hospital cardiac arrest. *Circulation.* 2007;115:1511-1517.

2 Edelson D, Litzinger B, Arora V, et al. Improving in-hospital cardiac arrest process and outcomes with performance debriefing. *Arch Intern Med.* 2008;168:1063-1069.

3 Olasveengen T, Wik L, Kramer-Johansen J, et al. Is CPR quality improving? A retrospective study of out-of-hospital cardiac arrest. *Resuscitation.* 2007;75:260-266.

4 Fletcher D, Galloway R, Chamberlain D, et al. Basics in advanced life support: A role for download audit and metronome. *Resuscitation.* 2008;78:127-134.

All claims valid as of December 2014.

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CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2201

CIP #: CP-FD-17-BA Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replace 27 Self-Contained Breathing Apparatus (SCBA) 45 Masks and 72 air cylinders FY Start 2019 Quarter Q4

Project Location: Fire Department FY End 2019 Quarter Q1

Project Description

Replaced 27 SCBA Units, 45 masks and 72 air cylinders

Project Justification

The current SCBA units were purchased in 2009 under the 2007 NFPA standard for SCBA. NFPA Standards are revised every three years. In 2019 the current SCBA units will be 10 years old and there will have been four NFPA standard revisions that usually deal with safety and technology improvements. The maintenance costs increase substantially with age with SCBA. The technology improvements since 2009 have already allowed costs to come down with the Heads Up Display by over 50%.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$236,816	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$236,816	Reserves
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$236,816	

Financing Comments

Possible Grant Funding

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2201

CIP #: CP-FD-17-EP Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replace E30 a 2006 Pierce Enforcer pumper FY Start 2021 Quarter Q4

Project Location: Fire Department FY End 2021 Quarter Q1

Project Description

Replace E30 2006 Pierce Enforcer Pumper Vin# 4P1CEO1A96A005715

Project Justification

The pumper is 11 years old and has high operating hours from serving as a front line unit for 10 years and is now a reserve unit. In FY21 this unit will be 15 years old and should be considerd for replacement. It will take approximately 12 months to have the replacement pumper built from the order date.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$526,179	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$2,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$3,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$526,179	Reserves
2022	$0	$0 this FY
Total Capital Costs	$526,179	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 2201

CIP #: CP-FD-17-PE Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replace E31 a 2002 Pierce Enforcer Pumper FY Start 2019 Quarter Q4

Project Location: Fire Department FY End 2019 Quarter Q1

Project Description

Replace E31 2002 Pierce Enforcer Pumper Vin# 4P1CT02A62A002365

Project Justification

The pumper is 15 years old and has high operating hours from serving as a front line unit for 13 years and is now a reserve unit. In FY18 this unit will be 16 years old and should be considerd for replacement. It will take approximately 12 months to have the replacement pumper built from the order date.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$497,277	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$2,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$3,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$497,277	Reserves
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$497,277	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3200

CIP #: CP-CS-17-ES Project #: Account #: 68-10 CIP Classification: Software District: City

Project Name: Electronic Plan Review - Software FY Start 2020 Quarter Q4

Project Location: City Hall FY End 2020 Quarter Q1

Project Description

Installation of electronic plan review software $42,700 and Base Plan Check and Review Business Process $10,000. Annual operating cost for access first year (3% yearly increase) $36,543.24, Building Permit EPR Interface $1,154.28, ASP Hosting Services $15,024.00. 2nd year total operating $54,673.97. 3rd year $56,314.19. 4th year 58,003.62. 5th year $59,743.72.

Project Justification

Allows for the electronic transmission and review of site plans and building plans for the Community Services Department. This is currently being evaluated with ERP study underway.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$52,720	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$53,082
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$53,082

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$52,720	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$52,720	

Financing Comments

General Fund

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-PW-18-SM Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Annual Sidewalk Maintenance/Replacement Program FY Start 2018 Quarter Q4

Project Location: City Wide FY End 2022 Quarter Q1

Project Description

Annual maintenance and repair of sub-standard, deteriorated and broken sidewalks. This funding will allow for the installation of approximately 25000square feet (1 mile - 5 feet wide) of replacement and new sidewalks on a 50% - 50% split

Project Justification

Sidewalks routinely become non-functional through aging, settling,cracking,tree root damage and vehicle damage. By repairing and replacing sidewalks it reduces the liability to the city

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$250,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$50,000	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$50,000	Revenue
2019	$50,000	Other Source
2020	$50,000	Other Source
2021	$50,000	Other Source
2022	$50,000	Other Source
Total Capital Costs	$250,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-PW-11-PP Project #: PW08SP Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Annual Street Paving Program FY Start 2018 Quarter Q4

Project Location: City Wide FY End 2022 Quarter Q1

Project Description

Annual milling and paving of city streets, boulevards and parking lots

Project Justification

The City has opproximently 79.1 center line miles of roads and various municipal parking lots. An average of 3 to 4 miles per year will allow the City to maintain roadway surfaces, excluding parking lots, at a minimum level. When streets are repaved, all sidewalks must be equipped with ADA compliant ramps. This will add approximately 10% to paving costs

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$1,500,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$300,000	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$300,000	Revenue
2019	$300,000	Revenue
2020	$300,000	Revenue
2021	$300,000	Revenue
2022	$300,000	Revenue
Total Capital Costs	$1,500,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-PW-15-BM Project #: Account #: 63-00 CIP Classification: Infrastructure District: D2

Project Name: Broadview Manor Street Lighting FY Start 2018 Quarter Q4

Project Location: Broadview Manor FY End 2018 Quarter Q1

Project Description

Replace decorative street lighting in Broadview Manor. 28 lights and 60 Quazite Boxes

Project Justification

The decorative street lighting at Broadview Manor has been in place 30+ years. Many of the bases are corroded and parts are becoming unavailable. Old light bases have been found to be insufficient, so new concrete bases, pull boxes and replacement of missing poles will be needed.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$120,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$120,000	Other Source
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$120,000	

Financing Comments

Funding by Special Assessment.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-PW-17-FS Project #: PW17SI Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Fiske Blvd Complete Streets Roadway, and Sidewalk Improvements Phase 3 (General Fund) FY Start 2018 Quarter Q4

Project Location: Fiske Blvd FY End 2018 Quarter Q1

Project Description

Construct drainage and sidewalks, replace water main, reconstruct roadway and provide landscaping from Highland Ave to Peachtree Street

Project Justification

Fiske Blvd from Highland Ave to Peachtree St has poor surface drainage, sub-standard sidewalks and the roadway is in poor condition. These improvements will improve drainage and create a safer environment for citizens

Strategic Connection: Operational

Sidewalks, enhanced lighting and improved drainage provides a safe environment

Total Cost of Project	Total Cost to Date
$1,750,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$1,750,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$1,750,000	Combination
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$1,750,000	

Financing Comments

Possible funding through the SCTPO and FDOT
1,750,000 funded by General funds
140,000 funded by Stormwater

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-PW-17-PS Project #: Account #: 63-00 CIP Classification: Infrastructure District: D2

Project Name: Pineda Street Roadway and Sidwalk Reconstruction FY Start 2019 Quarter Q4

Project Location: Pineda Street from Peachtree St to Dixon Blvd FY End 2019 Quarter Q1

Project Description

Full depth reclaimation of Pineda Street including mixing of existing pavement and base, injecting the material with emulsifier, compacting and grading and adding an asphalt overlay and striping. Also repairing esisting sidewalk and constructing ADA compliant handicap ramps where needed

Project Justification

Pineda Street is a heavly traveled street used by all types of vehicle traffic including school busses. The roadway has deteriorated to the point that the base is failing. The sidewalks are in poor condition and many of the existing handi-cap ramps do not comply with ADA standards

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$675,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$675,000	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$675,000	

Financing Comments

Possible split with County & School Board
Safe routes to school Grant Funding.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-PW-18-SI Project #: Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: SR 520 Interim Safety Improvements FY Start 2018 Quarter Q4

Project Location: SR 520 from US 1 to the Indian River Bridges FY End 2018 Quarter Q1

Project Description

Traffic Calming for SR 520 Corridor through Cocoa Village

Project Justification

Traffic Calming for SR 520 through Cocoa Village

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$100,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$100,000	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$100,000	Reserves
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$100,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-PW-18-SB Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Steel bench replacement program FY Start 2018 Quarter Q4

Project Location: City Wide FY End 2020 Quarter Q1

Project Description

Over the next 3 fiscal years the city is in need of replacing the collection of benches in the City. Appox. 120 8 foot Benches through-out the Downtown and Citywide

Project Justification

the current benches and old and weathered

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$192,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$48,000	Revenue
2020	$48,000	Revenue
2021	$48,000	Revenue
2022	$48,000	Revenue
Total Capital Costs	$192,000	

Financing Comments

Appox 40 benches per year

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3510

CIP #: CP-CD-11-SS Project #: CD1205 Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Stone Street Corridor Streetscaping (General Funds portion) FY Start 2018 Quarter Q1

Project Location: Fiske Boulevard to the western side of the F.E.C. Railroad. FY End 2019 Quarter Q2

Project Description

Streetscaping of Stone Street Commercial Corridor. Design and Engineering in FY 2017 and construction could begin in Q4 of FY 2017.

Project Justification

The Diamond Square CRA intends to redevelop this culturally significant commercial corridor.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$641,104	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$580,552	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$580,552	Combination
2019	$60,552	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$641,104	

Financing Comments

A combination of TIF and other funding sources will be used for this project.
This project is split between the General Fund, Utility Fund and Stormwater Fund.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3540

CIP #: CP-PW-18-FB | Project #: 3540-001 | Account #: 68-10 | CIP Classification: Software | District: City

Project Name: FLEET FASTER ASSET UPGRADE TO FASTER WEB | FY Start 2018 Quarter Q4

Project Location: Cocoa Fleet | FY End 2018 Quarter Q1

Project Description

This is a full software upgrade a full database migration from FASTER WIN to FASTER WEB. This is Faster Asset Solutions upgrade to it latest FLEET MANAGEMENT SOFTWARE SOLUTION. This is Cocoa Fleet next tool for a ever growing Fleet. The system uses our current database and all the data that has been collected over the past 14 years.

Project Justification

Cocoa Fleet has been using Faster Asset Solutions since 2004 this was Fasters client based windows solution the system is 14 years old. The new software architecture is WEB giving greater functionality, greater software integration with a host of other enterprise software solutions with KPI functionality. This is the next tool Cocoa Fleet Management software needs FASTER Web, is the most powerful and technologically advanced fleet management system on the market. While other vendors offer web-enabled solutions that were developed with early stage web technologies, FASTER Web was developed based on current platforms from the ground up for a true web experience that offers better load times, better search capability and a true user experience that does not rely on endless scrolling or screen jumping.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$20,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$13,500
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$13,500

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$20,000	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$20,000	

Financing Comments

This would be a 50/50 split between general and enterprise funds. Fleet service vehicle and equipment in all three funds

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3540

CIP #: CP-PW-18-FW | Project #: 3540-001 | Account #: 52-00 | CIP Classification: Operating | District: City

Project Name: FLEET FASTER ASSET UPGRADE TO FASTER WEB | FY Start 2018 Quarter Q4

Project Location: Cocoa Fleet | FY End 2018 Quarter Q1

Project Description

This is a full software upgrade a full database migration from FASTER WIN to FASTER WEB. This is Faster Asset Solutions upgrade to it latest FLEET MANAGEMENT SOFTWARE SOLUTION. This is Cocoa Fleet next tool for a ever growing Fleet. The system uses our current database and all the data that has been collected over the past 14 years.

Project Justification

Cocoa Fleet has been using Faster Asset Solutions since 2004 this was Fasters client based windows solution the system is 14 years old. The new software architecture is WEB giving greater functionality, greater software integration with a host of other enterprise software solutions with KPI functionality. This is the next tool Cocoa Fleet Management software needs FASTER Web, is the most powerful and technologically advanced fleet management system on the market. While other vendors offer web-enabled solutions that were developed with early stage web technologies, FASTER Web was developed based on current platforms from the ground up for a true web experience that offers better load times, better search capability and a true user experience that does not rely on endless scrolling or screen jumping.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$26,725	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$13,500
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$13,500

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$26,725	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$26,725	

Financing Comments

This would be a 50/50 split between general and enterprise funds. Fleet service vehicle and equipment in all three funds

CIE_Designation ☐

Statement of Work (SOW), Pricing, & Payment Terms

***FASTER* Asset Solutions**

100% Employee-Owned

Created For:
City of Cocoa
Date:
March 27, 2017
Senior Software Consultant:
Steve Specht

Pricing in this proposal is valid for 60 days.

Qty	Description	Cost
FMIS Core COTS System		
400	001 – Software Cost: Standard Active Assets: This price includes up to quantity listed standard active assets (which are defined as originally valued at $5000 or greater and active). Each additional asset will be $100.00. This includes one instance of the FASTER Web Application with one database.	$40,000
1	050 – Unlimited Named Accounts: Unlimited user access (named accounts) included.	Included
Add-ons		
1	207nc – Dashboard Add-on: (See Offsetting Discount Below) Provides 20 standard metrics that monitor fleet industry performance measures. The dashboards have powerful configuration capability to enable effective display of data. They are also drillable in that you can click and drill into the data presented by the dashboard. And the Dashboards are role-based so that you can empower users based on their roles.	$10,000
1	208 – Barcoding Software: Barcoding Software for One Storeroom (allows for Label Scanning and Printing). Hardware is not included.	$6,000

1	301 - Single Vendor Fuel Import (New Vendor or New File) - Existing Customer: This is a single vendor fuel import for an existing customer who has been live on a FASTER product for more than 6 months. This pricing is for either: 1. To import a new fuel vendor fuel transaction file. 2. Or, to import a new fuel file from your existing vendor. The Fuel Import (FI) is a COTS add-on. It is a robust yet inexpensive way to import data from a Fuel System Vendor (FSV). It requires significant configuration and testing by FASTER. Below are important items the customer will need to provide for FASTER to configure, test and deploy: 1. FSV Fuel File Layout Definition – This is the layout for the export file you plan on receiving regularly from your FSV. It defines your fuel export file's columns, positions and/or delimiters (if used). 2. Fuel System Export Files - Live production export files from the fuel system, including the complete disbursement transaction data. A minimum of 100 transactions will be needed for proper testing. The export files generated from your fuel system must be flat files, not reports, and not generated in Microsoft Excel. It is important you ensure your FSV does not change this export file as any changes may require additional configuration and testing. 3. Completed FI-Customer Configuration Form -This is a detailed form that assists you in providing all the information required for the FI to be configured and tested properly. (This FI does not import Site & Dispenser information. You can add the importing of Site & Dispenser data to the SFI for an additional ($2,500) cost.)	$3,500
Go-Live Custom Work		
1	333e – Custom Integration: Export: Naviline Export This is an estimate for a one-way export. The actual cost of export can be determined once specifications are identified.	$8,000
Data Services		
1	408 - Migration Data Conversion: The Migration Data Conversion Product is used for migrating data from COTS FASTER Win-5.69 BR2 or higher to FASTER Web. It does not include migrating data that relates or is the result of a use of FASTER Win Add-On unless specifically noted. For example, item 2 of the appendix identifies that if you have the graphics add-on, then all your graphics will be brought over with the migration. A Migration Data Conversion does not migrate data that is uniquely associated with the customization you have. This will need to be addressed separately and potentially as an additional custom migration. The attached appendix "Migration Data Conversion Product" is an outline of the categories of data that will be migrated during the Migration Data Conversion.	$15,000
1	405 – Data Cleanup: If the data in the current system is in need of correction prior to the extraction, the customer will be responsible for data correction that takes place in the legacy system. (However, as part of the implementation process, FASTER Fleet Consultants will provide advice and guidance related to data correction.) For customers who maintain reliable data, there should be no need for data correction. However, if past practices or flawed conversions permitted incorrect data to be entered in the current system, it is advisable that the customer correct this prior to the extraction process beginning.	n/a
Configuration & Training		
1	Migration Implementation and Project Management Services	$9,000

1	511 – System Overview Meetings (SOM): System overview meetings take place via live, remote web-based sessions. They consist of two, 4-hour meetings that will occur on the same day or two consecutive days where the customer will ensure key users are able to participate.	$6,600
1	512 – System Training/Go-Live: This training includes the below training agenda. Because training is hands-on, the maximum class size is 20 attendees and includes a single training location. Additional training sessions and trainers can be added at an additional cost any time up to 4-weeks prior to your go-live.	See below
1	512a – Go-Live Week System Training - Asset Module (4 Hrs): Should include FASTER System Admin and Asset Managers.	$2,200
1	512b – Go-Live Week System Training - Maintenance Module (4 Hrs): Should include FASTER System Admin, Maintenance Supervisor, Service Writers and/or Technician who will create work orders.	$2,200
1	512c – Go-Live Week System Training - Parts Module (4 Hrs): Should include FASTER System Admin, Parts Staff and Parts Managers.	$2,200
1	512d – Go-Live Week System Training - Fuel Module (1 Hr): Should include FASTER System Admin and Fuel Clerk.	$550
1	512e – Go-Live Week System Training - Vendors & Accounting Modules (1.5 Hrs): Should include FASTER System Admin, Accounting Staff and Parts Managers.	$825
2	512f – Go-Live Week System Training - Technician Workstation (2.5 Hrs): Should include FASTER System Admin and Technicians.	$1,375

1	512g – Go-Live Week System Training - Additional Trainers (TBD): The above training costs provide for one trainer the week of go live. One trainer can provide one session of each of the above hands-on, user training sessions with the exception of the Technician Workstation. (Two Technician Workstation sessions can be accommodated by a single trainer.) If you determine your training needs require additional training sessions due to shift work or other needs, an additional FASTER trainer can participate during the week of go live for an added cost. Therefore, it will be important for you to determine the total number of training sessions and trainers you will need in order to then calculate your total training cost. Each of the above training sessions are role-based. So it should be easy to determine how many staff you have for each role. Typically the largest training sessions are the Technician Workstation and Maintenance Module. Please remember that you may want your Technicians to attend more than the Technician Workstation training module. To calculate your additional training costs: -- The cost (including room, board and travel) of the 1st trainer is included in the above costs. -- Travel, room and board will be a flat cost of $1,000 for each additional trainer. -- To calculate session costs, multiply the number of additional training sessions you need of each of the above session options by the cost of the training module as listed above (module session cost times how many instances of that module session you require). -- The above flat fee for travel, room and board of each additional trainer as well as the fees for the above training assume that training sessions will be held consecutively so as to minimize the number of days a trainer would need to be at your location. It also assumes there is no weekend stayover. If training will begin one week and extend into the next week, an additional $1,000 per trainer would apply for travel, room and board ($1,000 flat fee per trainer times the number of business weeks spanned).	TBD
Discounts		
1	900 – Existing WIN Customer Discount Discount for Existing FASTER WIN Customers	-$4,000
1	905ec – Existing FASTER WIN Customer Dashboard Discount	-$10,000
	Software & Services Total	**$93,450**

Upgrades & Support		
1	801 – Upgrades & Support: Annual support after switch date. Annual support services are comprised of Software Cost, Add-Ons and Customizations. Migration annual support fee will require that FASTER Win will no longer be in use. The Initial FASTER Web annual support fee will be due 30 days after switch date. Any months remaining on FASTER Win support will be pro-rated and deducted from the initial year of FASTER Web support. After the initial renewal year, support costs will increase at 3% annually.	**$13,500**
	Upgrades & Support Total	**$13,500**

Payment Schedule By Milestone	
Milestone	**Percent Due**
Upon Purchase Confirmation	**30%**
COTS Software Delivery	**30%**

COTS System Overview	**20%**
Delivery of Converted Data and Go Live	**20%**
Hourly Work: Hourly work is billed monthly.	**TBD**

Migration Data Conversion Product

After you have completed your data cleanup, it is important that you consider additional data preparation tasks and information that will aid you in preparing *FASTER* Win data to migrate effectively to a more robust and more structured *FASTER* Web database (DB) structure. Below is detailed information.

After you deliver your clean *FASTER* Win database, *FASTER* begins the migration process. After this point you will NOT be able to change data in the *FASTER* Win DB (other than daily transactions). Therefore, NO cleanup can be done after this point. So be sure all your data cleanup and prep is done prior to uploading your *FASTER* Win database to *FASTER.*

The migration process begins by *FASTER* creating and testing a test *FASTER* Web DB. This test migration DB is called a soft go-live DB. You will be provided this soft go-live DB for review and approval. Later, one week prior to go-live you will be able to provide to *FASTER* another *FASTER* Win DB so new transaction data can be included in the final go-live DB.

Important Notes:

Once *FASTER* begins the migration work, you cannot do data cleanup or change data in your *FASTER* Win DB in any way other than to add transactions. If you do, you will risk your migration project timeline and could cause corruption or bad data or cause your organization to spend a great deal of time reversing those entries or create added cost.

There is currently a migration path from 5.69BR2 and above to *FASTER* Web. If you have a version of *FASTER* Win that is prior to 5.69BR2, you will need to upgrade to the latest version of *FASTER* in order to migrate to *FASTER* Web.

Data that Will Migrate

The Migration Data Conversion Product is used for migrating data from COTS *FASTER* Win to *FASTER* Web. It does not include migrating data that relates or is the result of a use of *FASTER* Win Add-Ons unless specifically noted. For example, Item 2 below identifies that if you have the graphics add-on, then all your graphics will be brought over with the migration.

A Migration Data Conversion does not migrate data that is uniquely associated with the customizations you have. This will need to be addressed separately and potentially at an additional cost for a custom migration.

Below is a specific list of the categories of data that will be migrated during the Migration Data Conversion:

1. Equipment Inventory

- Birth Certificate
- Acquisition and Disposal
- Vehicle Replacement
- Warranty Records
- Preventative Maintenance
- History (Is regenerated post migration based on successfully migrated data)
- User Reference

2. Graphics (Attachments) and Notes

3. Parts Inventory

- Birth Certificate
- Warranty Records
- Parts History (Is Regenerated Post Migration Based on Successfully Migrated Data)
- Order Receipts
  - Parts Processing: Credits
- Transfers (Including Returns to Vendor)
- Interchangeable Part Numbers - IPN
- Vendors & Purchase Orders
- Parts Lists

4. Repair Types/Codes

5. Work Orders/Independent Parts/Deferred Repairs

- Transactional Detail
- Meter History
- Indirect Labor
  - Deferred Repairs
- Task Lists

6. Operational Cost/Fuel

- Transactional Detail

7. Equipment Templates

8. Billing History

FASTER Web Handles Data Differently

FASTER Web is a separate, distinct product from *FASTER* Win. It was designed to provide the best practices for a fleet's future needs. This means that some of the fields, forms, and processes of *FASTER* Win have been modified or changed. Instead of building *FASTER* Web to be similar to *FASTER* Win, we felt that building the best product (even if it deviated from *FASTER* Win) is what our customers needed. Therefore, please review the *FASTER* Web product and make sure that you are comfortable with the fact that some fields, forms, and processes are different. Below is a summary of some of those differences:

Field Names

Some Field Names have shifted in *FASTER* web. A few examples of this include:

- Company changes to Organization
- Independent Issue changes to Direct Charge

- Equipment changes to Asset
- Table Look Up to Fields

Along these lines, the field names and data elements within are not identical between the two systems.

Applets No Longer Standalone

In *FASTER* Web, Applets have been consolidated into modules that represent roles. For instance:

- Work Order, Independent Parts Issue, Shop Floor Manager, Task Lists, and Indirect Labor Editor. These applets are in the Maintenance Module of *FASTER* Web.
- Part Inventory, Part Processing, Key Change and Parts Lists. These applets are in the Parts Module of *FASTER* Web.
- Equipment Inventory, Equipment Template, Equipment Ownership, Warranty Tracking, and Key Change. These applets are in the Assets Module of *FASTER* Web.

Process Changes

- Budget account codes are required in FASTER Web to process all purchases. If account code usage was turned on in Win these codes are consolidated into a single migration code.
- *FASTER* Web does not support Last Receipt. Your costing method will be converted to Moving Average.
- Table codes are now called Fields and have had their descriptions extended in length.
- *FASTER* Win Table Lookups included two fields, both a field for Code and a field for Description. In *FASTER* Web some Table Look Ups only have a description because a Code and a Description were redundant. Some examples of this would be Color, Make, and Model. In some cases the data migration will append the WIN code and description into the WEB description.
- Field relabeling functionality is limited to specific fields in *FASTER* Web; however, the relabeled fields will carry through to the Reports and other Modules.
- Credits are no longer applied directly to a work order. They are added as a Billing Adjustment that shows on the work order print out.
- Lifetime Warranty cycle type 'L' will be migrated to *FASTER* Web as a warranty with a cycle type of 'Y' for Years and the Cycle Length in *FASTER* Win will be migrated over directly to *FASTER* Web's cycle length.
- Work Order Other Cost no longer requires a Repair Type. Therefore, the Asset History totals in Web do not consider the Repair Reason code from Win. All Work Order Costs are now displayed in the 'Other Cost' column in Web.
- *FASTER* Web does not provide batch entry functionality for work order related data.
- Since *FASTER* Web is a browser-based product you do not need to use a keyboard on a handheld scanner or a PDA. You can use the following to satisfy the need for manual data input while doing receiving, issuing, or inventory:
  1. A notebook computer running a compatible browser or a tablet running a compatible browser with a wireless card.

2. A wireless network in your parts room.
3. If you have the above, you can take your notebook or tablet with you when you do receiving, issuing, or inventory. You can enter directly into the notebook's or tablet's keyboard the quantity in real-time in *FASTER* Web. Therefore, when you buy a barcode scanner you can buy the less expensive scanner that does not have a keyboard.

New Processes Supported in *FASTER* Web

- Ability to have multiple contacts per asset in *FASTER* Web.
- Ability to have multiple standard specification types for the same asset in *FASTER* Web.
- Auto work order notification email for multiple statuses is available in *FASTER* Web.
- Auto Shop Charges for multiple costs is available in *FASTER* Web.
- Ability to plan for acquisition in *FASTER* Web.
- Core tracking & returns functionality is available in *FASTER* Web.
- Two-step part transfer audit trail in *FASTER* Web.
- User required to validate meter readings before processing fuel in *FASTER* Web.
- Close out process for asset inventory counts in *FASTER* Web.
- Ability to use P-card(procurement cards) in *FASTER* Web.
- Ancillary PM, inspections, and renewals are tracked as Scheduled Actions in *FASTER* Web.

Data Not Migrated

A Migration Data Conversion does not migrate data that is uniquely associated with any customization you may have. This will need to be addressed separately and potentially at an additional cost for a custom migration. The data outlined below will NOT be migrated from *FASTER* Win to *FASTER* Web; But Functionality Is Available in *FASTER* Web.

Data Not Migrated But Functionality Is Available in *FASTER* Web

- Title Sets
- Equipment Account (EA Account)
- Billing Account (VBA Codes)
- Flat Rates
- Warranty Claims Tracking
- Backorders (only fully received orders are migrated)
- WRR (E-request repair requests from *FASTER* service center)
- RLS (Repair Labor Standard)
- Vendor Contact Cell Phone field
- F-Audit components: physical count adjustment, deleted orders, adjusted quantity, adjusted cost
- Dashboard KPI views and individual settings

Data Not Migrated And Functionality Is Not Available in *FASTER* Web

The below listed data is not migrated. And *FASTER* Web does not include the below features or functionality. Due to *FASTER* Web's improved design, some of this functionality is not necessary.

- Tank Inventory
- PM Scheduler Templates
- EOM History
- Work order estimates
- Quick buttons
- Work Order User Reference
- Max Issue from Parts
- EOQ, ABC, UCC
- Any customer created custom table codes (existing code will not be migrated & creating new ones is not supported in *FASTER* Web)
  - If you had *FASTER* develop any type of customization, usually financial, part of that development often included custom table codes that were used to identify customer specific data. These custom table codes are not migrated.

Radio Assets Management

If you are using *FASTER* Win to manage radio assets, you are likely managing radio assets as a child asset of the fleet asset. While *FASTER* Web will provide the opportunity to manage radio can do it differently than in *FASTER* Win. Therefore, just as you customized *FASTER* Win to manage radio assets, you will want to customize *FASTER* Web to take advantage of its unique qualities. If you choose to manage radios separately from assets, this will likely require a second database and a second migration. This will be an added cost and is not part of the *FASTER* Win to *FASTER* Web migration. Please discuss your needs with us.

Facilities Management

If you are using *FASTER* Win to manage facilities, there are some fundamental differences in the way you would manage facilities in *FASTER* Web. In general, you will find *FASTER* Web more robust. But in *FASTER* Web you will likely want to maximize your productivity by managing Facilities data in a separate DB from Fleet data. This requires a separate instance of *FASTER* Web (a second install of the *FASTER* Web application and a separate DB). And that does mean there is a higher cost. While you can avoid this added cost of a second Facilitates DB and instance by putting your Facilitates data in the same DB as your Fleet data; you will lose the ability to customize Facilitates separate from Fleet data.

If you want Facilities data migrated from a Company in a *FASTER* Win DB to a *FASTER* Web DB, there will be the extra cost of a custom migration. This is not part of the *FASTER* Win to *FASTER* Web migration. Please discuss your needs with us.

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3560

CIP #: CP-PW-18-HV Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: City Hall HVAC replacement FY Start 2019 Quarter Q4

Project Location: City Hall FY End 2019 Quarter Q1

Project Description

Replacement of 6 -20 ton conderser and 1-Libert conderser

Project Justification

The HVAC units in City Hall are currently 8 years old and will in FY 19 10 years old

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$90,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$40,000	Revenue
2020	$50,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$90,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3560

CIP #: CP-PW-13-CR Project #: Account #: 62-00 CIP Classification: Building District: City

Project Name: Cocoa Civic Center Rehabilitation FY Start 2019 Quarter Q4

Project Location: Civic Center FY End 2019 Quarter Q1

Project Description

1)The Ballrooms at the Civic Center are in need of some updating. Install new decorative columns and wall coverings in the ballrooms, and lay new carpet squares in the ballroom, foyer and conference rooms. 2) Replace the roof. 3) Update the ballroom, improve the river view, relocate the kitchen, and update all bathrooms. Install storm-rated windows, and new carpet.

Project Justification

1) this is needed to attract wider variety of events, customers and business to the Civic Center. 2) Emergency repairs always cost more than preventative maintenance. The older buildings in the city are in need of roof replacements. If not replaced, the City could incur more cost due to leaks, mold, fungus etc. 3) To increase marketability and bring more events to the downtown area.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$865,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$1,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$35,000	Revenue
2020	$830,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$865,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3560

CIP #: CP-PW-18-WR Project #: Account #: 46-00 CIP Classification: Repair & Maintenance District: City

Project Name: Cocoa PD Wall Rehab FY Start 2018 Quarter Q4

Project Location: Police Department FY End 2018 Quarter Q1

Project Description

The pre-cast concrete wall has had mositure intrusion, rusting and spalling of the concrete. The wall is starting to fail in many areas

Project Justification

the Police department compound needs to stay secure

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$63,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$63,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$63,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3560

CIP #: CP-PW-18-F2 Project #: Account #: 46-02 CIP Classification: R&M Building District: City

Project Name: Fire #2 Rehab FY Start 2018 Quarter Q4

Project Location: Fire #2 FY End 2018 Quarter Q1

Project Description

to repair gutter system, pressure wash and paint exterior, preasure wash and paint the interiors of the Truck bays, replace window with impact windows, repair and replace the bay doors and pave the drive way and employees parking area

Project Justification

to give to the County for use for Public Saftey

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$36,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$36,000	$0

Recurring Annual Costs

Operating	$1,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$36,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$36,000	

Financing Comments

Budgeted in FY 17 need to move to FY 18

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3560

CIP #: CP-PW-18-PB Project #: Account #: 46-02 CIP Classification: R&M Building District: City

Project Name: Public Works Pole Barn Rehab FY Start 2019 Quarter Q4

Project Location: Public Works FY End 2019 Quarter Q1

Project Description

Grind all surface rust, clean all metal. Apply rust inhibiting coat to all metal surfaces, apply primer, paint 2 coats of industrial coating.

Project Justification

Building will be in need of sealing and repainting

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$76,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$76,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$76,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3560

CIP #: CP-PW-17-S3 Project #: Account #: 46-02 CIP Classification: R&M Building District: City

Project Name: Roof replacement Fire station #3 FY Start 2018 Quarter Q4

Project Location: Fire station #3 FY End 2018 Quarter Q1

Project Description

If Fire #3 is going to be kept for a storage building it will need a new roof

Project Justification

Emergency repairs always cost more than preventative maintenance

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$75,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$1,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$75,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$75,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3560

CIP #: CP-PW-18-SP Project #: Account #: 46-02 CIP Classification: R&M Building District: City

Project Name: Seal/Paint Police department FY Start 2018 Quarter Q4

Project Location: Police department FY End 2018 Quarter Q1

Project Description

Pressure wash ,seal and Paint Police department

Project Justification

The PD building was last painted over 10 years ago.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$32,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$32,000	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$32,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$32,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3580

CIP #: CP-PW-17-DM Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: 2 Digital message boards FY Start 2018 Quarter Q4

Project Location: City Wide - TBD FY End 2018 Quarter Q1

Project Description

One new Digital message boards for the new Fire Stations purchased in FY18 and one in FY19.

Project Justification

to better infor our citzens with message boards throughout the City

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$100,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$50,000	$0

Recurring Annual Costs

Operating	$1,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$50,000	Revenue
2019	$50,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$100,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3580

CIP #: CP-PW-17-JS | Project #: CP1504 | Account #: 62-00 | CIP Classification: Building | District: D1

Project Name: New Joe L. Smith Center for Justice | FY Start 2017 Quarter Q4

Project Location: Joe L. Smith | FY End 2019 Quarter Q1

Project Description

To Design and build a new Joe L. Smith center for justice

Project Justification

A multi-use building .

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$4,560,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$60,000	$0	$115,000	$0

Recurring Annual Costs

Operating	$1,000
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$175,000	Reserves
2019	$4,385,000	Grant
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$4,560,000	

Financing Comments

Diamond Square CRA TIF, CDBG 108 loan, other possible grant source, Debt proceeds and General Fund contribution.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3580

CIP #: CP-PW-16-FS Project #: Account #: 63-00 CIP Classification: Infrastructure District: D2

Project Name: Total Fitness system FY Start 2018 Quarter Q4

Project Location: Bracco Pond walking path FY End 2018 Quarter Q1

Project Description

Two complete outdoor fitness systems, 1 Jr. Fitness (ages 9-14) with 14 stations with 84 exercises designed for pre-teens and teenagers. 2 Prime fitness(ages 13 and up) with 10 stations with 120 exercises.

Project Justification

To prompt a healthy life style in the City Parks

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$95,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$1,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$95,000	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$95,000	

Financing Comments

Possible FRDAP Grant and revenue

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 001 **Dept/Div:** 3580

CIP #: CP-PW-18-TC Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Trash Can replacement FY Start 2018 Quarter Q4

Project Location: City-wide FY End 2018 Quarter Q1

Project Description

To update all the trash cans through-out Downtown and City-wide 35 new Trash cans

Project Justification

To replace old and weathered trash cans and to have one style of trash can through-out the downtown and City wide

Strategic Connection: to

N/A

Total Cost of Project	Total Cost to Date
$50,050	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$25,025	Revenue
2020	$25,025	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$50,050	

Financing Comments

35 Trash cans - $ 1,430 per can

CIE_Designation ☐

City of Cocoa Capital Improvement Plan
FY 2018 through FY 2022

Special Revenue Funds Projects

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CD-18-FA | Project #: CP1502 | Account #: 63-00 | CIP Classification: Infrastructure | District: D1

Project Name: 6 Forrest Avenue Gateway Entry Feature | FY Start 2018 Quarter Q4

Project Location: Cocoa CRA | FY End 2018 Quarter Q1

Project Description

Develop and install a gateway entry feature at 6 Forrest Avenue to signify entry into Historic Cocoa Village.

Project Justification

The Cocoa CRA approved the Waterfront Master Plan of which one of the prioritized projects was the Wayfinding/Signage Program.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$260,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$260,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$2,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$260,000	Combination
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$260,000	

Financing Comments

The Cocoa CRA will apply for any grant funding available for signage and use TIF revenues as needed to fund the project.

CIE_Designation ☐

6 Forrest Avenue
Project #: CP1502

Brevard County Property Appraiser



May 16, 2017

1:1,000

0 45 90 180 ft

0 12.5 25 50 m

BCPAO Pictometry 2846850

For illustration only. Not a survey. Map layers may not precisely align.

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CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-PW-18-BA Project #: Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Brevard Ave Streetscape Project FY Start 2020 Quarter Q4

Project Location: Downtown Cocoa FY End 2021 Quarter Q1

Project Description

Upgrade water, sewer, stormwater system and landscaping on Brevard Ave. from S.R.520 to Rosa L. Jones. Also re-paving and striping of roadways

Project Justification

Brevard Ave is the main throughfair into Cocoa Village. The existing water and sewer have been in existance since the 1920's and the streetscape portion was done in the 1970's. All of the utilities are in need of a major up-grade.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$4,000,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$500,000	Combination
2021	$3,500,000	Combination
2022	$0	$0 this FY
Total Capital Costs	$4,000,000	

Financing Comments

Joint Project; Funded by; Cocoa CRA / General Fund / Utilities and Stormwater

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CD-14-TD Project #: CS14LW Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Cocoa Riverfront T-Dock Expansion (Phase 2 - Construction) FY Start 2018 Quarter Q4

Project Location: Riverfront Park and Lee Wenner Park FY End 2018 Quarter Q1

Project Description

Extend and reconstruct the T-dock to accommodate larger vessels, such as ICW cruisers.

Project Justification

The Cocoa Redevelopment Plan and the approved Waterfront Master Plan identify this project. The expansion of the T-dock will allow greater boater access to Cocoa Village and allow for larger vessels to bring additional patrons to the Village.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$464,000	$50,000

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$50,000	$0	$0	$364,000

Recurring Annual Costs

Operating	$0
Maintenance	$2,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$414,000	Combination
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$414,000	

Financing Comments

FIND Grant of $25,000 was awarded in FY 2014 for design and engineering. Construction grant of $192,803 will be sought from FIND with Cocoa CRA TIF of $191,803 as 50% match for construction reimbursement.

CIE_Designation ☐

Project #: PW16RP

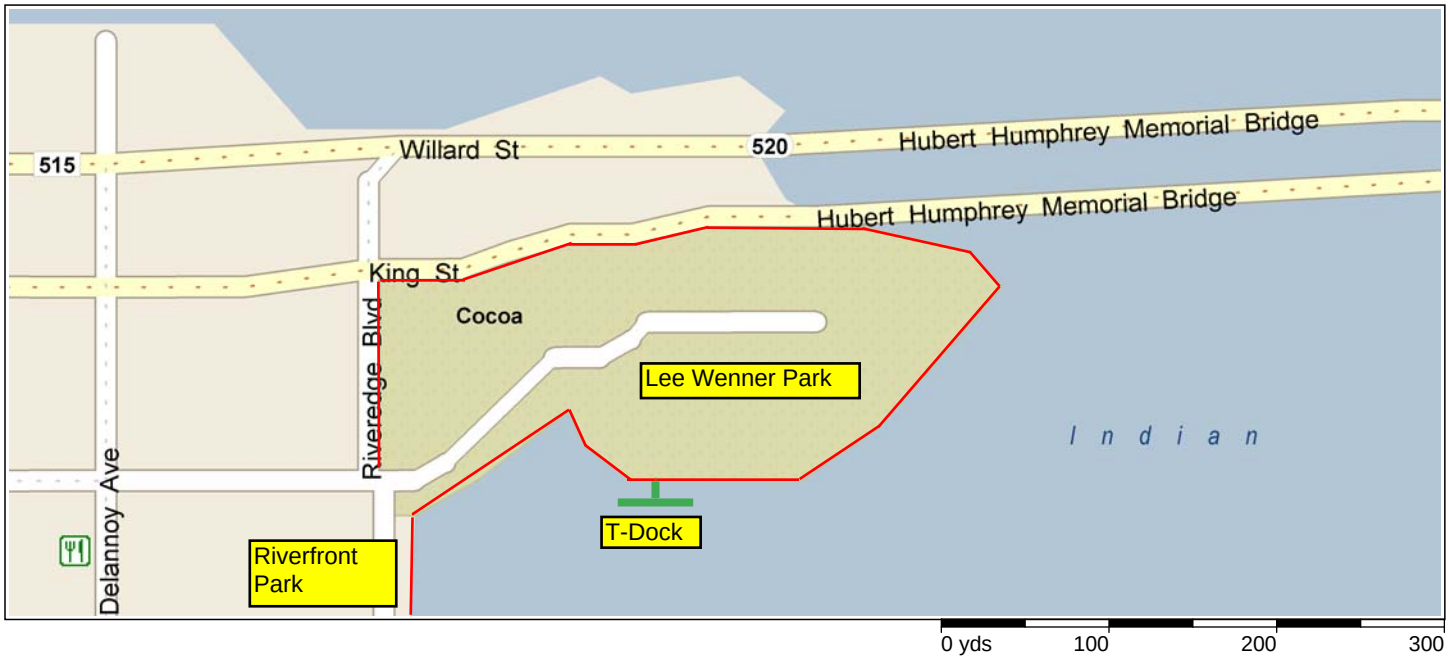
Docking Locations



*No docking at Day Docks between the hours of 12:00 am and 5:00 am
*Day docks are restricted to a maximum 8 hour time limitation
*T-Dock is restricted to a maximum 48 hour time limitation
*No time restriction at Dinghy Dock

Project #: CS14LW

Florida Inland Navigation District - Project Boundary Map



City of Cocoa
Riverfront Park T-Dock Expansion Project

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CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CD-13-SP Project #: CD1401 Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Cocoa Village Wayfinding and Signage Program FY Start 2022 Quarter Q4

Project Location: Cocoa CRA FY End 2022 Quarter Q1

Project Description

Develop and install wayfinding signs at key locations within the City directing traffic to and within Historic Cocoa Village.

Project Justification

The Cocoa CRA approved the Waterfront Master Plan of which one of the prioritized projects was the Wayfinding/Signage Program. The CRA has allocated $100,000 towards the design of the wayfinding project which was completed in FY 2015. Total project costs for the implementation of the program are estimated at $500,000.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$500,000	$67,000

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$2,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$433,000	Combination
Total Capital Costs	$433,000	

Financing Comments

The Cocoa CRA will apply for any grant funding available for signage and use TIF revenues as needed to fund the project.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CS-16-DG Project #: Account #: 62-00 CIP Classification: Building District: D1

Project Name: Downtown Parking Garage FY Start 2019 Quarter Q1

Project Location: Stone and Oleander Streets FY End 2021 Quarter Q4

Project Description

Construction of a 3-story public parking structure serving Historic Cocoa Village which will provide approximately 300 public spaces as well as additional commercial/retail space on the 1st floor.

Project Justification

The Parking Study conducted in 2007 will be updated in 2017.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$5,500,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	Combination
2019	$5,500,000	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$5,500,000	

Financing Comments

The City/CRA is currently seeking a public-private partnership to assist with funding of project.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CS-16-HS Project #: CS15HS Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Harrison Street Streetscaping & Stormwater Drainage Improvements (Cocoa CRA portion) FY Start 2018 Quarter Q3

Project Location: Harrison Street from Delannoy Ave to the entrance to Lee Wenner Park FY End 2018 Quarter Q1

Project Description

Streetscaping of Harrison Street from Delannoy Avenue to the entrance to Lee Wenner Park.

Project Justification

This project will enhance the walkabilty and safety of pedestrian, bicyclists and automobiles as well as much needed stormwater management.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$396,994	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$396,994	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$396,994	

Financing Comments

The Capital Cost is the portion being funded by the Cocoa CRA TIF.
Split between the Utility Fund, Stormwater Fund and the Cocoa CRA (110) Fund

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-PW-17-PP Project #: Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Lee Wenner Park Paving and Striping FY Start 2021 Quarter Q4

Project Location: Lee Wenner Park FY End 2021 Quarter Q1

Project Description

Mill, pave and re-stripe parking and drive lanes in Lee Wenner Park

Project Justification

The asphalt in the park is old and deteriorated. The existing striping for parking has faded. Re-doing both will enhance the overall apperance of the park

Strategic Connection: Operational

Enhanced parking will increase the overall apperance of the park and draw more visitors

Total Cost of Project	Total Cost to Date
$125,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$125,000	Other Source
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$125,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CS-16-RP Project #: PW16RP Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Riverfront Park Day Slips FY Start 2018 Quarter Q4

Project Location: The northeastern most section of Riverfront Park at the boardwalk. FY End 2018 Quarter Q1

Project Description

Construction of additional day 6 to 10 slips at Riverfront Park.

Project Justification

With the increased development/redevelopment of Historic Cocoa Village, it is anticipated additional day slips will be needed for boaters.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$45,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$45,000	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$45,000	Combination
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$45,000	

Financing Comments

The City is applying for FIND grant, where 50% of construction costs will be funded. Cocoa CRA TIF is funding the remaining 50%.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CS-15-MF Project #: CD1501 Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Riverfront Park Mooring Field FY Start 2019 Quarter Q1

Project Location: East of Riverfront Park in Indian River Lagoon. FY End 2020 Quarter Q4

Project Description

Public Mooring Field with up to sixty (60) mooring anchors fronting the bulkhead of Riverfront Park, north of existing FPL right-of-way.

Project Justification

Mooring Field will allow for the safe and sanitary mooring of larger vessels currently dropping anchor east of the Park in the River. Dangerous conditions exist with unstable mooring and sanitation issues, including derelict vessels.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$343,354	$98,000

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$50,000
Maintenance	$25,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$75,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$245,354	Grant
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$245,354	

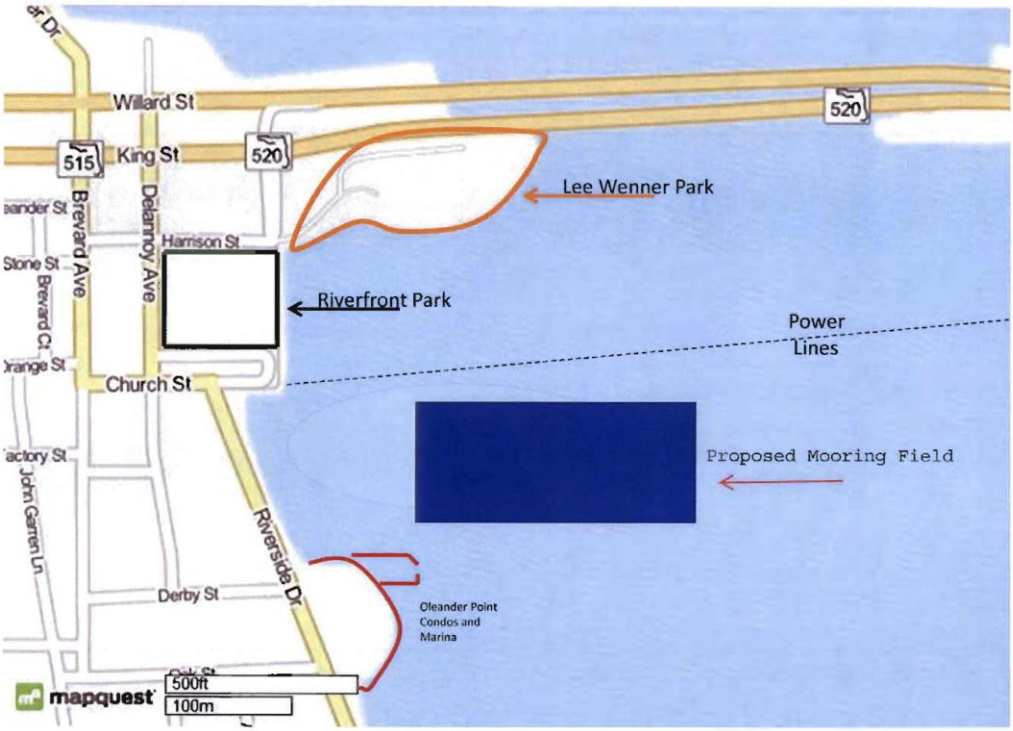
Financing Comments

FIND grant will be sought for construction of just the mooring field, not dockside amenities. A public/private partnership will be sought for construction as well as ongoing operational costs.

CIE_Designation ☐

Project #: CD1501

City of Cocoa – Riverfront Park Mooring Field Project Boundary Map



CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 110 **Dept/Div:** 3230

CIP #: CP-CS-17-TC Project #: Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Southern Gateway Traffic Circle FY Start 2022 Quarter Q4

Project Location: Traffic Circle - Brevard Avenue and Rosa L Jones Drive FY End 2022 Quarter Q1

Project Description

Rebuild the Brevard Avenue/Rosa L Jones Drive traffic circle as a functioning public square and gateway entry feature for the southern entrance to Historic Cocoa Village.

Project Justification

The Traffic Circle is contained in the Cocoa CRA Waterfront Master Plan. The rebuilt square will address vehicle and pedestrian safety concerns as well as add to the inventory of public space. The CRA has completed preliminary engineering and is 50% complete with design and engineering.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$1,849,405	$163,684

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$1,685,721	Combination
Total Capital Costs	$1,685,721	

Financing Comments

TIF revenues as well as grants and other funding sources will be researched.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 301 **Dept/Div:** 3580

CIP #: CP-FD-11-NS Project #: Account #: 62-00 CIP Classification: Building District: City

Project Name: ***New Fire Stations Construction - Subject to funding availability FY Start 2017 Quarter Q4

Project Location: Different City locations FY End 2017 Quarter Q1

Project Description

Construction of 3 new fire stations with 1 containing Admin Offices.

Project Justification

The annexation to the north and west, the City needs to re-align and construct new fire stations to decrease and maintain response times and provide more efficient coverage and to better serve to Cocoa.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$8,000,000	$1,500,000

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$300,000	$0	$4,551,699	$0

Recurring Annual Costs

Operating	$2,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$3,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$4,851,699	Combination
2019	$1,648,301	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$6,500,000	

Financing Comments

Fire assessment /Bond

Funds carried forward from FY16

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 301 **Dept/Div:** 3580

CIP #: CP-CP-15-01 Project #: CP1501 Account #: 62-00 CIP Classification: Building District: D1

Project Name: HEART OF COCOA MEETING ROOM FY Start 2017 Quarter Q4

Project Location: 217 Factory street FY End 2017 Quarter Q1

Project Description

To build a City / Community meeting room. The room will be about 36x23 with a bathroom.

Project Justification

The City has purchased the land at 217 Factory Street and is awaiting a tenant

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$160,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$5,000	$0	$155,000	$0

Recurring Annual Costs

Operating	$1,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$2,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$160,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$160,000	

Financing Comments

CIE_Designation ☐

City of Cocoa Capital Improvement Plan
FY 2018 through FY 2022

Water / Sewer Enterprise Fund Projects

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 1515

CIP #: CP-FN-17-MR Project #: Account #: 64-15 CIP Classification: IT Machinery & Equipment District: City

Project Name: Meter reading Hand Held Utility Usage Reading Capture Devices FY Start 2018 Quarter Q4

Project Location: City FY End 2018 Quarter Q1

Project Description

Replacement of 14 Handheld Meter Reader reading capture devices with the Neptune Trimble Ranger 3Xe Data Collector. The Hardware is estimated at $5,950 each hand held, $485 each charging and communication cradle, $564 each unit per year for annual maintenance after two year warranty expires, and $2,500 in on-site system training.

Project Justification

The current Itron MV-RS has announced the end of new sales to be December 31, 2016 and the support for existing equipment to be December 31, 2021. The current technology was procured in 2011. We currently invest in the Neptune product for RF meter reading data collection using the MRX920 unit and the N_Sight R900 Software. This unit is new to the market and pushing it out to 2018 will allow for valuable feedback from other utility customers. It is also the only unity currently on the market that will read a mixed route of both visually read meters and Neptune RF registers maximizing the efficiency of collecting any given mixed route readings. The annual maintenance is also less on Neptune equipment than Itron by approximately $4,000 per year.

Strategic Connection: Strategic Plan/Utilities Master Plan

Utility Master Plan.

Total Cost of Project	Total Cost to Date
$101,486	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$91,090	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$7,896
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$7,896

Capital Costs and Proposed Financing by Fiscal Year

2018	$91,090	Revenue
2019	$10,396	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$101,486	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4010

CIP #: CP-PW-18-FA | Project #: 3540-001 | Account #: 68-10 | CIP Classification: Software | District: City

Project Name: FLEET FASTER ASSET UPGRADE TO FASTER WEB | FY Start 2018 Quarter Q4

Project Location: Cocoa Fleet | FY End 2018 Quarter Q1

Project Description

This is a full software upgrade a full database migration from FASTER WIN to FASTER WEB. This is Faster Asset Solutions upgrade to it latest FLEET MANAGEMENT SOFTWARE SOLUTION. This is Cocoa Fleet next tool for a ever growing Fleet. The system uses our current database and all the data that has been collected over the past 14 years.

Project Justification

Cocoa Fleet has been using Faster Asset Solutions since 2004 this was Fasters client based windows solution the system is 14 years old. The new software architecture is WEB giving greater functionality, greater software integration with a host of other enterprise software solutions with KPI functionality. This is the next tool Cocoa Fleet Management software needs FASTER Web, is the most powerful and technologically advanced fleet management system on the market. While other vendors offer web-enabled solutions that were developed with early stage web technologies, FASTER Web was developed based on current platforms from the ground up for a true web experience that offers better load times, better search capability and a true user experience that does not rely on endless scrolling or screen jumping.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$20,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$13,500
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$13,500

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$20,000	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$20,000	

Financing Comments

This would be a 50/50 split between general and enterprise funds. Fleet service vehicle and equipment in all three funds

CIE_Designation ☐

Statement of Work (SOW), Pricing, & Payment Terms

***FASTER* Asset Solutions**

100% Employee-Owned

Created For:
City of Cocoa
Date:
March 27, 2017
Senior Software Consultant:
Steve Specht

Pricing in this proposal is valid for 60 days.

Qty	Description	Cost
FMIS Core COTS System		
400	001 – Software Cost: Standard Active Assets: This price includes up to quantity listed standard active assets (which are defined as originally valued at $5000 or greater and active). Each additional asset will be $100.00. This includes one instance of the FASTER Web Application with one database.	$40,000
1	050 – Unlimited Named Accounts: Unlimited user access (named accounts) included.	Included
Add-ons		
1	207nc – Dashboard Add-on: (See Offsetting Discount Below) Provides 20 standard metrics that monitor fleet industry performance measures. The dashboards have powerful configuration capability to enable effective display of data. They are also drillable in that you can click and drill into the data presented by the dashboard. And the Dashboards are role-based so that you can empower users based on their roles.	$10,000
1	208 – Barcoding Software: Barcoding Software for One Storeroom (allows for Label Scanning and Printing). Hardware is not included.	$6,000

1	301 - Single Vendor Fuel Import (New Vendor or New File) - Existing Customer: This is a single vendor fuel import for an existing customer who has been live on a FASTER product for more than 6 months. This pricing is for either: 1. To import a new fuel vendor fuel transaction file. 2. Or, to import a new fuel file from your existing vendor. The Fuel Import (FI) is a COTS add-on. It is a robust yet inexpensive way to import data from a Fuel System Vendor (FSV). It requires significant configuration and testing by FASTER. Below are important items the customer will need to provide for FASTER to configure, test and deploy: 1. FSV Fuel File Layout Definition – This is the layout for the export file you plan on receiving regularly from your FSV. It defines your fuel export file's columns, positions and/or delimiters (if used). 2. Fuel System Export Files - Live production export files from the fuel system, including the complete disbursement transaction data. A minimum of 100 transactions will be needed for proper testing. The export files generated from your fuel system must be flat files, not reports, and not generated in Microsoft Excel. It is important you ensure your FSV does not change this export file as any changes may require additional configuration and testing. 3. Completed FI-Customer Configuration Form -This is a detailed form that assists you in providing all the information required for the FI to be configured and tested properly. (This FI does not import Site & Dispenser information. You can add the importing of Site & Dispenser data to the SFI for an additional ($2,500) cost.)	$3,500
Go-Live Custom Work		
1	333e – Custom Integration: Export: Naviline Export This is an estimate for a one-way export. The actual cost of export can be determined once specifications are identified.	$8,000
Data Services		
1	408 - Migration Data Conversion: The Migration Data Conversion Product is used for migrating data from COTS FASTER Win-5.69 BR2 or higher to FASTER Web. It does not include migrating data that relates or is the result of a use of FASTER Win Add-On unless specifically noted. For example, item 2 of the appendix identifies that if you have the graphics add-on, then all your graphics will be brought over with the migration. A Migration Data Conversion does not migrate data that is uniquely associated with the customization you have. This will need to be addressed separately and potentially as an additional custom migration. The attached appendix "Migration Data Conversion Product" is an outline of the categories of data that will be migrated during the Migration Data Conversion.	$15,000
1	405 – Data Cleanup: If the data in the current system is in need of correction prior to the extraction, the customer will be responsible for data correction that takes place in the legacy system. (However, as part of the implementation process, FASTER Fleet Consultants will provide advice and guidance related to data correction.) For customers who maintain reliable data, there should be no need for data correction. However, if past practices or flawed conversions permitted incorrect data to be entered in the current system, it is advisable that the customer correct this prior to the extraction process beginning.	n/a
Configuration & Training		
1	Migration Implementation and Project Management Services	$9,000

1	511 – System Overview Meetings (SOM): System overview meetings take place via live, remote web-based sessions. They consist of two, 4-hour meetings that will occur on the same day or two consecutive days where the customer will ensure key users are able to participate.	$6,600
1	512 – System Training/Go-Live: This training includes the below training agenda. Because training is hands-on, the maximum class size is 20 attendees and includes a single training location. Additional training sessions and trainers can be added at an additional cost any time up to 4-weeks prior to your go-live.	See below
1	512a – Go-Live Week System Training - Asset Module (4 Hrs): Should include FASTER System Admin and Asset Managers.	$2,200
1	512b – Go-Live Week System Training - Maintenance Module (4 Hrs): Should include FASTER System Admin, Maintenance Supervisor, Service Writers and/or Technician who will create work orders.	$2,200
1	512c – Go-Live Week System Training - Parts Module (4 Hrs): Should include FASTER System Admin, Parts Staff and Parts Managers.	$2,200
1	512d – Go-Live Week System Training - Fuel Module (1 Hr): Should include FASTER System Admin and Fuel Clerk.	$550
1	512e – Go-Live Week System Training - Vendors & Accounting Modules (1.5 Hrs): Should include FASTER System Admin, Accounting Staff and Parts Managers.	$825
2	512f – Go-Live Week System Training - Technician Workstation (2.5 Hrs): Should include FASTER System Admin and Technicians.	$1,375

1	512g – Go-Live Week System Training - Additional Trainers (TBD): The above training costs provide for one trainer the week of go live. One trainer can provide one session of each of the above hands-on, user training sessions with the exception of the Technician Workstation. (Two Technician Workstation sessions can be accommodated by a single trainer.) If you determine your training needs require additional training sessions due to shift work or other needs, an additional FASTER trainer can participate during the week of go live for an added cost. Therefore, it will be important for you to determine the total number of training sessions and trainers you will need in order to then calculate your total training cost. Each of the above training sessions are role-based. So it should be easy to determine how many staff you have for each role. Typically the largest training sessions are the Technician Workstation and Maintenance Module. Please remember that you may want your Technicians to attend more than the Technician Workstation training module. To calculate your additional training costs: -- The cost (including room, board and travel) of the 1st trainer is included in the above costs. -- Travel, room and board will be a flat cost of $1,000 for each additional trainer. -- To calculate session costs, multiply the number of additional training sessions you need of each of the above session options by the cost of the training module as listed above (module session cost times how many instances of that module session you require). -- The above flat fee for travel, room and board of each additional trainer as well as the fees for the above training assume that training sessions will be held consecutively so as to minimize the number of days a trainer would need to be at your location. It also assumes there is no weekend stayover. If training will begin one week and extend into the next week, an additional $1,000 per trainer would apply for travel, room and board ($1,000 flat fee per trainer times the number of business weeks spanned).	TBD
Discounts		
1	900 – Existing WIN Customer Discount Discount for Existing FASTER WIN Customers	-$4,000
1	905ec – Existing FASTER WIN Customer Dashboard Discount	-$10,000
	Software & Services Total	**$93,450**

Upgrades & Support		
1	801 – Upgrades & Support: Annual support after switch date. Annual support services are comprised of Software Cost, Add-Ons and Customizations. Migration annual support fee will require that FASTER Win will no longer be in use. The Initial FASTER Web annual support fee will be due 30 days after switch date. Any months remaining on FASTER Win support will be pro-rated and deducted from the initial year of FASTER Web support. After the initial renewal year, support costs will increase at 3% annually.	**$13,500**
	Upgrades & Support Total	**$13,500**

Payment Schedule By Milestone	
Milestone	**Percent Due**
Upon Purchase Confirmation	**30%**
COTS Software Delivery	**30%**

COTS System Overview	**20%**
Delivery of Converted Data and Go Live	**20%**
Hourly Work: Hourly work is billed monthly.	**TBD**

Migration Data Conversion Product

After you have completed your data cleanup, it is important that you consider additional data preparation tasks and information that will aid you in preparing *FASTER* Win data to migrate effectively to a more robust and more structured *FASTER* Web database (DB) structure. Below is detailed information.

After you deliver your clean *FASTER* Win database, *FASTER* begins the migration process. After this point you will NOT be able to change data in the *FASTER* Win DB (other than daily transactions). Therefore, NO cleanup can be done after this point. So be sure all your data cleanup and prep is done prior to uploading your *FASTER* Win database to *FASTER.*

The migration process begins by *FASTER* creating and testing a test *FASTER* Web DB. This test migration DB is called a soft go-live DB. You will be provided this soft go-live DB for review and approval. Later, one week prior to go-live you will be able to provide to *FASTER* another *FASTER* Win DB so new transaction data can be included in the final go-live DB.

Important Notes:

Once *FASTER* begins the migration work, you cannot do data cleanup or change data in your *FASTER* Win DB in any way other than to add transactions. If you do, you will risk your migration project timeline and could cause corruption or bad data or cause your organization to spend a great deal of time reversing those entries or create added cost.

There is currently a migration path from 5.69BR2 and above to *FASTER* Web. If you have a version of *FASTER* Win that is prior to 5.69BR2, you will need to upgrade to the latest version of *FASTER* in order to migrate to *FASTER* Web.

Data that Will Migrate

The Migration Data Conversion Product is used for migrating data from COTS *FASTER* Win to *FASTER* Web. It does not include migrating data that relates or is the result of a use of *FASTER* Win Add-Ons unless specifically noted. For example, Item 2 below identifies that if you have the graphics add-on, then all your graphics will be brought over with the migration.

A Migration Data Conversion does not migrate data that is uniquely associated with the customizations you have. This will need to be addressed separately and potentially at an additional cost for a custom migration.

Below is a specific list of the categories of data that will be migrated during the Migration Data Conversion:

1. Equipment Inventory

- Birth Certificate
- Acquisition and Disposal
- Vehicle Replacement
- Warranty Records
- Preventative Maintenance
- History (Is regenerated post migration based on successfully migrated data)
- User Reference

2. Graphics (Attachments) and Notes

3. Parts Inventory

- Birth Certificate
- Warranty Records
- Parts History (Is Regenerated Post Migration Based on Successfully Migrated Data)
- Order Receipts
  - Parts Processing: Credits
- Transfers (Including Returns to Vendor)
- Interchangeable Part Numbers - IPN
- Vendors & Purchase Orders
- Parts Lists

4. Repair Types/Codes

5. Work Orders/Independent Parts/Deferred Repairs

- Transactional Detail
- Meter History
- Indirect Labor
  - Deferred Repairs
- Task Lists

6. Operational Cost/Fuel

- Transactional Detail

7. Equipment Templates

8. Billing History

FASTER Web Handles Data Differently

FASTER Web is a separate, distinct product from *FASTER* Win. It was designed to provide the best practices for a fleet's future needs. This means that some of the fields, forms, and processes of *FASTER* Win have been modified or changed. Instead of building *FASTER* Web to be similar to *FASTER* Win, we felt that building the best product (even if it deviated from *FASTER* Win) is what our customers needed. Therefore, please review the *FASTER* Web product and make sure that you are comfortable with the fact that some fields, forms, and processes are different. Below is a summary of some of those differences:

Field Names

Some Field Names have shifted in *FASTER* web. A few examples of this include:

- Company changes to Organization
- Independent Issue changes to Direct Charge

- Equipment changes to Asset
- Table Look Up to Fields

Along these lines, the field names and data elements within are not identical between the two systems.

Applets No Longer Standalone

In *FASTER* Web, Applets have been consolidated into modules that represent roles. For instance:

- Work Order, Independent Parts Issue, Shop Floor Manager, Task Lists, and Indirect Labor Editor. These applets are in the Maintenance Module of *FASTER* Web.
- Part Inventory, Part Processing, Key Change and Parts Lists. These applets are in the Parts Module of *FASTER* Web.
- Equipment Inventory, Equipment Template, Equipment Ownership, Warranty Tracking, and Key Change. These applets are in the Assets Module of *FASTER* Web.

Process Changes

- Budget account codes are required in FASTER Web to process all purchases. If account code usage was turned on in Win these codes are consolidated into a single migration code.
- *FASTER* Web does not support Last Receipt. Your costing method will be converted to Moving Average.
- Table codes are now called Fields and have had their descriptions extended in length.
- *FASTER* Win Table Lookups included two fields, both a field for Code and a field for Description. In *FASTER* Web some Table Look Ups only have a description because a Code and a Description were redundant. Some examples of this would be Color, Make, and Model. In some cases the data migration will append the WIN code and description into the WEB description.
- Field relabeling functionality is limited to specific fields in *FASTER* Web; however, the relabeled fields will carry through to the Reports and other Modules.
- Credits are no longer applied directly to a work order. They are added as a Billing Adjustment that shows on the work order print out.
- Lifetime Warranty cycle type ‘L’ will be migrated to *FASTER* Web as a warranty with a cycle type of ‘Y’ for Years and the Cycle Length in *FASTER* Win will be migrated over directly to *FASTER* Web’s cycle length.
- Work Order Other Cost no longer requires a Repair Type. Therefore, the Asset History totals in Web do not consider the Repair Reason code from Win. All Work Order Costs are now displayed in the ‘Other Cost’ column in Web.
- *FASTER* Web does not provide batch entry functionality for work order related data.
- Since *FASTER* Web is a browser-based product you do not need to use a keyboard on a handheld scanner or a PDA. You can use the following to satisfy the need for manual data input while doing receiving, issuing, or inventory:
  1. A notebook computer running a compatible browser or a tablet running a compatible browser with a wireless card.

2. A wireless network in your parts room.
3. If you have the above, you can take your notebook or tablet with you when you do receiving, issuing, or inventory. You can enter directly into the notebook's or tablet's keyboard the quantity in real-time in *FASTER* Web. Therefore, when you buy a barcode scanner you can buy the less expensive scanner that does not have a keyboard.

New Processes Supported in *FASTER* Web

- Ability to have multiple contacts per asset in *FASTER* Web.
- Ability to have multiple standard specification types for the same asset in *FASTER* Web.
- Auto work order notification email for multiple statuses is available in *FASTER* Web.
- Auto Shop Charges for multiple costs is available in *FASTER* Web.
- Ability to plan for acquisition in *FASTER* Web.
- Core tracking & returns functionality is available in *FASTER* Web.
- Two-step part transfer audit trail in *FASTER* Web.
- User required to validate meter readings before processing fuel in *FASTER* Web.
- Close out process for asset inventory counts in *FASTER* Web.
- Ability to use P-card(procurement cards) in *FASTER* Web.
- Ancillary PM, inspections, and renewals are tracked as Scheduled Actions in *FASTER* Web.

Data Not Migrated

A Migration Data Conversion does not migrate data that is uniquely associated with any customization you may have. This will need to be addressed separately and potentially at an additional cost for a custom migration. The data outlined below will NOT be migrated from *FASTER* Win to *FASTER* Web; But Functionality Is Available in *FASTER* Web.

Data Not Migrated But Functionality Is Available in *FASTER* Web

- Title Sets
- Equipment Account (EA Account)
- Billing Account (VBA Codes)
- Flat Rates
- Warranty Claims Tracking
- Backorders (only fully received orders are migrated)
- WRR (E-request repair requests from *FASTER* service center)
- RLS (Repair Labor Standard)
- Vendor Contact Cell Phone field
- F-Audit components: physical count adjustment, deleted orders, adjusted quantity, adjusted cost
- Dashboard KPI views and individual settings

Data Not Migrated And Functionality Is Not Available in *FASTER* Web

The below listed data is not migrated. And *FASTER* Web does not include the below features or functionality. Due to *FASTER* Web's improved design, some of this functionality is not necessary.

- Tank Inventory
- PM Scheduler Templates
- EOM History
- Work order estimates
- Quick buttons
- Work Order User Reference
- Max Issue from Parts
- EOQ, ABC, UCC
- Any customer created custom table codes (existing code will not be migrated & creating new ones is not supported in *FASTER* Web)
  - If you had *FASTER* develop any type of customization, usually financial, part of that development often included custom table codes that were used to identify customer specific data. These custom table codes are not migrated.

Radio Assets Management

If you are using *FASTER* Win to manage radio assets, you are likely managing radio assets as a child asset of the fleet asset. While *FASTER* Web will provide the opportunity to manage radio can do it differently than in *FASTER* Win. Therefore, just as you customized *FASTER* Win to manage radio assets, you will want to customize *FASTER* Web to take advantage of its unique qualities. If you choose to manage radios separately from assets, this will likely require a second database and a second migration. This will be an added cost and is not part of the *FASTER* Win to *FASTER* Web migration. Please discuss your needs with us.

Facilities Management

If you are using *FASTER* Win to manage facilities, there are some fundamental differences in the way you would manage facilities in *FASTER* Web. In general, you will find *FASTER* Web more robust. But in *FASTER* Web you will likely want to maximize your productivity by managing Facilities data in a separate DB from Fleet data. This requires a separate instance of *FASTER* Web (a second install of the *FASTER* Web application and a separate DB). And that does mean there is a higher cost. While you can avoid this added cost of a second Facilitates DB and instance by putting your Facilitates data in the same DB as your Fleet data; you will lose the ability to customize Facilitates separate from Fleet data.

If you want Facilities data migrated from a Company in a *FASTER* Win DB to a *FASTER* Web DB, there will be the extra cost of a custom migration. This is not part of the *FASTER* Win to *FASTER* Web migration. Please discuss your needs with us.

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4010

CIP #: CP-PW-18-FE | Project #: 3540-001 | Account #: 52-00 | CIP Classification: Operating | District: City

Project Name: FLEET FASTER ASSET UPGRADE TO FASTER WEB | FY Start 2018 Quarter Q4

Project Location: Cocoa Fleet | FY End 2018 Quarter Q1

Project Description

This is a full software upgrade a full database migration from FASTER WIN to FASTER WEB. This is Faster Asset Solutions upgrade to it latest FLEET MANAGEMENT SOFTWARE SOLUTION. This is Cocoa Fleet next tool for a ever growing Fleet. The system uses our current database and all the data that has been collected over the past 14 years.

Project Justification

Cocoa Fleet has been using Faster Asset Solutions since 2004 this was Fasters client based windows solution the system is 14 years old. The new software architecture is WEB giving greater functionality, greater software integration with a host of other enterprise software solutions with KPI functionality. This is the next tool Cocoa Fleet Management software needs FASTER Web, is the most powerful and technologically advanced fleet management system on the market. While other vendors offer web-enabled solutions that were developed with early stage web technologies, FASTER Web was developed based on current platforms from the ground up for a true web experience that offers better load times, better search capability and a true user experience that does not rely on endless scrolling or screen jumping.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$26,725	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$13,500
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$13,500

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$26,725	Combination
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$26,725	

Financing Comments

This would be a 50/50 split between general and enterprise funds. Fleet service vehicle and equipment in all three funds

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4010

CIP #: CP-WS-18-AF Project #: WS16UP Account #: 31-00 CIP Classification: Professional Services District: WS-Outside City

Project Name: Utility Privatization Services FY Start 2018 Quarter Q4

Project Location: Cocoa Beach and Cape Canaveral FY End 2018 Quarter Q1

Project Description

Service assistance for Patrick Air Force Base and Cape Canaveral Air Force Station privatization, which includes a two phase approach. Phase I includes development of RFQ response and Phase II is for contract negotiation.

Project Justification

Project area is with the City's Franchise Area and the City currently provides water to these bases.

Strategic Connection: Strategic Plan/Utilities Master Plan

NA

Total Cost of Project	Total Cost to Date
$1,442,935	$44,145

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$1,398,790	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$1,398,790	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$1,398,790	

Financing Comments

Phase I carry forward from FY17 in the amount of $1,398,790.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-AT | Project #: WS18AS | Account #: 63-00 | CIP Classification: Infrastructure | District: WS-Outside City

Project Name: Automatic Transfer Switch (ATS) Replacement at the TCR Pump Station | FY Start 2018 Quarter Q3

Project Location: TCR Pump Station | FY End 2018 Quarter Q1

Project Description

The project includes the replacement of the ATS at the TCR Pump Station which upon a power outage starts the backup power generator and transfers the power feed to the pumps from the main utility to the generator. The ATS failed over a year ago and an assessment was conducted which concluded it was not repairable.

Project Justification

This project is to replace the existing ATS with a new unit.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$200,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$200,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$200
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$200

Capital Costs and Proposed Financing by Fiscal Year

2018	$200,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$200,000	

Financing Comments

30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-CI | Project #: WS1117 | Account #: 63-00 | CIP Classification: Infrastructure | District: WS-Outside City

Project Name: Computerized Maintenance Management System (CMMS) Implementation | FY Start 2018 Quarter Q4

Project Location: Dyal | FY End 2018 Quarter Q1

Project Description

This project will provide assistance to the City for the purchase and vendor implementation of a computer maintenance and management system (CMMS) package.

Project Justification

Provide CMMS support to populate the database and provide enhancements.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$200,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$200,000

Recurring Annual Costs

Operating	$6,000
Maintenance	$5,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$11,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$200,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$200,000	

Financing Comments

We estimate roughly $5,000/year in maintenance for programming assistance for the first two or three years.
Budgeted in account:
68-10 = 75,000
52-00 = 135,000

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-AI Project #: WS18DW Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: Drinking Water System E&IC Reliability and Automation Improvements FY Start 2018 Quarter Q4

Project Location: Various FY End 2022 Quarter Q1

Project Description

Evaluate, design, purchase, build, programming and startup for electrical and I&C improvements at various locations to provide better automation and improved reliability. Improvements may include: power monitoring, report enhancement, redundant instrumentation, automating manual systems, control wiring for final control element feedback, and adding actuators to allow remote operation.

Project Justification

To provide improvements that will better automation and improved reliability.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will improve reliability and better automation.

Total Cost of Project	Total Cost to Date
$1,250,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$250,000

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$250,000	Revenue
2019	$250,000	Revenue
2020	$250,000	Revenue
2021	$250,000	Revenue
2022	$250,000	Revenue
Total Capital Costs	$1,250,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-GC Project #: WS18DG Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: Dyal Groundwater Clearwell Transfer Pump Control System Upgrade FY Start 2018 Quarter Q4

Project Location: Dyal WTP FY End 2018 Quarter Q1

Project Description

Specificy equipment, procurement, installation and testing to upgrade the Dyal groundwater clearwell transfer pump control system.

Project Justification

The project has reached the end of its useful life.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$170,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$170,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$100
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$100

Capital Costs and Proposed Financing by Fiscal Year

2018	$170,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$170,000	

Financing Comments

Construction begins 10/17 ends 7/18
$100/year maintenance cost for SCADA "back-up"

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-RC Project #: WS18DP Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: Dyal Groundwater WTP Reactor Clarifier No. 1 Pipeline Replacement - Construction FY Start 2018 Quarter Q4

Project Location: Dyal WTP FY End 2018 Quarter Q2

Project Description

This project will replace the existing 48-inch pipe which is a single point of failure. The project improvements were developed based on assessment results.

Project Justification

The existing pipe is severely corroded and at risk of failure.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$330,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$330,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$330,000	Bond
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$330,000	

Financing Comments

Design being completed in FY17.

Construction to start 01/18 and will be completed in 07/18.

30 year or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-DG Project #: WS17LC Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: Dyal WTP Package System PLC Upgrade - Cal Flow FY Start 2018 Quarter Q3

Project Location: Dyal WTP FY End 2018 Quarter Q1

Project Description

Design, bid, and construct a complete PLC upgrade to the cal flow system PLCs. Current PLCs are past he product line end of life.

Project Justification

To replace existing aging infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$90,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$90,000

Recurring Annual Costs

Operating	$0
Maintenance	$100
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$100

Capital Costs and Proposed Financing by Fiscal Year

2018	$90,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$90,000	

Financing Comments

Start 12/17 end 03/18

Project budget in FY17 but not expended, therefore rebudget for FY18.

$100/year maintenance cost for SCADA "back-ups"

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-OZ | Project #: WS17FC | Account #: 63-00 | CIP Classification: Infrastructure | District: WS-Outside City

Project Name: Dyal WTP Package System Programmable Logic Controller Upgrade - Belt Filter Press | FY Start 2018 Quarter Q3

Project Location: Dyal WTP | FY End 2018 Quarter Q1

Project Description

Design, bid, and construct a complete PLC upgrade to the belt filter press system PLCs. Current PLCs have past the product line end of life.

Project Justification

To replace existing aging infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

This project will replace existing aging infrastructure.

Total Cost of Project	Total Cost to Date
$160,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$160,000

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$160,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$160,000	

Financing Comments

Start 11/17 end 04/18Project budget in FY17 but not expended, therefore rebudget for FY18.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-SU | Project #: WS18SC | Account #: 63-00 | CIP Classification: Infrastructure | District: WS-Outside City

Project Name: Dyal WTP SCADA server, OS and Server Software Upgrade | FY Start 2018 Quarter Q4

Project Location: Dyal WTP | FY End 2022 Quarter Q1

Project Description

Specify equipment, procurement, installation, and testing of the Dyal SCADA server OS and service software replacement and improve the lack of storage for GIS at Utilities and CCTV for WFO. Re-purpose existing servers into City use in other non-critical applications. Includes the use of a cluster server environment for mission critical SCADA servers.

Project Justification

This will replace three control critical productions servers and repurpose servers into the City to use in other non critical applications.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$340,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$170,000

Recurring Annual Costs

Operating	$0
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,000

Capital Costs and Proposed Financing by Fiscal Year

2018	$170,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$170,000	Revenue
Total Capital Costs	$340,000	

Financing Comments

Recurring 4 year life cycle.
Budgeted in accounts:
64-15 = $50,000
52-00 = $120,000
$1000/ year Maintenance cost for back up and Storage.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-WC Project #: Account #: 68-10 CIP Classification: Software District: WS-Outside City

Project Name: FY2020 SCADA Design Programming (Water Capital Project) FY Start 2020 Quarter Q4

Project Location: Dyal WTP FY End 2020 Quarter Q1

Project Description

this includes programming support for design projects that are in the construction phase of work.

Project Justification

To provide support for implementation of project instrumentation and controls into the City's SCADA network.

Strategic Connection: Strategic Plan/Utilities Master Plan

This project is necessary to implement project instrumentation and controls into the City's SCADA network.

Total Cost of Project	Total Cost to Date
$120,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$120,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$120,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-CA Project #: Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: FY2021 SCADA Design Programming (Water Capital Project) FY Start 2021 Quarter Q4

Project Location: Dyal WTP FY End 2021 Quarter Q1

Project Description

This includes programming support for design projects that are in the construction phase of work.

Project Justification

To provide support for implementation of project instrumentation and controls into the City's SCADA network.

Strategic Connection: Strategic Plan/Utilities Master Plan

This project is necessary to implement project instrumentation and controls into the City's SCADA network.

Total Cost of Project	Total Cost to Date
$60,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$60,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$60,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-SD Project #: Account #: 68-10 CIP Classification: Software District: WS-Outside City

Project Name: FY2022 SCADA Design Programming (Water Capital Project) FY Start 2022 Quarter Q4

Project Location: Dyal WTP FY End 2022 Quarter Q1

Project Description

this includes programming support for design projects that are in the construction phase of work.

Project Justification

To provide support for implementation of project instrumentation and controls into the City's SCADA network.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$120,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$120,000	Revenue
Total Capital Costs	$120,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-V6 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: Replacement of vehicle #03 (2008 Ford F250) FY Start 2018 Quarter Q4

Project Location: Dyal Water Treatment Plant FY End 2018 Quarter Q4

Project Description

Replacement of vehicle #03 (2008 Ford F250) Serial# 1FTNF21508EA79209

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$32,900	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$32,900

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$32,900	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$32,900	

Financing Comments

Replace date: 08/09/2018

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-V7 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: Replacement of vehicle #121 (2007 Ford F250 UTILITY) FY Start 2018 Quarter Q4

Project Location: Dyal Water Treatment Plant FY End 2018 Quarter Q4

Project Description

Replacement of vehicle #121 (2007 Ford F250 UTILITY) Serial# 1FTNF20578EA79208

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,500	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$34,500

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$34,500	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,500	

Financing Comments

Replace Date: 09/09/2018

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-V11 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: Replacement of vehicle #130 (2010 Ford F250 UTILITY) FY Start 2019 Quarter Q4

Project Location: Dyal Water Treatment Plant FY End 2019 Quarter Q4

Project Description

Replacement of vehicle #130 (2010 Ford F250 UTILITY) Serial# 1FTNF2A5XAEB36439

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,975	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$34,975	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,975	

Financing Comments

Replace Date: 08/08/2019

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-V10 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: Replacement of vehicle #23 (2009 Ford F250 UTILITY) FY Start 2019 Quarter Q3

Project Location: Dyal Water Treatment Plant FY End 2019 Quarter Q3

Project Description

Replacement of vehicle #23 (2009 Ford F250 UTILITY) Serial# 1FTNF20589EA32027

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,975	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$34,975	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,975	

Financing Comments

Replace Date: 06/09/2019

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-15-LN Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: Replacement of vehicle #47 (1996 Ford LNT8000) FY Start 2020 Quarter Q2

Project Location: Dyal WTP FY End 2020 Quarter Q2

Project Description

Replacement of vehicle #47 (1996 Ford LNT8000) Serial# 1FDYW82E1TVA27431

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$250,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$250,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$250,000	

Financing Comments

Replace Date: 01/30/2020

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-V8 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: Replacement of vehicle #78 (2004 Ford F250 UTILITY) FY Start 2018 Quarter Q4

Project Location: Dyal Water Treatment Plant FY End 2018 Quarter Q4

Project Description

Replacement of vehicle #78 (2004 Ford F250 UTILITY) Serial# 1FDNF20L94EB73420

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,500	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$34,500

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$34,500	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,500	

Financing Comments

Replace Date: 09/09/2018

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-17-V9 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: Replacement of vehicle #94 (2005 Ford F250 UTILITY) FY Start 2018 Quarter Q4

Project Location: Dyal Water Treatment Plant FY End 2018 Quarter Q4

Project Description

Replacement of vehicle #94 (2005 Ford F250 UTILITY) Serial# 1FTNF20505EC87460

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$34,500	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$34,500

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$34,500	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$34,500	

Financing Comments

Replace Date: 09/09/2018

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-16-WR Project #: WS1106 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: WS-19 Raw Water Well Rehabilitation FY Start 2018 Quarter Q4

Project Location: Wellfield FY End 2022 Quarter Q1

Project Description

This project is to assess the scope of well rehabilitation on a case by case basis and implement construction modifications to rehabilitate each well. Each well will be brought back to full discharge capacity and produce high raw water quality.

Project Justification

Cocoa currently has 48 raw water wells. Of the 48 wells, 34 wells are Floridian aquifer wells and are in need of rehabilitation. The wells are the very life blood of the utility system and the wells are critical to providing every potable water user the very water they drink. Many of the wells are over twenty years of age. The capacity of the wells has decreased over time due to casing leaks and other issues. The decrease in capacity also increases the wear on the pumps and requires more electrical power, thereby increasing the operational costs. Also, some of the wells have some water quality issues. The cost of rehabilitating the wells can extend the useful life by many years as opposed to drilling a new well.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will rehabilitate groundwater supply wells critical to the meeting water demands of Cocoa Utility customers

Total Cost of Project	Total Cost to Date
$2,838,979	$1,588,979

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$250,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$250,000	Revenue
2019	$250,000	Revenue
2020	$250,000	Revenue
2021	$250,000	Revenue
2022	$250,000	Revenue
Total Capital Costs	$1,250,000	

Financing Comments

Construction; start 10/17, end 9/22

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-16-FC Project #: WS18SW Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: WT-56 Dyal Surface Water Filters Canopy and Enclosure FY Start 2018 Quarter Q1

Project Location: Dyal WTP FY End 2019 Quarter Q1

Project Description

This project iincludes installing a canopy and screened enclosure around the surface water filters to meet FDEP requirements to maintain 4-log virus inactivation provided by the ozone system and filters.

Project Justification

This project is to ensure continued compliance with the FDEP regulatory requirements for FDEP 4-log virus inactivation.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project is required to meet FDEP regulations.

Total Cost of Project	Total Cost to Date
$450,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$39,000	$0	$379,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$500
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$500

Capital Costs and Proposed Financing by Fiscal Year

2018	$418,000	Bond
2019	$32,000	Bond
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$450,000	

Financing Comments

$39,000 Design; start 10/17, end 4/18

$411,000 Construction; start 7/18, end 12/18
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-16-DE Project #: WS18DE Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT-57 Dyal HSP #4 Tier 4 Diesel Engine Replacement FY Start 2018 Quarter Q2

Project Location: Dyal WTP FY End 2019 Quarter Q2

Project Description

This project includes replacement of the existing High Service Pump #4 diesel engine with an EPA Tier 4 diesel engine.

Project Justification

This project will bring the diesel engine up to current code.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project required to meet current code.

Total Cost of Project	Total Cost to Date
$970,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$98,000	$0	$0	$0

Recurring Annual Costs

Operating	$6,760
Maintenance	$2,964
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$9,724

Capital Costs and Proposed Financing by Fiscal Year

2018	$98,000	Bond
2019	$872,000	Bond
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$970,000	

Financing Comments

$98,000 Design;start 01/18, end 07/18

$872,000 Construction; start 10/18, end 02/19
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-DL Project #: Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT59 Dyal Dewatered Lime Sludge Storage Structure - Design and Construction FY Start 2019 Quarter Q4

Project Location: Dyal FY End 2019 Quarter Q1

Project Description

The project includes design and construction of a concrete slab with curb and tarp system. This is to store dewatered lime sludge, long term storage until the sludge can be removed from the plant site. The area with tarp system will protect the sludge from rain and contamination from invasive weeds.

Project Justification

The project will provide long term storage for the dewatered sludge.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$290,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$290,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$290,000	

Financing Comments

30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-LS Project #: WS18CB Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT69 Dyal Groundwater WTP Chemical Building New Lime Silo Stairway - Construction FY Start 2021 Quarter Q4

Project Location: Dyal WTP FY End 2022 Quarter Q2

Project Description

The project includes a new stairway system to replace the existing ladder access system.

Project Justification

Existing system represents safety hazard.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$420,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$420,000	Revenue
Total Capital Costs	$420,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-DB Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: WT70 Dyal WTP Surface Water Dewatering Building - Polymer System Upgrade-Construction FY Start 2022 Quarter Q4

Project Location: Dyal WTP FY End 2022 Quarter Q2

Project Description

This project includes the update of the SWTP polymer feed system and associated controls. The scope also includes installation of a non-skid floor coating in the polymer room, replacement of failed fans in the first and second floor HVAC systems, replacement of the angle iron stair landing supports due to corrosion, and a control panel for the polymer system upstairs in the belt filter press room.

Project Justification

The new liquid polymer system is to replace a dry product bagged system with liquid system. This will improve safety in the polymer room with non slip flooring. The project includes the update of HVAC system that has reached it's usual life and structural improvements as identified in recent corrosion study at the facility.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$160,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$160,000	Revenue
Total Capital Costs	$160,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-DF Project #: WS18CP Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT71 Dyal Groundwater WTP Chemical Building - Two Disc Flow Pumps for Lime Feed System - Const. FY Start 2018 Quarter Q4

Project Location: Dyal WTP FY End 2018 Quarter Q1

Project Description

This project includes installation of the third and fourth Disc Flow Pumps for the Lime Feed System including control wiring, speed, run/start/HOA/feedback.

Project Justification

There are two existing lime feed pumps to serve three softening basins. One pump is needed for each basin plus a unit for standby. A total of four pumps is needed.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$300,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$300,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$200
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$200

Capital Costs and Proposed Financing by Fiscal Year

2018	$300,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$300,000	

Financing Comments

Construction to begin 12/17 will end 9/18
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-PS Project #: WS18UP Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT72 Dyal WTP server Uninterrupted Power Supply (UPS) Upgrade FY Start 2018 Quarter Q3

Project Location: Dyal WTP FY End 2018 Quarter Q2

Project Description

This project includes sppecifying equipment, and the procurement, installation, and testing of the Dyal server UPS. This is to replace the UPS system with an upsized and more efficient system.

Project Justification

To replace the existing aging UPS system to make it more efficient and update the technology.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$50,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$50,000

Recurring Annual Costs

Operating	$0
Maintenance	$1,500
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$1,500

Capital Costs and Proposed Financing by Fiscal Year

2018	$50,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$50,000	

Financing Comments

start 1/18, end 4/18

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4020

CIP #: CP-WS-18-PC Project #: Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT73 Dyal High Service Pump Control System Upgrade FY Start 2022 Quarter Q4

Project Location: Dyal WTP FY End 2022 Quarter Q1

Project Description

This project includes redesigning the control panel wiring to create new local PCP PLC panel for increased reliability for the High Service Pumps.

Project Justification

The project will increase reliability for the high service pumps.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$140,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$140,000	Revenue
Total Capital Costs	$140,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4025

CIP #: CP-WS-17-V17 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #15 (2009 Ford F250 UTILITY) FY Start 2020 Quarter Q3

Project Location: Field Operations - Water FY End 2020 Quarter Q3

Project Description

Replacement of vehicle #15 (2009 Ford F250 UTILITY) Serial# 1FTNF205X9EA32028

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$38,100	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$38,100	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$38,100	

Financing Comments

Replace date: 04/09/2020

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4025

CIP #: CP-WS-15-71 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #171 (2001 Ford F450 Dump) FY Start 2018 Quarter Q4

Project Location: Field Operations - Water FY End 2018 Quarter Q4

Project Description

Replacement of vehicle #171 (2001 Ford F450 Dump) Serial# 1FDXF46F61EB81735

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$49,241	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$49,241

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$49,241	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$49,241	

Financing Comments

Replace Date: 09/06/2017-FY17City
requested replacement date: 09/06/2018-FY18

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4025

CIP #: CP-WS-16-V6 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #174 (2009 Ford F250 Utility) FY Start 2020 Quarter Q4

Project Location: Field Operations - Water FY End 2020 Quarter Q4

Project Description

Replacement of vehicle #174 (2009 Ford F250 Utility) Serial# 1FTNF20519EA32029

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$38,100	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$38,100	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$38,100	

Financing Comments

Replace Date: 08/09/2020

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4025

CIP #: CP-WS-15-29 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #29 (2002 Ford F450 Dump) FY Start 2020 Quarter Q1

Project Location: Field Operations - Water FY End 2020 Quarter Q1

Project Description

Replacement of vehicle #29 (2002 Ford F450 Dump) Serial# 1FDXF46FX2EB83229

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$70,900	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$70,900	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$70,900	

Financing Comments

Replace Date: 11/09/2019

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4025

CIP #: CP-WS-15-32 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #32 (2002 Ford F450 Dump) FY Start 2020 Quarter Q4

Project Location: Field Operations - Water FY End 2020 Quarter Q4

Project Description

Replacement of vehicle #32 (2002 Ford F450 Dump) Serial# 1FDXF46F62EB83230

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$71,900	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$71,900	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$71,900	

Financing Comments

Replace Date: 07/09/2020

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4025

CIP #: CP-WS-18-V1 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #79 (2002 Ford F450 Utility) FY Start 2018 Quarter Q1

Project Location: Field Operations - Water FY End 2018 Quarter Q1

Project Description

Replacement of vehicle #79 (2002 Ford F450 Utility) Serial# 1FDXF46F82EB83228

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$53,939	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$53,939

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$53,939	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$53,939	

Financing Comments

Replace Date: 10/06/2017 - FY17City
requested replacement date: 10/06/2018-FY18

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4025

CIP #: CP-WS-15-92 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #92 (2008 Ford F350 Utility) FY Start 2019 Quarter Q3

Project Location: Field Operations - Water FY End 2019 Quarter Q3

Project Description

Replacement of vehicle #92 (2008 Ford F350 Utility) Serial# 1FDWF36538EA18192

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$76,900	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$76,900	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$76,900	

Financing Comments

Replace Date: 06/29/2019

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-17-WP Project #: WS0501 Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: 14"/18" AC Raw Water Pipeline Upgrade and Well 17 Area Isolation Valves - Phase I Construction FY Start 2018 Quarter Q4

Project Location: Wellfield FY End 2019 Quarter Q2

Project Description

Replacement of existing 14"& 18" AC Raw Water pipeline from Well 17 to Approx. Well 15, which has a history of pipe failures, with new 16" PVC pipe along the same alignment. Installation of in-line isolation valves on existing 36" pipeline adjacent to new redundant line.

Project Justification

This project will replace existing aging infrastructureand increase reliability in the wellfield.

Strategic Connection: Strategic Plan/Utilities Master Plan

This project will replace existing aging infrastructure.

Total Cost of Project	Total Cost to Date
$2,445,000	$25,000

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$2,420,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$2,420,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$2,420,000	

Financing Comments

Design being done in house by the City in FY17 ($25,000 for survey and geotech). Starting 5/17Construction $2,420,000 in FY18 starting 02/18 ending 09/18
30 Year or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-17-CP | Project #: WS1210 | Account #: 68-10 | CIP Classification: Infrastructure | District: City

Project Name: Capital Plan Update

FY Start 2018 Quarter Q4

Project Location: Cocoa

FY End 2018 Quarter Q1

Project Description

Updating the City's Water FY19-FY40 Capital Plan based on the conditions and prioritization of the City's infrastructure annually for a five year period.

Project Justification

The City's infrastructure is continually aging and should be monitored to reprioritize the City's projects annually. This analysis will allow the Capital Plan to be updated according to the changing conditions of the system. The Capital Plan was completed in 2014 and will have a comprehensive update at a 5-year interval.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project updates to the Wastewater and Reclaimed Water Capital Improvement Plan.

Total Cost of Project	Total Cost to Date
$500,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$500,000

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$500,000	Reserves
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$500,000	

Financing Comments

Per the City, the Capital Plan Update will be encumbered in FY17. It is estimated that Carry forward for FY18 will be $500,000 (reserves).

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-14-39 Project #: WS18MI Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: DS-39 Merritt Island In-line Booster Pump Station FY Start 2018 Quarter Q4

Project Location: Merritt Island FY End 2019 Quarter Q2

Project Description

Installation of an in-line booster pump station with variable frequency drives (VFDs). Includes SCADA Design programming for PLC and HMI systems to support the project. This project is a cost effective alternative to the Pineda Causeway river crossing pipeline. (Reference: Water Capital Plan Project DS39-Alt)

Project Justification

This project will improve fire flow service in the area, and improve the efficiency of the distribution system in the area. This project was identified under the technical evaluations under the Water System Capital Plan project. See Water Distribution Infrastructure Improvements TM and Risk Reduction of Assets TM for more details. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the Water System Capital Plan project; see Project Prioritization TM for more details.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will improve efficiency and fire flows.

Total Cost of Project	Total Cost to Date
$1,440,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$150,000	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$150,000	Bond
2019	$1,290,000	Bond
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY

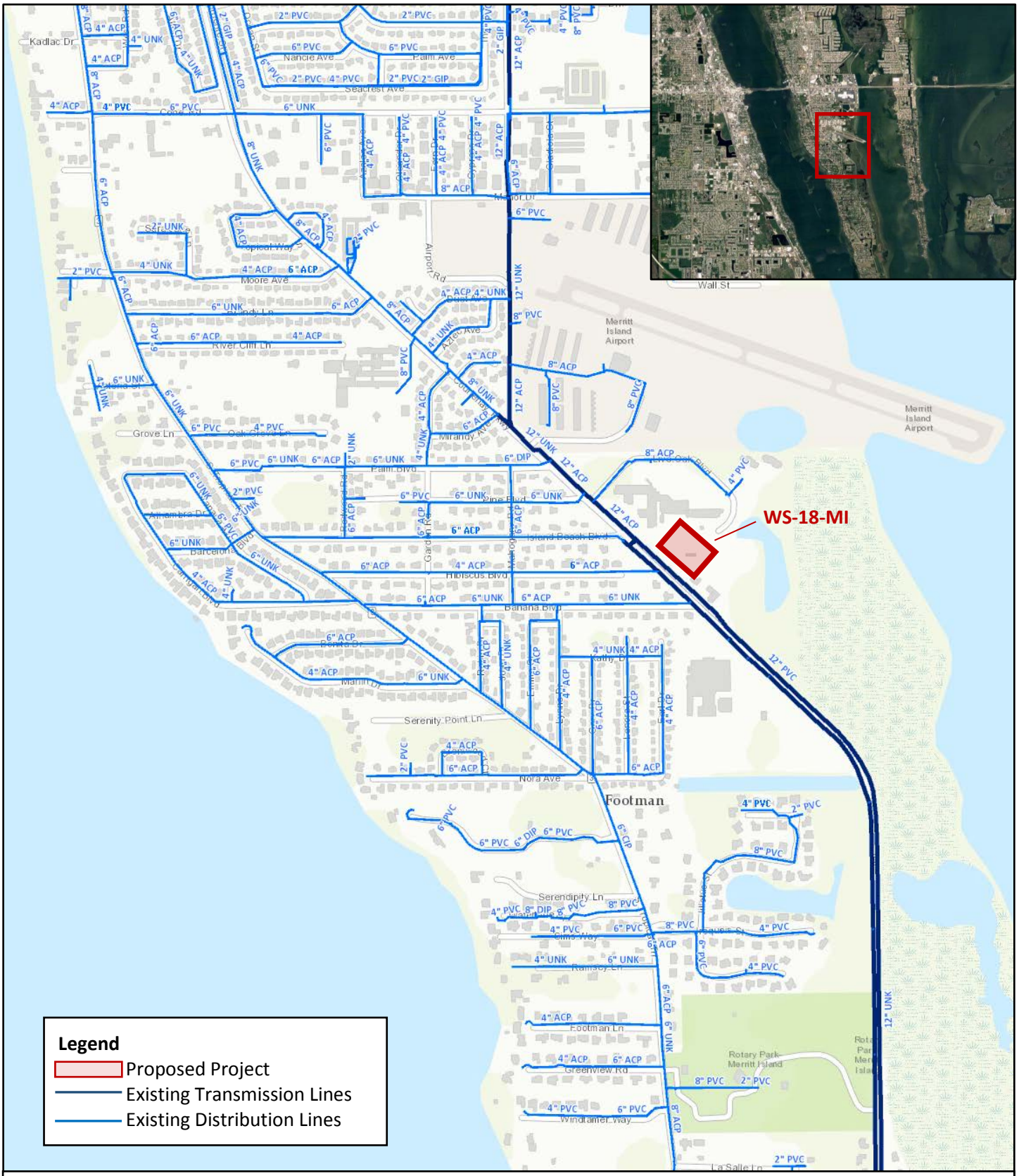
Financing Comments

$150,000 Design; start 02/18, end 08/18
$1,290,000 Construction; strt 11/18, end 08/19
30 Years or greater useful life
Following construction, operating & maintenance cost are estimated at roughly $18,000/year.

Total Capital Costs $1,440,000

CIE_Designation ☐

WS-18-MI – DS39 Merritt Island In-Line Booster Pump



City of Cocoa
FY 18-22 Water Distribution System
CIP Projects

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-FL Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: DS40 Ivy Dr. and Fenner Rd. Looping FY Start 2022 Quarter Q4

Project Location: City FY End 2022 Quarter Q2

Project Description

Installation of two looping 8-inch pipe segments at Gray Rd. and Fenner Rd. and Ivy Dr. 7 Range Rd. N (466 LF and 1474 LF respectively), and two looping 6-inch pipe segments at Sunhome St. and Kimberly St. and Sunhome St. and Clear Lake Rd. (275 LF and 641 LF respectively).

Project Justification

The project will help improve efficiency to the system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$610,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$610,000	Revenue
Total Capital Costs	$610,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-PB Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: DS43 Pluckebaum Rd and A Ln Looping FY Start 2022 Quarter Q4

Project Location: City FY End 2022 Quarter Q1

Project Description

this project includes installation of a looping 8-inch pipe segment at Pluckebaum Rd. and Clearlake Rd. (3,366 LF), and a looping 6-inch pipe segment at Robeson Rd. and A Ln. (798 LF).

Project Justification

The project will help improve efficiency to the system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$880,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$880,000	Revenue
Total Capital Costs	$880,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-BR Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: DS55 Banana River Drive Canal Crossing FY Start 2022 Quarter Q3

Project Location: City FY End 2022 Quarter Q2

Project Description

This project will replace 200 feet of 12-inch ductile iron pipe at the canal crossing between Central and Bayside Streets on Banana River Drive.

Project Justification

Project will replace aging infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$200,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$200,000	Revenue
Total Capital Costs	$200,000	

Financing Comments

CIE_Designation ☐

WS-17-BR – Banana River Tank Improvements



CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-17-BR Project #: WS18BR Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: DS-56 Banana River Tank Improvements FY Start 2018 Quarter Q3

Project Location: Merritt Island FY End 2020 Quarter Q3

Project Description

This project will replace two existing 2MG tanks in kind.

Project Justification

Improvements of the ammonia feed system are required for improvements of water quality in the distribution system. The existing tanks at Banana River are past their useful service life and are in need of replacement.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure (tanks) and improve water quality.

Total Cost of Project	Total Cost to Date
$4,332,136	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$370,000	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$370,000	Bond
2019	$1,169,634	Bond
2020	$2,792,502	Bond
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$4,332,136	

Financing Comments

$370,000 Design start 6/18 end 12/18 (Bond)

$3,962,136 Construction; start 4/19, end 4/20 (Bond)
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-16-PS | Project #: DSCO | Account #: 63-00 | CIP Classification: Infrastructure | District: City

Project Name: DS-60 Banana River and Viera Pump Station Chloramination Improvements | FY Start 2020 Quarter Q4

Project Location: Merritt Island | FY End 2020 Quarter Q1

Project Description

The design and construction of the project will change the existing chlorination system to chloramination system at Viera and Banana River Pump Stations. New systems will include 500 gallon tanks, spill containment, chemical injection system, chemical feed pumps, Chemscan system, precast concrete building, and miscellaneous piping and valves.

Project Justification

Improvements of the existing ystem are required for improvements of water quality in the distribution system.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure (tanks) and improve water quality.

Total Cost of Project	Total Cost to Date
$1,180,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$87,616	Revenue
2021	$1,092,384	Revenue
2022	$0	$0 this FY
Total Capital Costs	$1,180,000	

Financing Comments

$87,616 Design; start 10/19, end 6/20

$1,092,384 Construction; start 10/20, end 10/21

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-PL Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: DS62 Imperial to Central Pipe Loop/Brown Circle FY Start 2022 Quarter Q4

Project Location: City FY End 2022 Quarter Q1

Project Description

The City of Cocoa Utilities will provide two loops from Imperial to Central along Astronaut and Imperial to Astronaut. The project is intended to provide looping in order to maintain water to customers in the event of a break along Brown or Imperial.

Project Justification

Improvements of the existing system are required for improvements of water quality in the distribution system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$310,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$310,000	Revenue
Total Capital Costs	$310,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-16-MM Project #: WS16MM Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: DS-63 Marlin Manor Pipeline Improvements - Construction FY Start 2018 Quarter Q3

Project Location: Rockledge FY End 2018 Quarter Q1

Project Description

This project will replace 7,500 feet of 4" and 6" AC pipe with 6" PVC piping in the Marlin Manor neighborhood due to history of catastrophic pipe failures and broken valves.

Project Justification

Replacement of aging pipe due to catastrophic AC pipe failures in this neighborhood.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$2,401,349	$301,349

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$2,100,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

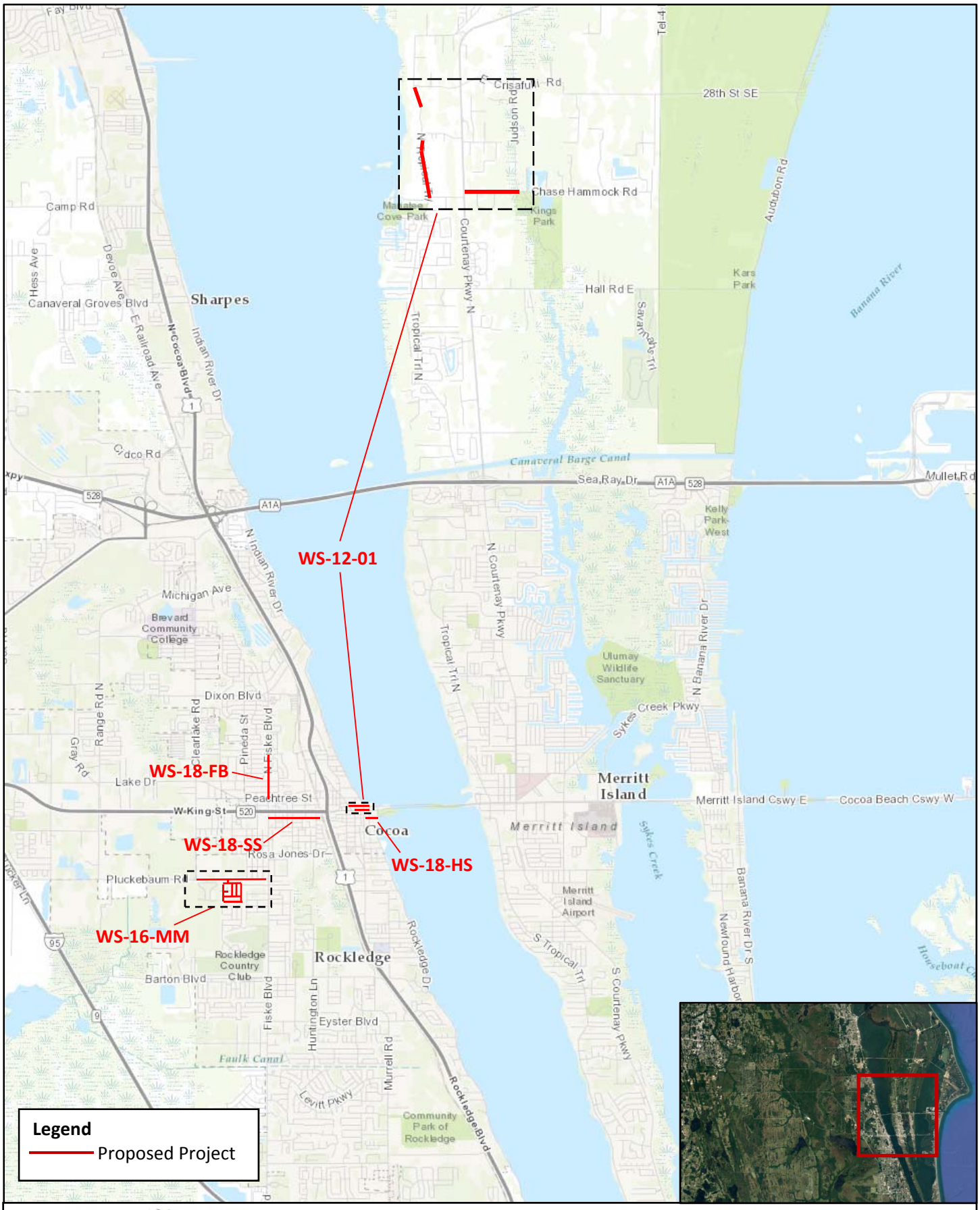
Capital Costs and Proposed Financing by Fiscal Year

2018	$2,100,000	Bond
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$2,100,000	

Financing Comments

The City would like construction in FY18.
$2,100,000 Construction; start 10/17, end 4/18
30 years or greater useful life

CIE_Designation ☐



City of Cocoa
FY 18-22 Water Distribution System
CIP Projects

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-12-DP Project #: WS1404 Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: Dyal Chemical Conversion & Reliability Improvement Project - Construction FY Start 2018 Quarter Q2

Project Location: Dyal Plant FY End 2020 Quarter Q4

Project Description

This project includes chemical system upgrades, a redundant finished flow system and new pump station at the dyal Plant. Replacement of two existing back up power generators with same sized generators at the Dyal WTP. Location will be in a new building; Conversion to NaOCL and Liq NH3; (Reference: 2013 Water Capital Plan Project WT50 Emergency Generator Replacement; WT09 Conversion to NaOCl and Liq NH3; WT25 Redundant Finished Flow Pipe and Pit; New Pump Station). Includes SCADA Design programming for PLC and HMI systems to support the project.

Project Justification

This project was identified under the technical evaluations under the Water System Capital Plan project. See Water Treatment, Storage and High Service Pumping Evaluation TM and Risk Reduction of Assets TM for more details. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the Water System Capital Plan project; see Project Prioritization TM for more details. The project will bring the backup power system up to current code. This project was identified under the technical evaluations under the 2013 Water System Capital Plan Update project. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the 2013 Water System Capital Plan Update project; see Project Prioritization TM for more details about the scoring process.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will increase reliability and operational flexibility.

Total Cost of Project	Total Cost to Date
$21,831,954	$175,478

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$4,456,476	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$4,456,476	Bond
2019	$13,902,001	Bond
2020	$3,297,999	Bond
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$21,656,476	

Financing Comments

Design to be encumbered in FY17 - $2.8 M
Design carry forward FY17 - $1.8M (Reserves)
Construction Total; start 8/18, end 1/20
(Bond) $20,000,000. (FY18 $2.8M with estimated carryforward of $1.8M)
30 year or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-17-WE Project #: WS18WF Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: Fiber Optic Cable from Dyal WTP to Wewa WTP FY Start 2018 Quarter Q4

Project Location: Wellfield FY End 2018 Quarter Q1

Project Description

Design, bid, and contract for a new installation of fiber optic cable from the Dyal WTP control room FOPP to the Wewa WTP FOPP to support communications between the two facilities.

Project Justification

To create a hardline fiber optic connection from Dyal to the Wewahootee. This will improve data reliabilitly and data speed and support communications between water treatment infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

This project will support communication between water treatment plants.

Total Cost of Project	Total Cost to Date
$1,150,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$1,150,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$1,150,000	Bond
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$1,150,000	

Financing Comments

City requested funding in FY18.$1,150,000; start 10/17, end 9/18

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-17-FO Project #: WS17FO Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: Fiber Optic Cable from Police Department to Dyal WTP FY Start 2018 Quarter Q4

Project Location: SR 520 FY End 2018 Quarter Q1

Project Description

Design, bid and contract for a new installation of fiber Optic Cable from Police Department to Dyal WTP

Project Justification

To create a hardline fiber optic connection from Dyal to the City network. This will improve data reliabilitly and data speed and support communications between water treatment infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

This project will improve communication between City departments.

Total Cost of Project	Total Cost to Date
$690,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$690,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$690,000	Bond
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$690,000	

Financing Comments

City to encumber in FY17. No funding in FY18.Project not done in FY17.City requested funding in FY18FY18 $690,000; start 10/17, end 9/18

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-FB Project #: WS18FB Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Fiske Boulevard Pipeline Improvements - Peachtree to Highland FY Start 2018 Quarter Q4

Project Location: Cocoa FY End 2018 Quarter Q1

Project Description

The project includes the replacement of 8" AC pipe along Fiske Blvd., between Mitchell and Park with 8" PVC pipe and move the pipeline out of the roadway; Replacement of 6" Cast Iron Pipe along Fiske Blvd., between Fern and Peachtree with 6" PVC and move the pipeline out of the roadway; Replacing all hydrants, install new service lines, move all valves out of the intersection and install new cross connection control devices within the project area.

Project Justification

The pipeline improvements will be completed as part of the Public Works road work improvements planned on Fiske Blvd.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$1,000,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$1,000,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$1,000,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$1,000,000	

Financing Comments

City requested construction in FY18. Construction to start 10/17 and be completed 9/18.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-UT-18-HS Project #: WS18HS Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Harrison Street Streetscape (Utility portion) FY Start 2019 Quarter Q4

Project Location: Cocoa Village FY End 2019 Quarter Q1

Project Description

Project to include improve drainage, provide bus parking, improve sidewalks, lighting, as well as landscaping and striping

Project Justification

Harrison Street is a mixed use area with commercial businesses on one side and Riverfront Park on the other. These inprovements will improve the overall appearance of this area.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$98,720	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$98,720	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$98,720	

Financing Comments

The Capital Cost is the portion being funded by the Cocoa CRA TIF.
Split between the Utility Fund, Stormwater Fund and the Cocoa CRA (110) Fund

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-MA Project #: WS17MI Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Michigan Avenue Force Main (Carry Forward) FY Start 2018 Quarter Q4

Project Location: Michigan Avenue FY End 2018 Quarter Q1

Project Description

Installation of 3000 linear feet of sewer force main along Michian Avenue.

Project Justification

This project provides for redundancy and future growth in the sewer system.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$740,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$40,000	$0	$700,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

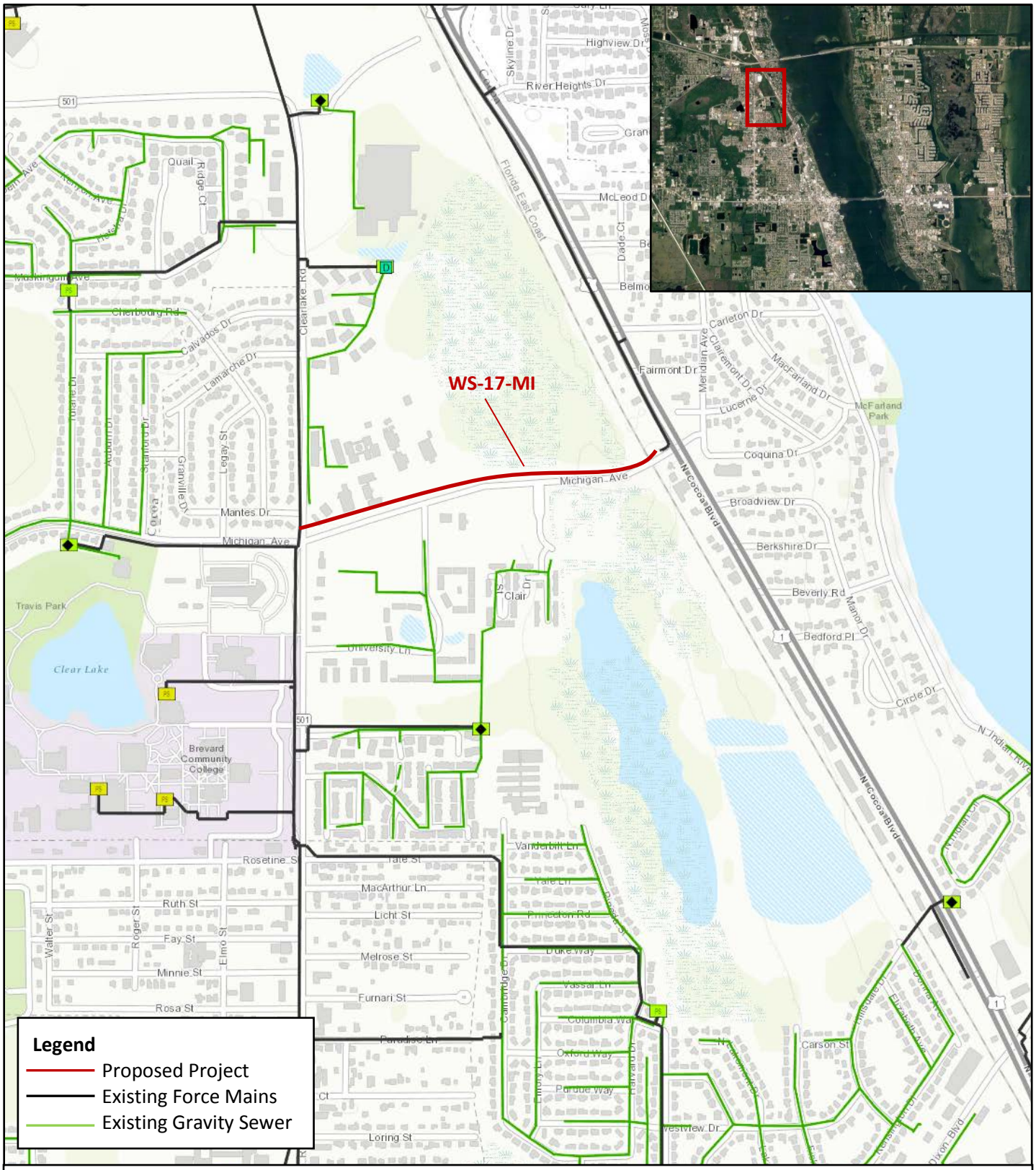
2018	$740,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$740,000	

Financing Comments

Design Carry Forward $40,000. $700,000 for construction.
30 years or greater useful life

CIE_Designation ☐

WS-17-MI – Michigan Avenue Force Main Extension (US 1 to Clearlake Road)



City of Cocoa
FY 18-22 Water Distribution System
CIP Projects

0 300 600ft

N

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-SS Project #: WS18SS Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Stone Street Corridor Streetscaping (Utility portion) FY Start 2018 Quarter Q2

Project Location: Fiske Boulevard to the western side of the F.E.C. Railroad. FY End 2019 Quarter Q1

Project Description

Streetscaping of Stone Street Commercial Corridor. Design and Engineering in FY 2017 and construction could begin in Q4 of FY 2017

Project Justification

This project will redevelop this culturally significant commercial corridor

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$659,356	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$659,356	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$659,356	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$659,356	

Financing Comments

A combination of TIF and other funding sources will be used for this project.
This project is split between the General Fund, Utility Fund and Stormwater Fund.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-13-PM Project #: WS1221 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Utilities Program Management FY Start 2018 Quarter Q4

Project Location: Cocoa Utilities FY End 2022 Quarter Q1

Project Description

The purpose of this project is to provide program management services, including program management/administration, design management, construction project support, asset management and public involvement services in support of funded Cocoa Utilities Capital Improvement Plan (CIP) program projects to be funded under the 2010 series bond and a future bond issue anticipated for the first quarter of 2017. Program Management services for projects funded by operating revenues will be funded separately, out of 2017 and 2018 operating revenue budgets.

Project Justification

In the Fall of 2011, the City of Cocoa initiated a program management approach for its Utilities CIP. This approach, while coupled with the Water Capital Plan (authorized in January 2012), enables a risk-based asset management approach for evaluating and prioritizing capital improvement projects to maximize the benefit to the City of Cocoa's rate payers and citizens. The Program approach allows a large volume of projects to be efficiently managed and implemented (including planning, design, bidding and construction), provides transparent financial management, and enables technical experts to be brought in as needed for short periods of time, all while generating new job opportunities for the local businesses and residents and improving Cocoa's level of service to its customers.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$13,026,092	$6,826,092

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$1,500,000	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$1,500,000	Revenue
2019	$1,400,000	Revenue
2020	$1,200,000	Revenue
2021	$1,100,000	Revenue
2022	$1,000,000	Revenue
Total Capital Costs	$6,200,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-TS | Project #: WS1210 | Account #: 68-10 | CIP Classification: Software | District: City

Project Name: Wastewater Capital Plan | FY Start 2018 Quarter Q4

Project Location: Jerry Sellers WRF and Collection / Transmission System | FY End 2022 Quarter Q1

Project Description

Wastewater Capital Plan.

Project Justification

The Wastewater Capital Plan is updated annually to identify projects that need to be completed over the next 5 years for the Wastewater System. The plan requires a major update every 5 years.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$420,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$30,000	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$30,000	Revenue
2019	$300,000	Revenue
2020	$30,000	Revenue
2021	$30,000	Revenue
2022	$30,000	Revenue
Total Capital Costs	$420,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-14-03 Project #: WS0501 Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WS-03 Pigging and Flushing Improvements for Raw Water Pipelines FY Start 2022 Quarter Q4

Project Location: State Hwy 520 and Wewahootee Plant Road FY End 2022 Quarter Q1

Project Description

Design and construct pipeline improvements to allow for improved capabilities to pig and flush the raw water pipelines between Wewahootee and Dyal Plants. The project will also include changing out butterfly valves to gate valves. The project includes pigging and flushing of 36-inch pre-stressed concrete cylinder pipe (PCCP) and 42-inch reinforced concrete pipe (RCP) raw water pipelines. (Reference: 2013 Water Capital Plan Project WS-03)

Project Justification

Pigging and flushing are maintenance activities to clear debris that has built up in the raw water pipelines over time. This project is intended to improve the water supply system level of service and reliability as a part of the Utility's ongoing capital improvement program. Improved pigging and flushing of raw water pipelines will increase the hydraulic capacity of the lines. This project was identified under the technical evaluations under the Water System Capital Plan project. See Supply System Evaluation TM and Risk Reduction of Assets TM for more details. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the Water System Capital Plan project; see Project Prioritization TM for more details.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will increase reliability and improve water quality.

Total Cost of Project	Total Cost to Date
$240,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

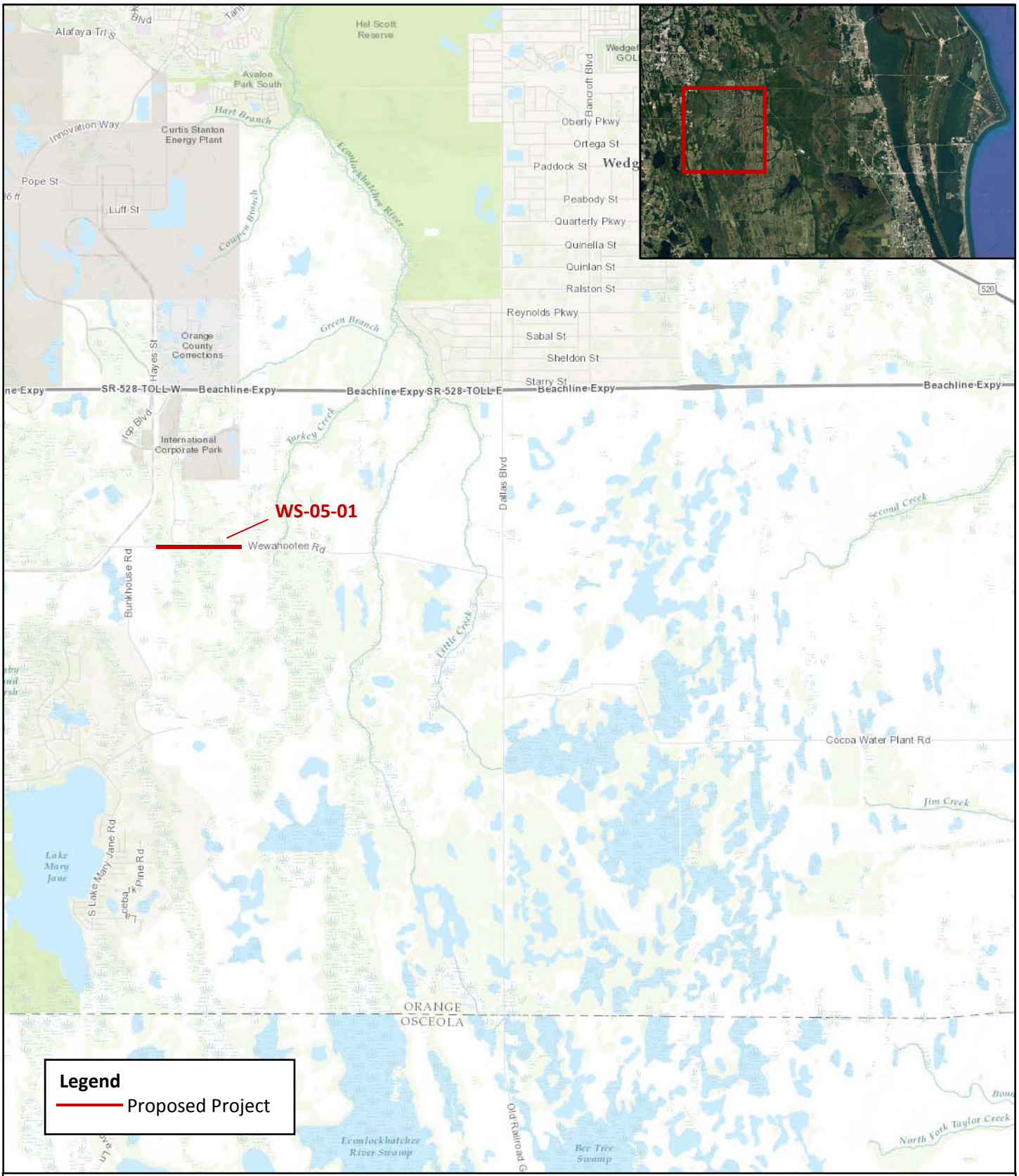
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$240,000	Revenue
Total Capital Costs	$240,000	

Financing Comments

$240,000 Design; start 10/21, end 6/22
Construction $2,290,000; start 8/22, end 7/23
Total $2,530,000

CIE_Designation ☐

WS-05-01 – 14”/18” AC Raw Water Pipeline Upgrade



City of Cocoa
FY 18-22 Water Distribution System
CIP Projects

0 0.5 1mi

N

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-14-05 Project #: WS-05 Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WS-05 54 inch Redundant Pipe to Dyal FY Start 2021 Quarter Q3

Project Location: State Hwy 520 near Dyal WTP FY End 2022 Quarter Q1

Project Description

This projec includes installation of 2,950 LF of 54-inch redundant raw water pipeline which would run parallel to the existing 54-inch line. New 54-inch raw water line would terminate at the 48-inch clarifier influent line within the Dyal WTP. (Reference: 2013 Water Capital Plan Project WS-05)

Project Justification

The new redundant raw water pipe would provide greater flexibility by allowing the utility to take one line out of service for maintenance. The existing 54-inch raw water pipe represents a single point of failure for the raw groundwater source and if it were to fail, it would result in a significant impact on water production. This project was identified under the technical evaluations under the Water System Capital Plan project. See Supply System Evaluation TM and Risk Reduction of Assets TM for more details. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the Water System Capital Plan project; see Project Prioritization TM for more details.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will improve reliability and maintenance of raw water supply system.

Total Cost of Project	Total Cost to Date
$3,420,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$1,100,955	Revenue
2022	$2,319,045	Revenue
Total Capital Costs	$3,420,000	

Financing Comments

$290,000 Design; start 10/20, end 4/21

$3,130,000 Construction; start 7/21, end 5/22 (Bond) Total Project Cost $3,420,000

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-05-01 Project #: WS0501 Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WS-09 42 inch New Pipeline West of Well 7A to Dallas Wewa FY Start 2020 Quarter Q3

Project Location: Well field FY End 2022 Quarter Q1

Project Description

In East Orange County, the City of Cocoa has 48 raw water wells that deliver water to the Dyal plant for advanced treatment and distribution to customers. As the well field has expanded over the years, the raw water mains have been required to deliver greater quantities of water. The current pipes limit the available flow due to pressure losses and headloss. This project includes the installation of 14,300 LF of large diameter piping downstream of Well 13A continuing along Dallas Rd to the existing 42-inch water supply pipe near the intersection at Dallas Rd and Cocoa Water Plant Rd. Another segment includes approximately 700 feet of large diameter pipe near Well 17. This project will also eliminate the 14-inch asbestos cement (AC) piping. (Reference: 2013 Water Capital Plan Project WS-09)

Project Justification

The projects are intended to improve the water supply system level of service and reliability of the raw water piping. Redundant piping creates flexibility in the system, and reduces O&M costs by alleviating hydraulic constriction which makes pumping more efficient. The project also eliminates some inferior pipe material (AC). This project was identified under the technical evaluations under the Water System Capital Plan project. See Supply System Evaluation TM and Risk Reduction of Assets TM for more details. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the Water System Capital Plan project; see Project Prioritization TM for more details.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$8,296,169	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$99,892	Revenue
2021	$5,428,703	Revenue
2022	$2,767,574	Revenue
Total Capital Costs	$8,296,169	

Financing Comments

$99,892 Design; start 10/19, end 2/20

$8,196,277 Construction; start 10/20, end 4/22

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-RP Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: WS11 Redundant Pipeline Well 20 to 23 - Design FY Start 2022 Quarter Q4

Project Location: Wellfield FY End 2022 Quarter Q3

Project Description

This project includes installation of approximately 8,300 LF of 24 and 30-inch redundant piping starting at Well 20 and terminating at well 23.

Project Justification

The project will provide redundancy in the system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$390,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$390,000	Revenue
Total Capital Costs	$390,000	

Financing Comments

Design in FY2022 $390,000

Construction in FY2023 $4,200,000

30 years of greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-12-PL Project #: WS1201 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: WS1201 Pipe Infrastructure Assessment and Replacement FY Start 2018 Quarter Q4

Project Location: Utility Service Area FY End 2022 Quarter Q1

Project Description

FY 18 construction projects: DS-31 Chase Hammock Rd Looping - Installation of approximately 5,800 LF of 6" and 8" PVC near the intersections of Chase Hammock Rd. & Judson Rd. and Royal Paddock Way & Stone Lake Dr., and along Forever Young Ln. AND SR-520 Water Distribution System Improvements- Replacement of existing 6" and 8" water mains and associated valves and fire hydrants along King and Willard Streets (State Road 520 eastbound and westbound), from Delannoy Street to Forrest Avenue, in the City of Cocoa. Portions of the approximately 2,500 linear foot alignment will be upsize from 6" to 8". FY 19-FY22:The current utility system consists of approximately 1400 miles of pipe infrastructure of various sizes, ages and materials. As the infrastructure ages, it must be replaced over time. This capital project consists of an assessment program to determine the most critical pipe infrastructure, program management to implement the projects as well as design, permitting and construction to replace aging pipe. This project will consist of engineering, construction, permitting and inspection services.

Project Justification

A systematic approach to plan and predict the replacement of pipe needs to be implemented. The Cocoa Utility pipe system is valued at $900,000,000 per the CH2MHill Asset Assessment report dated January 2010. Assuming a conservative life cycle of 100 years for pipe, the city should be replacing approximately 12 miles of pipe per year in perpetuity.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will assist to determine condition of pipe infrastructure and replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$23,608,964	$7,270,824

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$2,770,786	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

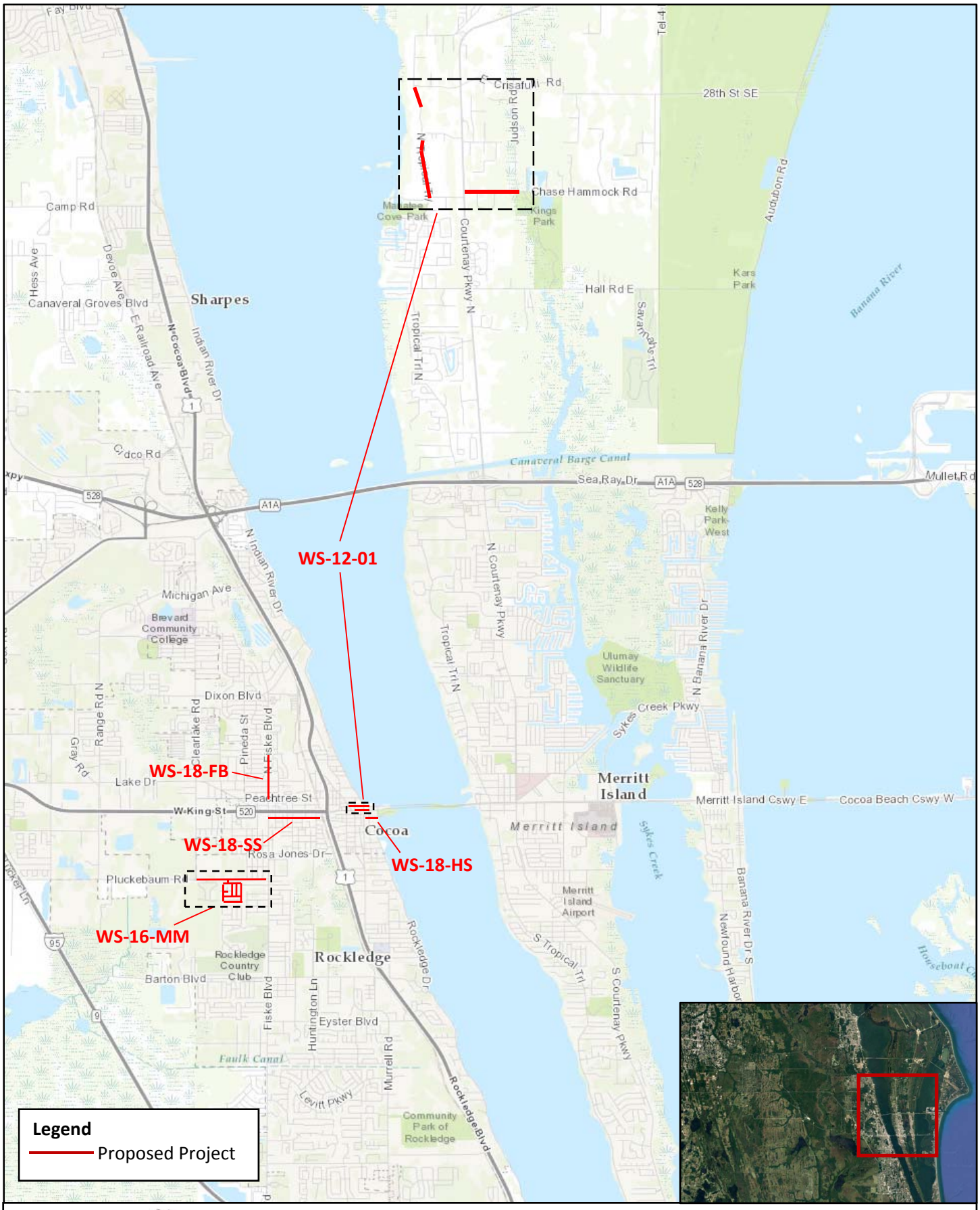
Capital Costs and Proposed Financing by Fiscal Year

2018	$2,770,786	Bond
2019	$2,142,744	Bond
2020	$3,000,000	Bond
2021	$3,424,610	Revenue
2022	$5,000,000	Revenue
Total Capital Costs	$16,338,140	

Financing Comments

FY18 Construction Projects:
Chase Hammock Construction: $960,000 start 10/17 end
SR 520 Construction: $1,501,274 Construction; start 1/18, end 09/18
30 years or greater useful life

CIE_Designation ☐



City of Cocoa
FY 18-22 Water Distribution System
CIP Projects

0 0.5 1mi

N

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-NW Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: WS20 Install New Well No. 17 FY Start 2019 Quarter Q4

Project Location: Wellfield FY End 2019 Quarter Q1

Project Description

this project includes construction of new Well No. 17. This includes well site location, permitting and construction of new well.

Project Justification

The project will provide improvements to the system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$820,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$820,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$820,000	

Financing Comments

30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-SI Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: WS22 Wellfield Security Improvements FY Start 2022 Quarter Q4

Project Location: Wellfield FY End 2022 Quarter Q1

Project Description

Security Improvement Recommendations: Work includes the increased security on western wells (well 15-25), including 8-foot fencing with barbwire, locks, 1-inch mesh, video (with real time video), lighting or infrared, motion sensors. There is no fiber/band width. New fiber network will be required. Existing telemetry can be used as a backup. Refer to VA (11/2002) work by Bill Phillips/GNV. Consider including fiber optic with 14,000' Little Econ/Dallas Pipeline Project.

Project Justification

The project will provide increased security to the system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$2,300,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$2,300,000	Revenue
Total Capital Costs	$2,300,000	

Financing Comments

30 years or greater
Fence in 63-00
other items in other accounts

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-14-02 Project #: WS1402 Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT-02 Separation of Groundwater and Surface Water Clear Well FY Start 2018 Quarter Q4

Project Location: Dyal Plant FY End 2018 Quarter Q1

Project Description

The project includes construction of new surface water clear well and modifications to the existing clear well below the GW gravity filters to include a bypass following the surface water gravity filters. (Reference: 2013 Water Capital Plan Project WT-02)

Project Justification

Completion of this project will increase storage capacity and operational flexibility by allowing operations to reject flow from either treatment train (groundwater or surface water) without impacting the other. Completion of the project also contributes to effectively meeting future regulatory requirements and increases flexibility by isolating clear wells from each other during operation. Having separate clear wells prevents the need to empty both clear wells if non-compliant water entered one of them. This project was identified under the technical evaluations under the Water System Capital Plan project. See Water Treatment, Storage and High Service Pumping Evaluation TM and Risk Reduction of Assets TM for more details. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the Water System Capital Plan project; see Project Prioritization TM for more details.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will improve flexibility and meet future regulations.

Total Cost of Project	Total Cost to Date
$11,475,086	$7,479,457

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$3,995,629	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$3,995,629	Reserves
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$3,995,629	

Financing Comments

As of February 17 the project cost to date - $4,670,800It is assumed that $2,808,657 will be spent by 9/17which estimates the carry forward of $2M

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-LF Project #: Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT37 Lime Feed and Storage System Improvements FY Start 2022 Quarter Q4

Project Location: Dyal FY End 2022 Quarter Q1

Project Description

This project installation of new lime slurry feed pumps with VFDs controlled by flow and pH. The project includes modifing the lime silo bottom, installing new vibratory devices and installing new lime recirculation pumps to recirculate a portion of lime sludge back to feed.

Project Justification

The project will provide improvements to the system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$840,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$840,000	Revenue
Total Capital Costs	$840,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-BE Project #: Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT48 Recarbonation Basin Expansion-Reactor Clarifiers #1/#2 - Design and Construction FY Start 2022 Quarter Q4

Project Location: Dyal FY End 2022 Quarter Q1

Project Description

This project includes the addition of a recarbonization basin at Reactor Clarifiers #1/#2 to provide full process train redundancy. Currently, Reactor Clarifiers #1/#2 discharge to a single recarbonization basin. If this recarbonization basin is off-line, then both Reactor Clarifiers #1/#2 are off-line and cannot provide softened water to the filters.

Project Justification

The project will provide redundancy to the system.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$1,540,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$1,540,000	Revenue
Total Capital Costs	$1,540,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-15-SU | Project #: WS1508 | Account #: 63-00 | CIP Classification: Infrastructure | District: City

Project Name: WT-51 Sulfuraetor | FY Start 2019 Quarter Q3

Project Location: Wewahootee | FY End 2020 Quarter Q1

Project Description

This project includes design and construction of a third Sulfuraetor at Wewahootee WTP. The project includes SCADA Design programming for PLC and HMI systems to support the project. (Reference: Water Capital Plan Project WT51)

Project Justification

The third Sulfuraetor provides redundancy and the capability to meet peak demand when one of the Sulfuraetors are taken offline for scheduled cleanings. This project was identified under the technical evaluations under the 2013 Water System Capital Plan Update project. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the 2013 Water System Capital Plan Update project; see Project Prioritization TM for more details about the scoring process.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will improve treatment process reliability.

Total Cost of Project	Total Cost to Date
$3,560,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$310,000	Bond
2020	$3,250,000	Bond
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$3,560,000	

Financing Comments

$310,000 Design; start 10/18, end 6/19

$3,250,000 Construction; start 9/19, end 5/20
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-16-GI | Project #: WT-54 | Account #: 63-00 | CIP Classification: Infrastructure | District: City

Project Name: WT-54 Tier 4 Generator Improvements | FY Start 2019 Quarter Q2

Project Location: Dyal and Distribution | FY End 2021 Quarter Q3

Project Description

This project includes replacing the existing generators with EPA Tier 4 generators at rhe TCR Pump Station, Wewahootee WTP (switchgear also), Banana River PS and Viera PS.

Project Justification

The project will bring the backup power system up to current code. This project was identified under the technical evaluations under the 2013 Water System Capital Plan Update project. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the 2013 Water System Capital Plan Update project; see Project Prioritization TM for more details about the scoring process.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will allow emergency power systems to meet current regulations.

Total Cost of Project	Total Cost to Date
$4,290,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$430,000	Revenue
2021	$3,860,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$4,290,000	

Financing Comments

$430,000 Design; start 05/19, end 10/19

$3,860,000 Construction; start 10/20, end 1/21

30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-SB Project #: Account #: 62-00 CIP Classification: Building District: WS-Outside City

Project Name: WT58 Dyal WTP Storage Building FY Start 2022 Quarter Q3

Project Location: Dyal FY End 2022 Quarter Q1

Project Description

This project will include the construct of a new pole-barn type structure to protect equipment from the elements.

Project Justification

There is no storage space at the plant for large equipment. This structure is needed to protect the equipment from the elements.

Strategic Connection: Strategic Plan/Utilities Master Plan

TBD

Total Cost of Project	Total Cost to Date
$220,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$220,000	Revenue
Total Capital Costs	$220,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-18-BP Project #: Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT61 Dyal CO2 Bulk Package System FY Start 2020 Quarter Q4

Project Location: Dyal FY End 2020 Quarter Q1

Project Description

This project includes the removal of the existing steel pressure tanks and replacing it in kind with steel pressure tanks.

Project Justification

To replace existing aging infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

N/A

Total Cost of Project	Total Cost to Date
$1,040,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$90,000	Bond
2020	$950,000	Bond
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$1,040,000	

Financing Comments

design $90,000, construction $950,000
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-17-TT Project #: WS18DT Account #: 64-00 CIP Classification: Machinery & Equipment District: WS-Outside City

Project Name: WT-62 Dyal TTHM Prevention and/or Reduction FY Start 2018 Quarter Q2

Project Location: Dyal WTP FY End 2018 Quarter Q1

Project Description

The project includes the evaluation and planning of a Unit Process to help prevent the creation of TTHM in water.

Project Justification

The City of Cocoa's distribution system has experienced rising TTHM sample results. This evaluation and planning effort will be to prohibit this trend from continuing.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will improve water quality.

Total Cost of Project	Total Cost to Date
$110,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$110,000	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$110,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$110,000	

Financing Comments

Planning $110,000; start 10/17, end 1/18

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-17-DF Project #: WS18RD Account #: 63-00 CIP Classification: Infrastructure District: WS-Outside City

Project Name: WT-63 Replacement of Dyal Finished Water Steel GST FY Start 2018 Quarter Q2

Project Location: Dyal WTP FY End 2020 Quarter Q2

Project Description

This project includes removal of existing steel tank and design and installation of a new 5 MG Crom prestressed concrete tank at Dyal.

Project Justification

To replace existing aging ground storage tank.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$7,480,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$640,000	Bond
2020	$6,840,000	Bond
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$7,480,000	

Financing Comments

Design $640,000; start 01/19, end 10/19
Construction $6,840,000 in FY20; start 10/19, end 03/20
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4055

CIP #: CP-WS-15-OI Project #: WT-CO Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: WT-CO Ozone Improvements (Generator Replacement, Chiller Replacement, Contactor Improvements) FY Start 2020 Quarter Q2

Project Location: Dyal WTP FY End 2021 Quarter Q1

Project Description

This project includes mprovements to the ozone system at the Dyal WTP including replacement of the existing ozone generators and associated electrical, control panels and chiller replacement. (Reference: Water Capital Plan Project Update WT-45, WT-46, and WT-47)

Project Justification

The ozone generators and chillers are nearing the end of their life cycle which is estimated to be 2018. The new generators will be installed at the same location as the existing generators and will use the existing cooling system. These projects were identified under the technical evaluations under the 2013 Water System Capital Plan Update project. Ozone sidestream injection will result in higher ozone transfer efficiency and decreased maintenance primarily due to eliminating the need for maintenance on the current ozone diffusers. This project was identified under the 2012 Water System Capital Plan project. The prioritization/sequencing was determined based on the prioritization framework and scoring, also under the 2013 Water System Capital Plan Update project; see Project Prioritization TM for more details about the scoring process.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$4,550,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$1,513,504	Revenue
2021	$3,036,496	Revenue
2022	$0	$0 this FY
Total Capital Costs	$4,550,000	

Financing Comments

$390,000 Design; start 11/19, end 5/20

$4,160,000 Construction; start 8/20, end 2/21
30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-BS Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Biosolids Improvements Project FY Start 2020 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2022 Quarter Q1

Project Description

Biosolids Improvements at the Jerry Sellers WRF.

Project Justification

Replacement of aging infrastructure.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$2,200,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$200,000	Revenue
2021	$200,000	Revenue
2022	$1,800,000	Revenue
Total Capital Costs	$2,200,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-17-PA Project #: WW-32 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Bracco Pond Aeration FY Start 2019 Quarter Q4

Project Location: Bracco Pond FY End 2019 Quarter Q1

Project Description

Installation of surface aerators at the Bracco Pond.

Project Justification

Installation of surface aerators in the Bracco Ponds to prevent toxic algae blooms. Algal blooms can cause nutrient levels to exceed requirements due to their toxic effects on biomass.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$115,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$115,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$115,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-BI Project #: WW-32 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Bracco Pond Interconnect FY Start 2019 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2019 Quarter Q1

Project Description

Automation of existing Bracco Pond Interconnect valve.

Project Justification

Existing Bracco Pond Interconnect valve is manually operated which requires operations staff to travel off site to provide supplemental reclaimed water to the Jerry Sellers WRF.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$90,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$90,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$90,000	

Financing Comments

30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-CS Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Chemical Storage Relocation FY Start 2019 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2020 Quarter Q1

Project Description

Relocation of chemical storage and feed facilities to improve operations.

Project Justification

The location of the existing chemical storage and feed facilities makes it difficult to automatically control the quality of plant effluent. Relocating the facilities will allow for greater control and automation.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$700,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$100,000	Revenue
2020	$600,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$700,000	

Financing Comments

30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-UP Project #: WS17CM Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: CMMS Update Phase II FY Start 2018 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2018 Quarter Q1

Project Description

Data entry necessary to support use of CMMS. Purchasing of a printer to support use of the system.

Project Justification

The CMMS system is necessary to manage maintenance needs.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$50,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$50,000	$0	$0	$0

Recurring Annual Costs

Operating	$795
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$795

Capital Costs and Proposed Financing by Fiscal Year

2018	$50,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$50,000	

Financing Comments

Annual License Renewal = $795

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-GR Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Generator Replacement FY Start 2022 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2022 Quarter Q1

Project Description

Generator Replacement at the Jerry Sellers WRF.

Project Justification

Replacement of aging infrastructure.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$200,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$200,000	Revenue
Total Capital Costs	$200,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-IP Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Internal Recycle Pump Replacement FY Start 2022 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2022 Quarter Q1

Project Description

Replacement of the internal recycle pumps at the Jerry Sellers WRF.

Project Justification

Replacement of aging infrastructure.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$205,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$205,000	Revenue
Total Capital Costs	$205,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-FI Project #: WS16SF Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Jerry Sellers Flow Improvements FY Start 2018 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2019 Quarter Q1

Project Description

Upgrades to the influent pump station, reject water system, sludge pumps and digesters at the Jerry Sellers WRF.

Project Justification

Upgrades are required to improve operation of the facility.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project was identified in the Wastewater Capital Plan.

Total Cost of Project	Total Cost to Date
$4,230,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$115,000	$0	$2,000,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$2,115,000	Bond
2019	$2,115,000	Bond
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$4,230,000	

Financing Comments

30 year useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-LE Project #: WS18SE Account #: 62-00 CIP Classification: Building District: City

Project Name: Jerry Sellers WRF Laboratory Expansion FY Start 2018 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2018 Quarter Q1

Project Description

Expansion of the laboratory at the Jerry Sellers WRF.

Project Justification

Upgrades are required to improve operations of the facility.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$65,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$65,000	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$65,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$65,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-OP Project #: WS18PR Account #: 31-00 CIP Classification: Professional Services District: City

Project Name: Jerry Sellers WRF Operating Permit Renewal FY Start 2018 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2018 Quarter Q1

Project Description

Jerry Sellers WRF Operating Permit Renewal

Project Justification

The operating permit for the Jerry Sellers WRF expires in 2018 and must be renewed.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$65,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$65,000	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$65,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$65,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-LP Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: LCP No. 1 Rehabilitation FY Start 2020 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2020 Quarter Q1

Project Description

Rehabilitation of Local Control Panel No. 1.

Project Justification

Rehabilitation or replacement of aging infrastructure.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$200,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$200,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$200,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-CR Project #: WS1222 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: MCC and Conduit Replacement Project (Carry Forward) FY Start 2018 Quarter Q2

Project Location: Jerry Sellers WRF FY End 2018 Quarter Q1

Project Description

Electrical wire and conduit replacement project

Project Justification

Project will replace aging infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project identified in the Wastewater Capital Plan.

Total Cost of Project	Total Cost to Date
$2,500,000	$1,720,000

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$80,000	$0	$700,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$780,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$780,000	

Financing Comments

Carry Forward

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-MP Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Michigan Pond Supplemental Reuse FY Start 2019 Quarter Q4

Project Location: Michigan Pond FY End 2020 Quarter Q1

Project Description

Upgrades at the Michigan Pond to return reclaimed water to the Jerry Sellers WRF through the existing collection and transmission system.

Project Justification

During dry periods, it is difficult to meet the reclaimed water demand. Returning water from Michigan Pond will supplement the existing supply.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$715,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$2,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$3,000

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$65,000	Revenue
2020	$650,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$715,000	

Financing Comments

30 years or greater useful life

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-17-ML Project #: WS1510 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Mud Lake Wetlands FY Start 2019 Quarter Q4

Project Location: Cocoa Conservation Area FY End 2020 Quarter Q1

Project Description

Feasibility study, permitting, final design, and construction of a reclaimed water application system at Mud Lake in the Cocoa Conservation Area.

Project Justification

Successfully implementing a reclaimed water application system at the Mud Lake wetlands would provide another disposal alternative for reclaimed water during wet weather, further reducing the need to dispose of reclaimed water in the Indian River Lagoon.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$1,190,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$40,000	$0	$0	$0

Recurring Annual Costs

Operating	$2,000
Maintenance	$1,000
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$3,000

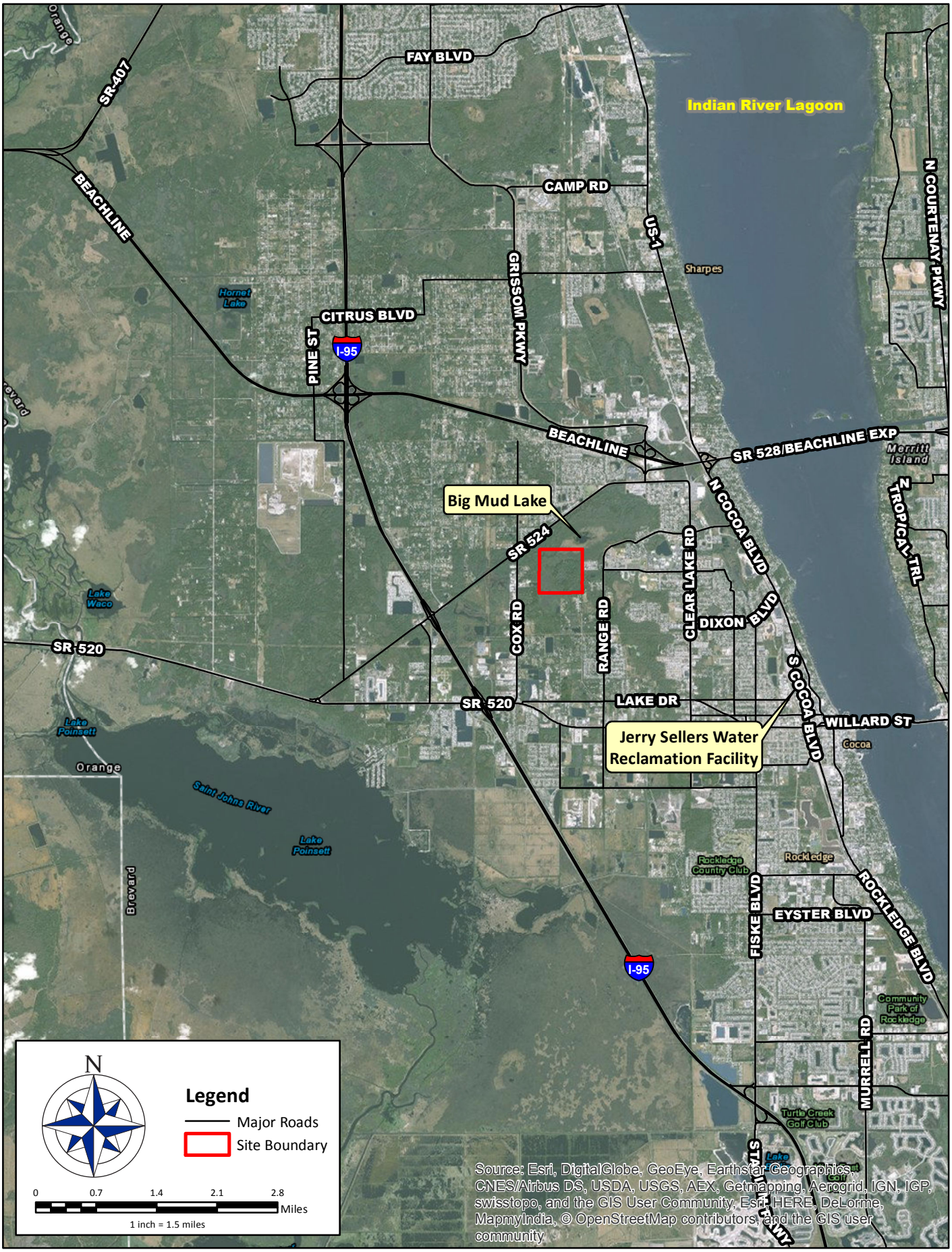
Capital Costs and Proposed Financing by Fiscal Year

2018	$40,000	Revenue
2019	$400,000	Revenue
2020	$750,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$1,190,000	

Financing Comments

30 Year useful life

CIE_Designation ☐



CDM Smith

CP-WS-17-ML
Mud Lake Wetlands Location Map

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-FR Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: New F150 Ref Cab FY Start 2018 Quarter Q4

Project Location: Sewer Field Operations FY End 2018 Quarter Q1

Project Description

Tranportaion needed for the New Reuse Coordinator position pending approval.

Project Justification

Tranportaion needed for the New Reuse Coordinator position pending approval.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$21,200	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$21,200

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$21,200	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$21,200	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-WP Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Reclaimed Water Pump Replacement FY Start 2021 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2021 Quarter Q1

Project Description

Replacement of the existing reclaimed water pumps at the Jerry Sellers WRF.

Project Justification

Replacement of aging infrastructure.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$600,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$600,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$600,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-RM Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of MCCs 7 and 8 FY Start 2020 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2020 Quarter Q1

Project Description

Replacement of MCCs 7 and 8 at the Jerry Sellers WRF.

Project Justification

Project will replace aging infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project was identified in the Wastewater Capital Plan and will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$550,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$550,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$550,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-17-V16 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Replacement of vehicle #42 (2006 Ford E250 VAN) FY Start 2019 Quarter Q2

Project Location: Field Operations - Water Reclamation FY End 2019 Quarter Q2

Project Description

Replacement of vehicle #42 (2006 Ford E250 VAN) Serial# 1FTNE24W26DA11486.

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$30,237	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$30,237	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$30,237	

Financing Comments

Replace Date: 01/09/2019

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-17-RT Project #: WS17RT Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: RTU Replacement FY Start 2018 Quarter Q4

Project Location: Cocoa Collection System FY End 2022 Quarter Q1

Project Description

Replacement of the existing Motorola MOSCAD L RTU at the lift stations to the Motorola ACE3600, including panel enclosures.

Project Justification

The Motorola MOSCAD L RTU is currently used in 50 of the City's wastewater lift stations. One lift station does not have a RTU. The MOSCAD L RTU is no longer manufactured and considered an obsolete technology. With little spare parts and replacement RTUs, integration of the new ACE3600 is recommended to maintain system functionality and product support. A new panel enclosure is required to house the new technology and City standard components.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$750,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$150,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$150,000	Revenue
2019	$150,000	Revenue
2020	$150,000	Revenue
2021	$150,000	Revenue
2022	$150,000	Revenue
Total Capital Costs	$750,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-TR Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Tank recoating project FY Start 2022 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2022 Quarter Q1

Project Description

Recoating of tanks at the Jerry Sellers WRF.

Project Justification

Recoating of tanks to protect structures.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$250,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$250,000	Revenue
Total Capital Costs	$250,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-TP Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Transfer pump replacement FY Start 2021 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2021 Quarter Q1

Project Description

Replacement of the existing transfer pumps at the Jerry Sellers WRF.

Project Justification

Replacement of aging infrastructure.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$430,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$430,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$430,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-18-DC Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: UV Disinfection Conversion FY Start 2022 Quarter Q4

Project Location: Jerry Sellers WRF FY End 2022 Quarter Q1

Project Description

Conversion from sodium hypochlorite to UV disinfection at the Jerry Sellers WRF.

Project Justification

Replacement of aging infrastructure.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$2,530,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$2,530,000	Revenue
Total Capital Costs	$2,530,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-17-VI Project #: WS17VA Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Valve Identification Project FY Start 2017 Quarter Q4

Project Location: Jerry Seller WRF FY End 2017 Quarter Q1

Project Description

Locating and Identifying all wastewater and reclaimed water valve assets on the Jerry Sellers WRF and inputting data in a GIS database. Data will includes valve type, valves size, and valve location.

Project Justification

The Jerry Sellers WRF was constructed in multiple phases over a period of 60 years. There a numerous valves on site with unknown locations and purposes. The project would provide a database of valves and function for use by plant operation staff.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$60,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$60,000	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$60,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$60,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4120

CIP #: CP-WS-17-V2 Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Water Reclamation E250 Van FY Start 2018 Quarter Q2

Project Location: Wastewater FY End 2018 Quarter Q2

Project Description

2005 E250 Ford Van Vin #1FTNE24L75HB45908.

Project Justification

City of Cocoa Active Fleet.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$56,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$56,000	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$56,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$56,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4125

CIP #: CP-WS-17-R3 Project #: WS0904 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: CIPP Rehabilitation Phases 3 - 6 FY Start 2018 Quarter Q3

Project Location: Cocoa Collection System FY End 2018 Quarter Q1

Project Description

Rehabilitation of CIPP of select gravity sewers in the Lift Station 10, 13, and 21 service areas and Lift Station 2 service area South of King St. (SR 520) in FY18. Rehabilitation of CIPP of select gravity sewers in the lift Station 15, 17 and 18 service areas in FY19. Rehabilitation of CIPP of select gravity sewers in the Lift Station 4, 5, 6 and 7 service areas in FY2020. Rehabilitation of CIPP of various gravity sewers selected based on the results of the cleaning and CCTV data in FY2021.

Project Justification

After an analysis of the collection system through CCTV data and the wastewater hydraulic model, pipes in this project were identified to have excessive structural defects including (but not limited to) cracks, fractures, holes, broken pipe, and infiltration. Infiltration contributes to hydraulic deficiencies, increased risk of SSO, and increased flows at the wastewater treatment plant, causing unnecessary treatment and increased treatment costs.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project will rehabilitate aging infrastructure essential to the sanitary sewer collection system.

Total Cost of Project	Total Cost to Date
$1,600,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$35,000	$0	$365,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$400,000	Revenue
2019	$400,000	Revenue
2020	$400,000	Revenue
2021	$400,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$1,600,000	

Financing Comments

CIE_Designation ☐

Prepared For:

Prepared By:

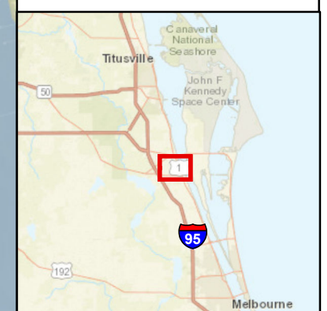
CDM Smith

Legend

- Existing Sewer Manhole
- Existing Gravity Sewer
- Existing Forcemain
- CIPP Phase 3 Manholes
- CIPP Phase 3 Gravity Sewer
- CIPP Phase 4 Manholes
- CIPP Phase 4 Gravity Sewer
- CIPP Phase 5 Manholes
- CIPP Phase 5 Gravity Sewer

N

0 800 1,600 Feet



Wastewater Collection System Evaluation

City of Cocoa, Florida

CIPP Improvement Projects Phases 3, 4 & 5

CP-WS-17-R3

Document Path: F:\Jamie\215885\CityofCocoa_May2017_CIPPphase3_4_5.mxd

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CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4125

CIP #: CP-WS-18-SR Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Lift Station No. 1 Replacement FY Start 2021 Quarter Q4

Project Location: Cocoa Collection System FY End 2021 Quarter Q1

Project Description

Lift Station No. 1 Replacement.

Project Justification

Replacement of aging infrastructure.

Strategic Connection: Strategic Plan/Utilities Master Plan

Project is identified in the Wastewater Capital Plan and will replace aging infrastructure.

Total Cost of Project	Total Cost to Date
$700,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$700,000	Revenue
2022	$0	$0 this FY
Total Capital Costs	$700,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4125

CIP #: CP-WS-17-V18 Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Replacement of vehicle #53 (2009 Ford F250 UTILITY) FY Start 2021 Quarter Q2

Project Location: Field Operations - Sewer FY End 2021 Quarter Q2

Project Description

Replacement of vehicle #53 (2009 Ford F250 UTILITY) Serial# 1FTNF20569EA32026.

Project Justification

The City of Cocoa Capital Improvement Program implements a systematic replacement of vehicles and equipment to minimize repair & maintenance cost and vehicle equipment down time. The purchase of new vehicles is designed to reduce vehicle obsolescence, safety, parts accessibility and more efficient vehicles.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$38,100	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$38,100	Revenue
2022	$0	$0 this FY
Total Capital Costs	$38,100	

Financing Comments

Replace Date: 10/09/2020

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4125

CIP #: CP-WS-17-V1 Project #: WW-33 Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Water Reclamation Fleet E250 Van FY Start 2019 Quarter Q2

Project Location: Field Operations - Wastewater FY End 2019 Quarter Q2

Project Description

Purchase of 2006 E250 Ford Van. Vin # 1FTNE24W26DA11486.

Project Justification

New vehicle required for daily operations.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$30,237	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$30,237	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$30,237	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4125

CIP #: CP-WS-17-V3 Project #: WW-36 Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: WFO Sewer F250 Utility Ford FY Start 2018 Quarter Q2

Project Location: Field Operations - Wastewater FY End 2018 Quarter Q1

Project Description

Purchase of 2009 F250 Ford Utility Truck. Vin # 1FTNF20569EA32026.

Project Justification

New vehicle required for daily operations.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$38,100	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs	
Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year		
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$38,100	Reserves
2022	$0	$0 this FY
Total Capital Costs	$38,100	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 421 **Dept/Div:** 4125

CIP #: CP-WS-17-V4 Project #: WW-37 Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: WFO Sewer F450 Dump Ford FY Start 2021 Quarter Q2

Project Location: Field Operations - Wastewater FY End 2021 Quarter Q2

Project Description

Purchased of 2001 F450 Ford Dump Truck. Vin # 1FDXF46F81EB77802.

Project Justification

New vehicle required for daily operations.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$75,900	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$75,900	Revenue
2022	$0	$0 this FY
Total Capital Costs	$75,900	

Financing Comments

CIE_Designation ☐

City of Cocoa Capital Improvement Plan
FY 2018 through FY 2022

Stormwater Enterprise Fund Projects

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-SW-11-Cra Project #: PW08CG Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Annual Curb & Gutter R&M Program FY Start 2018 Quarter Q4

Project Location: City Wide FY End 2022 Quarter Q1

Project Description

Annual maintenance and replacement of sub-standard, deteriorated and non-existing curb. Some survey services from outside contractors may be included with this item for proper installation of new curb to the proper slope.

Project Justification

Annual maintenance and replacement of sub-standard, deteriorated and non-existing curb. Some survey services from outside contractors may be included with this item for proper installation of new curb to the proper slope.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$250,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$50,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$50,000	Revenue
2019	$50,000	Revenue
2020	$50,000	Revenue
2021	$50,000	Revenue
2022	$50,000	Revenue
Total Capital Costs	$250,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-SW-11-CR Project #: SW08PL Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Annual Cured in Place Pipe Lining FY Start 2018 Quarter Q4

Project Location: City wide FY End 2022 Quarter Q1

Project Description

Cured in place pipe lining for the cities many miles of old metal drainage pipes through out the city.

Project Justification

There are old metal pipes throughout the city in various diameters that carry stormwater thoughout the city's drainage system. When these pipes fail, flow is blocked, and flooding results. A failed pipe also allows soil to enter the pipe, causing damage to roads, structures and yards. By lining these pipes it reduces the amount of material entering the river, reduces flooding risks, and decreases damage. Each pipe is approximately 100 feet in length and the average price per foot ranges from $40 to $100 per foot, depending on pipe size and condition.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$1,000,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$200,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$200,000	Revenue
2019	$200,000	Revenue
2020	$200,000	Revenue
2021	$200,000	Revenue
2022	$200,000	Revenue
Total Capital Costs	$1,000,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-PW-17-FY Project #: PW17SI Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Fiske Blvd Complete Streets Roadway, and Sidewalk Improvements Phase 3 (General Fund) FY Start 2018 Quarter Q4

Project Location: Fiske Blvd FY End 2018 Quarter Q1

Project Description

Construct drainage and sidewalks, replace water main, reconstruct roadway and provide landscaping from Highland Ave to Peachtree Street

Project Justification

Fiske Blvd from Highland Ave to Peachtree St has poor surface drainage, sub-standard sidewalks and the roadway is in poor condition. These improvements will improve drainage and create a safer environment for citizens

Strategic Connection: Operational

Sidewalks, enhanced lighting and improved drainage provides a safe environment

Total Cost of Project	Total Cost to Date
$140,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$140,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$140,000	Combination
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$140,000	

Financing Comments

Possible funding through the SCTPO and FDOT
1,750,000 funded by General funds
140,000 funded by Stormwater

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-PW-17-HS Project #: SW17HS Account #: 63-00 CIP Classification: Infrastructure District: D1

Project Name: Harrison Street Streetscape (Stormwater portion) FY Start 2018 Quarter Q4

Project Location: Cocoa Village FY End 2018 Quarter Q1

Project Description

Project to include improve drainage, provide bus parking, improve sidewalks, lighting, as well as landscaping and striping

Project Justification

Harrison Street is a mixed use area with commercial businesses on one side and Riverfront Park on the other. These inprovements will improve the overall appearance of this area

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$95,867	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$95,867	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$95,867	

Financing Comments

The Capital Cost is the portion being funded by the Cocoa CRA TIF.
Split between the Utility Fund, Stormwater Fund and the Cocoa CRA (110) Fund

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-SW-12-IR Project #: SW1503 Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Indian River Drive Baffle Box FY Start 2019 Quarter Q4

Project Location: Indian River Drive FY End 2022 Quarter Q1

Project Description

Install baffle boxes on Indian River Drive (IRD) outfall pipes.

Project Justification

To meet increasingly strict water quality standards, water quality flowing from IRD to the lagoon must be improved. Due to limited property, installation of nutrient-removal baffle boxes is the only practical way to improve water quality in this area. Installation of four baffle boxes at $20,000 each is proposed each year. The goal is to have all outfalls treated in 10 years.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$320,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$80,000	Revenue
2020	$80,000	Revenue
2021	$80,000	Revenue
2022	$80,000	Revenue
Total Capital Costs	$320,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-SW-17-MB Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: City

Project Name: Mechanical Broom Sweeper FY Start 2018 Quarter Q4

Project Location: City FY End 2018 Quarter Q1

Project Description

The Stormwater division would like to replace its vacuum air sweeper. With a mechanical sweeper for sweeping the city streets it would allow for a more diverse sweeping of the city streets. This Sweeper is a different type. It allows for sweeping of the city streets during different times of the year.

Project Justification

The Stormwater division would like to replace its vacuum air sweeper. With a mechanical sweeper for sweeping the city streets it would allow for more diverse sweeping of the city streets. This Sweeper is a different type. It allows for sweeping of the city streets during different times of the year.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$310,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$310,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$310,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-SW-12-RR | Project #: SW1301 | Account #: 63-00 | CIP Classification: Infrastructure | District: D3

Project Name: Pipe Range Road Drainage Ditch | FY Start 2020 Quarter Q4

Project Location: Range Road | FY End 2020 Quarter Q1

Project Description

Install 3000 feet of Surplus 48" DIP water pipe and inlets on Range Road from Hooper Rd. north to Cocoa Bay Blvd.

Project Justification

Range Road is a heavy traveled road between SR 520 and Rosentine consisting of residential properties. Presently there is an open ditch conveyance system to collect stormwater. By piping this ditch it will reduce maintenance costs and even more importantly reduce safety issues. Public Works proposes this work to be done in three phases with the first phase being engineering, then two construction phases consisting of 1500 feet each.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$250,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$250,000	Revenue
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$250,000	

Financing Comments

PD&E cost $25,000Construction/Rehab cost 225,000

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-PW-18-SS Project #: Account #: 63-00 CIP Classification: Infrastructure District: City

Project Name: Stone street Corridor Streetscaping (Stormwater portion) FY Start 2018 Quarter Q2

Project Location: Fiske Boulevard to the western side of the F.E.C. Railroad. FY End 2019 Quarter Q1

Project Description

Streetscaping of Stone Street Commercial Corridor. Design and Engineering in FY 2018 and construction could begin in Q4 of FY 2017.

Project Justification

This project will redevelop this culturally significant commercial corridor

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$120,414	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$120,414	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$120,414	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$120,414	

Financing Comments

A combination of TIF and other funding sources will be used for this project.
This project is split between the General Fund, Utility Fund and Stormwater Fund.

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-SW-18-AM Project #: Account #: 31-00 CIP Classification: Professional Services District: City

Project Name: Stormwater GIS Asset Mapping FY Start 2018 Quarter Q4

Project Location: City Wide FY End 2019 Quarter Q1

Project Description

Map and enter stormwater pipes, manholes, catch basins, and other assets in GIS Data base

Project Justification

The city's NPDES permit requires the city to have an inventory of its physical assets. Currently, old mylar maps are the primary method of asset management. Cocoa has invested in a GIS system to manage its assets city wide. In order to enter stormwater assets into the database, they must be located in the field, inspected and described as to the condition and material. Brevard County has offeredto provide these services to the city. The advantage to having the county provide this service would be a seamless database system as storm water naturally flows between the city and county boundaries.

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$130,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$80,000	$0

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$80,000	Revenue
2019	$50,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$130,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-SW-17-FA Project #: Account #: 63-00 CIP Classification: Infrastructure District: D2

Project Name: US1 and Forrest Ave Stormwater Facility FY Start 2018 Quarter Q4

Project Location: Intersection of US 1 and Forrest Ave FY End 2019 Quarter Q1

Project Description

Construct a dry retention pond for storm water treatment prior to entering the Indian River

Project Justification

The City of Cocoa obtained this property from the Florida Department of Transportation. The location will allow the city to construct a dry retention pond to treat storm water prior to entering the Indian River

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$385,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$32,000	$0	$0	$218,000

Recurring Annual Costs

Operating	$0
Maintenance	$0
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$0

Capital Costs and Proposed Financing by Fiscal Year

2018	$250,000	Revenue
2019	$135,000	Revenue
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$385,000	

Financing Comments

CIE_Designation ☐

CIP Detail Project Report FY 2018 - FY 2022

CIP Fiscal Year Period FY 2018 - FY 2022

Fund: 423 **Dept/Div:** 3570

CIP #: CP-PW-18-YI Project #: Account #: 64-00 CIP Classification: Machinery & Equipment District: D1

Project Name: Yale Industrial Forklift FY Start 2018 Quarter Q4

Project Location: Public Works FY End 2018 Quarter Q1

Project Description

Replacement forklift for Public Works

Project Justification

The current forklift was inherited from the utility department in 2007. It was 10 years old at the time. It does not have the lift capacity or the reach or the safety features needed for what the division needs. The new forklift will have a 5000 pound capacity and a higher reach, plus enhanced safety features thus making the operation safer for the operator as well as other workers who my be near by

Strategic Connection: Operational

N/A

Total Cost of Project	Total Cost to Date
$32,000	$0

2018 Costs	PD & E	Land Purchase	Construction/Rehab	Miscellaneous
	$0	$0	$0	$32,000

Recurring Annual Costs

Operating	$100
Maintenance	$100
Personal	$0
Other Non-Capital	$0
Total Recurring Costs	$200

Capital Costs and Proposed Financing by Fiscal Year

2018	$32,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$32,000	

Financing Comments

CIE_Designation ☐

Resilient Cocoa

COCOA
FLORIDA

STORM SURGE | FLOODING | SEA LEVEL RISE | SEA LEVEL RISE + SURGE

2019

This report was prepared for the City of Cocoa the Florida Department of Environmental Protection and the National Oceanic and Atmospheric Administration by the East Central Florida Regional Planning Council.

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Acknowledgements

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EXECUTIVE SUMMARY

The overarching goal of the Resilient Cocoa Project is to strengthen the City's capacity to withstand and recover quickly from natural hazard events such as flooding, sea level rise, storm surge, and nuisance flooding. From December 2018 through June 2019, the ECFRPC worked with City officials to complete the following milestones:

- **Vulnerability Analysis**: Identified the City's exposure to effects from storm surge, flooding, sea level rise and nuisance flooding.
- **Public Engagement:** Gathered input from Cocoa residents and business owners through workshops and surveys to identify their priorities to address resiliency.
- **Economic Impact Analysis:** Used the REMI PI+ model to estimate the economic costs of not addressing flooding versus mitigating this weakness through the adoption of green infrastructure program.
- **Strategy and Policy Development:** Developed an Action Plan based on the findings from the vulnerability analysis, public input, economic analysis and national best practices. This part also included the formulation of comprehensive plan policies for compliance with SB 1094 (Peril of Flood).

The Resilient Cocoa Project found that three parts of the City are the most vulnerable to natural hazards: High Point, Diamond Square Community Redevelopment Area (CRA), and Cocoa Village. The report provides a detailed assessment of the impacts that these hazards will have on the City's transportation network, critical facilities, land development patterns, and tax revenues. All of these vary greatly depending on the type of vulnerability discussed.

The ECFRPC used various ways to gather input from the public for this project. In February, the City of Cocoa hosted a public workshop where citizens discussed some of the City's vulnerabilities, focus areas, and strategies to create a more resilient city. This information was used to develop an online survey which ran from March 20 to April 18. The objective of the survey was to gather public input about the areas that City officials need to prioritize to make Cocoa more resilient to natural disasters and sea level rise. A total of 152 participants completed the survey. The majority of respondents want government officials to focus their efforts on addressing inadequate infrastructure, hurricane and storm, and flooding issues within the City. Since Cocoa Village is one of the City's most vulnerable areas, the project team also worked on specific outreach efforts that targeted the local business community. This included hosting a business resiliency workshop on March 26. In addition to this event, the City's Economic Development Specialist met with individual businesses to help them fill out a business resiliency questionnaire.

Because flooding is one of Cocoa's major concerns, the ECFRPC used the REMI PI+ model to estimate the economic impact that strong precipitation events have on Cocoa Village businesses. This economic impact analysis is comprised of two scenarios. The "do nothing" simulation estimates the economic impact of not addressing the flooding events caused by intense precipitation. This scenario found that flooding events can have a deep impact on the local economy. The second scenario found that incorporating green infrastructure features within Cocoa Village could help ameliorate some of these negative impacts.

The ECFRPC used the information gathered from these previous tasks to develop a Resiliency Action Plan for the City of Cocoa. The plan includes a series of tasks focused around four main areas: Leadership and Strategy, Economic and Society, Infrastructure and Environment, and Health and Well Being. It also includes the appropriate City Department that will take on the task, its priority level, and recommended start year.

ABOUT THE ECFRPC

The ECFRPC was established in 1962 as an area-wide association of local governments. It is one of Florida's ten regional planning councils and serves governments and organizations located within Brevard, Lake, Orange, Osceola, Seminole, Sumter and Volusia counties. Council staff provides technical assistance in the areas of land use and environmental planning, emergency preparedness, geographic information systems (GIS), health, housing, urban design, transportation and economic and fiscal analysis among others. Because of the ECFRPC, member governments have received more than $10.6 million in federal grants since 2011. This represents a return on investment of $2.53 for every dollar paid in assessments

On September 19, 2018, the ECFRPC unanimously adopted a resolution to develop a process and framework for a regional resilience collaborative in east Central Florida. To date, two committees have been formed: a Council Sub-Committee and a Steering Committee. This regional collaborative will help build capacity and establish a shared mission and goals uniting knowledge, lessons learned, and future endeavors. The premise of the The City of Cocoa, along with the ECFRPC, Brevard County, and the Space Coast TPO have adopted the ECF RRAP. Others have the adoption resolution in the pipeline.

This report publication was funded in part, through a grant agreement from the Florida Department of Environmental Protection, Florida Coastal Management Program, by a grant provided by the Office of Ocean and Coastal Resource Management under the Coastal Zone Management Act of 1972, as amended, National Oceanic and Atmospheric Administration Award No. CM743FederalNA16NOS4190120. The views, statements, findings, conclusions, and recommendations expressed herein are those of the author(s) and do not necessarily reflect the views of the State of Florida, NOAA or any of their sub-agencies.

The Senate Bill 1094 (2015):
Requires coastal jurisdictions to add a '*Peril of Flood*' component within the Coastal Element of their Comprehensive Plans.

House Bill 7207 (2011):
Creates the "Adaptation Action Area" (AAA) optional designation for *"areas that experience coastal flooding and are vulnerable to the related impacts of rising sea levels for the purpose of prioritizing funding for infrastructure needs and adaptation planning for the purpose of prioritizing funding for infrastructure needs and adaptation planning*".

east central florida
REGIONAL RESILIENCY ACTION PLAN

INTRODUCTION

Florida's coastal communities currently are experiencing more frequent flooding and storm surge events that are affecting their critical infrastructure, local economies, and the health and welfare of its residents. This has been recognized by the Florida Legislature, which recently passed *Peril of Flood* legislation to require the development of strategies that address sea level rise and flood hazards. Moreover, federal agencies such as the Federal Highway Administration, the U.S. Department of Housing and Urban Development, and the Federal Emergency Management Administration are now tying their funding programs to the long term environmental effects caused by sea level rise and flooding.

In order to address the effects of these naturally-occurring hazards, Florida's coastal communities must assess, plan and implement strategies to increase their resilience. To this effect, the ECFRPC collaborated with over 50 Brevard and Volusia County stakeholders to develop the East Central Florida Regional Resiliency Action Plan (RRAP). This RRAP identifies opportunities and gaps in planning for resilience and discusses local actions that could be implemented over a five-year timeframe to address climate-related vulnerabilities. Following the completion of the RRAP's process, the ECFRPC started working with local coastal governments to address resiliency issues. In 2018, the Florida Department of Environmental Protection's Florida Coastal Management Program (FCMP) and the National Oceanic and Atmospheric Administration (NOAA) awarded the City of Cocoa a grant to develop a community resilience plan. The Resilient Cocoa document contains several strategies to increase the City's resiliency to natural climate-related hazards based on the findings of a vulnerability analysis, several public engagement activities, and an economic impact analysis simulation,

Resilient Cocoa Project

Developed over a six-month period, the Resilient Cocoa project addresses resiliency issues in a holistic way by identifying the City's vulnerabilities using ArcGIS and NOAA data, receiving input from the public and business community, and performing an economic impact analysis. The projects main activities are described in more detail below.

Vulnerability Analysis:
The ECFRPC identified the social, economic, and functional vulnerabilities posed to the City from four natural hazards: storm surge, flooding, sea level rise, and coastal shallow flooding. This analysis was based on data from NOAA, the University of Florida's GEO Plan Center, and the Brevard County Property Appraiser, among others.

Public Engagement:
Cocoa citizens and business owners provided their input by participating at several public workshops and completing an online MetroQuest survey. In addition to these activities, the City's Economic Development Specialist met individually with several business owners to help them complete a business resiliency questionnaire.

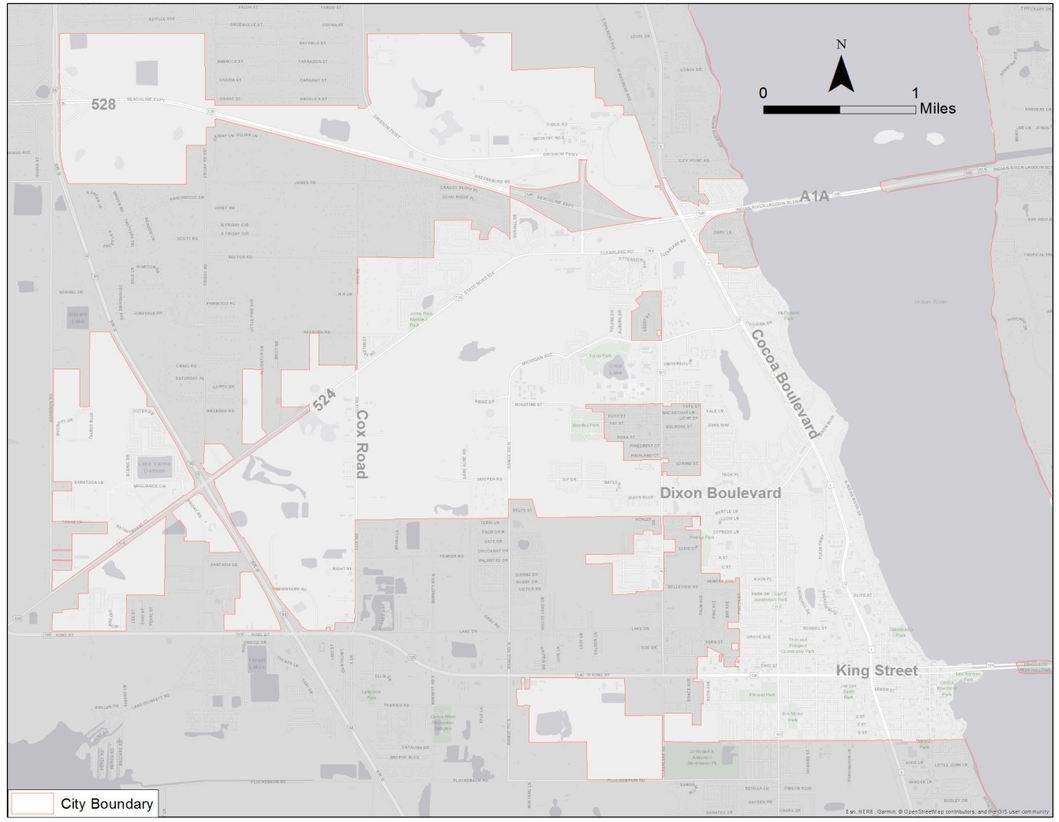
Economic Impact Analysis:
The ECFRPC used the REMI model to estimated the economic impact of resiliency mitigation efforts. Staff developed two different simulations: a "do-nothing" scenario and another where the City implemented a "green infrastructure" resiliency program.

Strategy and Policy Development:
Based on the findings from the previous analyses and best practices, the ECFRPC developed an Action Plan that contains strategies to address resiliency issues within the City of Cocoa. This process included the formulation of comprehensive plan policies for compliance with SB 1094 (Peril of Flood) legislation. The Data and maps developed as part of this study will be incorporated into the City of Cocoa's Coastal Element in order to fulfill this state requirement.

About Cocoa

Located on Florida's east coast, the City of Cocoa is bounded by Cidco Road to the north, Rosa L. Jones Drive to the south, the intersection of State Road 524 and State Road 520 to the west, and the Indian River Lagoon to the east. US-1 cuts vertically through the City and the Martin Andersen Beachline Expressway and Hubert Humphrey Bridge provide access to Merritt Island. Three miles west of City limits, Interstate 95 provides an important connection to north and south Florida. Cocoa is also located in close proximity to NASA, Patrick Air Force Base, and Cape the Canaveral Air Station.

The City's social and economic hub, Cocoa Village, is located on a small, southern peninsula that juts into the lagoon. First developed in the mid 1880s, this area remains a popular destination for events, shopping, and gourmet dining. Cocoa Village is home to several historical assets including the Playhouse Theater, the Porcher House, and the Florida Historical Society. The Playhouse is Cocoa's oldest theater. Opening it's doors to the public in 1924, the theater played silent movies but later showed Brevard's first "talkie" movie. Known as the "Broadway on Brevard", over 55,000 patrons view theater productions here each year. Additionally, The Porcher house is quintessential 20th century revival architecture. Sitting adjacent to the Cocoa Riverfront Park, the house was originally built in 1914 by Edward Porcher. The home was later purchased by the City to become City Hall and is now open to the public with rooms to rent for weddings and other special occasions. Also located in Cocoa Village, the Florida Historical Society is dedicated to preserving Florida's past through the collection and archival maintenance of historical documents and photographs, as well as publishing scholarly research on Florida history. It also educates the public about Florida history through a variety of history projects and programs.





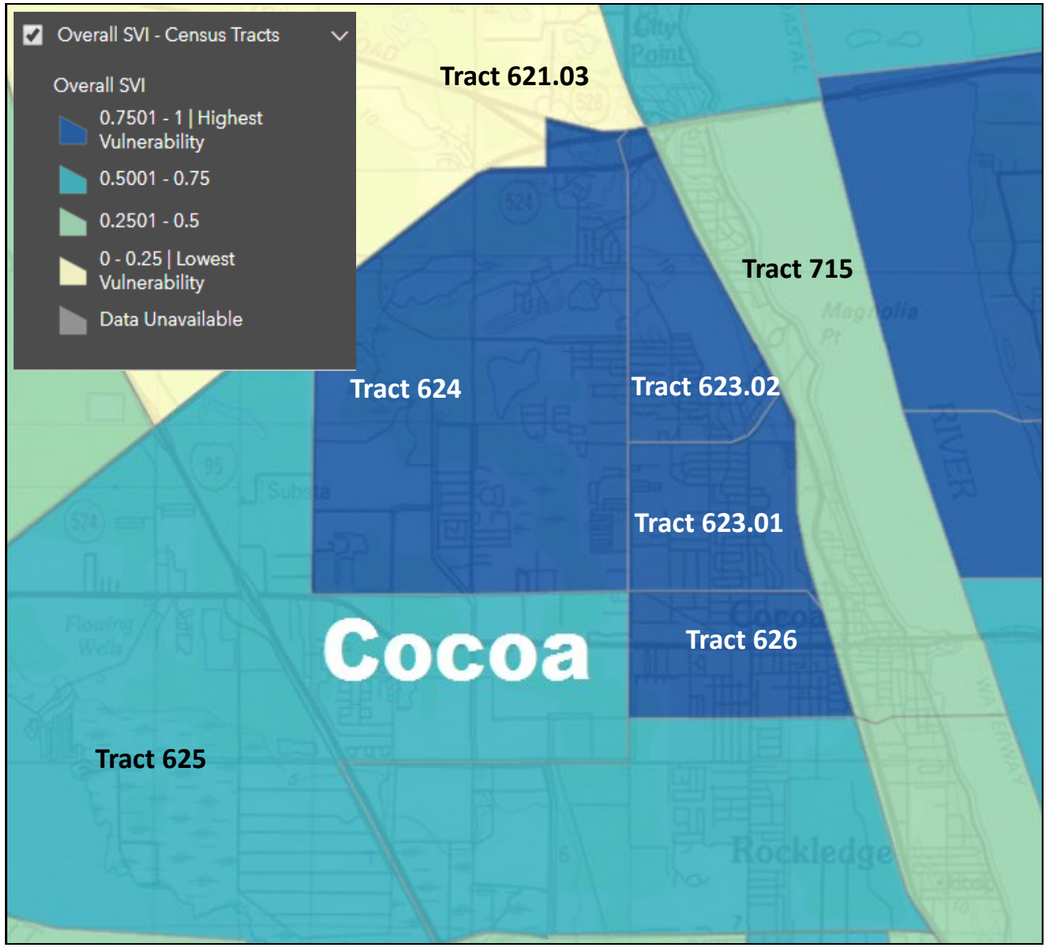


City Demographics and Vulnerable Populations

Understanding demographic and socioeconomic variables is important to help the City become more resilient to future natural hazards. Cocoa is currently home to 19,286 residents (2019 BEBR). The average age of City's residents is 38 years old, with about 30% of its population being 55 years and older (US Census Bureau). The average household income in Cocoa is $32,685 and 24% of residents considered to be living in poverty. These numbers contrast greatly with those of Brevard County, which has higher median incomes and lower poverty levels.

The Center for Disease Control developed the Social Vulnerability Index (SVI) to identify communities that may need support in preparing for hazards and recover from disaster. The SVI score groups 15 census-derived factors into four themes that summarize the extent in which an area is socially vulnerable to a disaster. These themes are *Socioeconomic Status*, *Household Composition/Disability*, *Race/Ethnicity/Language, and Housing/Transportation.* The SVI score scale goes from 0 (least vulnerable) to 1 (most vulnerable). According to the SVI, the approximate overall score for the City if Cocoa is .7077. Census Tract 621.03 is the City's less vulnerable area (SVI 0.16). The lower part of the City contains four highly vulnerable Census Tracts with scores ranging from .8718 (CT 624) to .9983 (CT 626).

According to the University of Florida's Shimberg Center, more than 31 percent the of the City's renter are severely cost burdened. This means that they spend 50 percent or more their salaries on housing. These households are more vulnerable to natural disasters and will need more assistance with emergency preparedness and recovery. Moreover, median income families living within the City spend about 53 percent of their incomes to cover both housing and transportation costs.



Data Set	Brevard	Brevard % Total	Cocoa	Cocoa % Total
Families Below Poverty Level	13,670	9.4	918	21.7
People Below Poverty Level	75,104	13.2	4,669	26.3
Population Age 65 and Over	129,240	22.7	2,949	16.6
Individuals who Speak English less than Very Well	18,527	3.3	973	5.5
Total Persons Unemployed	19,763	7.6	820	10.4
Occupied Household with No Vehicle	12,725	5.6	887	13.0

Source: ACS 2013-2017

VULNERABILITY ASSESSMENT

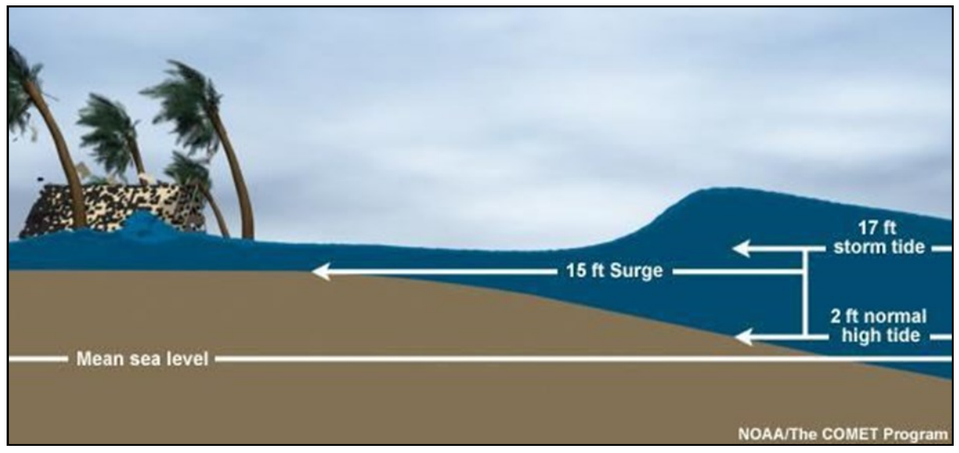
The vulnerabilities assessed in this analysis are: shallow coastal flooding, storm surge, sea level rise, the combination of storm surge and sea level rise, and FEMA flood areas. Modeling by the Tampa Bay Regional Planning Council also assessed storm surge combined with the effects of sea level rise.

Shallow Coastal Flooding

Shallow coastal flooding or nuisance flooding includes low-lying coastal areas susceptible to flooding during extreme high tides. According to NOAA, extreme high tides occur a few times per year because of the alignment of the sun, moon, and earth. Flood levels can increase due to rainfall or wind during storm events. Since the 1960's, high tide flooding occurrences have increased 5 - to 10-fold in several U.S. coastal cities.

Storm Surge

Storm surge is the rise of water past the normal tide level because of a storm. Storm winds push water farther up the shore. The destructive force of a storm surge can damage underground utilities and water mains, disable electrical equipment, erode seawalls and revetment systems, and destroy roadways, sidewalks, homes, and businesses.



Storm Surge

Shallow Coastal Flooding

Nuisance flooding areas are areas that flood frequently during higher than average tide events.



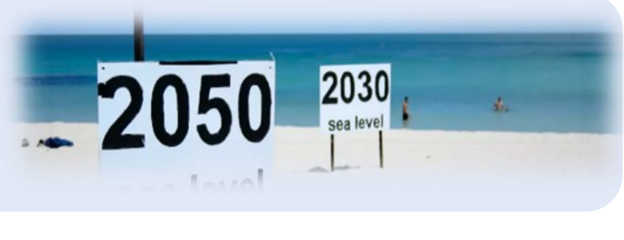
Storm Surge

Storm surge occurs when hurricanes and tropical storms raise water levels in coastal areas which is pushed on shore.



Sea Level Rise

Sea level rise is occurring at an alarming pace along Florida's east coast. This is a long-term hazard.



Surge + Sea Level Rise

Referred to as the "Combined Hazard Zone", this includes the long-term effects of surge plus sea level rise.



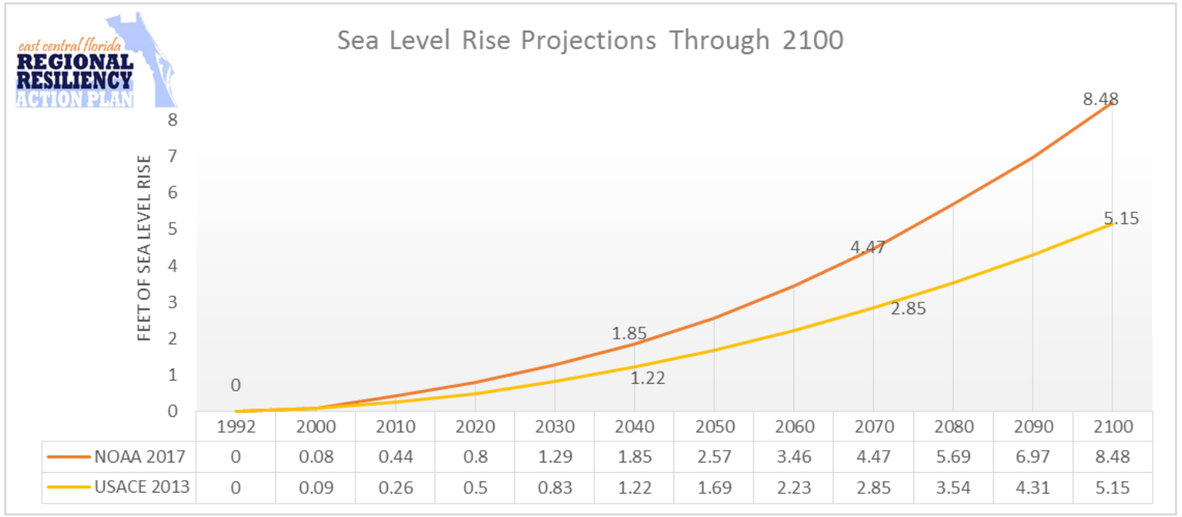
100-Year Flood

The 100-year flood zone depicts areas that have a 1% annual chance of flooding.



Sea Level Rise

Sea level rise is the steady and continuous increase of water elevation along the coast which will push the shoreline inland. This analysis used two sea level rise projection curves: NOAA 2017 and United States Army Corps of Engineers 2013. The maps depict the potential areas of impact based upon the NOAA projection rate curve for the 2040, 2070, and 2100 planning horizons. While the maps show areas that will be inundated during MHHW, sea level rise effects may be seen prior to inundation through increased erosion and wave action, as well as failure of the stormwater systems.

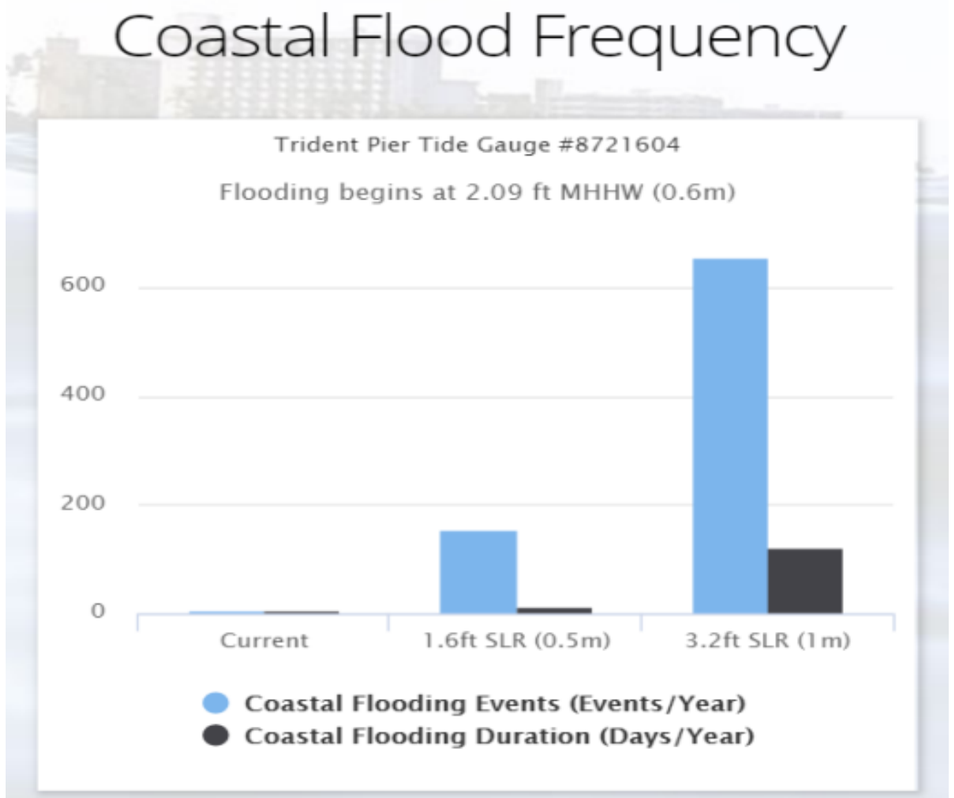


Storm Surge and Sea Level Rise

The combination of Category 3 storm surge and NOAA sea level rise projections are important in order to understand the effect that sea level rise has on coastal areas during tropical storms. Sea level rise in the near term is not dramatic when viewed on its own. However, coastal storm run-up and storm surge can be pushed past a tipping point when sea levels are higher than today.

FEMA Designated Flood Areas

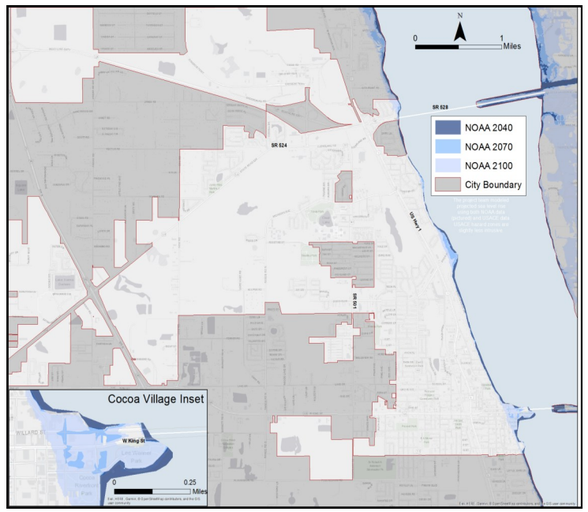
The FEMA Digital Flood Insurance Rate Maps (DFRIM) from 2014 were used to identify assets located in the 100- and 500-year flood zones. DFIRMS data indicates flood risk information derived from Flood Insurance Studies (FISs). According to FEMA, flood risk can change over time based on development patterns and environmental and watershed conditions. For this reason, FEMA has started to conduct a RiskMAP Coastal Restudy for Brevard County which includes revised DFRIMS. As of the time of this analysis, the study and revised DFIRMS have yet to be reviewed and adopted (December 2018). It is recommended that after the DFIRMS are adopted, the new analysis should include areas added to the flood zones.



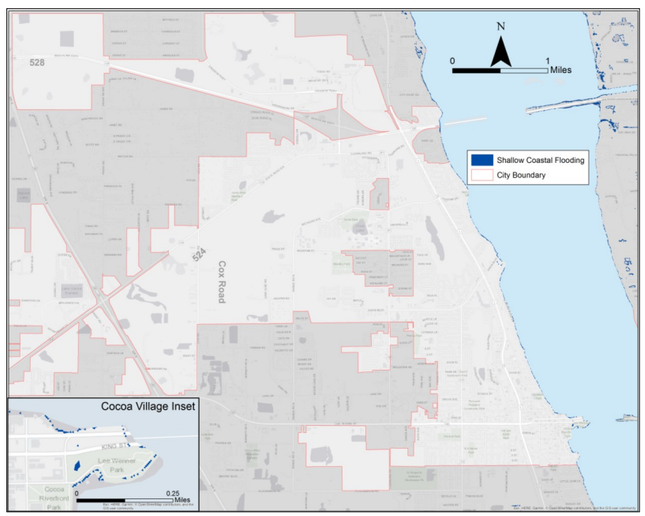
Major Findings

The findings section details the vulnerabilities of the City's transportation network, critical facilities, impacted land uses, and financial values for at-risk properties. Three areas within the City will be consistently impacted by all vulnerabilities. **High Point** is a residential area found in the north-east corner of the city. **Diamond Square Community Redevelopment Area,** a mix of residential, commercial and vacant land, sits on the center of Cocoa's vertical coastline and extends into the lagoon. Finally, **Cocoa Village** is the economic and social hub of the city and the third focus area. Larger versions of all the maps can be found on the Map Appendix at the end of this document.

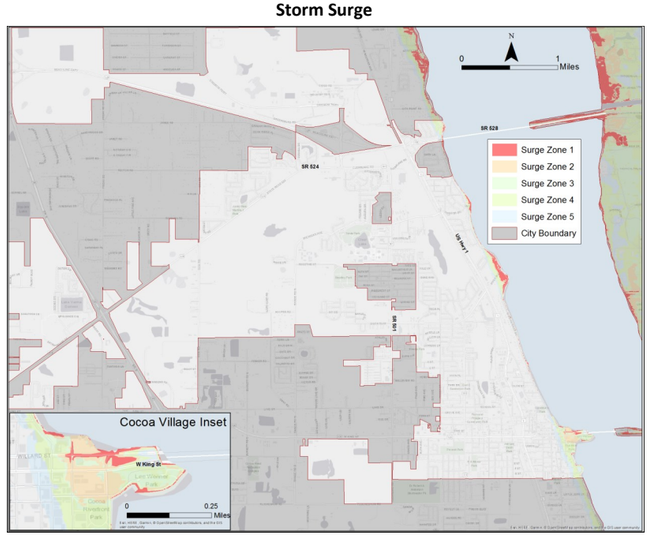
NOAA Sea Level Rise



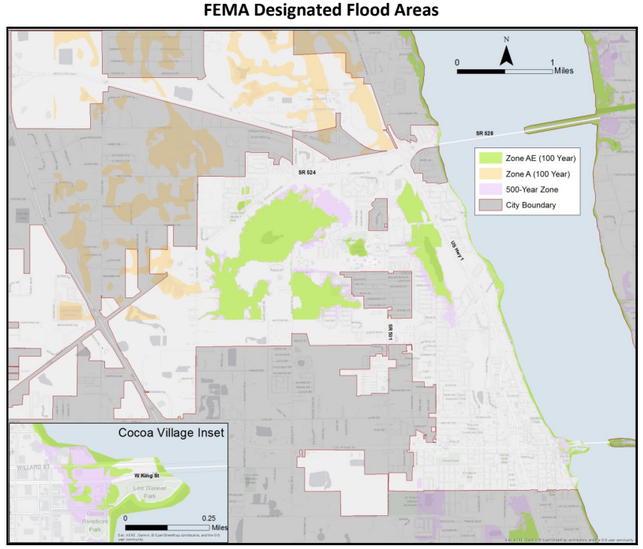
Shallow Coastal Flooding



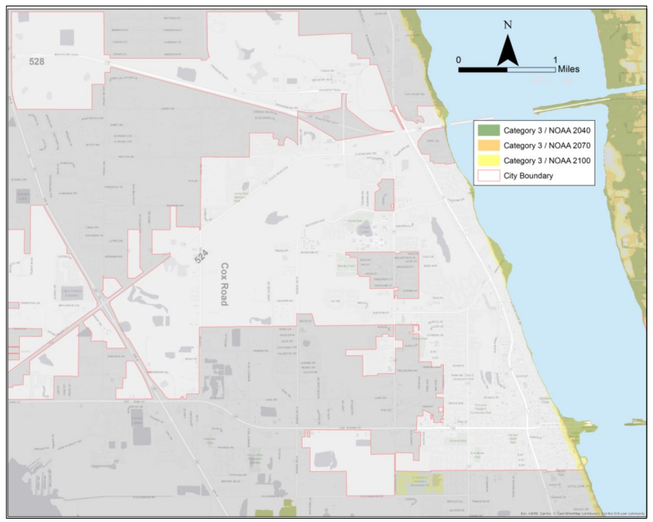
Storm Surge



FEMA Designated Flood Areas



Surge + Sea Level Rise Combo



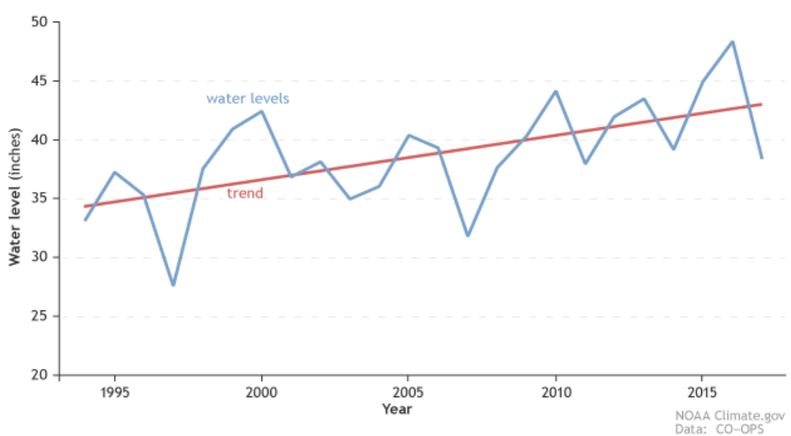
Transportation

Roadways, especially those found along coastal waters, are constantly enduring hazards that degrade their integrity. Flooding, storm surge, and erosion can disable and destroy vital transportation infrastructure. Important facilities and evacuation routes can become inaccessible, choking economic vitality and bottlenecking the city's traffic flow. Impacts should not only just be considered to the roadway itself but also the utilities that are associated with the roadway in its right of way or underground.

The table summarizes the impacts to roadways within the City of Cocoa by hazard and subdivided by Florida Department of Transportation (FDOT) classification. Local roads, a responsibility of the City, will suffer the greatest amount of inundation from sea level rise at horizon years 2070 and 2100. They are also the most impacted type of roadway for FEMA 100 Year Flood Zone, shallow coastal flooding, and the combined zone. King Street, a principal arterial road that is an entryway onto Hubert Humphrey Causeway, sees more than 12,000 Average Annual Daily Traffic (AADT). Willard Street, also in Cocoa Village, has an AADT of 29,000. Emergency response times and evacuation efforts could be severely disrupted when these roads become inundated.



Indian River Drive & Sunset Terrace washed out by Hurricane Irma 2017 (Via Twitter)



Roadway Classification *(FDOT)*	Storm Surge CHHZ *(Miles)*	NOAA SLR Year 2040 *(Miles)*	NOAA SLR Year 2070 *(Miles)*	NOAA SLR Year 2100 *(Miles)*	ACOE SLR Year 2040 *(Miles)*	ACOE SLR Year 2070 *(Miles)*	ACOE SLR Year 2100 *(Miles)*	100 Year Flood Zone *(Miles)*	Nuisance Flood Area *(Miles)*	Combined CHHZ *(Miles)*
Principal Arterial Expressway - Rural & Urban	1.26	0.34	0	0.34	0	0	0	0.4	0.15	2.21
Principal Arterial Other - Rural & Urban	1.89	0.59	0.14	0.4	0	0	0.28	0.7	3.3	6.54
Minor Arterial Rural & Urban	0	0	0	0	0	0	0	0.6	0	0
Major Collector Rural & Urban	0	0	0	0	0	0	0	0.27	0	0
Local - Major Roads	0	0	0.07	1.8	0	0.03	1.04	1.1	1.35	6.59
Local - Minor Roads	0	0	0.06	0.89	0	0	0.45	2.55	0.6	4.3
All Evacuation Routes	13.8	0.93	0.15	0.75	0	0	0.28	1.76	0.5	8.6

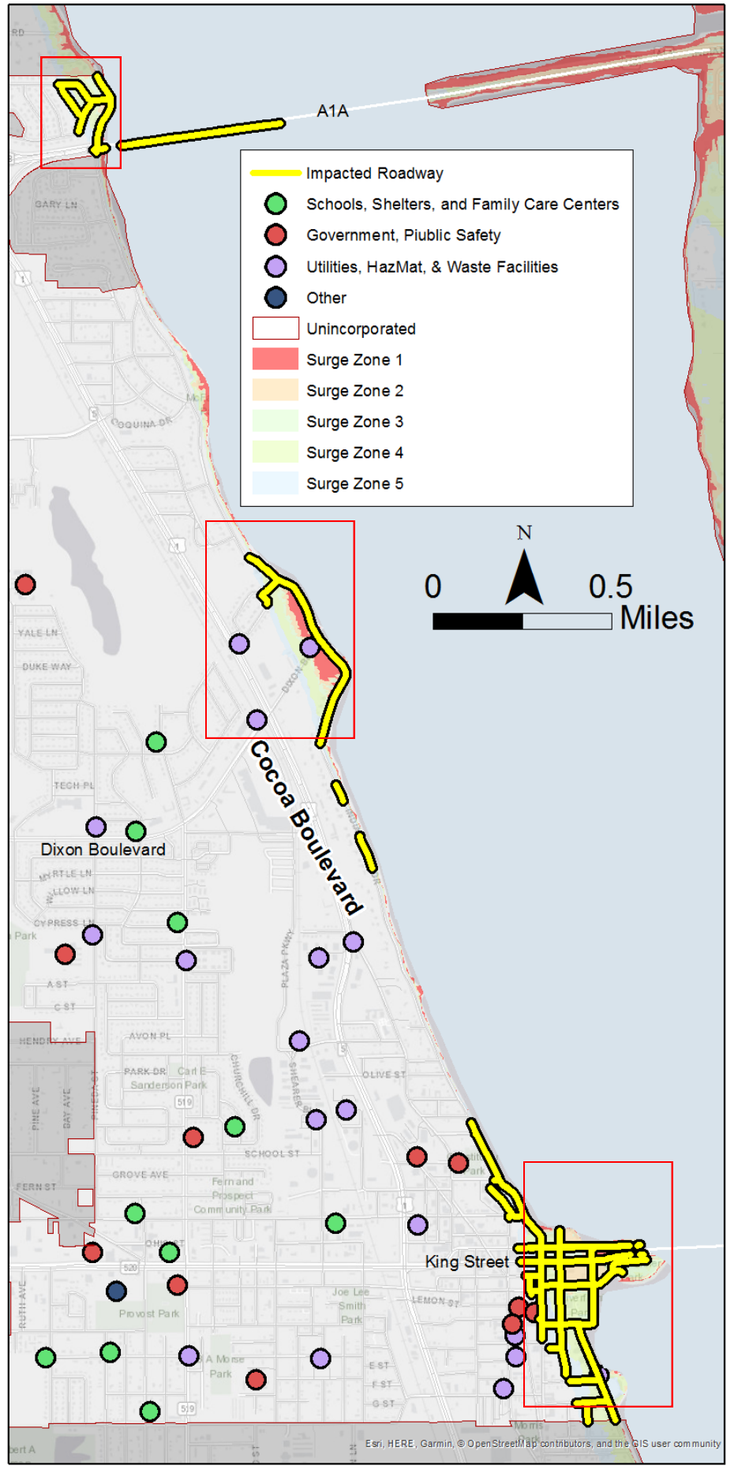
Storm Surge

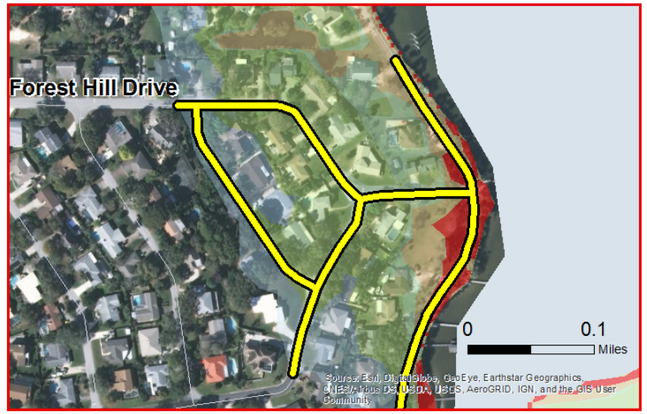
The total miles of vulnerable roadway to surge is as follows:

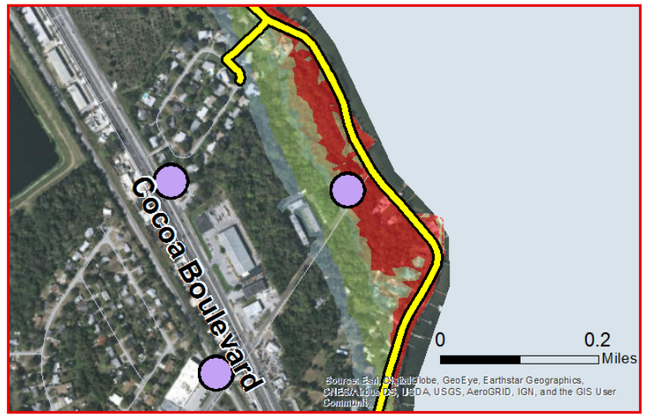
Road Name Classification	Storm Surge Categories				
	1	2	3	4	5
Willard Street* Principle Arterial - Other	0.12	0.3	0.49	0.75	1.07
State Road A1A* Principle Arterial - Freeway & Expressway	0.05	0.13	0.38	0.78	1.26
King Street* Principle Arterial - Other	0	0.11	0.27	0.51	0.83
State Highway 515 Local - Major Road	0.5	1.24	2.14	3.74	5
Brevard Local - Major Road	0	0	0.02	0.03	0.28
Riverside Local - Major Road	0	0	0.09	1.2	1.5
Church Local - Major Road	0	0	0	0.06	0.07
Total	0.67	1.78	3.39	7.07	10.01

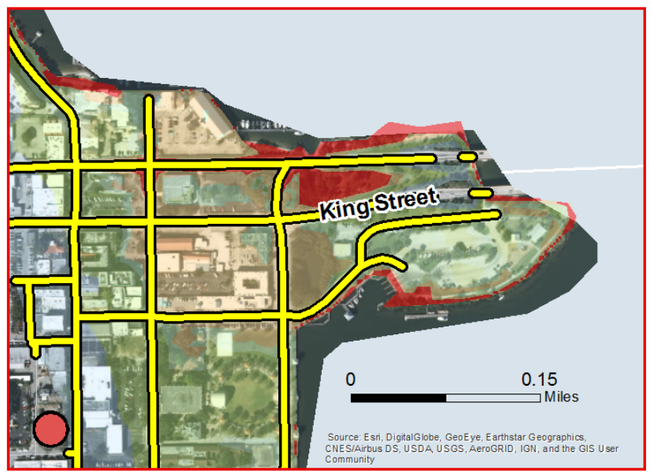
Measured in miles

Note that the total miles of roadway do not indicate a continuous stretch of impact but could represent smaller segments across the corridor.







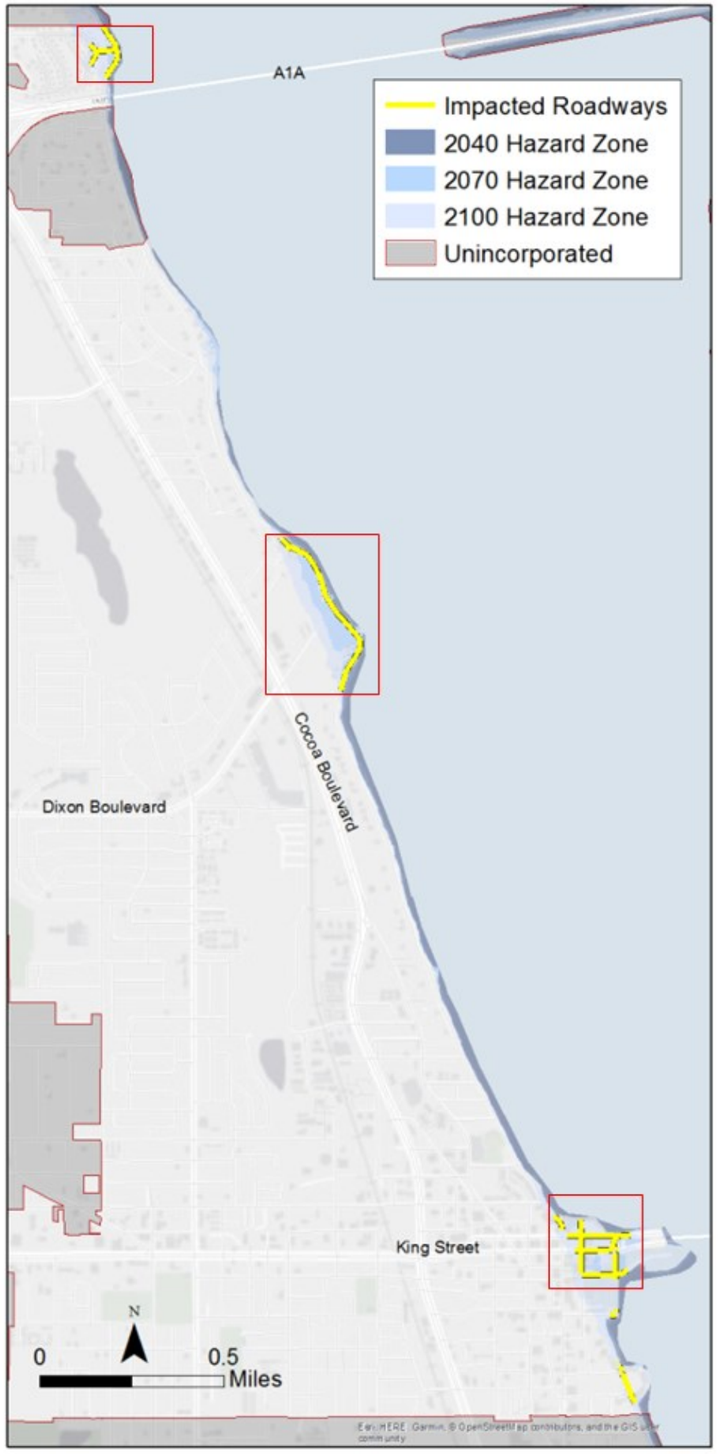


Sea Level Rise

The following table shows major roadway impacts. Note that the total miles of roadway do not indicate a continuous stretch of impact but could represent smaller segments across the corridor.

Road Name	ACOE Projection			NOAA Projection		
	2040	2070	2100	2040	2070	2100
State Hwy 515	0	0.03	0.92	0	0.63	1.41
Brevard	0	0	0.01	0	0	0.05
Riverside	0	0	0.11	0	0	0.29
Willard Street	0	0	0.17	0.29	0.13	0.22
King Street	0	0	0.11	0.29	0.02	0.19
State Road A1A	0	1	2	0.35	0.008	0.34
Church	0	0	0	0	0	0.01

Measured in miles







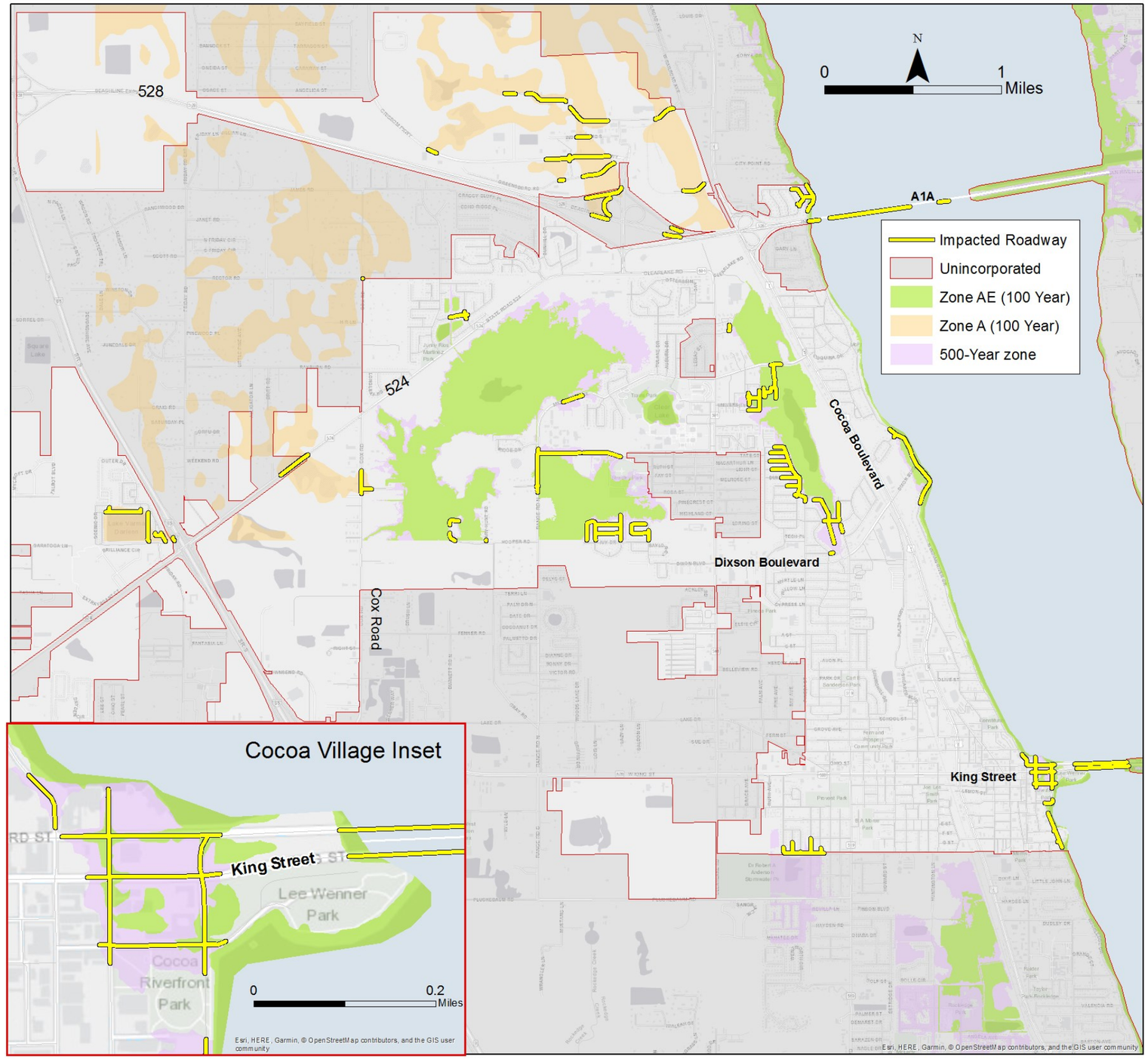


FEMA Designated Flood Areas

This map displays the impacted roadways along FEMA designated flood areas. Compared to the previous hazards, more roadways are affected by this flooding because of the widespread nature of the inundation.

The following table shows major roadway impacts. Note that the total miles of roadway do not indicate a continuous stretch of impact but could represent smaller segments across the corridor.

Road Name Classification	100-Year Flood Zones A, AE, AH, AO, VE --- Projected Inundation (miles)	500-Year Flood Projected Inundation (miles)
Range Road *Major Collector*	0.15	0.42
Cox Road *Major Collector*	0.12	0.13
Beeline Expressway *Principal Arterial*	0.18	0.18
State Road A1A *Principal Arterial*	0.22	0.57
King Street *Principal Arterial*	0.31	0.42
Willard Street *Principal Arterial*	0.42	0.45
Michigan Avenue Major Collector	0	0.12
State Highway 515 *Local - Major Road*	0.7	1.07



Land Use

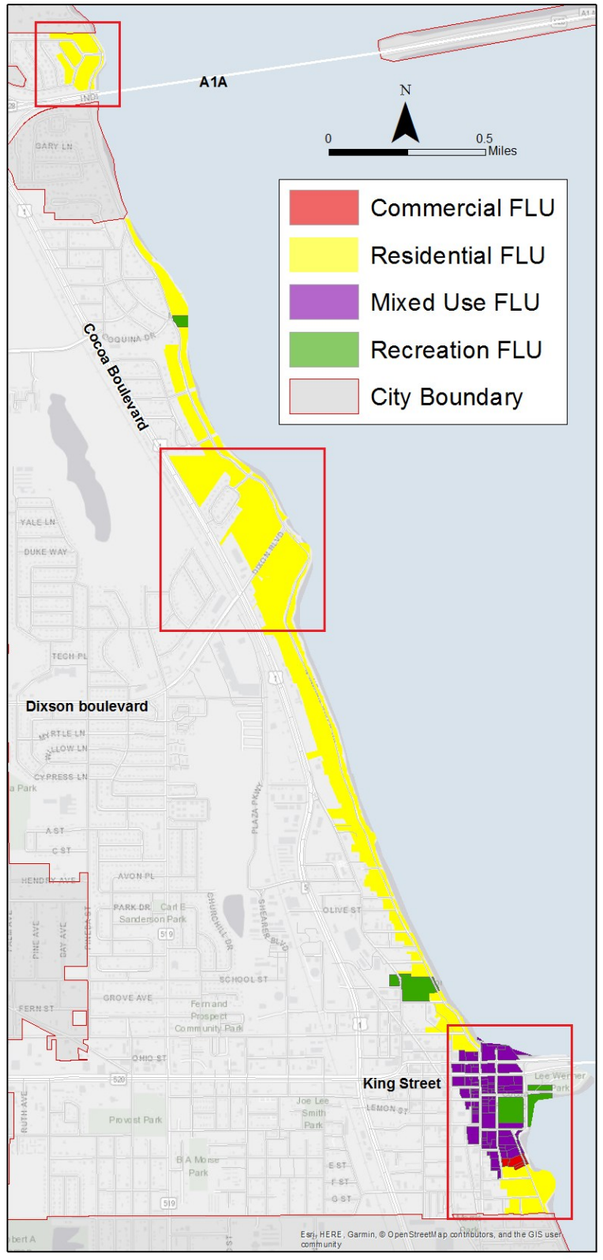
This analysis determines which types of parcels would be impacted. The FLU designations that were studied are as follows: Commercial, Low/ Medium/High Residential, Mixed Use, Industrial, Conservation and Public and Recreation.

Storm Surge

Storm surge can breach up to approximately 0.25 miles inland, depending on the category of storm. Upwards of 147 acres of residential property will be impacted by a category 5 storm surge. All 31.7 acres of exposed Mixed Use areas are located in Cocoa Village, as well as the surrounding Public & Recreation areas. High Point and Diamond Square CRA is mostly developed and will see its residential parcels impacted.

Storm Surge Zone	Commercial	Low Density Residential	Med. Density Residential	High Density Residential	Mixed Use	Public & Recreation
Category 1	1.0	92.8	1.5	14.9	11.2	11.3
Category 2	1.0	104.8	1.5	15.2	16.2	11.3
Category 3	1.0	107.2	3.3	15.6	17.8	11.3
Category 4	1.4	115.4	4.6	15.9	23.2	11.3
Category 5	1.4	119.7	8.5	19.1	31.7	15.9

Measured in acres









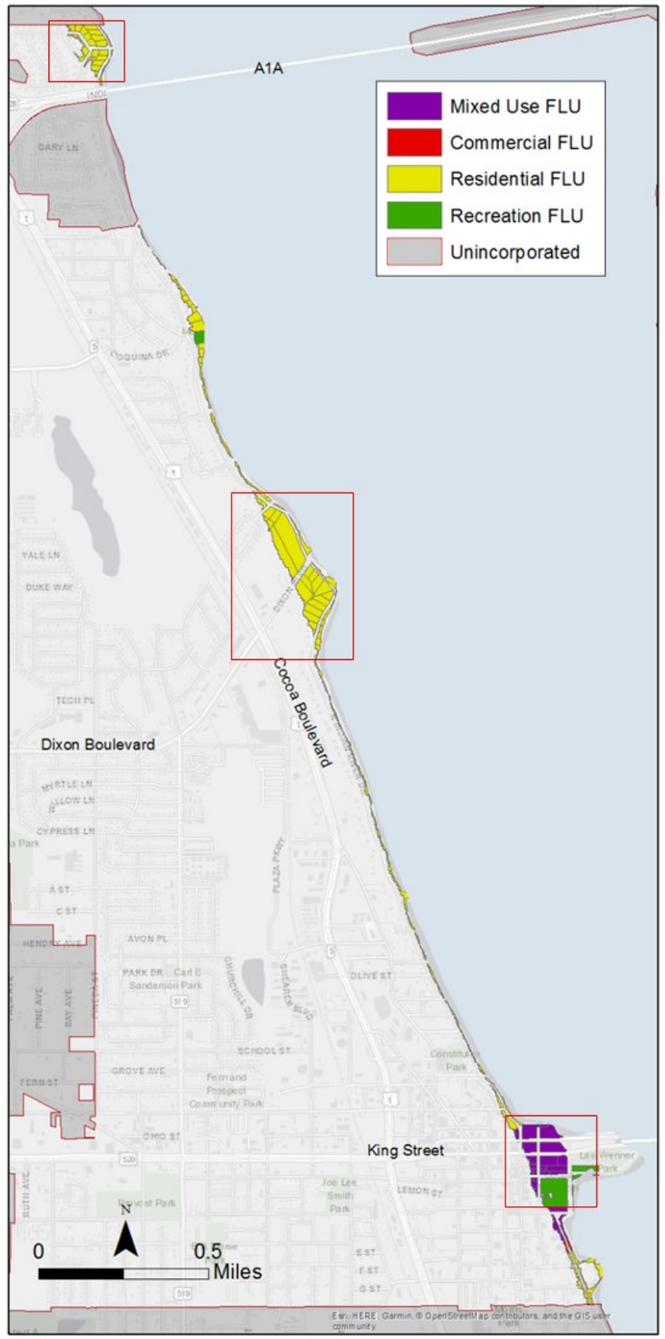
Sea Level Rise

The projected impacts of sea level rise vary depending on the curve, data source, and time horizon analyzed. For the purposes of this text analysis, the NOAA "High Curve" will be highlighted to show maximum modeled inundation.

The three focus areas, High Point, Diamond Square CRA, and Cocoa Village, will bare the largest burden of Cocoa's sea level rise vulnerabilities. Cocoa's shoreline is largely residential FLU and will see approximately 136 acres exposed to sea level rise inundation by 2100. In the downtown area, exposure is projected to infringe on properties with mixed-use FLU, as well as reaction areas. Single family houses that line the shore will be at risk of sea level rise inundation.

Flood Zone	Commercial	Low Density Residential	Medium Density Residential	High Density Residential	Mixed Use	Public & Recreation
2040 *ACOE Curve*	0	0	0	0	0	0
2070 *ACOE Curve*	0	3.6	0	0	0	2.0
2100 *ACOE Curve*	0.2	67.9	3.7	7.9	16.6	11.4
2040 *NOAA Curve*	1.2	83.6	1.5	17.7	10.7	17.1
2070 *NOAA Curve*	1.2	93.6	1.5	17.7	15.4	17.1
2100 *NOAA Curve*	1.2	114.8	3.7	17.7	20.8	17.1

Measured in acres







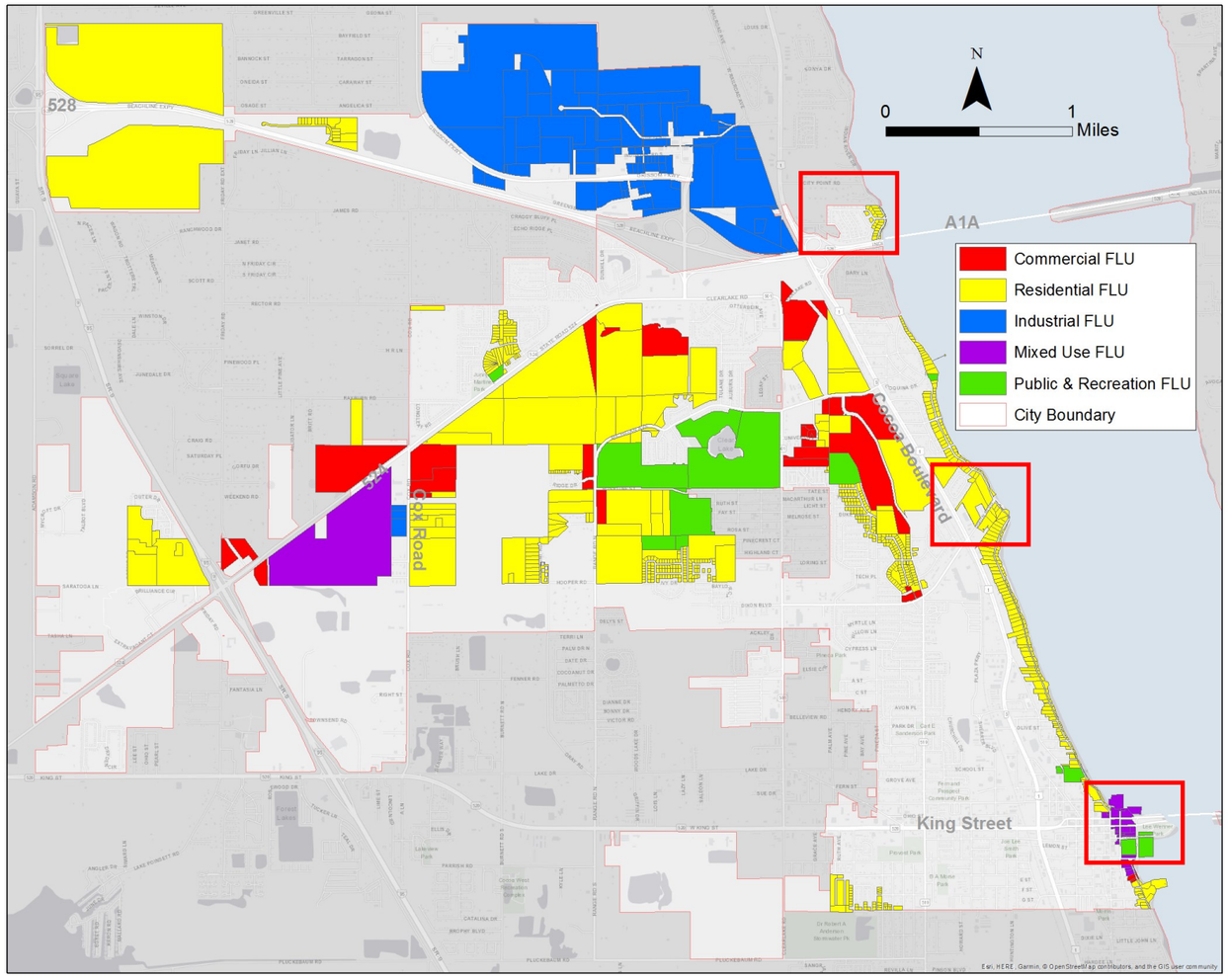


FEMA Designated Flood Areas

The City of Cocoa has large areas of land that are located in FEMA's 100 Year (Zone A, Zone AE) and 500 Year flood plain. This map displays the parcels that are projected to be impacted by FEMA designated flooding. Unlike the other hazards, industrial property is exposed to flooding. In total, approximately 3,311 acres of land are vulnerable to a 500-year flood event. Nearly 800 acres of industrial FLU are at risk, as well as over 1,500 acres of residential property. The following table shows the breakdown by FLU category.

Flood Zone	Commercial	Conservation	Low Density Residential	Medium Density Residential	High Density Residential	Industrial	Mixed Use	Public & Recreation
Zone A *(100 Year)*	69.3	0	494.4	76.3	0	783.1	158.7	0
Zone AE *(100 Year)*	181.9	226.8	626.1	256.2	17.7	0	15.3	245.3
500 Year *(Includes 100 Year)*	294	226.8	1227.7	340.3	17.7	783.1	176.9	245.3

Measured in acres



High Point



Magnolia Point



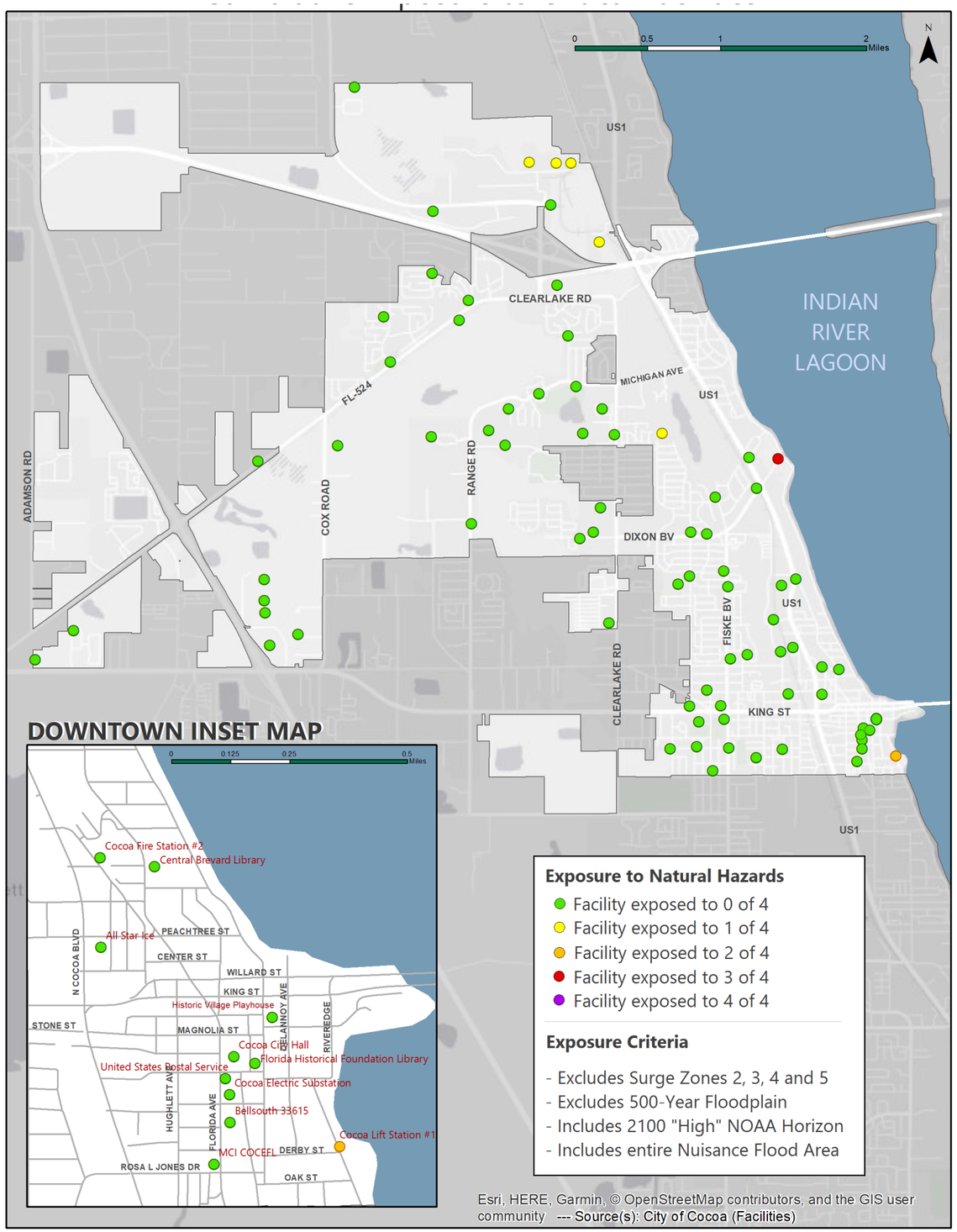
Cocoa Village



Critical Facilities

The critical facilities analysis in this report details the risk posed to infrastructure critical to the life, safety, health and continuity of city-wide operations following storm events. Eleven critical facilities are exposed to at least one hazard in Cocoa. All listed facilities are located in a flood zone. Three lift stations risk exposure to natural threats, with two stations impacted by storm surge, sea level rise, FEMA floods, and shallow coastal flooding. Facilities that are located in shallow coastal flooding areas should be assessed further by the City as they would potentially be the most vulnerable to flooding in the future. Cambridge Elementary School acts as a shelter in emergency situations and faces inundation threats by the Zone AE flooding. While this analysis was based on exposure of the building footprint to each vulnerability, as noted previously in the report, access to these facilities should also be considered.

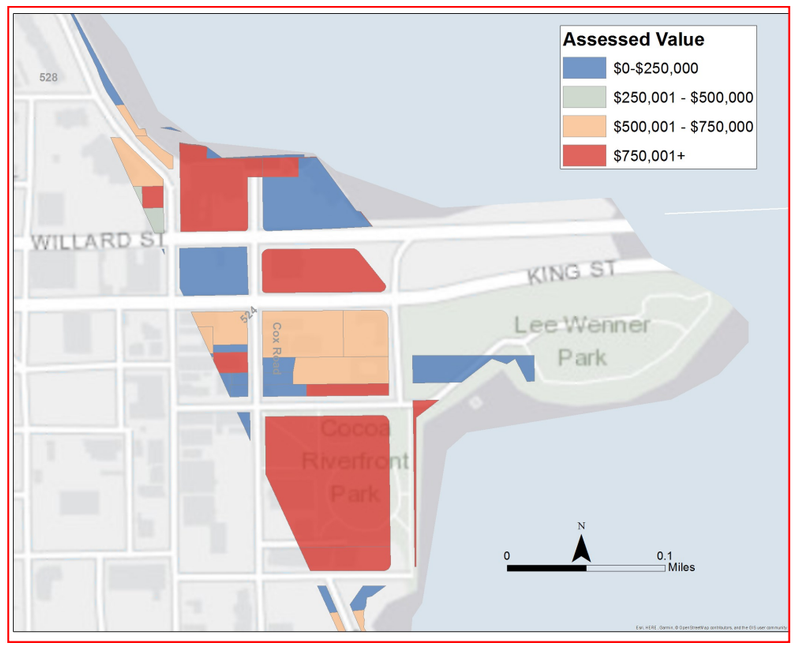
Facility	Facility Type	Storm Surge Zone	ACOE SLR Horizon	NOAA SLR Horizon	Flood Zone	Shallow Coastal Flood Area
ATM Recycling	Waste Facility	None	None	None	Zone A	No
Beyel Brothers Inc - Cocoa	Waste Facility	None	None	None	Zone A	No
Cambridge Elementary School	School (Shelter)	None	None	None	Zone AE	No
Central Brevard Library	Government	None	None	None	None	No
City Point Electric Substation	Utility	None	None	None	Zone A	No
Cocoa Lift Station #1	Utility	Category 4	2100	2100	500 Year	Yes
Cocoa Lift Station #24	Utility	None	None	None	500 Year	No
Cocoa Lift Station #45	Utility	Category 2	2100	2070	Zone AE	Yes
Eastern Florida State College	School	None	None	None	500 Year	No
Goodson Paving	HazMat Facility	None	None	None	Zone A	No
Vernita Jones Family Day Care	Day Care	None	None	None	500 Year	No



Adaption Action Area

An Adaptation Action Area (AAA) is a designation tool for prioritizing infrastructure development and policy implementation to areas impacted by both Category 3 Storm Surge and the Army Corps of Engineers' (ACOE) 2070 Sea Level Rise projection. The City of Cocoa is impacted by Storm Surge Category 3 and AOE 2070 Sea Level Rise along its coast. Cocoa's downtown area is completely vulnerable to these hazards and therefore should be within the Adaptation Action Area. Indian River Drive, which snakes along the coast, is the de facto boundary for the AAA. Gray and green infrastructure can be used to alleviate flooding urban areas. Implementing these strategies require an understanding of the existing and impending hazards, as well as the City's fiduciary responsibility. AAAs should incorporate synergetic and geographically focused elements to appropriate suite the environment.

Downtown Cocoa is home to some of the City's most expensive properties. These properties are exposed to nearly all hazards and pose a large financial liability for business and property owners.





Financial Impacts

Approximately 202 parcels in the City of Cocoa could be impacted by shallow coastal flooding. The assessed value of these properties is $170.3 million. Almost 60% of buildings on these vulnerable properties were constructed before 1968 which was food insurance was first required for properties in flood-prone areas beginning in 1968. The highest-value-clusters of lagoon-adjacent properties exposed to this hazard are located in Cocoa Village.

Storm surge is expected to have a large financial impact on the City of Cocoa. In the event of a category 1 surge, vulnerable land is assessed at $167,000,000. For the most severe surge, a category 5, assessed land value balloons to over $222,000,000. Forty-six percent of vulnerable structures in storm surge areas, are immediately at risk in a category 1 coastal high hazard event. Property in the City of Cocoa is also at risk to sea level rise. According to NOAA time horizons, the city will see substantial impacts as early as 2040. Property value of over $170,000,000 is susceptible to inundation by this year. Nearly 60% of all structures on property impacted by NOAA's 2040 curve were built pre-1968, meaning their construction standards are much lower than the modern standards in place today. The 2070 NOAA curve will see impacted property values creep to $182,00,000 and will exceed $200,000,000 by the 2100 horizon year.

The Army Corps of Engineers projection curves have a starkly different outlook. According to this projection, the City of Cocoa wont see property damage until the 2070 horizon year, where 9 parcels will impacted. This number jumps to 118 parcels and $138,000,000 worth of damages by 2100.

Nuisance Flooding Area					Built Pre-1968	Built 1968-2001	Built 2002 - 2018
Parcels in Zone	Number of Buildings	Land Value	Assessed Value	Taxable Value	# Buildings Total Value	# Buildings Total Value	# Buildings Total Value
139	116	$36,220,800	$170,315,380	$117,073,071	63 $38,238,830	37 $64,727,740	16 $63,219,240

Storm Surge Zone	# Parcels in Zone	Number of Buildings	Land Value	Assessed Value	Taxable Value	Built Pre-1968 # Buildings Total Value	Built 1968-2001 # Buildings Total Value	Built 2002 - 2018 # Buildings Total Value
Category 1	147	122	$38,567,030	$167,898,010	$121,344,197	66 $33,822,220	40 $65,957,240	16 $63,657,980
Category 2	166	136	$39,819,710	$175,722,620	$127,616,687	75 $38,182,150	43 $67,621,240	18 $65,165,580
Category 3	184	154	$41,045,970	$181,746,490	$131,793,427	88 $41,908,540	46 $68,147,950	20 $66,936,350
Category 4	238	199	$43,072,530	$198,929,200	$145,845,217	117 $50,163,740	61 $76,620,500	21 $67,172,190
Category 5	309	262	$46,605,680	$222,136,100	$158,197,081	168 $67,201,480	71 $81,779,220	23 $67,838,720

Horizon Year	# Parcels in Zone	Total Number of Buildings	Value of Parcels in Zone	Built Pre-1968 Buildings Total Value	Built 1968-2001 Buildings Total Value	Built 2002 - 2018 Buildings Total Value
2040 *ACOE Curve*	0	0	$0	0 $0	0 $0	0 $0
2070 *ACOE Curve*	9	5	$2,866,420	1 $381,930	4 $1,967,460	0 $0
2100 *ACOE Curve*	117	93	$138,096,960	45 $22,184,470	37 $63,097,470	11 $48,754,290
2040 *NOAA Curve*	139	118	$170,051,950	69 $40,726,030	34 $62,611,440	15 $62,788,110
2070 *NOAA Curve*	167	137	$182,276,330	79 $46,026,520	43 $67,583,770	16 $64,057,990
2100 *NOAA Curve*	220	186	$203,760,390	105 $54,672,340	61 $77,054,700	21 $67,172,190

PUBLIC ENGAGEMENT

This section of the report discusses the Resilient Cocoa project's public engagement process, which included several outreach activities targeting residents and business owners.

Public Workshop

The City hosted a public workshop on February 12, 2019 at the City of Cocoa Chambers, which was facilitated by ECFRPC. The first part of the meeting included a presentation that illustrated how Cocoa might be affected by nuisance flooding, storm surge, and sea level rise. This was followed by a series of community engagement activities where the meeting's participants identified vulnerabilities, focus areas, and strategies to create a more resilient city. The ECFRPC used this information to develop a public survey for the City's residents.

Open House

The City hosted an open house on May 21 that included presentations from the ECFRPC, Brevard County Emergency Management, and the County Environmental Services Office.

Public Survey

As part of the community outreach process, the ECFRPC prepared an online survey using the MetroQuest public engagement software. The objective of the survey was to gather public input about the areas that City officials need to prioritize to make Cocoa more resilient to natural disasters and sea level rise. This survey was launched on March 20, 2019 and ended on April 18, 2019. City of Cocoa officials used a variety of methods to advertise the survey including the City's Facebook page. Moreover, Spectrum News 13 ran a story about the project on March 25, which included a link to the survey. Because of these efforts, a total of 152 participants completed the survey. Close to 70% of the respondents where either full-time or seasonal Cocoa residents. The majority of the participants were either newcomers to the City (less than five years) or long- time residents (21+years). Finally, most of the respondents were over 40 years old, which follows the City's demographics very closely.



The city of Cocoa is working with residents to best prevent catastrophic flooding. (Spectrum News image)

Experts: Cocoa Could Face More Flooding Due to Sea Level Rising

By Krystel Knowles

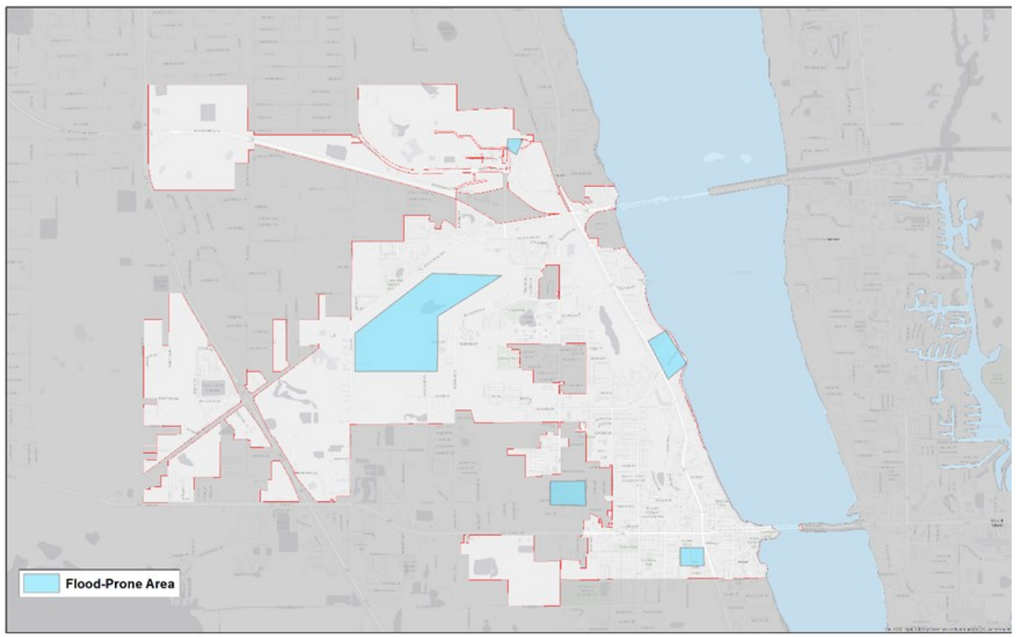
PUBLISHED 5:46 PM EDT Mar. 25, 2019 | UPDATED 6:09 PM ET Mar. 25, 2019

SHARE

COCOA, Fla. — The city of Cocoa is working to prevent potentially serious flooding. According to new data, the coastal city might be even more prone to flooding. Now, officials are looking for some help from residents.

- Sea level rising could make Cocoa more prone to flooding
- City asking residents to take survey to help with curbing damage
- LINK: Take the Cocoa survey here



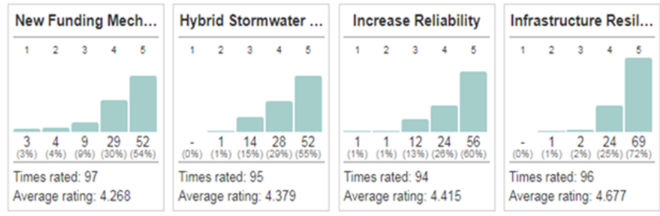


The first question of the survey asked participants to rank five vulnerabilities, which were based on input from the public workshop and the Brevard County Local Mitigation Study. Based on the combined survey results, the top three vulnerabilities were Inadequate Infrastructure, Hurricane and Storm Surge, and Flooding. After choosing their top three vulnerabilities, participants were then asked to show their support for several defined strategies by rating them on a one to five scale.

The highest rated strategies under the Inadequate Infrastructure vulnerability were identifying aging storm water/drainage infrastructure, requiring all infrastructure to incorporate new loads and meet current demand, and incorporating engineering and natural features to manage surface runoff. Under the Hurricane and Storm Surge vulnerability, survey participants want the City of Cocoa to focus on identifying critical infrastructure needs for storm preparedness recovery, using vegetative solutions along the Indian Rive Lagoon to reduce storm surge impact, and adapting the City's building and land development codes for greater resiliency standards. To address flooding, respondents also want the City to identify areas and corridors to prone to recurrent inundation, increase the number of green spaces that could be used for storm water retention, and develop a plan that incorporates best practices for grey and green infrastructure.

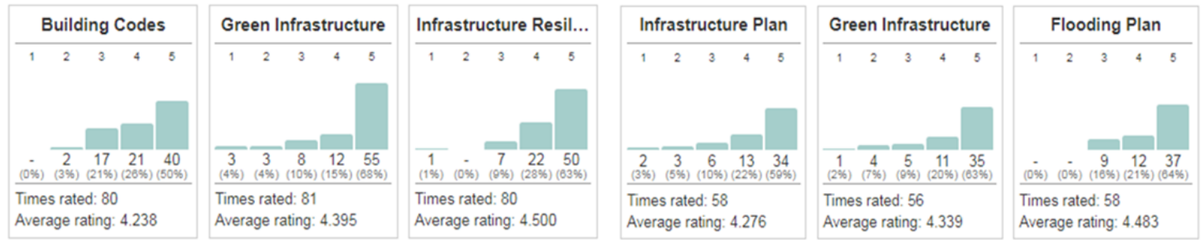
Finally, the survey asked respondents to prioritize areas that City officials should emphasize to create a more resilient Cocoa. The selected priorities include determining appropriate measures to mitigate, adapt or relocate critical infrastructure and assets vulnerable to extensive flooding and storm surge, updating codes & policies to promote the use of conservation lands and on-site natural features to protect water quality and manage storm water runoff, and promoting redevelopment in the least vulnerable areas.

Inadequate Infrastructure



Hurricane and Storm Surge

Flooding



Vulnerability	Vulnerability Description	Survey Rank
Economic Resiliency	Natural disasters can disrupt business operations and in the worst case scenario lead to closures and jobs losses in the community	4
Flooding	Standing water due to rainfall, tropical events, and high tides	3
Inadequate Infrastructure	Storm water infrastructure (retention ponds, ditches, curbs, sewer pipes) helps to manage water from rain events and prevent flooding. Failing septic tanks can pollute nearby water bodies such as the Indian River Lagoon	1
Hurricane and Storm Surge	Elements associated with hurricanes including wind, rain, utility failure, and surge from ocean and lagoon waters	2
Vulnerable Populations	Certain groups such as the elderly and the poor are particularly vulnerable when a disaster strikes	5

Business Outreach

Different from other concurrent studies, the Resilient Cocoa project included a business resiliency component. The ECFRPC and City reached out to Cocoa businesses in two ways. First, the ECFRPC hosted a business workshop on March 26, 2019. This event introduced attendees to the concept of resilience, explained the goals of the project, and finished with an interactive public engagement exercise using the Mentimeter polling software. The objective here was to identify the main challenges faced by businesses after a major storm event, and determine the most critical City services before and after a natural disaster. According to the meeting attendees, the most useful services before the storm were sand bags, tree trimming, and debris removal. After the storm, businesses benefited the most from water restoration, law enforcement, and debris clean up. Most of these businesses reported that they closed for at least a week after Hurricane Irma.

In addition to holding this event, the ECFRPC also prepared a survey for businesses. This questionnaire was shared by the City of Cocoa's Economic Development Specialist during her site visits with the area businesses. The survey questions were very similar to the ones asked at the business workshop. However, it also inquired businesses if they would be interested in developing a business continuity plan. City staff and the ECFRPC will be following up with those establishments that requested learning more about this process.





COCOA FLORIDA

Is Your Business Prepared for an Emergency?

The City of Cocoa and the East Central Florida Regional Planning Council are developing a plan to create a more resilient Cocoa. Resiliency is the capacity of communities and businesses within a city to bounce back after a natural disaster.



As part of this process, the City will be hosting a business workshop to learn how Cocoa businesses are preparing for natural disasters. For more information about this meeting, please contact Samia Singleton at (321) 433-8577 or via-mail at ssingleton@cocoafl.org.

ECONOMIC IMPACT ANALYSIS

According to most scientists, changes in the climate over the next decades will lead to an increase in the number and intensity of heavy rainfall events. From 1900 to 2015, the United States experienced a four percent increase in annual average precipitation nationwide. The frequency of these intense rain events could increase between two and five times if emissions are not curtailed (Center for Climate and Energy Solutions, 2017). In Brevard County, Tropical Storm Fay (2008) and Hurricane Irma (2017) brought relentless precipitation that overwhelmed storm water infrastructure and caused inundation throughout the area.

Urban areas are especially susceptible to flooding because of the abundance of impervious surfaces (parking lots, rooftops) and lack of vegetation and soil that could slow and filter the water. These flash flooding events are not merely an inconvenience for both urban dwellers and workers, but can also have devastating events for small firms. Based on the preliminary results from the Cocoa Business Resiliency surveys, most local businesses were closed between two and five days after hurricane Irma. Several of them listed flooding as one of the causes for their involuntary closing. Therefore, preparing our commercial corridors for these intense precipitation events is of utmost importance for improving economic resiliency.

As part of the Resilient Cocoa project, the ECFRPC used the REMI PI+ model to explore how small businesses can be affected by strong precipitation events. This economic impact analysis is comprised of two scenarios. The "do nothing" simulation estimates the economic impact of not addressing the flooding events. The second scenario assumes that the City of Cocoa will use green infrastructure features to alleviate this situation.



Flooding along Delannoy Avenue in Cocoa Village (FloridaToday.com)

About the REMI PI+ model

Since 2005, The ECFRPC has been using the Regional Economic Models, Inc. (REMI) Policy Insight economic model to calculate the economic effects of a variety of policies and investments. The REMI model builds on the strengths of four major modeling approaches: Input-Output, General Equilibrium, Econometric, and Economic Geography. More detailed information about the model can be found at www.remi.com.

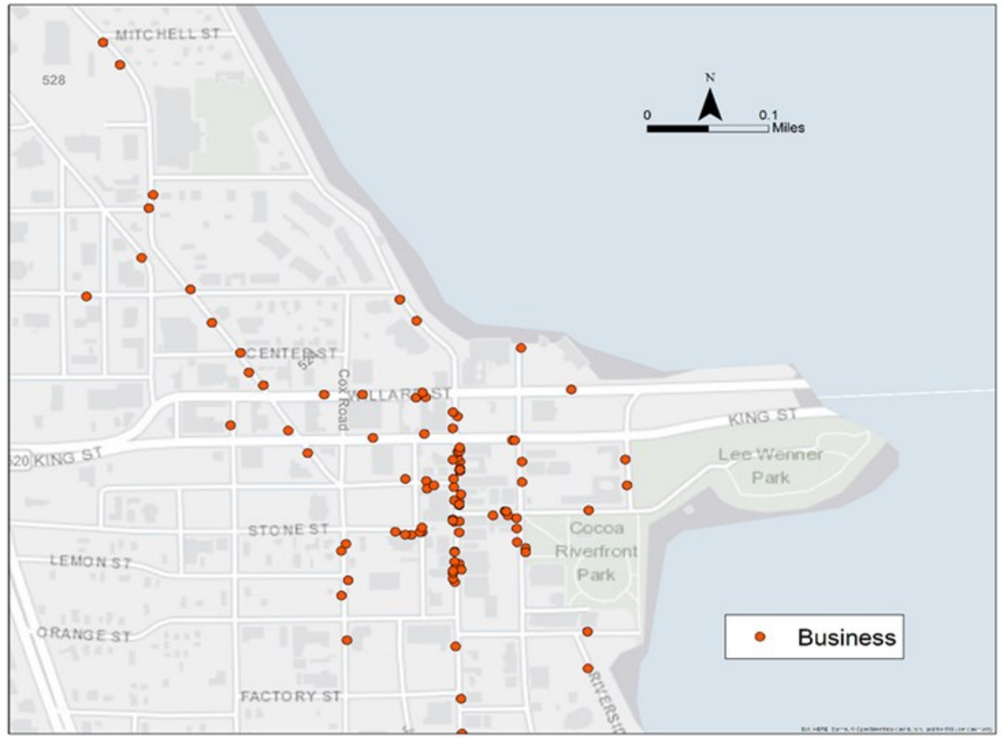
Methodology, Inputs and Assumptions

One of the areas affected by urban flooding events is Cocoa Village, which is the social and business hub. To develop the actual simulation, the ECFRPC identified all establishments located within Cocoa Village using Infogroup's Reference USA database and City Business Tax Receipt data. Home businesses, government offices, and those firms without a website or other form of verification were eliminated. This left a total of 181 business that employ close to 1,000 people. Most of Cocoa Village's businesses are within the Professional, Scientific and Technical Services category, which includes accounting, engineering, and law firms. This followed by Retail Trade establishments and Restaurants.

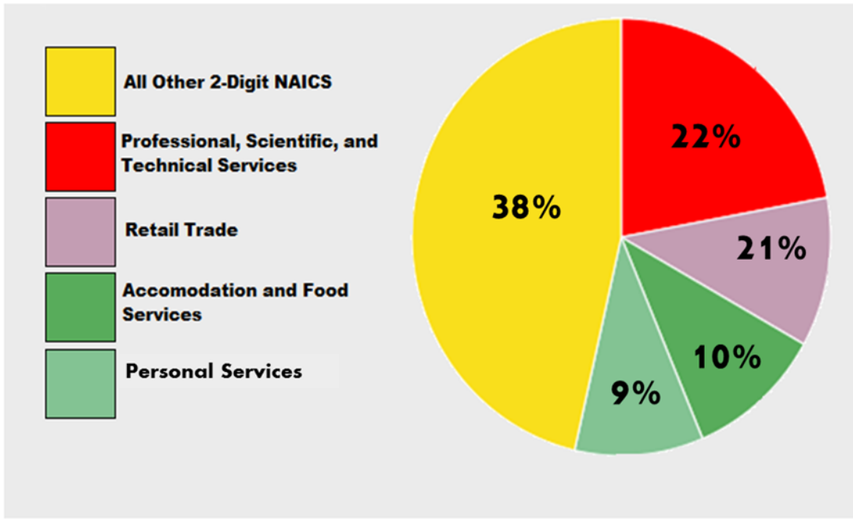
To calculate the economic impact of these business losses, the ECFRPC used total annual business sales (output) as provided by Infogroup. In the case where the business record did not have that information, the ECFRPC multiplied the total number of employees by REMI's labor productivity industry numbers for Brevard County to calculate the total output. In addition to this, staff also modified some of the NAICS codes for businesses that were obviously misclassified and recalculated the output using the labor productivity rates. A few of the establishments did not have any employment data. Here, the ECFRPC relied on the company webpages to estimate the number of employees. Based on Infogroup data and ECFRPC estimates, Cocoa Village businesses have a total of $139.5 million in annual sales.

More often than not, it is very difficult for businesses to recoup the amount of sales lost because of a weather event. Because of this, the ECFRPC decided to estimate the effect that these momentary business closures could have in Brevard County's economy over a long term period using Cocoa Village as a case study. The economic impact was measured based on changes to the total output/sales of Cocoa Village businesses.

Cocoa Village Business District



Cocoa Village Business Structure



Scenario 1: Do Nothing Scenario

The ECFRPC developed the first scenario of increasing business closing days based on changes to the weather patterns over a 31-year period. Staff aggregated annual business sales by industry and then divided this number by 365 to get the total daily output. This number was then multiplied by the total number of days that the businesses will be closed because of a flooding event. Based on the literature examined for this project and the results of the business surveys, the ECFRPC assumed that the total number of days would be increasing gradually over the next three decades. All numbers were entered as negative.

According to REMI, on average, the reduction of Cocoa Village's business sales results in the loss of 1,370 jobs when compared to the regular forecast. This employment estimate includes full-time, part-time, and temporary positions, which the model gives equal weight. Often referred to as total sales volume, output measures the gross level of business revenue which includes both the costs of labor and materials (intermediate inputs) and value added activities (compensation and profits). Since business output is the broadest measure of economic activity, it tends to generate the largest numbers. This new scenario shows that on average there will be a decrease of $111 million in sales during the study period. Personal income refers to total earnings from employee compensation, wage supplements, rents, transfer payments, and other business ventures. There will be a loss of $128 million. Finally, gross regional product (GRP) represents the market value of all goods and services produced by labor and property, regardless of nationality. Based on the results of this simulation, these flooding events will reduce facility will Brevard County's GRP by $56 million.

Total Sales/Output by Industry in Cocoa Village

Industry	Annual Sales	Daily Sales
Retail Trade	$22,445,185	$61,494
Wholesale Trade	$18,012,974	$49,351
Full Service Restaurants	$15,208,075	$41,666
Legal Services	$11,708,000	$32,077
Real Estate	$11,698,868	$32,052
All Other Industries	$60,429,933	$165,561
Total	$139,503,035	$382,200

Sources: Infogroup, ECFRPC Calculations

Annual Output Losses by Number of Flooding Days

Forecast Period	Number of Flooding Days	Annual Output Loss
2020-2030	3	-$1,146,600
2031-2040	5	-$1,911,000
2041-2050	7	-$2,675,401

Sources: Infogroup, ECFRPC Calculations

Scenario 2: Adoption of Green Infrastructure Scenario

The second scenario estimates the economic impact of adopting a green infrastructure program to alleviate flooding within the Cocoa Village district. Smart Growth America and the Center for Climate and Energy Solutions (C2ES) promote the use of green features such as rain gardens and green roofs to help manage storm water in urban areas. One problem encountered when constructing this model is that none of the literature studied for this report stated the degree to which green infrastructure can help alleviate flooding. Therefore, the ECFRPC assumed that there will be one less flooding day because of the incorporation of green infrastructure elements. This would in turn reduce the amount of business output lost during the study period.

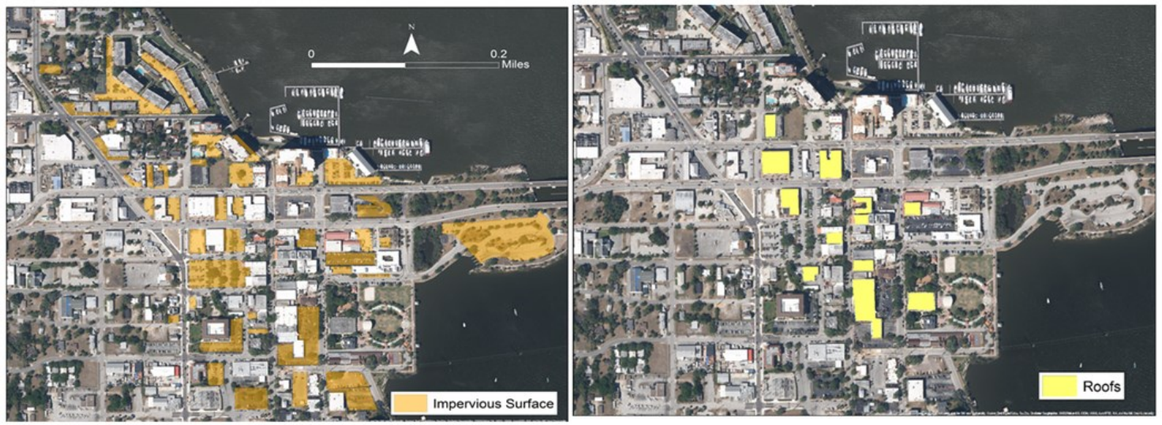
Incorporating this new infrastructure would certainly have its costs. According to C2ES, the price for installing green features ranges from $7 per square foot for permeable concrete pavement to $10 for rain gardens and green roofs. A rain barrel can sell for about $50. To estimate the total costs for installing these features, the ECFRPC identified several parking lots and large commercial buildings with flat roofs within the Cocoa Village district. Staff used ArcGIS software to estimate the total square footage of these areas and then multiplied this amount by the unit/cost. The ECFRPC also estimated annual maintenance costs based on numbers provided by C2ES and the U.S. Environmental Protection Agency. Green infrastructure costs were entered into the model as a positive for Construction Industry Sales and as negative for the Local Government Spending. This means that while the construction industry will benefit from the new investment, the local government will have less money to pay for other goods and services. Maintenance costs were also calculated based on square footage, and were added annually as Construction-Building Repair and Maintenance.

Annual Output Losses by Number of Flooding Days with Green Infrastructure Intervention

Forecast Period	Number of Flooding Days	Annual Output Loss
2020-2030	2	-$764,400
2031-2040	4	-$1,528,800
2041-2050	6	-$2,293,201

Sources: Infogroup, ECFRPC Calculations

Largest Impervious Areas and Flat Roofs



Total Installation Costs

Green Infrastructure	Unit Cost	Total Square Footage	Installation Costs
Permeable Concrete Pavement	$7.00	390,130	$2,730,910
Rain Garden	$10.00	300,000	$3,000,000
Green Roofs	$10.00	105,760	$1,057,600

Sources: Brevard County Property Appraiser, ECFRPC Calculations

As explained on Scenario 1, failure to address flooding within the Cocoa Village District could cost 1,370 jobs, $111 million in sales, $128 million in personal income over a 31-year period. It would also reduce Brevard County's GRP $56 million. While these are countywide numbers, it can be assumed that the City of Cocoa would bear the brunt of these losses. On the other hand, Scenario 2 shows that introducing green infrastructure features in Cocoa Village would help to ameliorate the negative impacts that urban flooding can have on the economy. The economic indicators show the loss of 23 jobs, $2.8 million in sales, $3.8 million in personal income, and a reduction of $1.6 million to Brevard's GRP.

These results are based on the inputs and assumptions used to develop this scenario. Because of the dearth of quantitative data explaining the cost/ benefit ratio of incorporating green infrastructure projects into urban areas, the ECFRPC assumed that these improvements would only slightly reduce the number of flooding days experienced by Cocoa Village. The effectiveness of this approach to combat urban flooding could in reality be much greater than was presented in this simulation. However, using conservative assumptions is the best practice when developing economic impact scenarios.



Total Installation Costs

Green Infrastructure	Unit Cost	Total Square Footage	Installation Costs
Permeable Concrete Pavement	$7.00	390,130	$2,730,910
Rain Garden	$10.00	300,000	$3,000,000
Green Roofs	$10.00	105,760	$1,057,600

Sources: Brevard County Property Appraiser, ECFRPC Calculations

Comparison of Do Nothing and Mitigation Scenarios

Economic Indicator	Do Nothing Scenario	Mitigation Scenario
Total Employment	-1,370	-23
Output	-111,294,143	-2,870,968
Personal Income	-128,250,113	-3,806,452
Gross Regional Product	-56,004,711	-1,645,161

Sources: REMI PI+ East Central Florida Region v 2.2

RESILIENCE ACTION PLAN 2019- 2024

The City of Cocoa Resilience Action Plan is a culmination of the information collected as part of the vulnerability assessment and threat and hazard identification and reduction analysis (THIRA) , citizen input, and the East Central Florida Regional Resilience Action Plan (ECF RRAP), adopted by the City. The action plan is formatted and structured in a way to provide consistency between the City's action plan the ECF RRAP.

The East Central Florida Regional Resiliency Action Plan, completed in 2018 by the East Central Florida Regional Planning Council, was used as a model for some of the actions developed in this section of the report including the plan's goals and objectives. The ECFRPC also included strategies to address the findings of the vulnerability analysis, the public engagement process, and the economic impact analysis report.

The plan is organized by each goal and objective, includes the appropriate City department for ownership of each task, a level of priority and recommended year for which each task should be completed. Some tasks are labeled as "on-going" which signifies this task is recommended to be completed every year or continuously.

"Coming together is a beginning; keeping together is progress; working together is success."

– Henry Ford

Goals and Objectives

Goal #1: Leadership & Strategy | Promote leadership, education, and empowerment to foster resiliency

- Incorporate resiliency into local plans, policies and objectives.
- Plan fiscally to implement resilient and sustainable solutions to long term impacts.
- Implement strategies to promote adaptive measures that keep people and property safe.
- Engage and educate private sector stakeholders, elected officials, and others about ways to increase community resiliency.

Goal #2: Economic & Society | Provide opportunities to foster economic prosperity and social equity

- Protect high value assets from natural hazards.
- Educate businesses about access to funding and financial services related to resiliency.
- Facilitate and support the efficient recovery of business operations after an event.
- Improve social inclusion in decision making processes.

Goal #3: Infrastructure & Environment | Encourage responsible development and infrastructure solutions

- Prioritize the use of green infrastructure as a first line of defense.
- Promote interconnectivity of natural lands for habitat migration.
- Enhance stormwater systems to be more resilient.
- Improve water quality in surface water bodies.
- Incorporate resiliency into local plans, policies and objectives.
- Preserve and adapt the built environment to keep people and property safe.
- Improve community mobility while improving vulnerable transportation infrastructure.

Goal #4: Health & Well Being |Facilitate opportunities to improve community and environmental health

- Improve the capacity of the City to better respond to hazard events.
- Improve capacity of medical facility operations to prepare for and recover from hazards.
- Promote sustainable practices in government-owned facilities.
- Engage residents and business owners with locally relevant information.
- Improve access to resources for the homeless, special needs, elderly and poor.

Leadership and Strategy

Objective	Task / Recommendation	Department	Priority	Year
LS-3 **Promote Adaptive Measures to Protect People and Property from Natural Hazards**	Update Land Development Code to allow onsite-storm water management infrastructure such as rain gardens, native vegetation, living shorelines on private property.	Community Services SJRWMD UF IFAS Extension	High	1
	Partner with Brevard County Natural Resources to determine where living shorelines are appropriate. Prioritize areas for implementation.	Public Works Brevard Natural Resources	High	2
	Plan and conduct a workshop with residents and businesses to determine obstacles that they face in improving their property to be more resilient to natural hazards and how the City can help.	Community Services Public Works	Low	2
	Research best practices for community parking standards and strategies to address the heat island effect.	Community Services	Medium	2
	Identify publicly-owned parking lots that could be retrofitted using green infrastructure and permeable surfaces.	Community Services	Medium	2
	Update City's Land Development Code to adopt best practices to mitigate the heat island effect.	Community Services	Medium	3
LS-4 **Educate local stakeholders about ways to increase community resiliency**	Identify elected and non-elected resiliency advocates to participate in regional initiatives such as the East Central Florida Regional Resilience Collaborative.	All Departments	High	1
	Educate newly-elected officials about the City's primary vulnerabilities and hazard mitigation strategies.	City Administration ECFRPC Florida Sea Grant	Medium	2
	Develop or partner to conduct at least one workshop a year or various one-on-one meetings with private sector stakeholders to educate and train them on sustainable practices, such as continuity of operations plans, the importance of emergency generators, and other topics.	Emergency Management	Low	2
	Create social media venues to encourage Sustainability and Resiliency efforts.	City Administration	Low	2
	Encourage hands-on community education and volunteer activities to educate residents about resiliency.	Community Services UF IFAS Extension Brevard Public Schools Surfrider Foundation	Low	3
	Create and mail infographics to educate the public about the economic and environmental benefits associated with the property improvement strategies covered in the City's Sustainability Plan.	City Administration	Medium	4
	Re-evaluate workshops and educational materials to determine gaps and lessons learned.	Community Services	Low	5+

Health and Wellbeing				
Objective	**Task / Recommendation**	**Department**	**Priority**	**Year**
HW-3 **Promote sustainable practices in government-owned facilities.**	Assess the feasibility of creating an incentive program to promote sustainability within the City of Cocoa.	Community Services	High	1
	Assess and update future land use and zoning codes to limit or mitigate the placement of government buildings in vulnerable areas.	Community Services	High	1
	Identify locations for electric charging stations, especially near/at publicly-owned properties and high employment areas.	Community Services Public Works	Low	2
	Update local codes and policies to promote sustainable and Low Impact Development practices for government owned facilities.	Community Services	Medium	2
	Conduct an energy audit within the City and develop strategies to mitigate the effects of the greenhouse gas effect.	Public Works	Medium	3
	Partner or develop programs/incentives to install community gardens and green roofs on public buildings.	Community Services Public Works	Medium	4
	Work with the Brevard Public Schools (BPS) to promote the use of green building techniques and sustainable practices.	Brevard Public Schools Community Services	Low	4
	Reassess sustainability plan and metrics associated with the implementation of sustainable building practices in government facilities.	Community Services Public Works	Medium	5+
HW-4 **Engage residents and business owners with locally relevant information about expected future changes in natural hazards and sustainable practices.**	Evaluate existing programs in other jurisdictions and agencies aimed at educating residents and business owners about imminent natural hazards and sustainable practices.	Community Services Emergency Management	Medium	2
	Develop an in-depth community outreach program, outside of the storm season and following an event, to identify needs and barriers associated with resource accessibility and disaster response.	FEMA Emergency Management	Medium	2
	Develop an incentive program to increase the energy efficiency and resilience of homes and businesses.	Community Services	Medium	3
	Evaluate the creation of a tree canopy program to educate community about best landscaping practices, appropriate tree maintenance protocols, and yard debris removal.	Community Services	Medium	3
	Host a minimum of four events annually to educate the community about best sustainability and resiliency practices.	Community Services Emergency Management	Medium	3
	Develop a Return on Investment Infographic to be shared with homeowners and businesses that details the benefits of adopting a variety of resilient and sustainable practices.	Community Services	Low	4
HW-5 **Improve access to resources for the homeless, special needs, elderly, low income, and English-limited residents.**	Create/Continue “primary” social media account to relay all disaster-related information.	City Administration Emergency Management	High	1
	Develop and implement strategies to encourage greater pre-registration for special needs and seniors within the community.	City Administration Emergency Management	High	1
	Partner with the IDignity Program to ensure residents have essential documents before disasters.	City Administration Emergency Management	Medium	1
	Assess plans and policies to require development of future affordable housing choices outside of vulnerable areas and with access to transit, jobs, and resources.	Community Services	Medium	2

Economy and Society				
Objective	**Task / Recommendation**	**Department**	**Priority**	**Year**
ES-1 **Protect high-value assets from natural hazards.**	Develop and adopt policy language that prohibits the development of high value assets in vulnerable areas or if necessary, are mitigated to the greatest extent possible.	Community Services Public Works Emergency Management	Medium	1
	Work with the community to identify local businesses such as gas stations, food suppliers or others that provide specific services or resources vital for recovery.	Emergency Management Community Services	High	2
	Identify resilience strategies and policies related to resilient rebuilding, relocation, fortification, mitigation or adaptation for critical facilities in identified vulnerable areas.	Public Works Utilities Emergency Management Community Services	Medium	2
	Develop a long-term financial plan for loss of or restructure of tax base in highly vulnerable areas.	City Administration	Low	5
ES-2 **Educate business about access to funding and financing services related to resiliency and sustainability**	Create, update and disseminate an educational infographic for businesses with funding and financing services for pre/post- disaster needs and sustainable practices.	Emergency Management Economic Development Chamber of Commerce Community Services	Medium	1
	Conduct a follow up workshop with business owners to determine status, needs, wants and constraints as related to implementing resilient and sustainable practices.	Economic Development Community Services ECFRPC	Medium	2

ES-3 **Facilitate and support the efficient recovery of business operations after an event**	Designate government official to serve as a liaison between the business community and the local government for resiliency efforts.	City Administration	High	1
	Develop a section on the City's website focused on disaster preparedness and include links to business continuity plan and employee disaster plan templates.	City Administration	Medium	2
	Research available templates for business and employee preparedness plans and create an outreach proposal for businesses to update these templates.	Community Services ECFRPC	High	2
	Develop a "one-pager" with best practices and links for responding to and preparing for hazard events. Create/update and disseminate an educational infographic for businesses with emergency information to access for post disaster needs.	Emergency Management Community Services Chamber of Commerce Career Source Brevard	Medium	2
	Develop a media package/press kit to implement after a disaster event to bring tourists back by showcasing that the area is open for business.	City Administration Economic Development Tourism Development Council	High	3
	Work with the identified local critical facility businesses to determine resources needed to aid in timely recovery efforts such as generators, mitigation projects, etc.	Emergency Management Community Services	Medium	3
	Consider implementing a long-term recovery plan for businesses to retain employees as soon as possible following a storm event.	Emergency Management Community Services	Low	4
ES-4 **Improve social inclusion in decision making process**	Apply for funding opportunities that could help finance resiliency projects such as onsite stormwater management, living shorelines, etc…	Public Works Community Services	Medium	Ongoing
	Host community meetings in underserved, low income communities to discuss projects within and just outside the community.	All Departments	High	1
	Engage with communities to identify gaps and priorities in the decision making process to improve social inclusion.	Community Services	High	1
	Train Community Services staff on Health Impact Assessments	ECFRPC	Medium	2
	Partner with local organizations and faith-based organizations to provide feedback concerning needs and opportunities specific to a project or program.	All Departments	High	2
	Create an outreach plan to involve all communities in the City to engage in local decisions.	Community Services	Low	2
	Create a timeline to develop and implement strategies identified in the City's Sustainability Plan as they relate to Civic Engagement.	Ciity Administration	Medium	3
	Implement the directive to conduct health impact assessments when considering projects that may affect underserved, low income communities, and determine benchmark health outcomes.	Community Services	Medium	3
	Implement the outreach plan.	City Administration	Low	3
	Reassess the gaps that remain in community involvement outcomes.	City Administration	Low	5+

Infrastructure and Environment

Objective	Task / Recommendation	Department	Priority	Year
IE-4 **Improve water quality in surface water bodies.**	Coordinate with other agencies/organizations to educate property owners about best management practices (BMP's) for reducing nutrient loads flowing into surface waters via residential, commercial, industrial and agricultural lands.	Community Services Indian River Lagoon Council SJRWMD	Medium	Ongoing
	Determine whether currently property buffers along the Indian River Lagoon are sufficient or could be enhanced to allow for the introduction of native vegetation that could help capture and filter storm water.	Water Resources	High	1
	Assess City's fertilizer ordinance to determine appropriateness of mirroring the County's ordinance.	Community Services Marine Resource Council UF IFAS Extension	Medium	2
IE-5 **Incorporate resiliency into local plans, policies, processes and objectives.**	Audit Comprehensive plan against other plans (i.e. Sustainability Plan, CRA plans, Downtown Development Plans, Economic Development Plans, LDRs,) to ensure compatibility of addressing resiliency and future development based on future conditions.	Community Services Public Works Utilities	High	1
	Assess other plans to reference the Coastal Community Services Area and incorporate language as appropriate.	Community Services	High	1
	Add and adopt policies to Comprehensive Plan, and other plans, that result from the recommendations identified in the Sustainability Plan.	Community Services	Medium	2
	Update Land Development Code to require all new development to design for a "net-zero" discharge or natural runoff.	Community Services	Medium	3
	Adopt Urban Design Guidelines that could protect and buffer structures from the impact of vulnerability hazard such as sea level rise, storm surge, flooding, wind damage, and the urban heat island effect.	Community Services	Low	4
	Develop prioritization process and funding mechanisms for infrastructure projects in the Coastal Community Services Area. Incorporate into CIP, the Stormwater master plan, long range transportation plan, and other appropriate plans and procedures.	Public Works	Low	5
	Continue to monitor sea level rise projections over time. Consider installing water monitoring stations to measure sea level rise within the City.	All Departments	Low	5+

IE-6 **Preserve and adapt the built environment to keep people and property safe**	Update Comprehensive Plan and Codes to ensure all affordable or low income developments are located outside of the Coastal Community Services Area and the 100-year flood zone.	Community Services	High	1
	Provide dedicated funding for annual tree maintenance near power lines to help prevent storm damage and allow access for electricity providers to fix broken power lines in an efficient manner following a natural disaster.	City Administration Public Works	Medium	2
	Research appropriate strategies for at-risk public infrastructure identified as part of the natural hazard vulnerability assessment.	Utilities Public Works	Medium	3
	Develop incentives for developers to build outside vulnerable areas or build in a resilient/sustainable way in vulnerable areas, using methods consistent with Low Impact Development (LID) standards, Florida Green Building Coalition, and others.	Community Services	Medium	5
	Conduct a risk assessment to determine wellfields, groundwater and underground infrastructure at risk to saltwater intrusion in Cocoa and areas of service.	Utilities Public Works	Medium	5+
IE-7 **Improve community mobility while improving vulnerable transportation infrastructure.**	Identify areas where bicycle and pedestrian improvements (including use of green strategies) can be included in transportation projects that mitigate roadways vulnerable to natural hazards (green streets).	Space Coast Transportation Planning Organization Public Works	Low	3

Selected References

Link	Reference Page
https://www.flsenate.gov/Committees/BillSummaries/2015/html/1100	4
https://www.flsenate.gov/Session/Bill/2011/7207/BillText/er/PDF	4
https://www.cocoavillageplayhouse.com/	6
https://www.cocoafl.org/Facilities/Facility/Details/1	6
https://myfloridahistory.org/default	6
https://svi.cdc.gov/map.html	7
http://www.shimberg.ufl.edu/	7
https://coast.noaa.gov/floodexposure/@-9041447,3241151,8z	10
https://msc.fema.gov/portal/search	11
https://www.geoplan.ufl.edu/	12

Appendices

Lift Station Name	Storm Surge Zone	ACOE SLR Horizon	NOAA SLR Horizon	Flood Zone	Nuisance Flood Area	Combined Zone
Lift Station 1	Surge 3	2100	2100	500 Year	Yes	2100
Lift Station 2	Surge 2	2100	2100	500 Year	Yes	2100
Lift Station 3	Surge 3		2100	None	Yes	2100
Lift Station 4	None		None	None	None	None
Lift Station 5	None		None	None	None	None
Lift Station 6	None		None	500 Year	None	None
Lift Station 7	None		None	None	None	None
Lift Station 8	None		None	None	None	None
Lift Station 9	None		None		None	None
Lift Station 10	None		None	None	None	None
Lift Station 11	None		None	None	None	None
Lift Station 12	None		None	None	None	None
Lift Station 13	None		None	None	None	None
Lift Station 14	None		None	None	None	None
Lift Station 15	None		None		Yes	None
Lift Station 16	None		None	None	None	None
Lift Station 17	None		None	None	None	None
Lift Station 18	None		None	None	None	None
Lift Station 19	Surge 2	2100	2100	Zone AE	Yes	2100
Lift Station 20	None	None	None	None	None	None
Lift Station 23	None	None	None	None	None	None
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Lift Station 43	None	None	None	None	None	None
Lift Station 44	None	None	None	None	None	None
Lift Station 45	Surge 2	2100	2100	Zone AE	Yes	2100
Lift Station 46	None	None	None	None	None	None
Lift Station 48	None	None	None	None	None	None
Lift Station 49	None	None	None	None	None	None
Lift Station 51	None	None	None	None	None	None
Lift Station 54	None	None	None	Zone AE	None	None

Technical Appendix: The Science Behind the Resilient Cocoa Project

The ECFRPC relied on several models to assess the economic impacts that each natural hazard would have on the City of Cocoa. These models have been developed by federal agencies, universities, and regional planning councils. This section provides more information about each model.

Storm Surge

The ECFRPC used the Sea, Lake, and Overland Surges from Hurricanes (SLOSH) Model developed by the National Weather Service to estimate storm surge heights. This model combines historical, hypothetical, and predicted hurricane data with atmospheric pressure, size, forward speed, and track data to determine the wind field that will drive the storm surge. The Atlantic coastline SLOSH model is divided into 32 regions or basins, categorized by their particularly vulnerable features: inlets, population densities, low-lying topography, and ports. In 2017, Florida's six basins were combined to form the South Florida Super Basin, which covers nearly all of South Florida and much of the peninsula's coastline. The storm surge analysis uses the NHC's Saffir-Simpson Hurricane Wind Scale to illustrate the storm's sustained winds, which ranges from a Category 1 to 5.

Sea Level Rise

This analysis uses two sea level rise projection curves: NOAA 2017 and US Army Corps of Engineers (USACE) 2013. The NOAA 2017 curve data was downloaded from NOAA's Digital Coast Sea Level Rise Viewer. It depicts the potential coastal inundation areas resulting from a 1- 10-foot rise in sea level above current Mean Higher High Water (MHHW) conditions. The data was produced using a "modified bathtub model" that accounts for local and regional tidal variability and hydrological connectivity. Two datasets are used to create the final inundation data: Digital Elevation Model (DEM) of the area and a tidal surface model that represents spatial tidal variability. This data does not account for erosion, subsidence or any other future changes in an area's hydrodynamics. The USACE data was obtained from the University of Florida's GeoPlan Center. This analysis also uses a "modified bathtub model" that applies a filter to remove isolated inundation areas not connected to a major waterway. The resulting inundation files represent the specific projection rate curve mapped on top of MHHW. Unfortunately, the USACE data curve begins in 2050.

Shallow Coastal Flooding

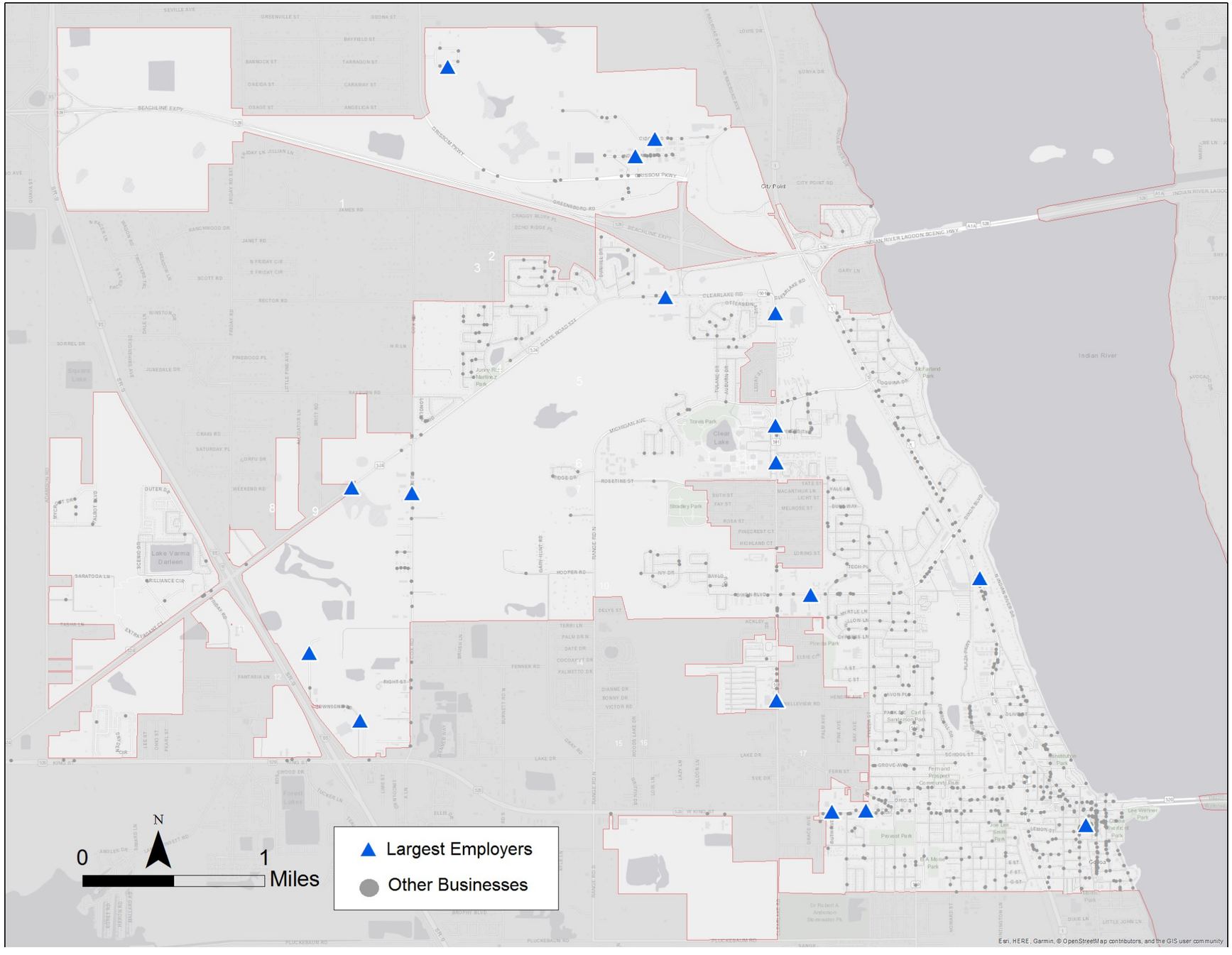
Coastal flood data was obtained from NOAA's Coastal Flood Exposure Mapper. The flood thresholds are derived from NOAA's Technical Report NOS CO-OPS 086: Patterns and Projections of High Tide Flooding along the U.S. Coastline Using a Common Impact Threshold. The report indicates that Brevard County's derived threshold for minor flooding (high tide) is 1.8 ft above mean higher high water height (MHHW). This data replaces the flood thresholds previously provided by the National Weather Service.

Storm Surge and Sea Level Rise

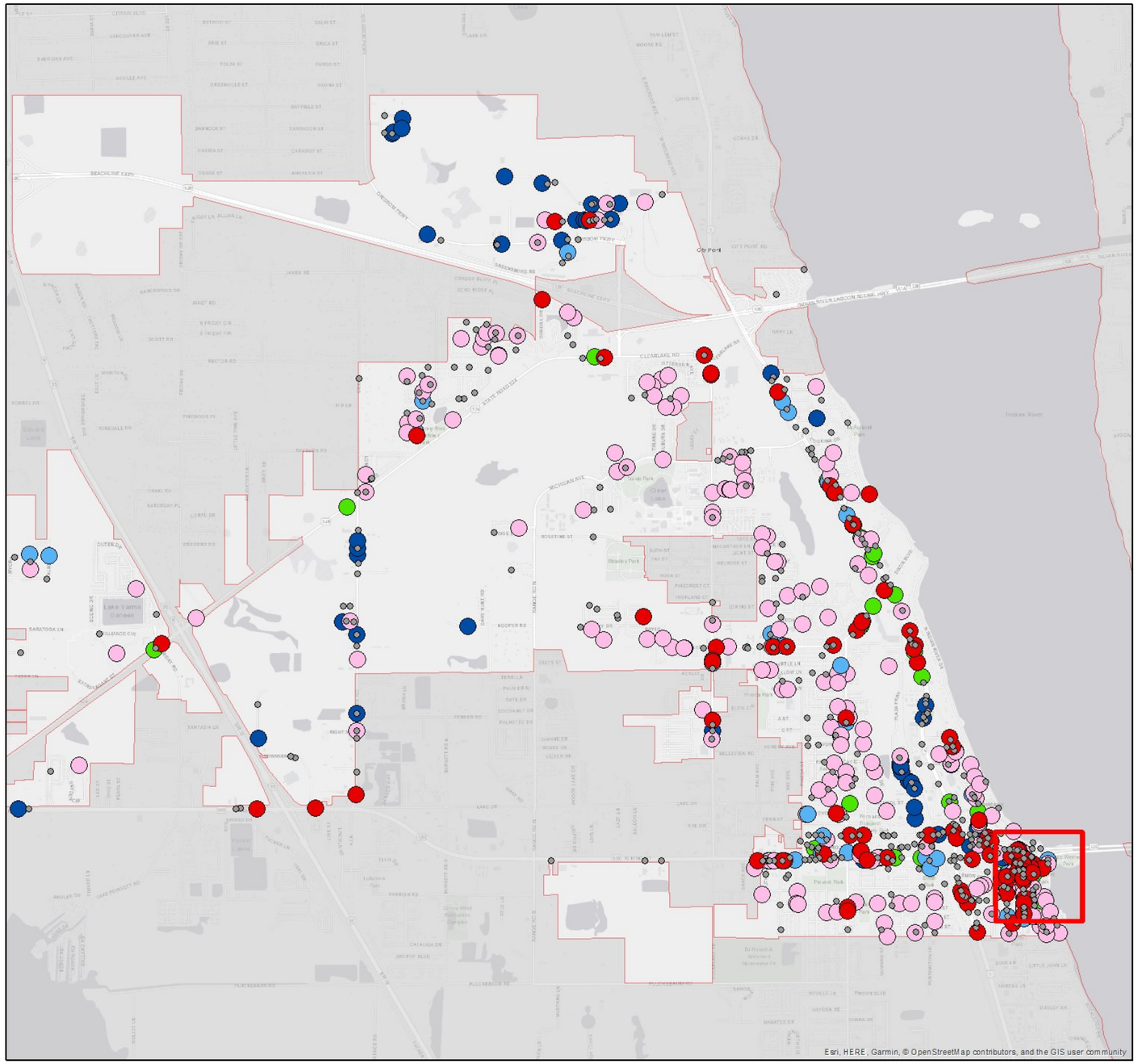
The Tampa Bay Regional Planning Council developed an ArcGIS Add-In Tool to model how future sea level rise conditions affect surge based on new National Hurricane Center's SLOSH "super basins" that provide greater resolution of data for storm surge modeling. The model allows users to analyze certain levels of sea level rise (ex: 4 feet) depending on what Horizon SLR curve they choose. The tool uses several data sources including Digital Elevation Model (DEM), SLOSH Basin, Sea Layer with hydrologic connectivity, and NOAA tidal gauges.

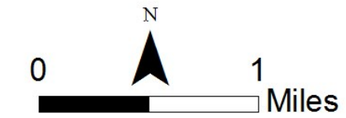
Maps

Largest Employers

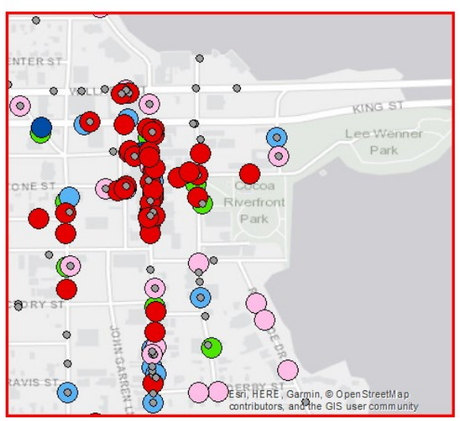


Total businesses by Type

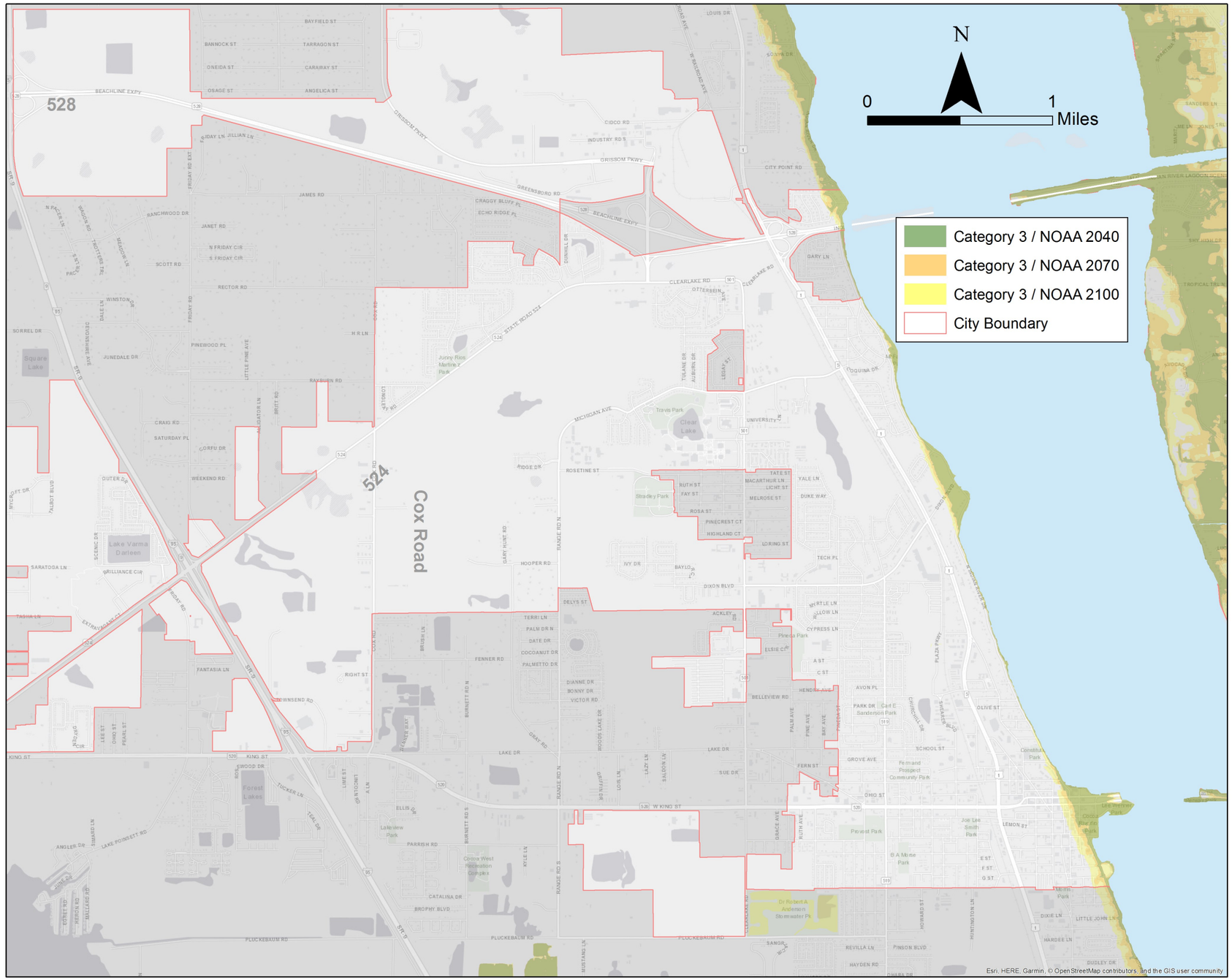




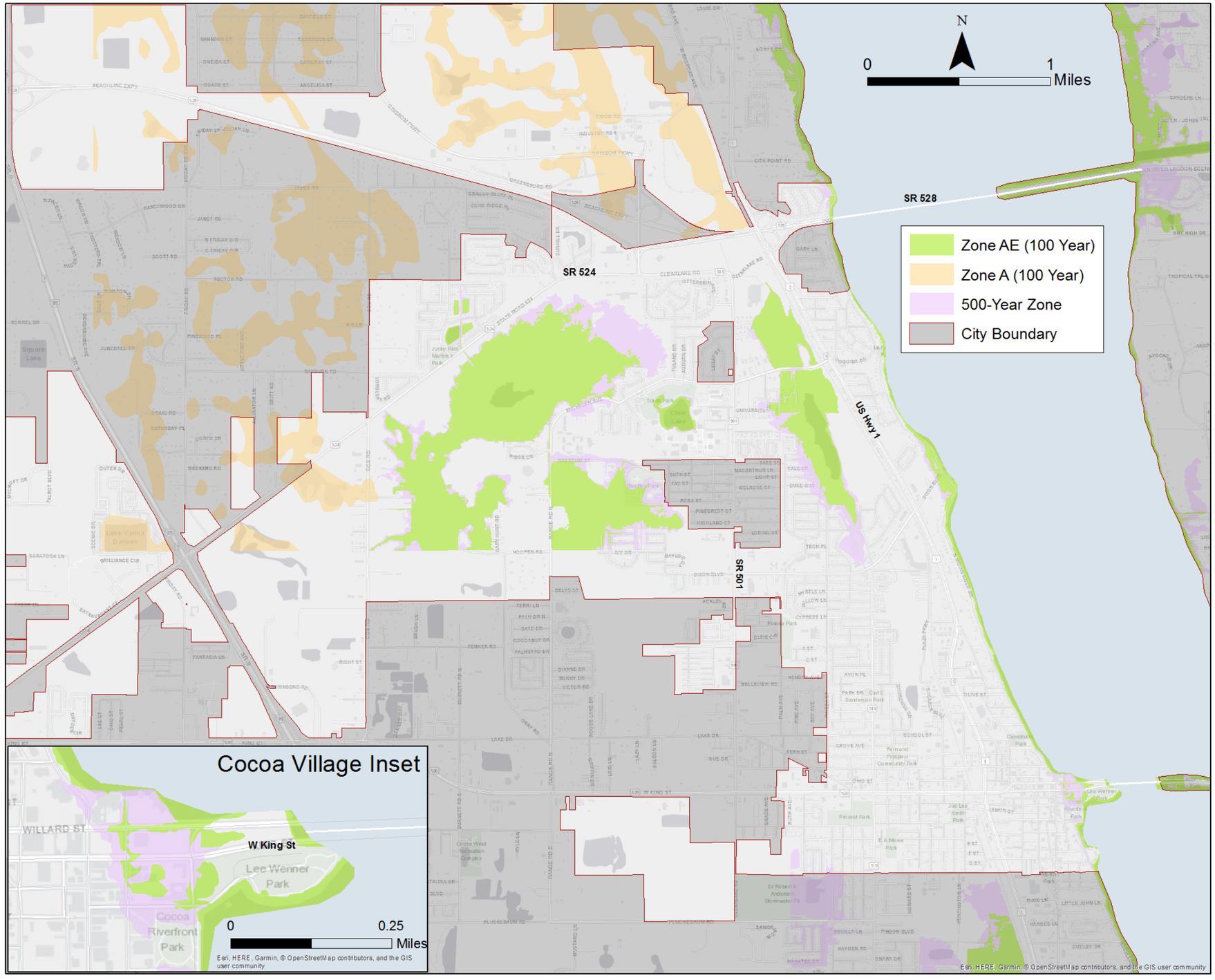
- Accomodation and Food Services
- Manufacturing
- Other Personal Services
- Real Estate
- Retail
- All Other Business Types



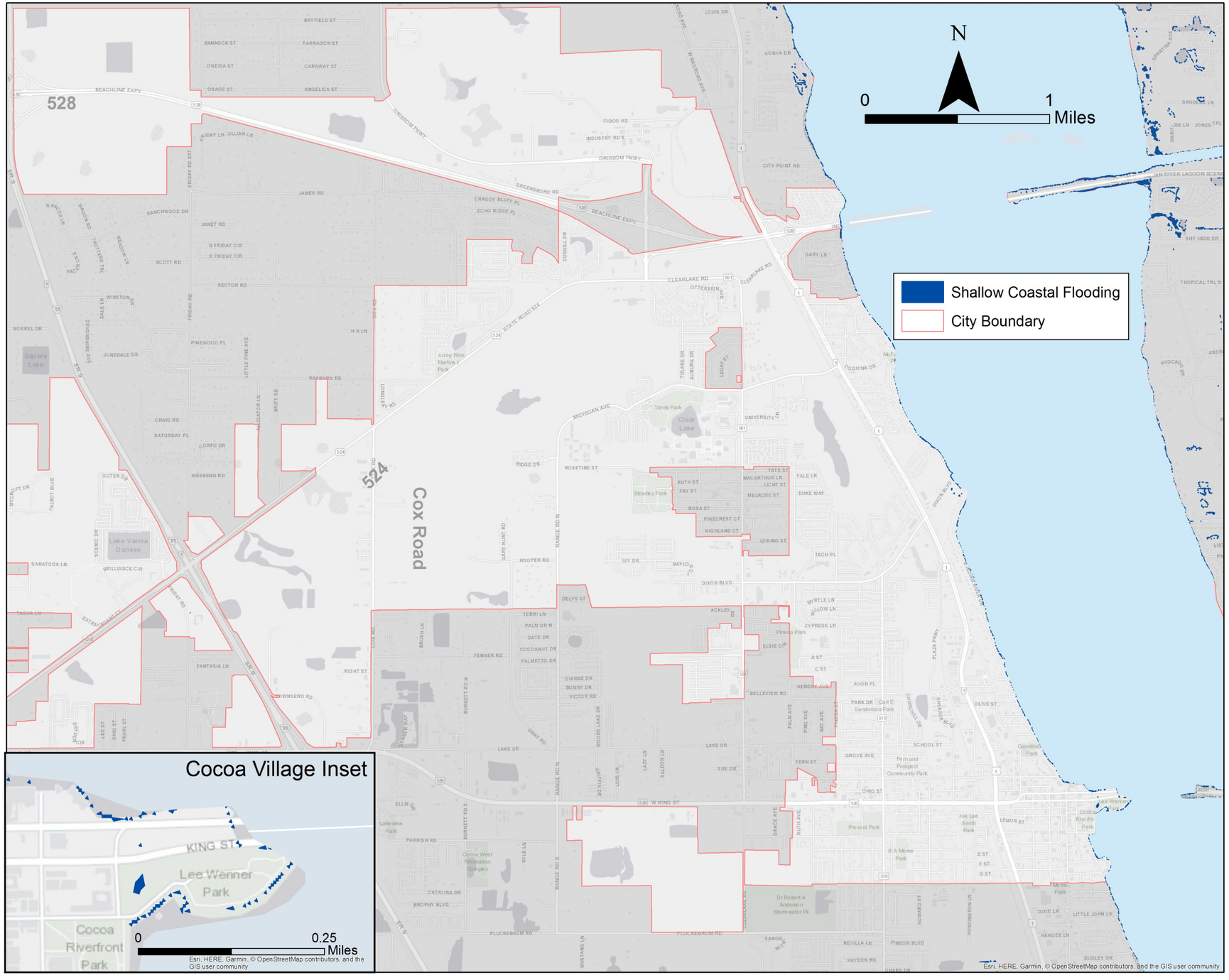
Storm Surge +Sea Level Rise Combo



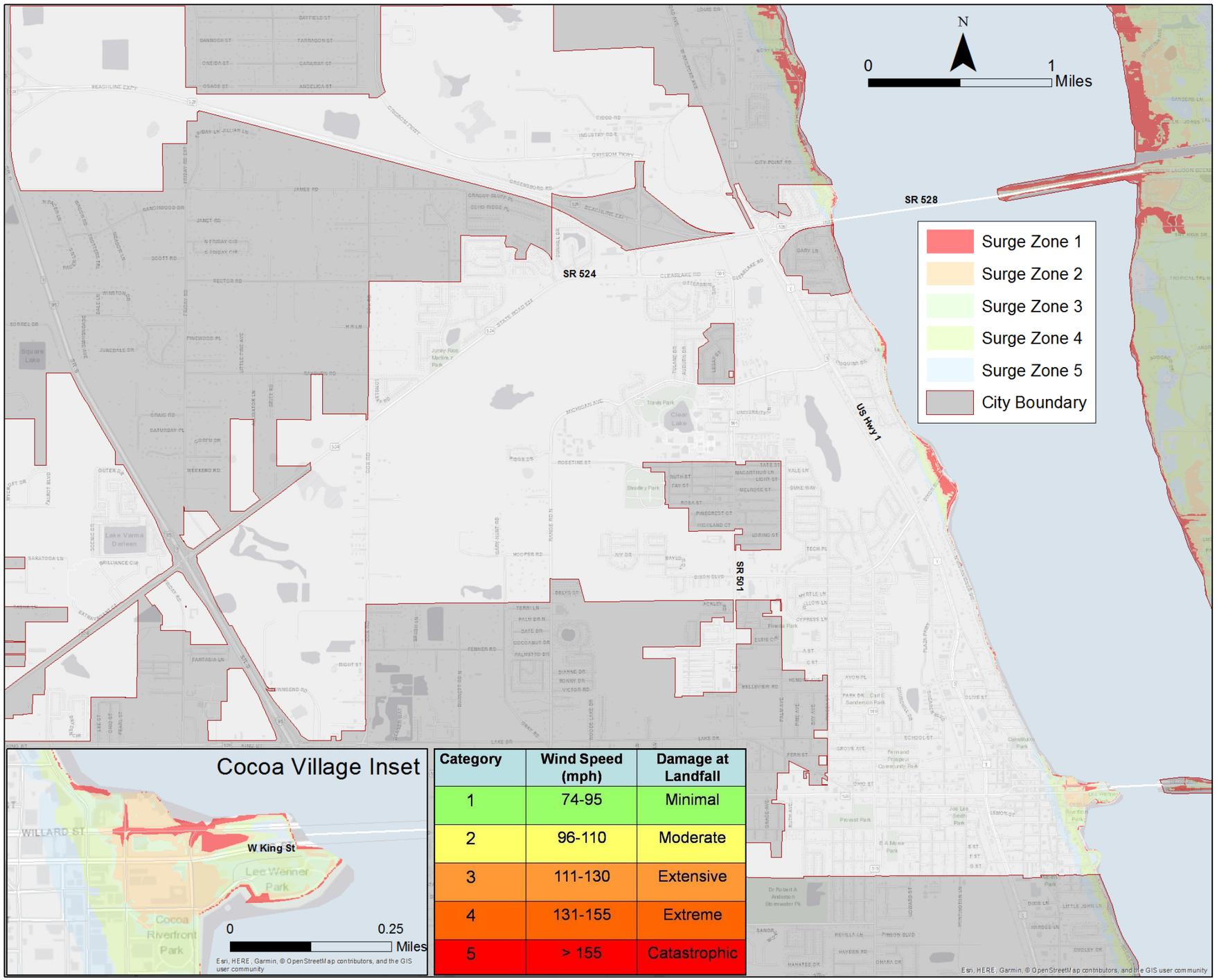
FEMA 100-Year and 500-Year Flood Zones



Shallow Coastal Flooding Map



Hurricane Storm Surge Zone



Category	Wind Speed (mph)	Damage at Landfall
1	74-95	Minimal
2	96-110	Moderate
3	111-130	Extensive
4	131-155	Extreme
5	> 155	Catastrophic

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No. of Affidavits: 1

Run Dates: 02/18/20

Text of Ad:

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CITY OF COCOA
NOTICE OF PUBLIC HEARING
NOTICE IS HEREBY GIVEN THAT
THE COCOA CITY COUNCIL
PROPOSE TO CONSIDER THE FOLLOWING:

A. Comprehensive Plan EAR (Evaluation and Appraisal Report) Amendment

Ordinance No. 13-2019
AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; ADOPTING AMENDMENTS TO THE CITY OF COCOA COMPREHENSIVE PLAN BASED ON THE CITY'S EVALUATION AND APPRAISAL OF THE COMPREHENSIVE PLAN PURSUANT TO SECTION 163.3191, FLORIDA STATUTES; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, INCORPORATION INTO THE COMPREHENSIVE PLAN; LEGAL STATUS OF THE COMPREHENSIVE PLAN AMENDMENTS; SEVERABILITY, AND AN EFFECTIVE DATE.

CITY COUNCIL WILL CONSIDER THIS ITEM ON
WEDNESDAY, FEBRUARY 26, 2020
AT 6:00 P.M. OR SOON THEREAFTER IN THE
COCOA CITY HALL COUNCIL CHAMBERS LOCATED AT
65 STONE STREET, COCOA, FL

Interested parties are hereby advised that they may appear at said meeting and be heard with respect to the application. All persons and parties are hereby advised that if they should decide to appeal any decision made by the City Council with respect to any matter considered at this hearing, they will need a record of the proceedings and that for such purpose, affected persons may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. The City Council reserves the right to continue or postpone hearings to a date certain without re-advertising.

Information pertaining to the above may be inspected at the Planning & Zoning Division beginning the Friday before the meeting, between 8:00 a.m. and 5:00 p.m., Monday through Friday, or by phoning (321) 433-8535.

The facility where this public hearing will be held is accessible to the physically handicapped. SPECIAL ACCOMMODATIONS: Persons with disabilities needing special accommodations to participate in this proceeding should contact the City Clerk's Office at (321) 433-8484 no later than 48 hours prior to the proceeding for assistance.

Legislation Details (With Text)

File #:	20-97	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Public Hearing
File created:	2/5/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Conduct a Public Hearing to obtain citizen input and comments on housing and community development needs; approve recommendations on FY2020-2021 CDBG and HOME program funding; and provide notice to solicit public comment and notice of final public hearing scheduled for May 13, 2020. (Community Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Exhibit A Public Hearing AD 2-6-20.pdf Rankings by Committee.xlsx				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 6, 2020
Agenda Date: February 26, 2020
Prepared By: Ibis S. Berardi, Housing Program Manager
Through: Nancy A. Bunt, Community Services Director
Requested Action:
Conduct a Public Hearing to obtain citizen input and comments on housing and community development needs; approve recommendations on FY2020-2021 CDBG and HOME program funding; and provide notice to solicit public comment and notice of final public hearing scheduled for May 13, 2020.

BACKGROUND:

For FY2020-2021, the City anticipates receiving $177,490 in Community Development Block Grant (CDBG) funds from the U.S. Department of Housing & Urban Development (HUD) as a direct entitlement. The City also anticipates receiving $65,872.88 in HOME Investment Partnership Program (HOME) funds from HUD as part of the Brevard County HOME Consortium, which is composed of the cities of Cocoa, Melbourne, Palm Bay, Titusville, and Brevard County.

The use of CDBG funds must meet one (1) of the three (3) National Objectives: benefit low/moderate income persons; eliminate or prevent slums or blight; or meet urgent needs. CDBG allows a maximum of 15 percent of the grant to be allocated to a public service agency and a maximum of 20 percent of the grant be allocated for staff administration.

HOME funds can only be used to address housing needs, such as: home purchase or rehabilitation

financing assistance; build or rehabilitate housing for rent or ownership; or for other reasonable and necessary expenses related to the development of non-luxury housing, including site acquisition or improvement, and demolition of dilapidated housing to make way for HOME-assisted development. Additionally, some special conditions exist with HOME funds. The City must provide a 25 percent match for every dollar of HOME funds used (except for administrative costs) from nonfederal sources and at least 15 percent must be set-aside for Community Housing Development Organization (CHDO) activities. Eight (8) percent is available for staff administration and the remaining allocation towards eligible HOME activities (Two (2) percent retained by Brevard County as lead agency).

All activities carried out with CDBG and HOME funds must be consistent with the priorities and needs of the five (5) year Consolidated Plan. A one (1) year Action Plan must be completed and submitted to HUD through Brevard County, Consortium's lead entity, addressing those needs. Prior to submittal, a 30-day public comment period and a second public hearing must be conducted. The FY2020-2021 Action Plan must be submitted to Brevard County by June 19, 2020 for submission to HUD.

Staff advertised a notice of funding availability along with a Request for Proposals (proposals) using the anticipated grant allocations. In addition to city staff generated requests, four (4) proposals were received. All proposals were reviewed at a publicly noticed meeting by a staff review committee. The committee consisted of: Charlene Neuterman, Deputy Community Services Director; Ibis Berardi, Housing Program Manager; Anthony Hagan, Grants Administrator; Christine Kuhn, Staff Accountant; Rebecca Bowman, Finance Director.

Proposals were reviewed and evaluated according to the criteria below:

A. Introduction (maximum of 10 points)
B. Demonstration of Need (maximum of 10 points)
C. Description of Target Clientele (maximum of 10 points)
D. Measurable Outcomes (maximum of 10 points)
E. Consolidated Plan Consistency (maximum of 10 points)
F. Organizational Capacity and Capability (maximum of 10 points)
G. Leveraging (maximum of 10 points)
H. Financial Capacity (maximum of 10 points)
I. Past Performance (maximum of 10 points)

The four (4) agencies that requested CDBG public service dollars were ranked by committee members as follows:

AGENCY NAME:	Charlene Neuterman	Ibis Berardi	Anthony Hagan	Rebecca Bowman	**TOTAL POINTS:**	**AVERAGE SCORE:**
Community Services Council	87	82	83	75	327	81.75
Central Brevard Sharing Center	86	81	77	82	326	81.50
Salvation Army	82	82	82	71	317	79.25
Family Promise	72	64	46	51	233	58.25

* Christine Kuhn, Staff Accountant only reviewed and ranked Financial Capacity, her score was added to each of the reviewers scores.

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Of the four (4) proposals submitted, four (4) requested public service funds related to the CDBG Program. The total amount of funds requested was $34,100 and the City will have approximately $26,623 available to support public services. As contained in the Request for Proposals, the minimum amount of funding per any CDBG public service agency is $5,000.

Based on thorough review of each agency's proposal and financial statements, the committee's recommendations are as follows:

CDBG Public Services - Maximum 15% allowed $26,623			
Name of Agen	**Description of provided**	**Amount Requested**	**Amount Recommended**
Community Ser Brevard - Senio Program.	Provide 9,200 v meals to 92 frai seniors.	$8,500	$8,500*
Central Brevard Center	Provide daily nu low/mod income	$15,000	$13,123*
The Salvation A Central Brevard	Provide daily nu provide basic n residents of the shelter.	$5,000	$5,000
Family Promise	Provide transpo individuals.	$5,600	$0.00
CDBG Other/Public Improvements - $115,369			
Section 108 Loa Program	Repayment of Section 108 Loa	$115,369	$115,369*
CDBG Administration - 20% - $35,498			
City Staff			$35,498*
Fair Housing			$1,000
Total CDBG Admin			$36,498
Total CDBG Allocation			***$177,490***
****Any increase or decrease in funding will be deducted from the award.***			

HOME Administration - 8% - $5,269*			
City Staff			$5,269*
HOME CHDO & Housing Set Aside - $60,603.88*			
CHDO Housing Activ	15% Mandatory CHD		$9,880*
Housing and CHDO	Housing Activities	$50,723.88	$50,723.88*
Total HOME Allocation			***$65,872.88***
****Any increase or decrease in funding will be deducted from the award.***			

All new applicants are required to attend a mandatory technical assistance workshop with staff prior to submitting an application, Family Promise was the only new applicant. This assists the applicant to ensure that the application meets all of the federal requirements of the grant prior to submitting the application. After the review committee scored Family Promise's application and did not recommend

funding, staff provided additional technical assistance to try to strengthen their application and encourage them to reapply next year.

As required by the City's Citizen Participation Plan, staff is requesting City Council hold a Public Hearing to obtain citizen input and comments on housing and community development needs and approve recommendations on FY2020-2021 CDBG and HOME Program funding. Upon City Council's approval, a 30-day public comment notice listing proposed projects along with the corresponding Action Plan will be advertised in the Florida Today newspaper. The notice will also inform the public of the date of the second and final Public Hearing, which will be held on May 13, 2020.

STRATEGIC PLAN CONNECTION:

Community Development (Redevelopment of the City's Core) - Supporting these projects the City will raise the quality of life for its residents, especially those underserved and disadvantaged.

BUDGETARY IMPACT:

No budgetary impact in FY2019-2020, funds shall be budgeted in FY2020-2021.

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Conduct a Public Hearing to obtain citizen input and comments on housing and community development needs; approve recommendations on FY2020-2021 CDBG and HOME program funding; and provide notice to solicit public comment and notice of final public hearing scheduled for May 13, 2020.

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Classified Ad Receipt
(For Info Only - NOT A BILL)

FLORIDA TODAY
FLORIDATODAY.com
A GANNETT COMPANY

Customer: CITY OF COCOA - TE

Address: 65 STONE ST
COCOA FL 32922
USA

Ad No.: 0004031043
Pymt Method Invoice
Net Amt: $65.68

Run Times: 1

No. of Affidavits: 1

Run Dates: 02/06/20

Text of Ad:

AD#4031043 2/6/2020
NOTICE OF PUBLIC HEARING
CITY OF COCOA

The City of Cocoa anticipates receiving approximately $177,490 in Community Development Block Grant (CDBG) funds and approximately $65,872.88 in HOME Investment Partnership funds for Program Year 2020-2021. Funds may be used for eligible activities, such as housing rehabilitation, land acquisition, public services, public facilities and improvements, or demolition and clearance.

The Cocoa City Council will hold a public hearing on Wednesday, February 26, 2020 at 6:00 pm in the Council Chambers, located at 65 Stone Street to obtain citizen input and comments on housing and community development needs and to approve recommendations on FY 2020-2021 CDBG and HOME program funding.

Persons with disabilities or non-English speaking persons requiring special accommodations to participate in the hearing should contact Ibis Berardi, Housing Program Manager at the City of Cocoa at (321) 433-8520 within 48 weekday hours of the hearing. Written comments must be submitted in person or by mail. Oral comments will also be accepted at the public hearing.

Legislation Details (With Text)

File #:	20-104	**Version:**	1	**Name:**	
Type:	Appointment			**Status:**	Council Busines
File created:	2/10/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Consider the Appointment of Mr. Randal Hiester as the 2nd Alternate Member to the Board of Adjustment. (Administrative Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Heister, Randal application.pdf Hiester Consideration Letter.pdf Board of Adjustment Roster.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 10, 2020
Agenda Date: February 26, 2020
Prepared By: Carie Shealy, City Clerk
Through: Tammy Gemmati, Administrative Services Director
Requested Action:
Consider the Appointment of Mr. Randal Hiester as the 2nd Alternate Member to the Board of Adjustment.

BACKGROUND:

The Board of Adjustment currently has a full board with the exception of the 2nd Alternate Member position. Mr. Randal Hiester submitted an application for membership to a City Board, and after the City Clerk spoke with him, he is interested in this position. He feels that this would help him get familiar with the City and the board as well.

He currently meets all qualifications for sitting on a City board and if appointed, he would not have an expiration date as an alternate.

A current Board of Adjustment Roster is attached for your review.

STRATEGIC PLAN CONNECTION:

NA

BUDGETARY IMPACT:

NA

PREVIOUS ACTION:

The City Council appoints and reappointments to City boards as vacancies arise and expirations occur.

RECOMMENDED MOTION:

Consider the Appointment of Mr. Randal Hiester as the 2nd Alternate Member to the Board of Adjustment

Carie Shealy [redacted]

From: noreply@civicplus.com
Sent: Thursday, January 16, 2020 4:49 PM
To: Carie Shealy
Subject: Online Form Submittal: Application for Board/Committee Membership

EXTERNAL MESSAGE - USE CAUTION WITH LINKS AND ATTACHMENTS!

Application for Board/Committee Membership

City of Cocoa Application for Board/Committee Membership
City Code requires prospective and existing board members to fill out an application, consent to a standard criminal background check, be duly registered to vote in Brevard County, and be a resident or an owner of real property in the City of Cocoa. City Code also prohibits a person from serving on a City Board or Committee if that person has been convicted of a felony, unless their civil rights have been restored.*

(Please Print)

First Name	Randal
Last Name	Hiester
Application Date	1/16/2020
Address1	5292 Talbot Blvd
City	Cocoa
State	Fl
Zip	32926
District	District 3
Home Phone Number	3215016369
Work Phone Number	*Field not completed.*
Cell Phone Number	3215016369
Other Phone Number	*Field not completed.*
Place of Business	Health First
Title/Position Held	Director

Date of Birth*	2/18/1963
E-mail Address	Rjhbjh2017@yahoo.com

**The information being requested is necessary in order to conduct a background check. Information will be used for those purposes only.*

(Section Break)

Various City Boards/Committees Available	Board of Adjustment, Planning & Zoning Board, Redevelopment Agency (Cocoa), Redevelopment Agency (US 1)

(Section Break)

Eligibility

Have you been a City of Cocoa resident for at least 6 months?	Yes
Do you own property or a business in Cocoa?	Yes
Are you registered to vote in Brevard County, Florida?	Yes
Have you ever been convicted or found guilty, regardless of adjudication, of a felony in any jurisdiction? Any plea of no contest shall be considered a conviction for purposes of this question.	No
If yes, have your civil rights been restored?	Yes
Do you consent to a standard criminal background check?	Yes

(Section Break)

Miscellaneous Information

Do you currently serve on any other City of Cocoa board?	No

Are you related to a City of Cocoa Councilmember by blood, adoption, or marriage?	No
Potential Conflict of Interest: Have you ever been engaged in the management of any business enterprise that has a financial interest with the City of Cocoa? Please provide details, such as the name of the enterprise, the nature of the business, and the positions you hold or have held.	No
If yes, please provide details.	*Field not completed.*

(Section Break)

Interests and Experience

Additional Information May be Attached	*Field not completed.*
Briefly state your interest in serving on a City board or committee. Please include information relating to prior service on any governmental board or committee, and any specialized skills or training you feel will help you to qualify for membership on the desired City board or committee.	Interested in getting involved in the community.

(Section Break)

State Reporting Requirements

Section 760.80, Florida Statutes, requires that the City annually submit a report to the Secretary of State disclosing race, gender, and physical disabilities of board and committee members. Please check the appropriate boxes:

Race	Caucasian
Gender	Male

Disability	*Field not completed.*
	Field not completed.

(Section Break)

Applicant Certification

By filling this application with the City of Cocoa, I do hereby acknowledge the following: 1. This application, when completed and filed with the Office of the City Clerk, is a public record under Chapter 119, Florida Statutes, and is open to public inspection. 2. I am responsible for keeping the information on this form current and provide any changes or updates to the Office of the City Clerk. 3. I consent to filing a Statement of Financial Interests (Form 1) required if required for the board in which I am appointed to. 4. If appointed to a board/committee, I acknowledge that this is my obligation and duty to comply with the following: Code of Ethics for Public Offices (Florida Statutes, Chapter 112, Part III) Florida Sunshine Law (Florida Statutes, Chapter 286) http://www.flsenate.gov/Statutes.

Signature	Randal Hiester
Date:	1/16/2020
Social Security Number	[redacted]
Drivers License Number	
City Board and Committee Information as well as Meeting Information	Boards and Committees

All meetings are subject to change in dates and/or may be canceled with the approval of the City Manager (with the exception of the regular Council meetings), dependent upon whether there are items or cases to be considered. Other meetings of boards not listed above are held on an infrequent basis to which there is no standard or specified monthly date. (Please refer to the preceding "Description of Boards and Committees".) The three pension boards generally meet quarterly, and meetings may be held more often, depending on necessity. The Drug Related Public Nuisance Board holds meetings coinciding with the Code Enforcement Board; however, it meets infrequently on an as needed basis. THIS INFORMATION IS PUBLISHED BY THE CITY CLERK'S OFFICE IN AN EFFORT TO BETTER INFORM CITIZENS ABOUT THEIR CITY GOVERNMENT.

Email not displaying correctly? View it in your browser.

Office of the City Clerk
65 Stone Street I Cocoa, FL 32922
Phone: (321) 433-8480 I Fax: (321) 433-8455

February 10, 2020

Mr. Randal Hiester
5292 Talbot Blvd.
Cocoa, FL 32926

Re: Appointment as the 2nd Alternate Member to the Board of Adjustment

Dear Mr. Hiester:

This is to notify you that the Cocoa City Council will consider your application for appointment as a the 2nd Alternate Member to the Board of Adjustment at the Regular City Council meeting being held on Wednesday, February 26, 2020.

If you wish to attend, the meeting will commence at 6:00 p.m. in City Council Chambers, in Cocoa City Hall, 65 Stone Street, Cocoa.

If you have any questions or require additional information, please feel free to call our office at (321) 433-8484.

Sincerely,

Carie E. Shealy, MAA, MMC
City Clerk

Board of Adjustment	**Meets Third Wednesday of Every Month @ 6pm**			**Expirations in May**
MEMBER	**ADDRESS**	**PHONE**	**APPOINTED**	**EXPIRES**
Robert W. Frey, Vice Chairman	~~322 Clearlake Rd. Cocoa, FL 32922~~ 1523 N. Cocoa Blvd. Cocoa, FL 32922 bikesNpawn@yahoo.com	633-1326 480-7623(c)	4/14/15 Reappointed 5/8/12 Reappointed 4/14/09 Reappointed 5/23/06 Reap. 3/03 Reappointed 10/97 Appointed	2021
Dan Quattrocchi (2/3 of the Non-Resident seats)	3056 Skyline Drive Cocoa, FL 32922 danq@quattrocchirealestate.com	321-720-1822 hm 321-452-8668 wk 321-720-1822 cell	12/11/19 appointed (fulfilled seat vacated by Mr. Matthew Ford, who did not renew)	2022
Pam Shaia (1/3 of the Non-Resident seats)	308 Brevard Avenue Cocoa, FL 32922 pshaia@cfl.rr.com	256-656-3249 cell 321-305-4584 Wk	07/19 appointed (fulfilled Jolley vacancy)	2022
Rip Dyal, Chairman	3807 Parapet Dr. Cocoa, FL 32926 RHAD6@aol.com	639-9547 HM 321-684-3222 Cell	08/17 appointed as 1st Alternate	2021
Nancy N. Elliot	3406 Indian River Drive Cocoa FL 32926 nancyelliott@cfl.rr.com	636-9972 (H) 223-8983 (C)	7/17 reappt. 5/14 appt.	2020
Bruce Gilmore	413 Westchester Drive, 32926-6640 Bgilmore003@cfl.rr.com	632-7687	05/17 Reappointed 04/14 Reappointed 07/12 Reappointed 05/08 Reappointed 4/05 Reappointed 5/90 Appointed	2020
Connie T. Harvey	29 Riverside Drive #601 Cocoa, FL 32922 CTIPPETT@aol.com	806-3525 hm 571-268-2121 cell	4/14/15 Reappointed 01/15 appointed (fulfilled term of M. Williams)	2021
Vacancy 2nd Alternate				
1st Alternate Patricia Weeks	1351 Tarton Way Cocoa, FL 32926 Patriciaweeks@bellsouth.net	321-759-8563 hm, wk, cell	12/11/19 appointed	No expiration
LIAISON	Councilmember Warner		Updated 12/18	
Counsel: Anthony Garganese	PO Box 2873, Orlando, FL 32802-2873	866-425-9566		
RECORDING SECRETARY			Updated 5/13/19	

Legislation Details (With Text)

File #:	20-62	**Version:**	1	**Name:**	
Type:	Report			**Status:**	Council Busines
File created:	1/23/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve the Code Enforcement Lien for the property located at 315 Belmont Dr. be Reduced to $2,000.00, as recommended by the Code Enforcement Board. (Chief of Police)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Application-Tax Roll.pdf Brevard County Property Appraisers.pdf Lien Reduction Checklist.docx Cost Affidavit Form -315belmont.xlsx Recorded Lien.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 23, 2020
Agenda Date: February 26, 2020
Prepared By: Darla Crowl, Code Enforcement Coordinator
Through: Michael Cantaloupe, Police Chief
Requested Action:
Approve the Code Enforcement Lien for the property located at 315 Belmont Dr. be Reduced to $2,000.00, as recommended by the Code Enforcement Board.

BACKGROUND:

CASE # 18-183

The Code Enforcement Board held a public hearing on **2/21/2019**, at which time the Board found the owner, **Di Bello, Francesco** in violation of the following:

Exterior General Condition Ch 6 Sec. 6-1003 (a), Accum. Of Trash and Litter Ch 6 Sec. 6-900 (b)(1)a-d, Accessory Structures Ch 6 Sec. 6-1001 (g), Weeds, Ch 6 Sec. 6-1001(d)

The Code Enforcement Board provided the owner enough time to correct said violation. Therefore, consistent with the Code Enforcement Board's Order a lien was recorded against the property effective **4/18/19** The lien ran at **$100.00** per day from **3/24/2019** until compliance was achieved on **11/25/2019**. Code records show onsite inspections were conducted with the attorney representing

the family. The current owner, **Di Bello, Francesco Estate**, is requesting that the lien be reduced to **zero**, due to the fact that the owner is deceased, and the property is going through probate.

Staff utilized the following factors in making its recommendation to reduce the lien:

- Whether the current owner owned the property at the time the violation(s) occurred; **Yes**
- The number of violations related to the subject lien; **Four**
- Number of Inspections performed: **10**
- The length of time the property was in violation **185 days - $18,500**
- Previous Code Violations: **Yes, Case #17-340:** Sec. 6-1003 (b) protective treatment, 6-900 (b) (9) parking in yard, 6-1001 (g) accessory structures, 6-900 (b) (1) a-d junk/debris, 6-900 (b) (8) unregistered vehicles, 6-900 (b) (9) parking in the yard and 6-902 (b) (1) (2) inoperable vehicles
- Property Taxes: **2019 are due, No outstanding Tax Bills**
- Other Liens: **Records show no outstanding liens on the property. No Water Liens**
- Property Inspection: **1/15/19 and was incompliance before Code Board Hearing. An inspection will occur prior to the Council Meeting**
- Any other mitigating circumstances: **Since the father became unable to care for the property Staff directed all conversations to Mario Di Bello**

The current market value of the subject property; the current market value is **$132,970** according the Brevard County Property Appraiser.

Staff submits their cost sheet for **$1677.50** and recommends reducing the lien to City Cost which is close to 10% of the existing fine.

Staff's recommendation is based on the gravity of the violations, the amount of time it took the property to come into compliance, and the total amount of the fine

Per the City Code, this is only a recommendation to the City Council. If the Council reduces the amount owed, payment of the reduced amount is required within thirty (30) days of the Council's decision or the lien amount reverts back to the original amount owed, and a subsequent lien reduction request cannot be made for a one-year period of time.

STRATEGIC PLAN CONNECTION:

Crime, Image and Community Development

BUDGETARY IMPACT:

None

PREVIOUS ACTION:

The Code Enforcement Board, at its regular meeting January 16, 2020, recommended that the lien be reduced to $2,000.00.

RECOMMENDED MOTION:

Approve the Code Enforcement Lien for the property located at 315 Belmont Dr. be Reduced to $2,000.00, as recommended by the Code Enforcement Board.

Application # CE - 18 - 183

LIEN REDUCTION APPLICATION

Cocoa Police Department
Code Enforcement Division
1226 W King Street
Cocoa, Florida 32922
Phone; (321) 433-8508

This application must be completed entirely. The property must be in compliance per the City Code Section 6-707(d), if the property does not meet the guidelines of the City Code the Lien Reduction Application will not be scheduled for a hearing before the Code Enforcement Board.

This form is divided into steps which will help you prepare your request, provide the necessary information, and prepare for the Code Enforcement Board and City Council hearing.

For Office Use Only - Date Received

Stamp Only When Application is Fully Complete

Please TYPE or PRINT this application neatly.

1. **Date:** December 4, 2019

2. **Applicant Information:** ** NOTE: Applicant is the main contact, who must attend the meeting.*

Company (if applicable): Law office of Jessica Lynn Silva PLLC

Name: Jessica Lynn Silva, Esquire

Mailing Address: 7341 office Park Place Ste 202

City: Viera State: FL Zip Code: 32940

Phone #: 321-474-2034 Fax #: 321-574-4017

Mobile #: 321-474-2034 E-mail: jessica@jessicalynnlaw.com

3. **Property Owner Information:** ** Check here if same as Applicant →* ☐
** If more than one owner, attach additional sheet with names and addresses.*

Company (if applicable): N/A

Name: Francesco Di Bello (deceased)

Mailing Address: c/o Maria Di Bello 2243 Montgomery Rd

City: Sewickley State: PA Zip Code: 15143

Phone #: 412-551-1352 Fax #: n/a

Mobile #: ↑ E-mail: mgdibello@verizon.net

4. **Information for property on which lien occurs:**

Street Address and Location: 315 Belmont Dr. Cocoa, FL 32922

Parcel ID:

24-36-17-53-134□□.□-

□□□□.□□

Tax Account Number:

2413923

Existing Use(s) on Property: residential home

Proposed Use(s) on Property: residential home

(If residential – (circle one) **owner occupied** or **rental**), if rental does property owner anticipate accepting any state or federal rental subsidies?

owner deceased

Nature of Violation(s): Accessory Structure Exterior General Condition. Trash & Litter, Weeds

Date Fine or Lien Imposed: April 25, 2018 Amount of Fine: $24,610 per day

Have the violation(s) on the subject property been corrected: (Yes) / No (Circle one)

Date upon which the subject property was brought into compliance: November 25, 2019

5. **Please provide the following information:**

Code enforcement case number: 18-183

Were you the property owner at the time the lien was imposed? Yes / (No) (Circle one) If so, how many days did it take from the board order to the date compliance was achieved? _____

If you were not the property at the time the violation occurred, were you aware of the lien when you purchased the property? Yes / No / (NA) (Circle one) If the property was not in compliance at the time you purchased the property how many days from the time of purchase did it take for you to come into compliance? _____

Did you receive the Notice of Violation issued by the Code Enforcement Division: (Yes) / No (Circle one)

Did you receive the Finding of Facts issued by the Code Enforcement Board: (Yes) / No (Circle one)

The factual basis upon which the application for reduction of the lien should be granted:

Please see attached letter.

The reasons, if any, compliance was not obtained prior to the order of penalty or fine being recorded:
Please see attached letter.

Amount you are requesting that the lien be reduced to: forgiveness in full
Please provide any other information deemed pertinent to this request, including but not limited to the circumstances that exist which would warrant the reduction or forgiveness of the penalty or fine. Include documentation of any financial investment made to physically improve the property:

Are there any other properties within the jurisdictional limits of the City of Cocoa owned by the applicant and/or owners of the subject property on which code violations have been alleged, of which the case is still active, or a Finding of Facts has been entered by the Code Enforcement Board, if so please provide the address, the nature of violation and the status of such:
none known

6. **Please submit the following items in order complete the application:**

   a. ☐ **Notarized application.**

   b. ☐ **Reimbursement to City for recording costs at time of application.** Pursuant to Section 6-707(c), Code of the City of Cocoa, at the time of application, payment to the city in the amount necessary to reimburse the City for its costs associated with processing and recording the order imposing a penalty or fine and the requested satisfaction or release of lien. Please make checks payable to the 'City of Cocoa' and submit payment ONLY to the Community Services Department. Please note that these costs are non-refundable without regard for the final disposition of the application for satisfaction or release of lien. **The application fee is $20.00 and will need to be paid at the time the application is submitted.**

   c. ☐ **Letter of authorization.** If the applicant is not the property owner, a notarized letter of authorization or agent affidavit is required, unless the applicant is the Attorney of the owner. Each property owner must complete a separate authorization form or other suitable documentation to allow the agent to act upon his/her behalf.

   d. ☐ **Corporate documents.** If the applicant/owner is representing a company, articles of incorporation which show the applicant/owner is authorized to represent the company is required. A data record printout from the Florida Department of State, Division of Corporations website may also be provided (http://www.sunbiz.org/corpweb/inquiry/search.html).

   e. ☐ **Additional information (optional).** Submit any information that may be helpful in understanding the request. This may include photos, sketches, elevations, or letters from adjoining property owners.

7. **Application Filing Procedure.** This application, together with all required exhibits and attachments, shall be completed and filed with the Code Enforcement Division by the third Friday of each month at 5:00 pm in order to be scheduled for public hearing for the following month.

8. **Procedure per City Code.** Section 6-707 states the City Lien Reduction rules and procedures for applying for a reduction. It is the applicant's responsibility to read and understand the rules and procedures that are located on page 6 of the Lien Reduction Application

9. **Board Action.** An Inspection of the property must be performed to be scheduled at the Code Board. Following a presentation by staff and testimony offered by the applicant, the Code Enforcement Board will formulate a recommendation to City Council.

10. **City Council Action.** An Inspection of the property must be performed to be scheduled before council. Following the Code Enforcement Board making a recommendation to the City Council, staff will schedule the item for the next available City Council regular meeting.

11. **Inspections.** I agree to allow Code Enforcement to inspect my property and give consent to walk the property before proceeding with this reduction ☒ YES ☐ NO

Signature below will also show that consent to inspect was given by the property owner or representitive.

12. Signatures and Notarization.

STATE OF Florida COUNTY OF Brevard. I, Jessica Lynn Silva being first duly sworn, depose and say that:

☐ I am the applicant, or if corporation, I am the officer of the corporation authorized to act on this request.

☒ I am the legal representative of the applicant of this application and a notarized Letter of Authorization form or agent affidavit accompanies this application giving written, unless the applicant is the Attorney representing the owner. (Decedent's estate)

I hereby certify that I have read, completed and understand this Application and understand that if my application and all associated attachments are not complete and accurate in all respects, the application will not be scheduled for a public hearing. I further understand that this application must be complete and accurate prior to the advertising of a public hearing.

(APPLICANT SIGNATURE)

(Print, Type, or Stamp Commissioned Name of Notary Public)

ANGELA K. BARNINI
MY COMMISSION #GG107693
EXPIRES: JUL 01, 2021
Bonded through 1st State Insurance

Personally Known ☑ OR Produced Identification ☐

Type of I.D. Produced _____

(NOTARY PUBLIC SIGNATURE)

STATE OF FLORIDA, COUNTY OF BREVARD

Sworn and subscribed to before me this 15th day of December, 20 19

LAW OFFICE OF
JESSICA LYNN SILVA
7341 Office Park Place | Suite 202 | Viera | FL | 32940
321.474.2034 | jessica@jessicalynnlaw.com
www.jessicalynnlaw.com

December 18, 2019

Cocoa Police Department
Attn: Code Enforcement Division
1226 W King Street
Cocoa, Florida 32922

RE: Estate of Francesco Di Bello – 315 Belmont Drive, Cocoa, FL 32952
Case No.: 18-183 – Homeowner (*Decedent)*: Franceso Di Billo
Client (*Decedent's son and Personal Representative of the Estate*):
Mario Di Bello

Dear Members of the Code Enforcement Board:

Enclosed please find the application requesting forgiveness in full for the lien currently attached to the above property.

In connection with the above referenced matter, please find the following below applicable factors.

- A violation was issued April 25, 2018 however did not come to my client Mario Di Bello's (son of decedent (homeowner) Franceso Di Bello) attention until February 2019.

- Upon receipt he immediately reached out to the Code Enforcement Officers via email and requested additional time as violations had just come to their attention and would be addressed and corrected. He requested all future correspondence be provided to him via email or his address out of state.

- He requested additional time (to make repairs and for any hearing) as:
  a. He was not a Florida resident and lived outside the state of Florida (in Pennsylvania).
  b. His father (the property owner) had difficulties, including but not limited to physical hardships, as he was ill and living out of state so could be cared for by his two adult children. *He ended up passing away.*
  c. Client was caring for his ill father and attempting to handle his affairs, including this matter, from Pennsylvania.

- Client hired a local Brevard County handyman to address the violations he was aware of and was under the impression all issues were addressed and corrected.

- His father then passed away.

- My office was recently retained to address an ancillary probate administration of decedent's (homeowner) estate. My client, decedent's son, then brought to my attention the violation(s) he thought had been resolved however had recently been told by a realtor were still an issue and had in fact become a lien against the property. He was confused as he thought all violations had been addressed.

- Client's father (owner of the home who is now deceased) had moved out of state to be with his adult son and daughter as he was ill.

- While he was away, his home here in Florida was vandalized, an event that was reported to the local police. It is my understanding the police informed my client that nothing could be done due to the home being vacant, so there was an attempt to place renters in the home to keep it occupied. However, the tenants left the home in disarray to which the neighbor complained and led to the code enforcement issue(s).

- Client nor his father (while alive) did not intentionally ignore repairs to the property. The father as the titled owner of the property lacked the ability to personally cure any violations (due to his health) and did his best to do what he could from afar.

- Violations were addressed in what client thought was a sufficient manner in February/March 2019. It was my client's understanding that the home would be re-inspected and he did not realize he needed to give actual approval and permission to enter the property and re-inspect which caused the fines to continue to accrue. He apologizes for this confusion.

- Once it came to the attention of the client and then myself violations still existed, arrangements were quickly made to meet with code enforcement at the property to ensure a proper list of all outstanding violations.

- Arrangements were then made with the handyman to address the issues and the home was re-inspected within one week and all violations cured.

- It is the request of my client (as the personal representative of the estate) and myself that the board please note that my client lost his father (homeowner) on May 31, 2019 and his father n law within just a few days of each other. He endured emotional and physical hardships as not only does he live out of state, he was pre-occupied assisting with caring for an ill father who then passed away, a father n law who passed away without notice, funeral arrangements for both, comforting his wife in the loss of her father and attempting to open probate proceedings for his father's estate in Pennsylvania and ancillary proceedings for the home (real property) here in Florida.

With the utmost respect, we request if the Code Enforcement Board and all applicable parties would please be so kind as to offer lien forgiveness in full in regards to this matter.

Thank you!

Respectfully,

Jessica Lynn Silva, Esquire

JLS | Enclosure(s)

Public Hearing Process Information.

It is the responsibility of the Applicant to read the Lien Reduction Application to its entirety. Please keep this sheet from your application for your records. At any time through this process you have any questions or concerns, please contact the Code Enforcement Division at 321-433-8508.

1. **Public hearing date and location.** All regularly scheduled hearings are held on the third Thursday of each month at 6:00pm in the Cocoa City Hall Council Chambers located at 65 Stone Street, Cocoa, Florida unless otherwise notified.

2. **Presence required at the public hearings.** The applicant or his/her representative must be present to answer any questions concerning the request. If there are extenuating circumstances why the applicant or his/her representative cannot attend, he or she must notify the City in writing prior to the public hearing.

3. **Preparing for public hearing.** It is the applicant's responsibility to research and know all laws that may be applicable and may affect the outcome of any decision on the applicant's request.

4. **Format of public hearing.** The public hearing before the Code Enforcement Board is quasi-judicial in nature. *State and local law strictly prohibits applicants and/or interested parties from participating in ex-parte communications with Board members in person, by phone, e-mail, or in writing before the application is considered at a public hearing.* Applicants are encouraged to review and copy the quasi-judicial rules and procedures used by the Code Enforcement Board before the public hearing date. A copy may be obtained from the City Clerk's Office.

5. **Exhibits at public hearing.** If photographs, documents, maps or other materials are provided to the Board as evidence at the public hearing, the applicant must provide a copy to the Recording Secretary, City Staff, and the Code Enforcement Board for examination. One copy of any exhibits and/or evidence shall be provided, by law those instruments automatically become part of the public records and cannot be returned to the applicant.

6. **Witnesses at public hearing.** For the purposes of making a decision on the application, the Board shall only consider testimony of qualified witnesses. A witness is determined by the Board and is generally based on:

   a. The witness has personal knowledge of the fact in which the witness will testify; and/or

   b. In the case of testimony consisting of opinions or inferences, the testimony is qualified as the following:

      1. Layman witness: Testimony of a witness other than an expert witness is qualified only if:

         - The witness can readily, and with equal accuracy and adequacy, communicate what he or she perceived to the Board without testifying in the form of opinions or inferences.

         - The opinions and inferences do not require any special knowledge, skill experience or training.

      2. Expert witness. Testimony of an expert witness is qualified only if:

         - The subject matter is proper for expert testimony because scientific, technical, or other specialized skill will help the Board understand the evidence being presented, or helps establish a fact in issue.

         - The witness is adequately qualified to express an opinion on the matter.

Sec. 6-707. - Satisfaction or release of code enforcement lien. (NOTE: this is not the code section in its entirety)

(b) ***Application.*** The application shall be executed under oath and sworn to in the presence of a notary public.

(c) ***Reimbursement to city for recording costs at time of application.*** The violator shall submit, at the time of application, payment to the city in the amount necessary to reimburse the city for its costs associated with recording the order imposing a penalty or fine and the requested satisfaction or release of lien. These costs are non-refundable, without regard for the final disposition of the application for satisfaction or release of lien.

(d) ***Processing of application by Code Enforcement Manager or Chief of Police.*** Upon receipt of the application for satisfaction or release of lien and payment provided above, the community development director shall confirm through the code enforcement department that the violation which resulted in the order imposing penalty or fine has been brought into compliance. If the violation has been brought into compliance and there is no current code violation upon the property in question, the community development director shall place the application upon the agenda of the next meeting of the code enforcement board.

(e) ***Code enforcement board hearing.*** At the hearing before the code enforcement board, the board shall review and consider the application for satisfaction or release of lien, provide the violator with an opportunity to address the board regarding the application for satisfaction or release of lien, and to take the testimony of other interested parties, including but not limited to city staff.

Review and recommendation. Upon review of the application and any testimony presented, the code enforcement board shall recommend to the city council approval, approval with conditions, or denial of the application for satisfaction or release of lien.

The code enforcement board, in determining its recommendation, shall consider the following factors:

(1) The gravity of the violation;

(2) The time in which it took the violator to come into compliance;

(3) The accrued amount of the code enforcement fine or lien;

(4) Any previous or subsequent code violations;

(5) Any financial hardship; and

(6) Any other mitigating circumstance which may warrant the reduction or satisfaction of the penalty or fine.

(f) ***Presentation to city council.*** After a recommendation has been rendered by the code enforcement board, the community development director shall place the application for satisfaction or release of lien upon the agenda of the next regularly scheduled city council meeting. The city council may take action solely based upon the sworn application and recommendation of the code enforcement board; or it may, in its discretion, provide the violator with an opportunity to address the council in regard to the application for satisfaction or release of lien.

City Council action. The city council may approve, approve with conditions, or deny the application to satisfy or release of lien. If the city council approves the application to satisfy or release the lien and the approval is conditioned upon the violator paying a reduced penalty, fine, or any other condition, the satisfaction or release of lien shall not be prepared or recorded until the condition(s) placed by the council have been satisfied.

(g) ***Compliance with city council conditions.*** The violator shall have thirty (30) days in which to comply with the conditions imposed by the city council. Failure of the violator to comply will result in the automatic denial of the application for satisfaction or release of lien.

(h) ***Effect of denial on application for subsequent lien reduction or forgiveness.*** If the application is denied or if the application is automatically denied due to the failure of the violator to comply with the conditions imposed by the city council, the violator shall thereafter be barred from applying for a subsequent reduction or forgiveness of the lien for a period of one (1) year from the date of denial. During the one-year period, the lien may only be satisfied and released upon full payment of the fine or penalty imposed in accordance with this chapter.

(Ord. No. 16-06, § 2, 5-9-06)

BREVARD COUNTY TAX COLLECTOR
Lisa Cullen, CFC

2019 Roll Details — Real Estate Account At 315 BELMONT DR, COCOA

Print this page

Real Estate Account #2413923 | Parcel details | Latest bill | View/Print full bill history

Pay All: $2,630.34

2019	2018	2017	2016	...	2005
$2630.34 due	PAID	PAID	PAID		PAID

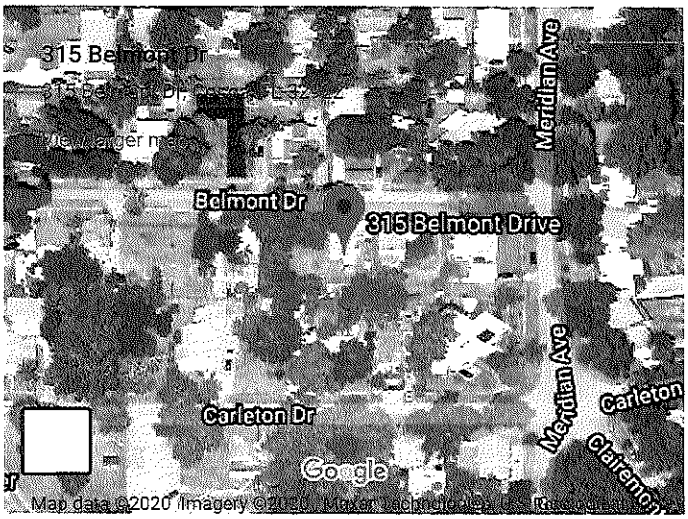
Apply for the 2020 Installment Payment Plan

Get Bills by Email **Pay this bill: $2,630.34**

Owner: DI BELLO, FRANCESCO
315 BELMONT DR
COCOA, FL 32922-0000
Situs: 315 BELMONT DR
COCOA

Account number: 2413923
Alternate Key: 2413923
Millage code: 23D0
Millage rate: 17.5937

Assessed value: 132,970
School assessed value: 132,970



Location is not guaranteed to be accurate.

GIS - Property Appraiser

2019 Annual bill — View

Ad valorem: $2,339.43
Non-ad valorem: $344.59
Total Discountable: 2684.02
No Discount NAVA: 0.00
Total tax: $2,684.02

Legal description

CARLETON TERRACE, AMENDED PLAT OF LOTS 4,5 BLK 13

Location

Geo number: 24 3617-53-13-4

Brevard County Property Appraiser

Titusville • Merritt Island • Viera • Melbourne • Palm Bay

PROPERTY DETAILS

Phone: (321) 264-6700
https://www.bcpao.us

Account	2413923
Owners	Di Bello, Francesco
Mailing Address	315 Belmont Dr Cocoa FL 32922
Site Address	Not Assigned
Parcel ID	24-36-17-53-13-4
Property Use	0110 - Single Family Residence
Exemptions	None
Taxing District	23D0 - Cocoa
Total Acres	0.29
Subdivision	Carleton Terrace, Amended Plat Of
Site Code	0001 - No Other Code Appl.
Plat Book/Page	0003/0061
Land Description	Carleton Terrace, Amended Plat Of Lots 4,5 Blk 13



VALUE SUMMARY

Category	2019	2018	2017
Market Value	$132,970	$129,760	$95,730
Agricultural Land Value	$0	$0	$0
Assessed Value Non-School	$132,970	$129,760	$79,540
Assessed Value School	$132,970	$129,760	$79,540
Homestead Exemption	$0	$0	$25,000
Additional Homestead	$0	$0	$25,000
Other Exemptions	$0	$0	$0
Taxable Value Non-School	$132,970	$129,760	$29,540
Taxable Value School	$132,970	$129,760	$54,540

SALES/TRANSFERS

Date	Price	Type	Parcel	Deed
12/13/2013	$92,000	WD	Improved	7035/2003
11/12/1999	$75,000	WD	Improved	4091/1666
11/01/1994	$26,800	QC	Improved	3439/3354
11/30/1992	$60,000	WD	Improved	3243/4245
03/10/1988	$52,000	WD	--	2887/2818
02/12/1987	$40,000	WD	--	2775/0133
01/01/1900	--	DB	--	0311/0060

BUILDINGS

PROPERTY DATA CARD #1

Building Use: 0110 - Single Family Residence

Materials		Details	
Exterior Wall:	Stucco	Year Built	1925
Frame:	Wood Frame	Story Height	8
Roof:	Bu-Tg/Mmbrn	Floors	1
Roof Structure:	Flat/Shed	Residential Units	1
		Commercial Units	0

Sub-Areas		Extra Features	
Base Area (1st)	980	Fireplace	1
Carport	232	Wood Deck	208
Enclosed Por	176	Outbuilding	260

Total Base Area	980
Total Sub Area	1,388

CFN 2019093176, OR BK 8428 Page 2663, Recorded 05/02/2019 at 02:33 PM Scott Ellis, Clerk of Courts, Brevard County

CODE ENFORCEMENT BOARD
CITY OF COCOA, FLORIDA
CASE NO. 18-183
4/19/2019

THE CITY OF COCOA
A Florida Municipal Corporation

Complainant,

vs.

Francesco Di Bello
Owners of the Property located at:
315 Belmont Dr
Cocoa FL 32922

Parcel ID: 24-36-17-53-13-4

Respondent,

ORDER IMPOSING ADMINISTRATIVE FINE/LIEN

THIS CAUSE, having come for consideration, after being duly noticed, before the Code Enforcement Board of the City of Cocoa, Florida, on 4/18/2019 to determine whether any violations of the City of Cocoa Code of Ordinances existed on the property. The Board, having heard the arguments of the parties and the evidence presented and having reviewed the record and being otherwise fully advised, issued the Findings of Fact, Conclusions of Law and Order. The Order required the Respondent to come into compliance by 3/23/2019

At a duly noticed Compliance Hearing of Code Enforcement Board the Respondent was found in non-compliance of the Board Order. It is hereby Ordered that the City of Cocoa shall impose a fine in the amount of $100.00 per day until the violation is corrected and full compliance is confirmed by the Code Enforcement Officer.

This Order shall be recorded in the public records for Brevard County, Florida, which shall serve as a lien against and upon any real or personal property owned by the Respondent pursuant to Section 162.08 and 162 09, Florida Statutes.

DONE AND ORDERED at Cocoa, Florida, this 18th , day of April, 2019

CODE ENFORCEMENT BOARD OF THE CITY OF COCOA, FLORIDA

Jim Gifford, Chairman

CERTIFICATION:
State of Florida, County of Brevard

I hereby certify that this is an Original Copy of the Order of the Code Enforcement Board that was acknowledged before me this 24 day of April, 2019, by Jim Gifford, Chairman of the City of Cocoa Code Enforcement Board.

Notary Public Signature

Notary Public State of Florida
Darla D Crowl
My Commission GG 266894
Expires 11/11/2022

Legislation Details (With Text)

File #:	20-72	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Council Busines
File created:	1/28/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Request to approve a date change for the street closure for the Annual Village Idiot Pub Fun Run from March 27, 2020 to April 3, 2020. (Assistant to the CIty Manager/Public Relations Specialist)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Staff Report_2020_Street_Closures.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 28, 2020
Agenda Date: February 26, 2020
Prepared By: Gail Bantugan, Leisure Services Manager
Through: Samantha Senger, Assistant to the City Manager and Public Relations Specialist
Requested Action:
Request to approve a date change for the street closure for the Annual Village Idiot Pub Fun Run from March 27, 2020 to April 3, 2020.

BACKGROUND:

During any given calendar year, the number of street closures approved by the City Council within the Central Business District (CBD) zoning district shall not exceed twenty-four (24) days. Any street closure lasting in excess of four (4) hours shall be counted as one full day, while any street closure of four (4) hours or less shall be counted as one half day per the Special Events Ordinance No. 01-2016.

Date Change requested:

Currently approved date (Approved on 12/11/19):

Village Idiot 5K Village Lost Their Idiot, March,27, 2020 (5:00 pm - 10:00 pm)
Church St: between Riverside Dr. and east terminus of Church St.
Riverside Dr: between Church St. and Oak St.
Oak St: between Riverside Dr. and Brevard Ave.
Brevard Ave: between Oak St. and Harrison St.
Harrison St: between Brevard Ave. and Riveredge Blvd.
Total Closure - One Day.

Requested change:

Village Idiot 5K Village Lost Their Idiot, Friday, April 3, 2020 (5:00 pm - 10:00 pm)

Church St:	between Riverside Dr. and east terminus of Church St.
Riverside Dr:	between Church St. and Oak St.
Oak St:	between Riverside Dr. and Brevard Ave.
Brevard Ave:	between Oak St. and Harrison St.
Harrison St:	between Brevard Ave. and Riveredge Blvd.

Total Closure - One Day.

If approved, the total number of street closures will remain at 23 for the 2020 calendar year.

STRATEGIC PLAN CONNECTION:

The Approval of the road closures will help to enhance the image of Cocoa as an inviting destination for visitors as well as re-enforce a sense of community and increased event participation for its citizens

BUDGETARY IMPACT:

The City receives $50.00 for each group that requests a street closure.

PREVIOUS ACTION:

The 2020 Road Closure requests were approved by City Council on December 11, 2019. The original date of March 27, 2020 for this event was part of the road closures approved on this date. The event promoter has requested a new date for this event of April 3, 2020.

RECOMMENDED MOTION:

Request Council approval for the date change for the street closure for the Annual Village Idiot Pub Fun Run from March 27, 2020 to April 3, 2020.

powered by Legistar™

CITY COUNCIL AGENDA ITEM

Memo Date: November 8, 2019
Agenda Date: December 11, 2019
Prepared By: Gail A. Bantugan, Leisure Services Manager
Through: Samantha Senger, Assistant to the City Manager and Public Relations Specialist.
Requested Action:
Approve the requested 2020 street closures in association with the proposed Special Events.

BACKGROUND:

During any given calendar year, the number of street closures approved by the City Council within the Central Business District (CBD) zoning district shall not exceed twenty-four (24) days. Any street closure lasting in excess of four (4) hours shall be counted as one full day, while any street closure of four (4) hours or less shall be counted as one half day per the Special Events Ordinance No. 01-2016.

Events:

Run for Responders 5K, Saturday, January 4, 2020 (4:00 pm – 10:00 pm)
Church St: between Riverside Dr. and east terminus of Church St.
Riverside Dr: between Church St. and Oak St.
Oak St: between Riverside Dr. and Brevard Ave.
Brevard Ave: between Oak St. and Harrison St.
Harrison St: between Brevard Ave. and Riveredge Blvd.
Total Closure - One Day

Martin Luther King Jr. Peace March and Service, Monday, January 20, 2020 12:00pm-3:00pm.
Provost Park on Varr Ave. to SR 520 going east to Riveredge Blvd. into Riverfront Park. This event does not require a street closure. However, the Peace March does include the streets of Cocoa including the SR520. The organizers are required to have the proper DOT permitting in place to hold the march.
Total Closure - Half Day

Cocoa Village Mardi Gras, Saturday, February 15, 2020 (3:00 pm -12:00 am)
Delannoy Ave: between Derby St. and SR 520
Brevard Ave: between Church St. and SR 520
Harrison Street: between Riveredge Blvd. and Brevard Ave.
Oleander Street: between Brevard Ave. and Municipal Parking Lot
Total Closure - One Day

HCVA Spring Craft Fair, Saturday and Sunday, March 7-8, 2020 (2:00 am Saturday March 7nd – 6:00 pm Sunday. March 8rd)

Brevard Ave: between SR 520 and Factory St.
Oleander St: between Brevard Ave. and Municipal Parking Lot
Harrison St: between Riveredge Blvd. and Brevard Ave.
Church St: between Brevard Ave. and Delannoy Ave.
Delannoy Ave: between Church St. and Harrison St.
Total Closure - Two Days

Village Idiot 5K Village Lost Their Idiot, Friday, March, 27, 2020 (5:00 pm – 10:00 pm)
Church St: between Riverside Dr. and east terminus of Church St.
Riverside Dr: between Church St. and Oak St.
Oak St: between Riverside Dr. and Brevard Ave.
Brevard Ave: between Oak St. and Harrison St.
Harrison St: between Brevard Ave. and Riveredge Blvd.
Total Closure - One Day

HCVA Car Show and Crosswinds Duck Race, Saturday, March 28, 2020 (10:00 am – 5:00 pm)
Brevard Ave: between SR 520 and Factory St.
Orange Ave: between Brevard Pl. and Brevard Ave.
Harrison St: between Riveredge Blvd. and Brevard Ave.
Oleander St: between Brevard Ave. and Municipal Parking Lot
Total Closure - One Day

Second Annual Cocoa Triathlon, Sunday, April 26, 2020 (2:00am-12:00pm)
A rolling street closure will be utilized for the Cocoa Triathlon. The number of participants and their safety requires a street closure request. This event will not require temporary traffic control devices (TTCD) to block roads throughout the course route. The streets in which the TTCD will be utilized are:

Harrison St. between Delannoy Ave and Riveredge Blvd.
Riveredge Blvd. between King St. (HWY 520) to Lee Wenner Park.
The Transition Area for each segment will be located in Riverfront Park/Harrison Field.
Swim segment: Will commence in Lee Wenner Park with a Spring Distance of .25miles, into the Indian River. The turnaround point will be designated at the floating bouy.
The Bicycling Segment: Sprint Distance equal to one lap, will begin in Riverfront Park and move down towards Lee Wenner Park. The participants will then proceed under the 520 bridge and continue North on Indian River Drive with the turnaround at Indian Trail and back to the transition area in Riverfront Park.
The Run Segment: Sprint Distance equal to one lap, will transition in Riverfront Park then proceed south towards the turnaround point at Barton Avenue and commence north back to the finish in Riverfront Park.
Total Closure - One Day

Preclampsia Foundation Promise Walk, Saturday, May, 2, 2020 (8:00 am – 1:00 pm)
Riverfront Park to Church Street continuing to Riverside Drive

Riverside Drive:	Between Church St. and Derby St.
Delannoy Avenue:	Between Derby St. Harrison St.
Harrison Street:	Between Delannoy and Brevard Ave.
Brevard Avenue:	Between Harrison St. and Rosa L. Jones Blvd
Rosa L. Jones Blvd:	To John Garren Ln
John Garren Lane:	Between Rosa L. Jones and Orange Street
Orange Street:	Between John Garren Ln and Florida Ave.
Florida Avenue:	Between Orange Street and Stone St.
Stone Street:	Between Florida Ave and Brevard Ct.
Brevard Court:	Between Florida Ave and Orange St.
Orange Street:	Between Brevard Ct and Brevard Ave.
Church Street:	Between Brevard Ave and Delannoy St.
Delannoy Avenue:	Between Church Street and Harrison St.
Harrison Street:	Between Delannoy and Riversedge heading back into riverfront Park along the river.

Total Closure - One Day

<u>HCVA Summer Craft Fair, Saturday and Sunday, May 9-10, 2020 (2:00 am May 9 – 5:00 pm May 10)</u>

Brevard Ave:	between SR 520 and Factory St.
Oleander St:	between Brevard Ave. and Municipal Parking Lot
Harrison St:	between Riveredge Blvd. and Brevard Ave.
Church St:	between Brevard Ave. and Delannoy Ave.
Delannoy Ave:	between Church St. and SR 520

Total Closure - Two Days

<u>March of Dimes March for Babies, Saturday, May 16 2020, 4:00pm-8:00pm</u>

Church St:	between Riverside Dr. and east terminus of Church St.
Riverside Dr:	between Church St. and Oak St.
Riverside Dr:	at Derby Street

The City of Rockledge will also be participating in this event and will monitor the intersections south beyond Oak Street. The walk will move south along Riverside Dr. /Rockledge Dr and turn around at Barton Ave. and head north back to Riverfront Park.

Total Closure - One Day

<u>City of Cocoa July 4th Celebration, Saturday, July 4, 2020 (11:00am-11:00pm)</u>

Street Harrison	between Delannoy and Riveredge Blvd

Total Closure – One Day

<u>Walk to End Alzheimer's, Saturday, September 26, 2020 (6:00 am – 2:00 pm)</u>

Riverfront Park to Church Street continuing to Riverside Drive

Riverside Drive:	Between Church St. and Derby St.
Delannoy Avenue:	Between Derby St. Harrison St.
Harrison Street:	Between Delannoy and Brevard Ave.
Brevard Avenue:	Between Harrison St. and Rosa L. Jones Blvd
Rosa L. Jones Blvd:	To John Garren Ln

John Garren Lane:	Between Rosa L. Jones and Orange Street
Orange Street:	Between John Garren Ln and Florida Ave.
Florida Avenue:	Between Orange Street and Stone St.
Stone Street:	Between Florida Ave and Brevard Ct.
Brevard Court:	Between Florida Ave and Orange St.
Orange Street:	Between Brevard Ct and Brevard Ave.
Church Street:	Between Brevard Ave and Delannoy St.
Delannoy Avenue:	Between Church Street and Harrison St.
Harrison Street:	Between Delannoy and Riversedge leading back into riverfront Park along the river.

Total Closure - One Day

Running Zone Foundation Race Series Red Carpet Run 5K, 10K, 15K, Sunday, October 4, 2020 (2:00am-1:00pm).

All 3 races will begin on Brevard Avenue in the Central Business District of Cocoa VIllage heading North, continuing to run along Indian River Drive north bound until their respective turnaround and then back south to SR. 520 turning left (east) onto the new path on the north side of SR. 520, cross underneath SR. 520 to Lee Wenner Park and then to Rivers Edge Blvd. to the finish. All 3 races start together at 6:30 am with a three hour course limit for the longest distance event (15K). The turnaround location for the 5K is nearest the address of 1041 Indian River Road, 10K is north of Twin Lakes Drive, 15K nearest the intersection of Carleton Drive.

Total Closure - One Day

<u>HCVA Fall Art and Craft Fair, Saturday and Sunday, October 17-18, 2020 (2:00 am October 17 – 5:00 pm October 18)</u>

Brevard Ave:	between SR 520 and Factory St.
Oleander St:	between Brevard Ave. and Municipal Parking Lot
Harrison St:	between Riveredge Blvd. and Brevard Ave.
Church St:	between Brevard Ave. and Delannoy Ave.
Delannoy Ave:	between Church St. and SR 520

Total Closure - Two Days

<u>City of Cocoa Fall Festival in the Village, Saturday, October 31, 2020 (1:00 pm – 8:00 pm)</u>

Harrison St:	between Riveredge Blvd. and Brevard Ave.
Delannoy St:	between Church St. and SR 520
Church St:	between Brevard Ave. and Delannoy Ave.
Brevard Ave:	between SR 520 and Church St.

Total Closure - One Day

<u>Waterway Century Ride- Sunday, November 1, 2020 – Space Coast Free Wheelers</u>

The corner of Delannoy Ave. and Harrison St. from 7:30 am-8:15 am for the beginning of their bike racing event for charity. This is an annual event that has occurred the last weekend in October each year. As soon as the race begins and bikes are cleared out, the street will be opened back up. Actual time should be no longer than 30 minutes.
Total Closure - Half Day

Down Syndrome Association of Brevard, Saturday, November 7, 2020 (8:00 am – 12:00 am)
Church St: between Delannoy Ave. and Riverside Dr.
Riverside Dr: between Church St. and Oak St.
Rockledge will also be supporting this event.
Total Closure - One Day

Running Zone Foundation and Space Coast Runners 49th Annual Space Coast Marathon and Half Marathon, Sunday, November 28, 2020 (2:00am-1:00pm).

Space Coast Marathon Course 26.2 Miles

The Race begins on Brevard Avenue heading south. Turn right on Orange St. Turn right on Florida Ave. Turn right on RT.520 (east bound) Turn left on Brevard Ave heading north and cross over Rt.520 (west bound). Continue northbound on Indian River Drive with a turn-around just south of Indian Trail. Head south on Indian River Drive. Turn right on Peachtree St. Turn left on Florida Ave. Turn left on Rosa L. Jones Blvd. Heading right onto Oak St. Turn right onto Rockledge Drive to the turnaround just south of Stonebridge Drive. Turn around heading north on Rockledge Drive. Turn right on Church St. utilizing the Porcher House Loop Alleyway behind St. Mark's Episcopal Church and Academy. Turn right onto Delannoy Ave. Right onto Harrison St. Remaining in the west bound lane of Harrison St. into Lee Wenner Park to the Finish Line.

Space Coast Half- Marathon Course 13.1 Miles (two courses)

North Course
Heading South on Brevard Ave. Turn Right onto Orange St. Turn right onto Florida Ave. Turn Right onto RT 520 (east-bound). Turn Left on Brevard Ave Crossing RT 520 (west bound). Course runs along Riverside Drive until just south of Indian Trail. The course then turns around heading south until RT 520 (west-bound) and turns left to the new connector crossing under Rt 520 into Lee Wenner Park to the Finish Line.

South Course
Heading South on Brevard Ave. Turning left on Church Street. Turn right on Rockledge Drive continuing on Rockledge Drive to 200 meters south of Stonebridge Dr. (just north of Oakledge Drive. Turn around heading north back to Church St. Turning right onto Church Street using the Porcher House Loop Alleyway behind St. Mark's Episcopal Church and Academy. Turn right onto Delannoy Ave. Turn right onto Harrison St. Staying in the west-bound lane of Harrison Street into Lee Wenner Park to the Finish Line.
Total Closure - One Day

HCVA Holiday Craft Fair, Saturday and Sunday, December 5-6, 2020 (2:00 am December 5–5:00 pm December 6).

Brevard Ave:	between SR 520 and Factory St.
Oleander St:	between Brevard Ave. and Municipal Parking Lot
Harrison St:	between Riveredge Blvd. and Brevard Ave.
Church St:	between Brevard Ave. and Delannoy Ave.
Delannoy Ave:	between Church St. and SR 520

Total Closure days- Two Days

Cocoa Rockledge Holiday Parade and Tree Lighting, Saturday, December, 12, 2020 (12:00 pm – 6:00 pm)

Brevard Ave:	beginning at the southerly city limit to Maryland Ave.
Maryland Ave:	between Brevard Ave. and Delannoy Ave.
Delannoy Ave:	between Maryland Ave. and SR 520
Harrison St:	between Delannoy Ave. and Riveredge Blvd.

Total Closure - One Day

Second Annual HCVMS Hot Cocoa Holiday's Bicycle Parade, Friday, December 18, 2020 2:00pm-8:00pm.

Harrison St.	beginning in Lee Wenner Park to Brevard Ave.
Brevard Ave.	between Oleander and Orange St.
Orange St.	between Brevard Pl. and Brevard Ave.
Brevard Ave.	at the intersection of Church Street and Brevard (on Brevard Ave.)
Delannoy Ave.	at Church St. (on Delannoy Ave.)

Total Closure - One Day.

The total number of street closure days if approved is 24

STRATEGIC PLAN CONNECTION:

The Approval of the road closures will help to enhance the image of Cocoa as an inviting destination for visitors as well as re-enforce a sense of community and increased event participation for its citizens

BUDGETARY IMPACT:

The City receives $50.00 for each group that requests a street closure. The MLK event will have the permit fees waived. The event is held on a federal holiday per the special events ordinance section 2-404

PREVIOUS ACTION:

The 2019 Road Closure requests were approved last year.

RECOMMENDED MOTION:

Request Council approval of all 2020 Road Closures listed in this request. An attachment of the requested closures has been included

Legislation Details (With Text)

File #:	20-79	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Council Busines
File created:	1/29/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Consider the Cancellation of the Regular City Council Meeting on December 23, 2020 due to the holidays, and consider the change of November meeting dates due to the holidays and November 3, 2020 election. (Administrative Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	2020 City Holiday Schedule.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 6, 2020
Agenda Date: February 26, 2020
Prepared By: Carie Shealy, City Clerk
Through: Tammy Gemmati, Administrative Services Director
Requested Action:
Consider the Cancellation of the Regular City Council Meeting on December 23, 2020 due to the holidays, and consider the change of November meeting dates due to the holidays and November 3, 2020 election.

BACKGROUND:

It has been the tradition of the City Council to cancel the second City Council meeting in December due to the holidays and due to the great number of citizens, employees, and Council members wishing to spend time with their families locally or out of town. This year, the second meeting of December falls on December 23, 2020. City offices are closed on Thursday and Friday, December 24 & 25, 2020.

Secondly, meeting dates in November fall on or near holidays as well, along with having an election. The General Election will be on Tuesday, November 3, 2020, and the Supervisor of Elections does not certify results until ten days after. Additionally, the first City Council meeting in November is Wednesday, November 11, 2020, which is Veteran's Day and City offices are closed. Lastly, the second City Council meeting in November is Wednesday, November 25, 2020 which is the night before the Thanksgiving holiday. City offices will be closed on Thursday and Friday, November 26 & 27, 2020.

The following is being proposed for November meetings:

- Hold the first City Council meeting on Tuesday, November 10, 2020 and CANCEL the original date of November 11, 2020; and
- Hold a Special City Council Meeting on Friday, November 20, 2020, during the day (10 a.m.) as we have done in the past, which would include the Swearing In Ceremony & reception for new Council members. This meeting would also include any pertinent Finance items that have to be approved by November 30, 2020; and
- Cancel the Second meeting of November 25, 2020 due to the holidays.

Section 2.51 of the City Code explains the Cancellation of City Council meetings and is noted below:

Time, place for regular meetings; procedure for cancelling meetings and calling special meetings.

(a)The regular meetings of the city council shall be held in the council meeting room in the municipal city hall building, such building being a publicly owned facility within the city limits, at 6:00 p.m. every second and fourth Wednesday of each and every month. The meeting time may be adjusted by the city council on a case-by-case basis to address special circumstances.

(b)In the event a regular meeting coincides with a holiday or for any reason a quorum will not be available, the council by majority vote may cancel or reschedule such meeting.

(c)In the event the city manager becomes aware that a quorum of the council will not be available or that there is no business which needs to be presented to the council, the city manager may notify each available member of the council of the facts and, if there is no objection, cancel such regular meeting. No more than one (1) meeting per month may be cancelled by this procedure.

(d)Special meetings may be called by the mayor or the city manager as from time-to-time may be required.

A 2020 City Holiday schedule is attached for your review.

STRATEGIC PLAN CONNECTION:

NA

BUDGETARY IMPACT:

NA

PREVIOUS ACTION:

The City Council has cancelled and rescheduled meetings in the past when situations arise or the need occurs.

RECOMMENDED MOTION:

Consider the Cancellation of the Regular City Council Meeting on December 23, 2020 due to the

holidays, and consider the change of November meeting dates due to the holidays and November 3, 2020 election.

CITY MANAGER'S OFFICE
65 Stone Street I Cocoa, FL 32922
Phone: (321) 433-8680 I Fax: (321) 433-8690

MEMORANDUM

TO: City of Cocoa Employees
FROM: John A. Titkanich, Jr., City Manager
DATE: November 21, 2019
SUBJECT: **2020 Holiday Schedule**

The City of Cocoa will observe the following Holidays in 2020:

Wednesday	January 1	New Year's Day
Monday	January 20	Martin Luther King, Jr.'s Birthday
Monday	February 17	President's Day* (IAFF, LIUNA & Non-Union only)
Monday	May 25	Memorial Day
Friday	July 3	Independence Day
Monday	September 7	Labor Day
Wednesday	November 11	Veteran's Day
Thursday	November 26	Thanksgiving Day
Friday	November 27	Day after Thanksgiving
Thursday	December 24	Day Before Christmas Day** (PBA, LIUNA & Non-Union only)
Friday	December 25	Christmas Day

**Employees covered under PBA contract do not have this Holiday.*
***Employees covered under IAFF contract do not have this Holiday.*

Legislation Details (With Text)

File #:	20-99	**Version:**	1	**Name:**	
Type:	Appointment			**Status:**	Council Busines
File created:	2/6/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Consider the Appointment of Mr. Todd Anderson as a Regular member of the Planning & Zoning Board and Ms. Aerial Glass as the 2nd Alternate member of the Planning & Zoning Board. (Administrative Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Anderson Application.pdf Anderson Consideration letter.pdf Glass Board application.pdf Glass Consideration letter.pdf Planning and Zoning Roster.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 6, 2020
Agenda Date: February 26, 2020
Prepared By: Carie Shealy, City Clerk
Through: Tammy Gemmati, Administrative Services Director
Requested Action:
Consider the Appointment of Mr. Todd Anderson as a Regular member of the Planning & Zoning Board and Ms. Aerial Glass as the 2nd Alternate member of the Planning & Zoning Board.

BACKGROUND:

Mr. Todd Anderson is a former member of the Planning and Zoning Board. His term expired on November 30, 2019. Mr. Anderson did not reapply at that time, so his term expired. He did however, submit an application on December 27, 2019. He is requesting to be reconsidered for his seat on the board. Mr. Anderson was originally appointed as a member of the Planning and Zoning Board on January 28, 2014. If appointed, his term would be through November, 2022. He would also be a non-resident board member which would fulfill 2/3 of the non-resident limit.

Ms. Aerial Glass has also submitted an application for board membership. There is a 2nd Alternate position available, and the City Clerk spoke with her and she is interested in this position. If appointed, Ms. Glass would not have an expiration date as an Alternate member.

Both Mr. Anderson and Ms. Glass meet all of the qualifications necessary for serving on a City board.

A current Planning & Zoning Board along with their Board applications are attached.

STRATEGIC PLAN CONNECTION:

NA

BUDGETARY IMPACT:

NA

PREVIOUS ACTION:

Appointments to City Boards are made when vacancies arise and expirations occur.

RECOMMENDED MOTION:

Consider the Appointment of Mr. Todd Anderson as a Regular member of the Planning & Zoning Board and Ms. Aerial Glass as the 2nd Alternate member of the Planning & Zoning Board.



RECEIVED
DEC 27 2019
OFFICE OF THE CITY CLERK

CITY OF COCOA
APPLICATION FOR BOARD/COMMITTEE MEMBERSHIP

City Code requires prospective and existing board members to fill out an application, consent to a standard criminal background check[1], be duly registered to vote in Brevard County, and be a resident or an owner of real property in the City of Cocoa. City Code also prohibits a person from serving on a City Board or Committee if that person has been convicted of a felony, unless their civil rights have been restored. 92 Forrest Ave. Cocoa, 32922

(Please Print)

Name: Todd P. Anderson Application Date: 12-20-19

Street Address, Including Zip Code: 816A Fawn Dr. Rockledge, Fl 32955

District that you live in ***(this information can be found on your Voter's Registration Card)***:
District 1 ____ District 2 ____ District 3 ____ District 4 ____

Telephones: Home: 321-403-7595 Work: _____ Pager: _____ Cell: _____

Place of Business: Waste Management Inc.

Title/Position Held: Driver

Date of Birth[2] 9-27-1961

Email Address: toddpanderson@yahoo.com

VARIOUS CITY BOARDS/COMMITTEES AVAILABLE
(Please Check All Those That Interest You)

	Affordable Housing Advisory Committee	X	Planning & Zoning Board
	Board of Adjustment		Police Community Relations Advisory Committee
	Brownfields Advisory Board		Redevelopment Agency (Cocoa)
	Code Enforcement/Drug Related Public Nuisance Board		Redevelopment Agency (Diamond Square)
	Housing Authority		Redevelopment Agency (US 1)
	Pension Board - Fire		Sustainability Advisory Committee
	Pension Board - General Employees		Utilities Advisory Board
	Pension Board – Police		

ELIGIBILITY

Have you been a City of Cocoa resident for at least 6 months?	Yes	____	No	✓
Do you own property or a business in Cocoa?	Yes	✓	No	____
Are you registered to vote in Brevard County, Florida?	Yes	✓	No	____

[1] An Addendum to the Application is attached and the information being requested is necessary in order to conduct a background check. Information will be used for those purposes only.

Have you ever been convicted or found guilty, regardless of adjudication, of a **felony** in any jurisdiction? Any plea of no contest shall be considered a conviction for purposes of this question. Yes ____ No X

If yes, have your civil rights been restored? Yes ____ No ____
Do you consent to a standard criminal background check? Yes ✓ No ____
(PLEASE SEE ATTACHED ADDENDUM)

MISCELLANEOUS INFORMATION

Do you currently serve on any other City of Cocoa board Yes ____ No X
Are you related to a City of Cocoa Councilmember by blood, Adoption or marriage? Yes ____ No X
Potential Conflict of Interest: Have you ever been engaged in the management of any business enterprise that has a financial interest with the City of Cocoa? Please provide details, such as the name of the enterprise, the nature of the business, and the positions you hold or have held. Yes ____ No X

INTERESTS AND EXPERIENCE
(Additional Information May be Attached)

Briefly state your interest in serving on a City board or committee. Please include information relating to prior service on any governmental board or committee, and any specialized skills or training you feel will help you to qualify for membership on the desired City board or committee.

Utilities Advisory Board 1996-2000
Council Member 2000-2004
Planning and Zoning member 2006-2019

STATE REPORTING REQUIREMENTS

Section 760.80, Florida Statutes, requires that the City annually submit a report to the Secretary of State disclosing race, gender, and physical disabilities of board and committee members. Please check the appropriate boxes:

RACE

____ African-American
____ Asian-American
____ Hispanic-American
____ Native American
✓ Caucasian

GENDER

✓ Male
____ Female

DISABILITY

____ Physically Disabled

Office of the City Clerk
65 Stone Street I Cocoa, FL 32922
Phone: (321) 433-8480 I Fax: (321) 433-8455

February 6, 2020

Mr. Todd Anderson
816-A Faull Drive
Rockledge, FL 32955

Re: Appointment as a Member of the Planning & Zoning Board

Dear Mr. Anderson:

This is to notify you that the Cocoa City Council will consider your application for appointment as a member to the Planning & Zoning Board at the Regular City Council meeting being held on Wednesday, February 26, 2020.

If you wish to attend, the meeting will commence at 6:00 p.m. in City Council Chambers, in Cocoa City Hall, 65 Stone Street, Cocoa.

If you have any questions or require additional information, please feel free to call our office at (321) 433-8484.

Sincerely,

Carie E. Shealy, MAA, MMC
City Clerk

Carie Shealy

From: noreply@civicplus.com
Sent: Tuesday, October 01, 2019 12:55 PM
To: Carie Shealy
Subject: Online Form Submittal: Application for Board/Committee Membership

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Application for Board/Committee Membership

City of Cocoa Application for Board/Committee Membership
City Code requires prospective and existing board members to fill out an application, consent to a standard criminal background check, be duly registered to vote in Brevard County, and be a resident or an owner of real property in the City of Cocoa. City Code also prohibits a person from serving on a City Board or Committee if that person has been convicted of a felony, unless their civil rights have been restored.*

(Please Print)

First Name	Ariel
Last Name	Glass
Application Date	10/1/2019
Address1	1080 North Fiske Apt. D7
City	Cocoa
State	Florida
Zip	32922
District	District 1
Home Phone Number	321-615-6317
Work Phone Number	321-452-0800
Cell Phone Number	321-615-6317
Other Phone Number	*Field not completed.*
Place of Business	Crosswinds Youth Services

Title/Position Held	Program Assistant
Date of Birth*	11/2/1992
E-mail Address	ariel.glass@icloud.com

**The information being requested is necessary in order to conduct a background check. Information will be used for those purposes only.*

(Section Break)

Various City Boards/Committees Available	Planning & Zoning Board, Police Community Relations Advisory Committee, Redevelopment Agency (Cocoa), Redevelopment Agency (Diamond Square), Redevelopment Agency (US 1)

(Section Break)

Eligibility

Have you been a City of Cocoa resident for at least 6 months?	Yes
Do you own property or a business in Cocoa?	No
Are you registered to vote in Brevard County, Florida?	Yes
Have you ever been convicted or found guilty, regardless of adjudication, of a felony in any jurisdiction? Any plea of no contest shall be considered a conviction for purposes of this question.	No
If yes, have your civil rights been restored?	*Field not completed.*
Do you consent to a standard criminal background check?	Yes

(Section Break)

Miscellaneous Information

Do you currently serve on any other City of Cocoa board?	No
Are you related to a City of Cocoa Councilmember by blood, adoption, or marriage?	No
Potential Conflict of Interest: Have you ever been engaged in the management of any business enterprise that has a financial interest with the City of Cocoa? Please provide details, such as the name of the enterprise, the nature of the business, and the positions you hold or have held.	No
If yes, please provide details.	*Field not completed.*

(Section Break)

Interests and Experience

Additional Information May be Attached	Ariel_Glass_Resume.pdf
Briefly state your interest in serving on a City board or committee. Please include information relating to prior service on any governmental board or committee, and any specialized skills or training you feel will help you to qualify for membership on the desired City board or committee.	Like majority of the members on board committees, I was also born and raised in the heart of Cocoa, Florida. Developing here academically, financially, socially and spiritually, I deem myself as a witness to the city's transformation from a particular perspective. At the age of 26, I have a substantial desire to be apart of influencing my city in a direction to evaluative heights of more redevelopment-redevelopment to the actual city and the people with in. I believe that having a spectrum that's inclusive of young adults will not only inspire the youth within the community but also bring an even greater wealth of knowledge and productivity to the committee and community in totality. It would be a complete honor to join side by side and hand in hand in the redevelopment of the City of beautiful Cocoa. Please view my resume for more information of skills and assets in favor of board committee.

(Section Break)

State Reporting Requirements

Section 760.80, Florida Statutes, requires that the City annually submit a report to the Secretary of State disclosing race, gender, and physical disabilities of board and committee members. Please check the appropriate boxes:

Race	African-American
Gender	Female
Disability	*Field not completed.*
	Field not completed.

(Section Break)

Applicant Certification

By filling this application with the City of Cocoa, I do hereby acknowledge the following: 1. This application, when completed and filed with the Office of the City Clerk, is a public record under Chapter 119, Florida Statutes, and is open to public inspection. 2. I am responsible for keeping the information on this form current and provide any changes or updates to the Office of the City Clerk. 3. I consent to filing a Statement of Financial Interests (Form 1) required if required for the board in which I am appointed to. 4. If appointed to a board/committee, I acknowledge that this is my obligation and duty to comply with the following: Code of Ethics for Public Offices (Florida Statutes, Chapter 112, Part III) Florida Sunshine Law (Florida Statutes, Chapter 286) http://www.flsenate.gov/Statutes.

Signature	Ariel Glass
Date:	10/1/2019
Social Security Number	[redacted]
Drivers License Number	
City Board and Committee Information as well as Meeting Information	Boards and Committees

All meetings are subject to change in dates and/or may be canceled with the approval of the City Manager (with the exception of the regular Council meetings), dependent upon whether there are items or cases to be considered. Other meetings of boards not listed above are held on an infrequent basis to which there is no standard or specified monthly date. (Please refer to the preceding "Description of Boards and Committees".) The three pension boards generally meet quarterly, and meetings may be held more often, depending on necessity. The Drug Related Public Nuisance Board holds meetings coinciding with the Code Enforcement Board; however, it meets infrequently on an as needed basis. THIS INFORMATION IS PUBLISHED BY THE CITY CLERK'S OFFICE IN AN EFFORT TO BETTER INFORM CITIZENS ABOUT THEIR CITY GOVERNMENT.

Office of the City Clerk
65 Stone Street I Cocoa, FL 32922
Phone: (321) 433-8480 I Fax: (321) 433-8455

February 6, 2020

Ms. Ariel Glass
1080 North Fiske Blvd., Apt. D7
Cocoa, FL 32922

Re: Appointment as the 2nd Alternate to the Planning & Zoning Board

Dear Ms. Glass:

This is to notify you that the Cocoa City Council will consider your application for appointment as the 2nd Alternate to the Planning & Zoning Board at the Regular City Council meeting being held on Wednesday, February 26, 2020.

If you wish to attend, the meeting will commence at 6:00 p.m. in City Council Chambers, in Cocoa City Hall, 65 Stone Street, Cocoa.

If you have any questions or require additional information, please feel free to call our office at (321) 433-8484.

Sincerely,

Carie E. Shealy

Carie E. Shealy, MAA, MMC
City Clerk

Planning & Zoning Board	**Meets Second Wednesday Every Month @ 6pm**			**Expirations in November**
MEMBER	**ADDRESS**	**PHONE**	**APPOINTED**	**EXPIRES**
Lawrence Koss	2115 N. Indian River Dr. Cocoa, FL 32922 llkosmosjr@gmail.com	266-7520 cell	2/18 Appointed	2020
Al Washington ***Vice Chairman (as of 2/2014)***	3018 Sandgate Court, Cocoa FL 32922-4434 al26wash@yahoo.com	636-1099 (H) 432-7567 (C)	11/17 Reappointed 10/14 Reappointed 10/11 Reappointed 11/08 Reappointed 08/07 Appointed	2020
Trina Gilliam (Replaced Jack L. Moore) (Non-resident)	813 Temple St. Cocoa, FL 32922 Trinagilliam71@gmail.com	978-432-9221 321-221-7540 x 113 (work)	01/19 Appointed	2022
Marilyn Green (Replaced Jake Williams, Jr.)	104 Riverside Dr. #204 Cocoa, FL 32922	617-5554 (hm) 603-502-4632 (cell)	02/18 Appointed	2021
Michael Dobrin- ***Chairman (as of 2/2014)***	100 Riverside Drive #406, 32922-7864 MIKE-CONNIE@oleanderpointe.com	637-0884	11/17 Reappointed 10/14 Reappointed 10/11 Reappointed 11/08 Reappointed 4/06 Appointed to fill unexpired term	2020
Jeri Blanco	PO Box 236402 Cocoa, FL 32923	321-514-3531	01/2019 Appointed	2022
Russell Sengel	[redacted] rsengel@cfl.rr.com	[redacted]	11/19 Reappointed 11/16 Reappointed 10/13 Reappointed 03/13 appointed to fill term not renewed by S. Holmes and not accepted by Mr. Harvey	2022
Sharon (Sherry) Ervin	335 Meridian Run Drive Cocoa, FL 32926 Srcahill2001@yahoo.com	636-0734 (hm) 636-5885 (wk) 863-6916 (cell)	11/17 Reappointed 09/17 appointed to fulfill unexp term of Betty Lee	2020
VACANCY Todd Anderson (non-resident) (did not renew)	~~1355 Arlington Ave. Merritt Island, FL 32952~~ ~~toddpanderson@yahoo.com~~	~~403-7595 (cell)~~	~~11/16 Reappointed 1/28/14 appointed (to fill vacancy left by Stephenson)~~	~~2019~~
Vacancy – did not renew - Jim Crisafulli (non-voting member)	960 Harbor Pines Drive, MI 32952	453-4993	10/05 Reappointed 1/04 Appointed	2008
Aleck Greenwood -1st Alternate	PO Box 1077 Cocoa, FL 32923	321-917-3770	01/2019 Appointed	
VACANCY- 2nd Alternate				
VACANCY Non-Voting				

Member				
LIAISON	Mayor Williams		Updated 12/18	
Counsel: Anthony Garganese/Kristin Eick	PO Box 2873, Orlando, FL 32802-2873	866-425-9566 407-472-0178 (Kristin Eick)		
RECORDING SECRETARY	Monica Arsenault	433-8488		

Legislation Details (With Text)

File #:	20-100	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	City Business
File created:	2/6/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve Task Order 2020-07, City of Cocoa America's Water Infrastructure Act (AWIA) Section 2013 Compliance Support, with Jacobs Engineering Group (Jacobs) to Provide Assistance to the City of Cocoa to meet the AWIA Requirements including Project Initiation, Risk and Resiliency Assessment, and Emergency Response Plan Update; To Approve a Resolution Amending the FY2020 Budget, BAF# 20-044-T. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	TO (2020-07) Jacobs $188914 (1-30-20) UT - Copy.pdf T.O. 2020-07 AWIA Proposal.pdf Budget Resolution FY 2020 (ADA).docx BAF 20-044-T -UT-Task Order 2020-07 (2-26-20) Agenda 20-100.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 6, 2020
Agenda Date: February 26, 2020
Prepared By: Norma E. Hernandez, Administrative Secretary
Through: John A. Walsh, P.E., Utilities
Requested Action:
To Approve Task Order 2020-07, City of Cocoa America's Water Infrastructure Act (AWIA) Section 2013 Compliance Support, with Jacobs Engineering Group (Jacobs) to Provide Assistance to the City of Cocoa to meet the AWIA Requirements including Project Initiation, Risk and Resiliency Assessment, and Emergency Response Plan Update; To Approve a Resolution Amending the FY2020 Budget, BAF# 20-044-T.

BACKGROUND:

On November 13, 2019, City Council approved the final ranking of firms for RFQ-20-03-COC, Engineering Services for the Water System and authorized the City Manager and City Attorney to negotiate and execute a multi-year contract with the selected firm, Jacobs Engineering Group, Inc. (Jacobs) fka CH2M Hill Engineers, Inc. This agreement was entered on February 5, 2020, for three years with the option to extend the term for two (2) additional two (2) year terms.

Staff is requesting City Council approval of Task Order 2020-07, City of Cocoa America's Water Infrastructure Act (AWIA) Section 2013 Compliance Support under this new Continuing Services

Agreement (CSA). This task order will provide assistance to the City of Cocoa to meet the AWIA requirements including the following subtasks:

- Task 1 - Project Initiation
- Task 2 - Risk and Resiliency Assessment
- Task 3 - Emergency Response Plan Update

This task must be completed by March 31, 2020 and normally takes 6 months to complete. Because time is of the essence to complete this task quickly in order to be in compliance with the AWIA Section 2013, staff has issued a Notice to Proceed to Jacobs Engineering in anticipation of Council approval of this agenda item. Staff is also requesting approval of a budget transfer in the amount of $188,914 to fund this task order. Funds will be transferred from Account No. 421-4010-536.39-00, Contingency to Account No. 421-4010-536.31-00, Professional Services.

Staff recommends approval of Task Order 2020-07 to meet the AWIA requirements.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	No
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment Form # 20-044-T

Amount Requested	$188,914
Account Number	421-4010-536.31-00
Account Name	Professional Services
Source of Funds:	421-4010-536.39-00, Contingency

PREVIOUS ACTION:

None.

RECOMMENDED MOTION:

To Approve Task Order 2020-07, City of Cocoa America's Water Infrastructure Act (AWIA) Section 2013 Compliance Support, with Jacobs Engineering Group (Jacobs) to Provide Assistance to the City of Cocoa to meet the AWIA Requirements including Project Initiation, Risk and Resiliency Assessment, and Emergency Response Plan Update; To Approve a Resolution Amending the FY2020 Budget, BAF#20-044-T.

Embedded Secure Document

The file *https://cocoa.legistar.com/View.ashx?M=F&ID=8088163&GUID=F06E9976-E4F7-42B9-8EDD-7EE53D0A8646* is a secure document that has been embedded in this document. Double click the pushpin to view.



City of Cocoa Task Order 2020-07

AWIA Section 2013 Compliance Support

Objective

The purpose of this task order (TO) is to provide assistance to the City of Cocoa to meet the America's Water Infrastructure Act (AWIA) requirements. This task order is intended to include the estimated level of effort to provide the above described services on a time and materials basis compensation method for the period from January 1, 2020 through September 30, 2020. Services proposed by JACOBS Engineering Group (JACOBS) in this Task Order will be performed in accordance with RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019.

Background

On October 23, 2018, the America's Water Infrastructure Act (AWIA) was enacted, requiring community water systems (including wholesale water providers) serving a population of over 3,300 to conduct a Risk and Resilience Assessment (RRA) and develop or update an Emergency Response Plan (ERP) in accordance with requirements in Section 2013, Community Water System Risk and Resilience. The AWIA replaces the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (Public Law 107-188, Title IV – Drinking Water Security and Safety) that required water systems to conduct a vulnerability assessment (VA) and develop an ERP.

This TO describes the scope of services that Jacobs will provide to perform an RRA for the City's water utility and update the City's water utility ERP to meet the AWIA requirements and enable the City of Cocoa to certify compliance by the applicable due dates. Because the customer population served by the City of Cocoa water system is greater than 100,000, the City of Cocoa must certify completion of the RRA to the U.S. Environmental Protection Agency (EPA) by March 31, 2020. Certification for completion of an ERP must be submitted by September 30, 2020.

All information collected as part of this assessment will be kept confidential within the core RRA team at Jacobs and not shared outside of the core RRA team as we are aware of the sensitivity of this information.

Notwithstanding anything to the contrary in the task order or any agreement or work order for these services, Jacobs will have no liability for any damages resulting from a security breach.

Scope of Services

The scope of services to be provided by Jacobs under this TO includes the following activities:

- Task 1 – Project Initiation
- Task 2 – Risk and Resilience Assessment
- Task 3 – Emergency Response Plan Update

Each task is described in further detail in the following subsections.

Task 1: Project Initiation

Upon Notice to Proceed (NTP), the Project Manager will plan and schedule a kick-off meeting as a webinar to introduce the project team, review the scope of services, and discuss expectations for the project including the participation of staff from the City of Cocoa at the various workshops.

Prior to the kick-off meeting, the Project Manager will coordinate project planning, including schedule, communication protocol, and data/information needs. Jacobs will assemble and review the information

and data currently available based on our working knowledge of the City of Cocoa water system. The Project Manager will coordinate with the City of Cocoa to address any additional information and data needs for the project as the project progresses.

Deliverables

The following deliverables will be submitted to the City of Cocoa as part of this task:

- Project kick-off meeting agenda
- Meeting summary

Meetings

- Project kick-off meeting

Assumptions

The following assumptions are included as part of this task:

- City of Cocoa can make the existing VA available for review onsite.
- Access to existing information will be readily available to enable planning for the onsite project activities of the RRA and ERP update. This information will focus on the differences between the original VA (circa 2002) and the requirements of the RRA including:
    - Any new facilities added since the last VA was performed
    - Any natural hazards risk identification previously performed
    - Any cybersecurity VA, policies, emergency response procedures, etc.
    - Any financial resilience analysis

Task 2: Water System Risk and Resilience Assessment

Section 2013 of the AWIA of 2018 includes requirements for conducting the RRA. These requirements are broader and more in-depth than the Bioterrorism Act of 2002 requirements for conducting a VA. Specific RRA elements required include the following:

- Risk to the system from malevolent acts and natural hazards
- The resilience of the pipes/conveyances, physical barriers, source water, water collection/intake, pretreatment, treatment, storage/distribution facilities, and electronic/computer (including their security) systems
- Monitoring practices
- Financial infrastructure
- Use, storage, or handling of chemicals
- Operation and maintenance of the system
- Capital and operational needs for risk and resilience management of the system (optional)

The RRA will be conducted using the currently accepted industry standard for risk analysis: the American Water Works Association (AWWA) Risk and Resilience Management of Water and Wastewater Systems J100-10 standard (2010). The J100-10 standard provides a method for community water systems to assess risk and resilience associated with threats from malevolent acts, natural hazards, dependency hazards, and proximity hazards to critical infrastructure assets. The J100-10 methodology consists of successive steps that identify mission-critical assets, the vulnerability of those assets, the likelihood of threats to those assets, and the consequences with regard to the failure of those assets. These components provide the basis for the risk and resilience analysis of critical threat-asset pairs. While the

J100-10 approach comprises seven steps, the final step—Risk/Resilience Management—will not be performed as it isn't required for AWIA compliance.

The Jacobs RRA project team will initially work with other Jacobs staff familiar with the City of Cocoa water system to identify critical water facilities/assets, perform a preliminary analysis, and prepare for a series of onsite workshops, interviews, and physical site inspections.

Onsite RRA Activities

The Jacobs RRA project team will be onsite for three (3) days for the following activities:

- **Project Introduction Presentation**. A presentation will be provided to all stakeholders introducing the AWIA, its requirements, the RRA and ERP update processes, the AWIA project schedule, and the activities to be undertaken during the onsite period.

- **Workshops**. Workshops will be undertaken during the onsite period to address the following:
  - Asset prioritization and threat review
  - Threat-asset list review
  - Consequence criteria review
  - Consequence scoring

  The workshops will focus on reviewing the preliminary analyses and completing the initial sections of the Jacobs RRA analysis tool. Involvement of Cocoa stakeholders in these workshops is critical to confirm the RRA team's assumptions. This constitutes the review of the information used to generate the RRA findings.

- **Stakeholder Interviews**. To gain a deeper understanding of the system, a series of stakeholder interviews will be conducted with key personnel. These interviews will be conducted during the onsite period based on availability of staff to capture details of specific RRA elements. Where these RRA elements are considered to have been adequately captured during workshop discussions, separate interviews may not be required. Interview sessions may include:
  - Natural Hazards – A review of historical impacts and resilience building activities for the utility's facilities and assets to natural hazards related to severe weather and climate change, including flooding, high wind, extreme heat and wildfire events.
  - Supply Chain Impacts – A review of the reliability and potential impacts of the utility's supply chain including chemicals, parts, fuel, power, etc.
  - Water Quality, Pressure, and Flow Monitoring – A review of water quality, pressure, and flow monitoring (including online monitoring) in place at the utility.
  - Financial Resilience – A review of the resilience of the utility's financial elements including billing, collection, and financial contingencies.
  - Chemical Use, Storage, and Handling – A review of the chemicals, their use, storage, and handling at the utility's water facilities.
  - Operations and Maintenance – A review of utility water operations, operational needs, and maintenance procedures in place. (If this topic has been captured in adequate detail during the workshops, this review may not be required.)

Cybersecurity Workshop. In conjunction with the J100-10 methodology, Jacobs will use the Department of Homeland Security/Industrial Control System - Computer Emergency Response Team (DHS/ICS-CERT) Cyber Security Evaluation Tool (CSET v8.1) to evaluate the risk to IT networks and to ICS/SCADA networks (cyber security monitoring practices). The CSET utilizes network diagram assessment combined with a series of security standards-based questions to provide understanding and

context, which enables the assessor in identifying security shortfalls and identifying best practices for programs and processes.

The CSET produces a Cyber Risk Score, which Jacobs aligns to the Department of Energy (DoE) Cybersecurity Capability Maturity Model (C2M2) to provide a relative understanding of the assessed level of operational and infrastructure cyber risk and a pathway forward for mitigation of the identified risk. This approach does not include penetration testing or active network probing. The results of this assessment will be incorporated into the Jacobs RRA analysis tool.

Critical Facilities/Assets Site Visits. Jacobs already has intimate knowledge of the water utility facilities, however critical facilities and assets identified during the workshops may be visited by RRA project team members (including natural hazard, physical security, and cybersecurity subject matter experts) along with utility plant managers and staff with direct knowledge of the utility's source water, treatment, and distribution facilities. Site visits of representative critical drinking water system facilities will be conducted using checklists.

RRA Onsite Visit Debrief. At the completion of the onsite activities, a debrief meeting will be held to discuss the preliminary findings from the workshops, stakeholder interviews, and site visits. Comments and concerns from City of Cocoa staff will be addressed as part of the RRA summary of findings.

RRA Reporting

On completion of the RRA analysis, a summary of the findings will be documented in a technical memorandum and an electronic copy will be delivered to the City of Cocoa no later than March 20, 2020 to meet the corresponding AWIA deadline. These findings provide input to the ERP update.

The City of Cocoa is responsible for certifying RRA compliance to EPA by the due date (March 31, 2020).

Deliverables

The following deliverables will be submitted to JEA as part of this task:

- Overview agenda for the onsite activities
- Technical memorandum providing a summary of the findings of the RRA

Meetings

- Project Introduction (1 hour)
- Workshops (four at 3-4 hours each)
- Stakeholder Interviews (six at 1 hour each)
- Cybersecurity Workshop (4 hours)
- Site Visits
- Site Visit Debrief (1 hour)

Assumptions

The following assumptions are included as part of this task:

- Jacobs will provide the City of Cocoa with a list of data, information, and document needs prior to the site visit.
- The City of Cocoa will provide relevant data, information, and documents requested prior to the site visit. Access to plans and data as requested by Jacobs will be available and provided by the utility in a timely manner. Jacobs will reasonably rely upon the accuracy, timeliness, and completeness of the information provided by the utility. The utility does not guarantee that all records and data requested by Jacobs are available.

- Jacobs onsite staff will meet with the utility point of contact for approximately 1 hour in the morning of the first day on-site to discuss project logistics including document security, contact information for IT/OT staff, operations and maintenance supervisor contact information, and any site security and safety plan information.
- Jacobs will manage the health, safety, and environmental activities of its staff to achieve compliance with applicable health and safety laws and regulations.
- The City of Cocoa will provide knowledgeable staff to participate in workshops, interviews, and site visits to selected facilities/assets.
- The City of Cocoa will provide Jacobs staff on the project access to its facilities, as required, for performance of the RRA activities. The City of Cocoa will provide interview rooms and conference rooms as needed for interviews, workshops, and site visit debriefing. It is assumed the site visits will not require confined space entry, vertical ladder climbing needing fall protection, or other areas requiring special training. It is assumed only minimal personal protective equipment (PPE) will be required, including safety vests and hard hats.
- All electronic deliverables will be provided to City of Cocoa via email or via an ftp site, as needed.

Task 3: Emergency Response Plan Update

Section 2013 of the AWIA includes requirements for developing or updating the ERP. These requirements are broader and more in-depth than the Bioterrorism Act of 2002 requirements for an ERP. Specific ERP requirements include the following:

- Incorporate the findings of the RRA.
- Include strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system.
- Include plans and procedures that can be implemented, and identify equipment that can be utilized, in the event a malevolent act or natural hazard threatens the ability of the community water system to deliver safe drinking water.
- Include actions, procedures, and equipment that can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to communities and individuals, including the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers.
- Include strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

The updated version of the ERP will be developed in accordance with the AWIA and current guidelines associated with National Incident Management System (NIMS) standards, the National Response Framework (NRF), the National Infrastructure Protection Plan (NIPP), EPA, Federal Emergency Management Agency (FEMA), and DHS. The City of Cocoa's existing ERP will be considered and incorporated, as appropriate, in the updated ERP for the drinking water system. In addition, the ERP will consider current utility Emergency Management procedures, policies, and information related to emergency response. The ERP team lead will be an emergency planning and response plan expert with experience developing plans for water systems and utilities in accordance with industry standard guidance and resources. The ERP will outline strategies and resources to improve response and resilience to anticipated threats based on the RRA.

The following subsections describe the approach taken to update the ERP.

Data Collection and Review

Jacobs will review the current water system ERP and related documents such as the Disaster Recovery plan, emergency planning/response policies, training and exercise plans, equipment lists, alternative water source information, community emergency plans, and mutual aid agreements.

Based on this review, a table will be compiled that compares the current ERP with requirements and components of a water system ERP based on the AWIA requirements and guidance. This table will be provided to City of Cocoa in electronic form to assist with efficient delivery of a water system ERP that incorporates all requirements under Section 2013 of the AWIA, making the best use of available information.

Site Visit and Interviews

Information and current resources needed to complete the draft water system ERP will be obtained during an onsite visit through interviews and discussions with City of Cocoa staff, emergency management and response resources, and other entities, as applicable. ERP elements that require utility staff consensus and verification of information such as Incident Command System (ICS) roles and responsibilities, ERP activation criteria, action levels, and other applicable elements will be completed during a one-hour workshop with City of Cocoa on day one of the site visit. The site visit for ERP-related information needs will be completed by one water system ERP expert and one local engineer in coordination with the Project Manager. The ERP expert and local engineer will be onsite for 2 days. A 30-minute close-out presentation of key site visit events and information will be provided on day two of the site visit to utility staff. Additional information collection needs identified as the project progresses will be coordinated with City of Cocoa by the Jacobs Project Manager.

Draft ERP

A draft ERP will be developed in accordance with the AWIA requirements and appropriate industry guidance. This includes utilizing the NIMS/ICS as the framework for responding to emergencies. This will assist City of Cocoa with coordination and support of local, State, and Federal response agencies as appropriate. NIMS is a comprehensive, national approach to incident management that is applicable at all jurisdictional levels and across functional disciplines. The intent of NIMS is to provide a response structure that is applicable across a full spectrum of potential incidents and hazard scenarios, regardless of size or complexity and to improve coordination and cooperation between public and private entities in a variety of domestic incident management activities.

NIMS provides a framework for communication interoperability and compatibility by balancing flexibility and standardization. It provides a flexible framework that facilitates government and private entities at all levels working together to manage domestic incidents. This flexibility applies to all phases of incident management, regardless of cause, size, location, or complexity. NIMS also provides a set of standardized organizational structures, as well as requirements for processes, procedures, and systems designed to improve interoperability.

The ERP addresses facility emergencies that will be managed primarily by the utility as well as support and cooperation with other agencies during large-scale emergencies. The goal of the ERP is to help protect the health and safety of utility employees, customers, and the general public.

Preparation of the ERP will accomplish the following:

- Develop an Incident Management Team (IMT) and identify responsibilities for each team member including participation in a regional Unified Command structure during a sustained event involving the utility.
- Establish procedures for internal and external notification and crisis communications.
- Assist the utility in minimizing the impact of an emergency on its facilities by developing response actions and procedures and providing critical response information.

- Help protect the health and safety of utility employees, customers, and the general public.
- Develop training and exercise guidelines and brief schedule to enhance emergency preparedness.
- Provide preparation of guidelines for distribution, revision, and updates of the ERP.
- The draft ERP will be provided electronically to City of Cocoa for review via email or via an ftp site, as needed.

Final ERP

The City of Cocoa will review and provide comments to the Jacobs team within two weeks of receiving the draft ERP. The Jacobs team will conduct a 2-hour webinar to receive comments and address questions. Following the webinar, the Jacobs team will make requested changes and edits to address utility comments and produce the draft final ERP. A draft final ERP will be submitted for review and approval by the utility that addresses comments within 30 days of comment receipt. An electronic copy of the Final water system ERP will be transmitted securely to City of Cocoa no later than September 18, 2020 to meet the corresponding AWIA deadline. The City of Cocoa is responsible for submitting ERP compliance certification to EPA by the due date (September 30, 2020).

Deliverables

The following deliverables will be submitted to the City of Cocoa as part of this task:

- Draft City of Cocoa water system ERP
- Final City of Cocoa water system ERP

Meetings

- Site visit ERP workshop
- Site visit close-out presentation
- Draft ERP review webinar

Assumptions

The following assumptions are included as part of this task:

- Jacobs will provide City of Cocoa with a list of data, information, and document needs prior to the site visit.
- The City of Cocoa will provide relevant data, information, and documents requested prior to the site visit. Access to plans and data as requested by Jacobs will be available and provided by City of Cocoa in a timely manner. Jacobs will reasonably rely upon the accuracy, timeliness, and completeness of the information provided by the City of Cocoa. The City of Cocoa does not guarantee that all records and data requested by Jacobs are available.
- Jacobs staff will meet with the utility point of contact for approximately one hour in the morning of the first day onsite to discuss project logistics including document security, contact information for relevant staff to be interviewed, and any site security and safety plan information.
- At a minimum, the City of Cocoa will make accessible the following data and records that are available:
    - Current emergency response related plans and standard operating procedures (SOPs)/written procedures/checklists not already included in ERP(s)
    - Current emergency response mutual aid agreements
    - Organizational charts

  - List and contact information for vendors
  - Interdependent utilities and contractors
  - Equipment lists
  - City of Cocoa and relevant contact lists
  - Facility maps, evacuation routes, and records of past training whether in-house or with external emergency response partners
- The City of Cocoa will provide knowledgeable staff for data collection and interview activities.
- The utility will provide Jacobs access to its facilities, as required, for performance of the services. The utility will provide staff and interview areas and conference rooms for site visit meetings.
- The City of Cocoa will provide comments on the Draft ERP within 2 weeks of submittal.

General Assumptions

The scope of work and level of effort are based on the task durations included in the Compensation sections and the breakdown of labor and expenses shown in Table 1. Specific assumptions for each task are provided within the task description.

Compensation

Compensation for the services authorized under this task order will be provided using the time and materials basis method with budgets between the tasks and expenses being interchangeable as needed. Costs are summarized below by task.

Table 1. AWIA Section 2013 Compliance Support

Task	Hours	Fee
TASK 1 Project Initiation	62	$11,560
TASK 2 Risk and Resilience Assessment	415	$77,960
TASK 3 Emergency Response Plan Update	494	$87,444
EXPENSES	N/A	$11,950
Grand Total	**971**	**$188,914**

Levels of effort for tasks are estimates based on the best information available at the time of task order development. As projects scopes are better defined, actual levels of effort required and associated fees might differ and require coordination between the PMT and the City.

Schedule

It is anticipated that the contract duration for Jacobs' services beginning at the notice to proceed is approximately 8 months to meet the AWIA certification dates.

Attachments

Attachment A –Estimated Fee Matrix

Attachment B – Jacobs Engineering Group Rate Schedule

Acceptance

This Task Order shall become part of the Agreement upon execution by both parties.

Approved for City of Cocoa	Accepted for JACOBS Engineering Group
By _____	By _____
	Francois Didier Menard
Title _____	Title Vice President
Date _____	Date January 28, 2020

Attachment A
Estimated Fee Matrix

City of Cocoa - Estimate Fee Matrix for AWIA

Activity	Task	Senior Project Manager (ERP Lead Stacey Black)	Senior Professional Engineer/ Scientist/ Consultant (PM Chris Macintosh)	Senior Professional Engineer/ Scientist/ Consultant (Cyber SME Edgar Campos)	Senior Professional Engineer/ Scientist/ Consultant (Nat Haz SME Enrique Lopez calva)	Senior Professional Engineer/ Scientist/ Consultant (Physical Bob Craig)	Professional Engineer/ Scientist/ Consultant/ Project Manager (RRA Lead Todd Elliott)	Professional Engineer/ Scientist/ Consultant (Project Engineer - Richie Angley (RRA))	Junior Professional Engineer/ Scientist/ Consultant (Doc Format Admin - Jane Mailand)	Junior Project Engineer/ Scientist/ Consultant (CADD/ graphics)	Junior Project Engineer/ Scientist/ Consultant (Contracts TBD)	Office/ Project Administration Jessy	Labor Hours	Labor Total	Expense Total	Totals
	Bill Rate	**235**	**218**	**218**	**218**	**218**	**199**	**142**	**142**	**110**	**110**	**85**				
1	**Project Initiation**															
	Kickoff meeting	2	4	2	2	2	2	2	2				18	$3,616		$ 3,616
	Planning for site visits		2	2	2	2	4	2	2				16	$3,108		$ 3,108
	Project Management/ HSE		16						4		4	4	28	$4,836		$ 4,836
	SUB Totals	2	22	4	4	4	6	4	8	0	4	4	62	$ 11,560	$ -	$ 11,560
2	**Risk and Resilience Assessment**															
	RRA Prework - develop list of vulnerabilities, risks, prioritize findings		4	8	8	8	16	16					60	$11,560		$ 11,560
	Onsite activities		27	27	27	30	30	30	30				201	$38,688	$ 8,550	$ 47,238
	RRA analysis - finalize list of vulnerabilities, risks, prioritize findings		2	4	16	4	24	24					74	$13,852		$ 13,852
	Compile TM of results	4	4	4	8	4	8	4	24				60	$10,868	$ 300	$ 11,168
	Project Management/ HSE		8						4			8	20	$2,992		$ 2,992
	SUB totals	4	45	43	59	46	78	74	58	0	0	8	415	$ 77,960	$ 8,850	$ 86,810
3	**Emergency Response Plan Update**															
	Preliminary document review	40	4					16					60	$12,544		$ 12,544
	Onsite Activities	32						20					52	$10,360	$ 2,500	$ 12,860
	Develop / update Draft ERP	48	4					100	32	20			204	$33,096	$ 300	$ 33,396
	Internal QA - Draft ERP		4	4	4	4	8	4					28	$5,648		$ 5,648
	Presentation workshop - and submit Draft ERP	8	2					8	6				24	$4,304		$ 4,304
	Update to Final ERP	24	4					30	32				90	$15,316	$ 300	$ 15,616
	Submit Final ERP		4					8					12	$2,008		$ 2,008
	Project Management/ HSE		16									8	24	$4,168		$ 4,168
	SUB Totals	152	38	4	4	4	8	186	70	20	0	8	494	$ 87,444	$ 3,100	$ 90,544
	SUB Totals												0	$0		$ -
		0	0	0	0	0	0	0	0		0	0	0	$0	$ -	$ -
	Total	**158**	**105**	**51**	**67**	**54**	**92**	**264**	**136**	**20**	**4**	**20**	**971**	$176,964	$ 11,950	$ 188,914
																$ -

Attachment B
Jacobs Engineering Group Rate Schedule

EXHIBIT "A"
Jacobs Engineering Group Rate Schedule

Classification	Description	Rate
Engineer 9	Principal	$235
Engineer 8	Senior Reviewer/Consultant	$235
Engineer 7	Senior Project Manager	$235
Engineer 6	Senior Professional Engineer/Scientist/Consultant	$218
Engineer 5	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	$199
Engineer 4	Professional Engineer/Scientist/Consultant/Project Manager	$169
Engineer 3	Junior Professional Engineer/Scientist/Consultant	$142
Engineer 2	Project Engineer/Scientist/Consultant	$120
Engineer 1	Junior Project Engineer/Scientist/Consultant	$110
Engineer 0	Engineering Intern	$95
Technician 5	Senior Construction Manager/Senior Designer	$169
Technician 4	Construction Manager/Senior Technician	$142
Technician 3	Senior Construction Inspector	$120
Technician 2	Construction Inspector/Technician	$110
Technician 1	Junior Construction Inspector/Junior Technician	$85
Technician Aide	Technical Aide	$80
Office	Office/Project Administration	$85

Notes:

1. Billing rates for the City of Cocoa are designated for the length of this Agreement from January 2020 through January 2023.

2. These rates do not include other direct expense cost. Reimbursable other direct expenses shall be billed in accordance with the terms of the contract.

3. Billing rate schedule is for time basis work order and the City will be billed based on actual hours by category designated for an individual employee.

4. Jacobs reserves the right to request rate modifications for any future extensions to this agreement. Rate modifications must be established and agreed upon by both parties.

5. All copies, reproduction, subconsultant work, materials or equipment purchased or other direct costs shall be pass-thru cost without any mark-up.

6. Travel is reimbursable at the IRS rate for employees and specialists outside the Orlando office only.

City of Cocoa Budget Adjustment Form FY 2020 - 20-044-T

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER

REQUESTING DEPARTMENT #: Utilities/4010 DATE PREPARED: 02/06/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 188,914)	421-4010-536.39-00		Contingency	$ 1,219,374	$ 847,371	$ 658,457	$ 658,457
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 188,914)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 188,914	421-4010-536.31-00		Professional Services	$ 334,356	$ 379,816	$ 568,730	$ 377,471
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 188,914	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

Transfer necessary to fund Task Order 2020-07 with Jacobs Engineering Group (Jacobs) to provide assistance to the City of Cocoa to meet the America's Water Infrastructure Act (AWIA) requirements including project initiation, risk and resiliency assessment, and emergency response plan update. Agenda File ID #20-100

CITY COUNCIL APPROVAL REQUIRED? *YES* (●) *NO* ( ) *DATE APPROVED:* 02/26/20 *RESOLUTION #:* 2020-118

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/12/20	Norma Hernandez (Digitally signed by Norma Hernandez, Date 2020.02.12 10:27:36 -05'00')	2/12/20	Lea Taylor (Digitally signed by Lea Taylor, Date: 2020.02.12 16:20:08 -05'00')		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/12/20	John "Jack" Walsh (Digitally signed by John "Jack" Walsh, Date: 2020.02.12 12:04:50 -05'00')	2/12/20	Lora Howell (Digitally signed by Lora Howell, Date: 2020.02.12 17:08:09 -05'00')		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Legislation Details (With Text)

File #:	20-85	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	City Business
File created:	1/31/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve the removal of an oak tree in the right-of-way adjacent to 1203 Oxford Drive to be replaced with oak tree(s), equaling the diameter of the tree to be removed, to be planted at Bracco Pond. (Community Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	1203 Oxford Dr tree removal letter.pdf 1203 Oxford Dr. tree removal.pdf 1203 Oxford Dr. Pictures.pdf Legal Ad Proof.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 31, 2020
Agenda Date: February 26, 2020
Prepared By: Dodie Selig, Planning & Zoning Manager
Through: Nancy A. Bunt, Community Services Director
Requested Action:
Approve the removal of an oak tree in the right-of-way adjacent to 1203 Oxford Drive to be replaced with oak tree(s), equaling the diameter of the tree to be removed, to be planted at Bracco Pond.

BACKGROUND:

I. Project Information

On December 21, 2019, Public Works was called to investigate complaints of root damage to the driveway related to an oak tree in the right-of-way at 1203 Oxford Dr. The inspector found that the tree's root system has caused damage to both public and private property. Specifically, the tree's roots have pushed up the curb causing it to twist and lift and causing water to stand on the side of the road. The City removed the curbing, ground the tree roots and replaced the affected curbing in front of this address as can be seen in the attached photos. Additionally, the root system has caused cracking of the property owner's driveway. The property owner has explained to Public Works staff that he wants to replace the driveway but his contractor will not do the work until the tree is gone.

Public Works staff have determined that the tree is otherwise healthy and have recommended that a replacement tree be planted either elsewhere along the right-of-way or at Bracco Pond.

Future Land Use:	LDR (Low Density Residential)
Zoning District:	RU-1-7 (Single Family Residential)
Existing Land Use:	Single Family home
Council District:	District 4 - Council Member Lorraine Koss

Overview of Surrounding Area:

	Future Land Use Desig	Zoning District	Land Use
North	LDR (Low Density Resic	RU-1-7 (Single Family Residential)	Single-Family Residenc
South	LDR (Low Density Resic	RU-1-7 (Single Family Residential)	Single-Family Residenc
East	LDR (Low Density Resic	RU-1-7 (Single Family Residential)	Single-Family Residenc
West	LDR (Low Density Resic	RU-1-7 (Single Family Residential)	Single-Family Residenc

II. Analysis

Consistency with Code of the City of Cocoa

Consistent with Appendix A, Article XIII, Section 22, Landscape Requirements

The provisions of Appendix A, Article XIII, Section 22(E), Tree Protection and Preservation, apply to trees in public rights-of-way. *Sec. 22 (E) (1) (c).*

> *The provisions of this subsection (E) shall apply to the following:*
> *(c) All public or private rights-of-way*

Also, because the tree in question is an oak tree and is located in the public right-of-way, the Tree Board shall make a recommendation to the City Council regarding the removal of the tree. *Sec. 22 (H) (1) (c)*

> *TREE BOARD. A tree board is hereby established which shall consist of the members of the city Planning and Zoning Board, and who shall serve by appointment of the City Council of the City of Cocoa, Florida.*
> *(c) No oak tree located on city public right-of-way or city owned property shall be removed or significantly pruned prior to review and recommendation by the tree board and approved by the city council, subject to the following exceptions:*

No exceptions apply in this circumstance. Accordingly, the Tree Board must make a recommendation regarding removal of the oak tree and the location and species of a replacement tree:

(d) Where an oak tree located on city public right-of-way or city owned property is removed for any reason, the tree board shall either:

(1) Include with its recommendation to the city council regarding removal of the oak tree, a recommendation on both the location and species of a replacement tree;

. . .

Staff Finding: The tree in question has caused damage to both public and private property. Specifically, the tree's roots have pushed up the curbing along Oxford Drive causing it to twist and lift and causing water to stand on the side of the road. The City removed the curbing, ground the tree roots and replaced the affected curbing in front of this address. Additionally, the root system has caused cracking of the property owner's driveway. The property owner has explained to Public Works staff that he wants to replace the driveway but his contractor will not do the work until the tree is gone.

It is recommended that the tree be removed now to eliminate the continuing damage to the City's curbing and to allow the property owner to replace the driveway without future damage from the root system. Public Works has recommended that a replacement oak tree be planted either elsewhere along the right-of-way or at Bracco Pond to enhance the public enjoyment of that park.

STRATEGIC PLAN CONNECTION:

BUDGETARY IMPACT:

N/A

PREVIOUS ACTION:

The Planning & Zoning Board recommended approval at its regular meeting on February 5, 2020.

RECOMMENDED MOTION:

Approve the removal of an oak tree in the right-of-way adjacent to 1203 Oxford Drive to be replaced with oak tree(s), equaling the diameter of the tree to be removed, to be planted at Bracco Pond.

powered by Legistar™

Public Works Department
155 N. Wilson Avenue, Cocoa, FL 32922
Phone: (321) 433-8770 I Fax: (321) 504-0922

12/02/2019

The tree at 1203 Oxford Dr. Cocoa FL was reported to Public Works on 11/21/19 informing the Public Works Department that the tree is causing damage to the driveway by the root system. The home owner states that the tree is causing damage to the driveway on the property. An inspection was done by Kennethray Terrell (Supervisor of the Grounds Dept.) and determined the tree has done damage to the private property. On the city side the tree is pushing up the curb causing it to twist and lift causing water to stand on the side of the road. The streets crew pulled and replaced the curb after grinding the tree roots on 11/21/19. The owner talked to me (Kennethray Terrell) he wants to replace the driveway but his contractor will not do the work until the tree is gone. I informed the owner that the tree board has to approve the removal. I told him I would write up the letter and send it to the board. The tree is causing property damage to the driveway. It is a healthy tree if approved we could replace one in its place.

Public Works Tree Removal Notification/Request

Date		12/2/2019	
Tree Location			
	Address / Location	1203 Oxford Dr.	
	Additional Description	1203 Oxford Dr.	
	Side of Road	South	
Tree Condition			
	Hazard to Public	NO but damaging private property driveway	
	Diseased	No	
	Dead	No	
Tree Description			
	Species	Oak	
	Diameter (DBH) in.	42	
	Specimen (>24" Diameter)	Yes	
Status			
	Removed Date	Pending	
	Pending Removal	PW removal	
Reason for Removal Request/Notification		Causing damage to private property	
	Distance from tree to	edge of the road	3.5ft
	Curb		curb
	Sidewalk		No
	Underground Utility Conflict		No underground utility conflict
		Water	No
		Sewer	No
	Overhead Utility Conflict		No overhead utility conflict
		FPL	No
		Streetlight	No
	Previous Infrastructure Repairs		Previous work orders for repairs
		Yes / No	No
		Type	Na
		Date if known	Na
	Vertical Traffic Conflict		no
Proposed Tree Replacement			
	Required under Ordinance?		Yes
	Type	Oak	
	Location	Replace on property or at Bracco ponds	

Submitted By: Kennethray Terrell
Submitted Date: 12/2/2019
Approval:





Vermeer


CITY OF COCOA
PUBLIC WORKS




PUBLIC WORKS

FLORIDA TODAY
FLORIDATODAY.com
A GANNETT COMPANY

Classified Ad Receipt
(For Info Only - NOT A BILL)

Customer: CITY OF COCOA (TE)

Address: 65 STONE ST
COCOA FL 32922
USA

Ad No.: 0004025433
Pymt Method Invoice
Net Amt: $224.74

Run Times: 1

No. of Affidavits: 1

Run Dates: 01/29/20

Text of Ad:

Ad#4025433 1/29/2020

CITY OF COCOA
NOTICE OF PUBLIC HEARING
NOTICE IS HEREBY GIVEN THAT
THE PLANNING & ZONING BOARD/LOCAL PLANNING AGENCY/TREE BOARD
AND THE COCOA CITY COUNCIL
PROPOSE TO CONSIDER THE FOLLOWING:

PZ-20-001 - Tree Removal Permit – 1203 Oxford Way
Removal of an oak tree in the City right-of-way and a replacement tree on property or at Bracco Pond.

PLANNING & ZONING BOARD/ LOCAL PLANNING AGENCY
PUBLIC HEARING WILL BE HELD ON
FEBRUARY 5, 2020
AT 6:00 P.M. OR SOON THEREAFTER IN THE
COCOA CITY HALL COUNCIL CHAMBERS LOCATED AT
65 STONE STREET, COCOA, FL

CITY COUNCIL WILL CONSIDER THESE ITEMS ON
FEBRUARY 26, 2020
AT 6:00 P.M. OR SOON THEREAFTER IN THE
COCOA CITY HALL COUNCIL CHAMBERS LOCATED AT
65 STONE STREET, COCOA, FL

The PZ Board/LPA meeting may include the attendance of one (1) or more members of the Cocoa City Council who may or may not participate in the Board discussions held at this public hearing.

Interested parties are hereby advised that they may appear at said meeting and be heard with respect to the application. All persons and parties are hereby advised that if they should decide to appeal any decision made by the City Council with respect to any matter considered at this hearing, they will need a record of the proceedings and that for such purpose, affected persons may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. The Local Planning Agency and City Council reserve the right to continue or postpone hearings to a date certain without re-advertising.

Information pertaining to the above may be inspected at the Planning & Zoning Division beginning the Friday before the meeting, between 8:00 a.m. and 5:00 p.m., Monday through Friday, or by phoning (321) 433-8535.

The facility where this public hearing will be held is accessible to the physically handicapped. SPECIAL ACCOMMODATIONS: Persons with disabilities needing special accommodations to participate in this proceeding should contact the City Clerk's Office at (321) 433-8484 no later than 48 hours prior to the proceeding for assistance.

Legislation Details (With Text)

File #:	20-96	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	City Business
File created:	2/5/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve a Resolution Amending the FY2020 Budget, reducing the reliance on Fund Balance and reducing the expense budget for project retainage, BAF # 20-029-A1 and A2. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Budget Resolution FY 2020.docx BAF 20-029-A1 -FN-Retainage Adjustment (2-26-20) Agenda 20-096.pdf BAF 20-029-A2 -FN-Retainage Adjustment (2-26-20) Agenda 20-096.pdf Retainage Adjustment Analysis.pdf EDIT JE 2019-05130 ACCR FY19 RETAINAGE.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 5, 2020
Agenda Date: February 26, 2020
Prepared By: Lea Malarae, Senior Fiscal Analyst
Through: Rebecca Bowman, MBA, CGFO, CGFM, Finance Director
Requested Action:
Approve a Resolution Amending the FY2020 Budget, reducing the reliance on Fund Balance and reducing the expense budget for project retainage, BAF # 20-029-A1 and A2.

BACKGROUND:

At the end of Fiscal Year (FY) 2019, the individual departments request specific Purchase Orders (P.O.) for multi-year Capital Projects and/or Operating Purchases to remain open, and the balances on those P.O's to be included within the FY 2020 Budget. Any amount budgeted for the projects that was not spent at the end of FY19 went back into fund balance reserves. Agenda item 19-588 was approved on November 22nd, 2019 (Resolution 2019-104) amending the budget, with the intended purpose of reallocating the project budget out of reserves; in order to provide the necessary budget in FY20 to perform the projects. (Agenda 19-588). Attached to the agenda was Budget Adjustment Forms (BAF) 20-007-A1, 20-007-A2, 20-012-A1 and 20-012-A2.

For major projects the City retains a portion of the agreed upon contracted price until the project is completed. For multi-year Capital Projects a journal entry is entered at the end of the fiscal year into the general leader to adjust the total project expenses and add retainage for the portion of the project that was completed in that fiscal year. Likewise, the entry is then reversed at the beginning of the

following fiscal year to balance out the general leader account.

Retainage was not accommodated for in the original estimate for the multi-year Capital Project roll over. A (BAF) is required to recover the excess budget from the multi-year Capital Project account budget and return it to Fund Balance ultimately reducing the City's reliance on Fund Balance. Attached to this agenda is BAF's 20-029-A1 and 20-029-A2.

STRATEGIC PLAN CONNECTION:

Enter text here

BUDGETARY IMPACT:

Budgeted	No
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment 20-029-A1and 20-029-A2

Amount Requested	($14,466)
Account Number	103-0000-389.99-50
Account Name	Fund Balance Reserve
Amount Requested	($14,466)
Account Number	103-3240-554.62-00
Account Name	Capital - Buildings
Project Number	CP1504
Amount Requested	($6,630)
Account Number	108-0000-389.99-50
Account Name	Fund Balance Reserve
Amount Requested	($6,630)
Account Number	108-3240-554.62-00
Account Name	Capital - Buildings
Project Number	CP1504
Amount Requested	($47,364)
Account Number	301-0000-389.99-50
Account Name	Fund Balance Reserve
Amount Requested	($33,858)
Account Number	301-3580-519.62-00
Account Name	Capital - Buildings
Project Number	CP1504
Amount Requested	($13,506)
Account Number	301-3580-519.63-00
Account Name	Infrastructure

Project Number	CP1504
Amount Requested	($16,099)
Account Number	302-0000-389.99-50
Account Name	Fund Balance Reserve
Amount Requested	($1,850)
Account Number	302-3580-572.63-01
Account Name	Infrastructure / T-Dock Extension
Project Number	CD18LW
Amount Requested	($14,249)
Account Number	302-3580-572.63-04
Account Name	Emergency Repairs Waterfront
Project Number	ES17HI

Budget Adjustment 20-029-A2

Amount Requested	($99,168)
Account Number	426-0000-389.99-50
Account Name	Fund Balance Reserve
Amount Requested	($85,466)
Account Number	426-4055-536.63-00
Account Name	Infrastructure
Project Number	WS1431
Amount Requested	($12,302)
Account Number	426-4055-536.63-00
Account Name	Infrastructure
Project Number	WS18DP
Amount Requested	($1,400)
Account Number	426-4120-536.63-00
Account Name	Infrastructure
Project Number	WS19SS

PREVIOUS ACTION:

At the end of Fiscal Year (FY) 2019, the individual departments request specific Purchase Orders (P.O.) for multi-year Capital Projects and/or Operating Purchases to remain open, and the balances on those P.O's to be included within the FY 2020 Budget. Any amount budgeted for the projects that was not spent at the end of FY19 went back into fund balance reserves. Agenda item 19-588 was approved on November 22nd, 2019 (Resolution 2019-104) amending the budget, with the intended purpose of reallocating the project budget out of reserves; in order to provide the necessary budget in FY20 to perform the projects. (Agenda 19-588). Attached to the agenda was Budget Adjustment

Forms (BAF) 20-007-A1, 20-007-A2, 20-012-A1 and 20-012-A2.

RECOMMENDED MOTION:

Approve a Resolution Amending the FY2020 Budget, reducing the reliance on Fund Balance and reducing the expense budget for project retainage, BAF # 20-029-A1 and A2.

City of Cocoa Budget Adjustment Form FY 2020 - 20-029-A1

SELECT ADJUSTMENT TYPE: BUDGET AMENDMENT | REQUESTING DEPARTMENT #: 1500 | DATE PREPARED: 02/05/20

'REVENUE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 14,466)	103-0000-389.99-50		Fund Balance Reserve	$ 0	$ 300,172	$ 285,706	$ 285,706
($ 6,630)	108-0000-389.99-50		Fund Balance Reserve	$ 0	($ 59,668)	($ 66,298)	($ 66,298)
($ 47,364)	301-0000-389.99-50		Fund Balance Reserve	$ 0	$ 3,056,041	$ 3,008,677	$ 3,008,677
($ 16,099)	302-0000-389.99-50		Fund Balance Reserve	$ 0	$ 3,455,788	$ 3,439,689	$ 3,439,689
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 84,559)	TOTAL						

'EXPENSE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 14,466)	103-3240-554.62-00	CP1504	Capital - Buildings	$ 0	$ 125,172	$ 110,706	$ 1
($ 6,630)	108-3240-554.62-00	CP1504	Capital - Buildings	$ 0	$ 834,332	$ 827,702	$ 0
($ 33,858)	301-3580-519.62-00	CP1504	Capital - Buildings	$ 0	$ 1,948,005	$ 1,914,147	$ 240,734
($ 13,506)	301-3580-519.63-00	CP1504	Infrastructure	$ 0	$ 492,092	$ 478,586	$ 1
($ 1,850)	302-3580-572.63-01	CD18LW	Infrastructure / T-Dock Extension	$ 0	$ 436,557	$ 434,707	$ 104,001
($ 14,249)	302-3580-572.63-04	ES17HI	Emergency Repairs Waterfront	$ 0	$ 2,134,558	$ 2,120,309	$ 856,128
($ 84,559)	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

This BAF is to reduce the reliance on the Fund Balance Reserve account, to account for project retainage. Agenda 20-96

City COUNCIL APPROVAL REQUIRED? *YES* (●) *NO* ( ) *DATE APPROVED:* 02/26/20 *RESOLUTION #:* 2020-111

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/5/20	Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.05 13:23:37 -05'00'	2/5/20	Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.05 13:23:41 -05'00'		
2/14/20	Rebecca Bowman Digitally signed by Rebecca Bowman Date: 2020.02.14 09:59:33 -05'00'	2/10/20	Lora Howell Digitally signed by Lora Howell Date: 2020.02.10 11:38:13 -05'00'		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

City of Cocoa Budget Adjustment Form FY 2020 - 20-029-A2

SELECT ADJUSTMENT TYPE: BUDGET AMENDMENT | REQUESTING DEPARTMENT #: 1500 | DATE PREPARED: 02/05/20

'REVENUE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 99,168)	426-0000-389.99-50		Fund Balance Reserve	$ 18,567,036	$ 41,626,828	$ 41,527,660	$ 41,527,660
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 99,168)	TOTAL						

'EXPENSE' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 85,466)	426-4055-536.63-00	WS1431	Infrastructure	$ 18,567,036	$ 37,566,855	$ 37,481,389	$ 35,701,653
($ 12,302)	426-4055-536.63-00	WS18DP	Infrastructure	$ 18,567,036	$ 37,481,389	$ 37,469,087	$ 35,700,253
($ 1,400)	426-4120-536.63-00	WS19SS	Infrastructure	$ 0	$ 0	($ 1,400)	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 99,168)	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

This BAF is to reduce the reliance on the Fund Balance Reserve account to adjust for project retainage. Agenda 20-96

CITY COUNCIL APPROVAL REQUIRED? YES (●) NO ( ) DATE APPROVED: 02/26/20 RESOLUTION #: 2020-111

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/5/20	Lea Taylor (Digitally signed by Lea Taylor Date: 2020.02.05 13:31:22 -05'00')	2/5/20	Lea Taylor (Digitally signed by Lea Taylor Date: 2020.02.05 13:31:26 -05'00')		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/14/20	Rebecca Bowman (Digitally signed by Rebecca Bowman Date: 2020.02.14 10:00:18 -05'00')	2/14/20	Lora Howell (Digitally signed by Lora Howell Date: 2020.02.14 11:47:23 -05'00')		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Summary

Account	Project #	Group 19-5130 FY19 Retainage Group (Debits)	Group 20-0510 FY19 Retainage Group (Credits)	Budget Rolled	PO Roll	Total Adjustment	Remaining Budget	Budget Adjustment
103-3240-554.62-00	CP1504	14,466.40	14,466.40		125,172	125,172	110,705	(14,467.00)
108-3240-554.62-00	CP1504	6,629.80	6,629.80		834,332	834,332	827,702	(6,630.00)
301-3580-519.62-00	CP1504	33,857.25	33,857.25	281,234	1,666,771	1,948,005	1,914,147	(33,858.00)
301-3580-519.63-00	CP1504	13,505.94	13,505.94		492,092	492,092	478,586	(13,506.00)
302-3580-572.63-01	CD18LW	1,849.32	1,849.32		332,557	332,557	330,707	(1,850.00)
302-3580-572.63-04	ES17HI	14,248.98	14,248.98	754,893	1,095,898	1,850,791	1,836,542	(14,249.00)
426-4055-536.63-00	WS1431	85,465.26	85,465.26	16,022	394,554	410,576	325,110	(85,466.00)
426-4055-536.63-00	WS18DP	12,302.00	12,302.00	12,802	168,620	181,422	169,120	(12,302.00)
426-4120-536.63-00	WS19SS	1,400.00	1,400.00	45,300	72,100	117,400	116,000	(1,400.00)
		183,724.95	183,724.95	1,110,251	5,182,096	6,292,347	6,108,619	(183,728)

GROUP NUMBER . : 05130 ACCR FY19 RETAINAGE
GROUP USER . . : COCOCLG Grant, Christi L

TRANS NO	TRANS DATE	DOCUMENT BANK	ACCOUNT NUMBER	DESCRIPTION 1	PROJECT	DEBIT AMOUNT	CREDIT AMOUNT
DESCRIPTION 2		TYPE	WORK ORDER	JOB# FACILITIES ID			
0000100	09/30/2019	JE 13-14	103-3240-554.62-00	ACCR FY19 RETAINAGE	CP1504	14,466.40	
0000200	09/30/2019	JE 13-14	103-0000-206.00-00	ACCR FY19 RETAINAGE			14,466.40
0000300	09/30/2019	JE 13-14	108-3240-554.62-00	ACCR FY19 RETAINAGE	CP1504	6,629.80	
0000400	09/30/2019	JE 13-14	108-0000-206.00-00	ACCR FY19 RETAINAGE			6,629.80
0000500	09/30/2019	JE 13-14	301-3580-519.62-00	ACCR FY19 RETAINAGE	CP1504	33,857.25	
0000600	09/30/2019	JE 13-14	301-3580-519.63-00	ACCR FY19 RETAINAGE	CP1504	13,505.94	
0000700	09/30/2019	JE 13-14	301-0000-206.00-00	ACCR FY19 RETAINAGE			47,363.19
0000800	09/30/2019	JE 13-14	302-3580-572.63-01	ACCR FY19 RETAINAGE	CD18LW	1,849.32	
0000900	09/30/2019	JE 13-14	302-3580-572.63-04	ACCR FY19 RETAINAGE	ES17HI	14,248.98	
0001000	09/30/2019	JE 13-14	302-0000-206.00-00	ACCR FY19 RETAINAGE			16,098.30
0001100	09/30/2019	JE 13-14	426-4055-536.63-00	ACCR FY19 RETAINAGE	WS1431	85,465.26	
0001200	09/30/2019	JE 13-14	426-4055-536.63-00	ACCR FY19 RETAINAGE	WS18DP	12,302.00	
0001300	09/30/2019	JE 13-14	426-4120-536.63-00	ACCR FY19 RETAINAGE	WS19SS	1,400.00	
0001400	09/30/2019	JE 13-14	426-0000-206.00-00	ACCR FY19 RETAINAGE			99,167.26

TOTALS:

	AMOUNT CALCULATED	AMOUNT ENTERED	DIFFERENCE
COUNT:	14	14	
DEBITS:	183,724.95	183,724.95	
CREDITS:	183,724.95	183,724.95	

Legislation Details (With Text)

File #:	20-98	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	City Business
File created:	2/6/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve Task Order 2020-06 with the Jacobs Engineering Group (Jacobs) to assist the Dyal Water Treatment Plant with Program Management Services, Instrumentation and Control System Support (SCADA), and Design Management and Construction Project Services for Operating Revenue and Capital Improvement Plan Projects; To Approve a Resolution Amending the FY2020 Budget, BAF#20-040-T. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Task Order 2020-06.pdf TO (2020-06) JACOBS $168322 (2-11-20) UT.pdf Labor Hour Breakdown.pdf Exhibit A Group rate schedule.pdf Budget Resolution - Jacobs.docx BAF 20-040-T-UT-4020-Eng. Services-Jacobs (2-26-20)-Agenda 20-098.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 6, 2020
Agenda Date: February 26, 2020
Prepared By: Chris M. Collier, Asst. Utilities Director
Through: John A. Walsh, P.E., Utilities Director
Requested Action:
To Approve Task Order 2020-06 with the Jacobs Engineering Group (Jacobs) to assist the Dyal Water Treatment Plant with Program Management Services, Instrumentation and Control System Support (SCADA), and Design Management and Construction Project Services for Operating Revenue and Capital Improvement Plan Projects; To Approve a Resolution Amending the FY2020 Budget, BAF#20-040-T.

BACKGROUND:

The purpose of this task order is to provide program management services, including program management/administration, design management and construction project support services in support of the Dyal Water Treatment Plant for Operating Revenue (OR) and Capital Improvement Plan (CIP) program projects. Previously, this task order was budgeted under 421-4055-536.63-00 (Infrastructure) and managed by the Utilities Department Administration/Engineering division.

This task order is intended to include the estimated level of effort to provide the services required on a time and materials basis compensation method for the period from January 1, 2020 through September 30, 2020. Services proposed by JACOBS will be performed in accordance with the RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019 and signed on 2/5/2020.

Staff requests approval of Task Order 2020-06 with JACOBS.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	No
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment # 20-040-T

Amount Requested	$168,322
Account Number	421-4020-536.31-03
Account Name	Engineering Services
Source of Funds:	421-4020-536.34-00

PREVIOUS ACTION:

None.

RECOMMENDED MOTION:

To Approve Task Order 2020-06 with the Jacobs Engineering Group (Jacobs) to assist the Dyal Water Treatment Plant with Program Management Services, Instrumentation and Control System Support (SCADA), and Design Management and Construction Project Services for Operating Revenue and Capital Improvement Plan Projects; To Approve a Resolution Amending the FY2020 Budget, BAF 20-040-T.

City of Cocoa
Task Order 2020-06
FY 2020 Engineering Services for the Water System
Program Management Services - Dyal Plant Support

Objective

The purpose of this task order is to provide program management services, including program management/administration, design management and construction project support services in support of the Dyal Plant for Operating Revenue (OR) funded Cocoa Utilities Capital Improvement Plan (CIP) program projects. This task order is intended to include the estimated level of effort to provide the above described services on a time and materials basis compensation method for the period from January 1, 2020 through September 30, 2020. Services proposed by JACOBS Engineering Group (JACOBS) in this Task Order will be performed in accordance with the RFQ #20-03-COC awarded by the City of Cocoa on November 13, 2019.

Scope of Services

Task 1 – Dyal Treatment Plant Support

JACOBS will provide capital and renewal and replacement (R&R) related project management, engineering and operations support to Dyal Treatment Plant managers. JACOBS will prepare for and attend an initial FY2020 work planning meeting with plant management staff and then develop a work plan and cost loaded schedule based on the outcome of the meeting. JACOBS will provide project management and engineering support for tasks outlined in the work plan. JACOBS will also provide support to aid in resolving operations and water quality issues at the plant and distribution system as well as implementation of any efficiency approaches identified in the 2018 Capital Plan. The as-needed budget for Task 1 is based on approximately 503 hours of support. The Program Management Team (PMT) will keep the City appraised of any concerns on budget once the work plan is complete.

Task 2 Instrumentation and Control Systems Project Management Support

JACOBS will provide onsite project management, engineering assistance, construction and inspection services, and material procurement services to support the SCADA and instrumentation/control systems in the Utility water system. JACOBS will prepare for and attend an initial FY2020 work planning meeting with Dyal Maintenance Manager and then develop a work plan based on the outcome of the meeting. JACOBS will also provide project management and engineering support to tasks outlined in the work plan. The as-needed budget for Task 2 is based on approximately nine hours per week of support.

JACOBS will keep City appraised of any concerns on budget once the work plan is complete.

Additional Services

The following additional services may be provided by JACOBS upon authorization through an amendment to this Task Order by the City and agreement on compensation to JACOBS.

- Services related to development of the City's project financing and/or budget.
- Services related to disputes over pre-qualification, bid protests, bid rejection and re-bidding of the contract for construction.
- Services related to provision of support related to City furnished equipment, materials, and supplies.
- Performance of materials testing, specialty testing and surveying services.
- Services necessary due to the default of the Contractor.
- Services related to damages caused by fire, flood, earthquake or other Acts of God.
- Services related to the City's operation and use of the completed project other than as specifically provided in the above scope of work.
- Services related to warranty claims, enforcement and inspection after final completion.
- Services for the investigation and analysis of contractor claims; preparation of reports on contractor claims; provision of professional claims analysis services; participation in litigation.
- Development, coordination or participation in partnering programs.
- Value engineering or similar value analysis studies.
- Performing periodic labor evaluations and processing prevailing wage documentation.
- Construction Management and Inspection services required due to an increase to the number of construction days of the contract for construction on which services are provided.
- Any other services designated in this scope of services as additional services.
- The additional services task will only be utilized upon written authorization by the City of Cocoa.

Assumptions

- The presence or duties of JACOBS' personnel at a construction site, whether as onsite representatives or otherwise, do not make JACOBS or JACOBS' personnel in any way responsible for those duties that belong to City and/or the construction contractor or other entities, and do not relieve the construction contractor or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction

methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the construction Contract Documents and any health or safety precautions required by such construction work.

- JACOBS and JACOBS' personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor(s) or other entity or any other persons at the site except JACOBS' own personnel.

- The presence of JACOBS' personnel at a construction site is for the purpose of providing to City a greater degree of confidence that the completed construction work will conform generally to the construction documents and that the integrity of the design concept as reflected in the construction documents has been implemented and preserved by the construction contractor(s). JACOBS neither guarantees the performance of the construction contractor(s) nor assumes responsibility for construction contractor's failure to perform work in accordance with the construction documents.

- Jacobs will reasonably rely upon the accuracy, and completeness of the information/data provided by the City or other third parties.

Schedule

This Task Order covers the period from date of January 1, 2020 through September 30, 2020.

Compensation

Compensation for the services authorized under this task order will be provided using the time and materials basis method with budgets between the tasks and expenses being interchangeable as needed. Costs are summarized below by task.

Task	Hours	Fee
TASK 1 Dyal Treatment Plant Support	503	$77,591
TASK 2 Instrumentation and Control Systems Project Management Support	484	$88,481
EXPENSES & SUBCONSULTANTS	N/A	$2,250
Grand Total	**987**	**$168,322**

Levels of effort for tasks are estimates based on the best information available at the time of task order development. As projects scopes are better defined, actual levels of effort required and associated fees might differ and require coordination between the PMT and the City.

Attachments

Attachment A – Jacobs Engineering Group Rate Schedule

Acceptance

This Task Order shall become part of the Agreement upon execution by both parties.

Approved for City of Cocoa	Accepted for JACOBS Engineering Group
By _____	By  _____
	Francois Didier Menard
Title _____	Title Vice President
Date _____	Date January 27, 2020

Embedded Secure Document

The file *https://cocoa.legistar.com/View.ashx?M=F&ID=8088162&GUID=B495783D-2692-499E-92D9-B2B8B84BD2FD* is a secure document that has been embedded in this document. Double click the pushpin to view.



City of Cocoa FY2020 Engineering Services for the Water System
Dyal Plant Support
Task Order 2020-06 Labor Hour Breakdown - 1/23/2020

TASK #	TASK NAME	Principal/Senior Reviewer/Consultant/Senior Project Manager	Senior Professional Engineer/Scientist/Consultant	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	Professional Engineer/Scientist/Consultant/Project Manager	Junior Professional Engineer/Scientist/Consultant	Project Engineer/Scientist/Consultant	Office/Project Administration	Labor Hours	Labor Fee
		$235.00	$218.00	$199.00	$169.00	$142.00	$120.00	$85.00		
1	DYAL TREATMENT PLANT SUPPORT									
		12	30	45	30	375		11	503	$77,591
								Task Subtotals	**503**	**$77,591**
2	INSTRUMENTATION AND CONTROL SYSTEMS PM SUPPORT									
		34		150	300				484	$88,481
								Task Subtotals	**484**	**$88,481**
								Labor Total	**987**	**$166,072**
								Expenses		**$2,250**
								Subcontracts		**$0**
								Task Order Total		**$168,322**

EXHIBIT "A"
Jacobs Engineering Group Rate Schedule

Classification	Description	Rate
Engineer 9	Principal	$235
Engineer 8	Senior Reviewer/Consultant	$235
Engineer 7	Senior Project Manager	$235
Engineer 6	Senior Professional Engineer/Scientist/Consultant	$218
Engineer 5	Mid-Level Professional Engineer/Scientist/Consultant/Project Manager	$199
Engineer 4	Professional Engineer/Scientist/Consultant/Project Manager	$169
Engineer 3	Junior Professional Engineer/Scientist/Consultant	$142
Engineer 2	Project Engineer/Scientist/Consultant	$120
Engineer 1	Junior Project Engineer/Scientist/Consultant	$110
Engineer 0	Engineering Intern	$95
Technician 5	Senior Construction Manager/Senior Designer	$169
Technician 4	Construction Manager/Senior Technician	$142
Technician 3	Senior Construction Inspector	$120
Technician 2	Construction Inspector/Technician	$110
Technician 1	Junior Construction Inspector/Junior Technician	$85
Technician Aide	Technical Aide	$80
Office	Office/Project Administration	$85

Notes:

1. Billing rates for the City of Cocoa are designated for the length of this Agreement from January 2020 through January 2023.

2. These rates do not include other direct expense cost. Reimbursable other direct expenses shall be billed in accordance with the terms of the contract.

3. Billing rate schedule is for time basis work order and the City will be billed based on actual hours by category designated for an individual employee.

4. Jacobs reserves the right to request rate modifications for any future extensions to this agreement. Rate modifications must be established and agreed upon by both parties.

5. All copies, reproduction, subconsultant work, materials or equipment purchased or other direct costs shall be pass-thru cost without any mark-up.

6. Travel is reimbursable at the IRS rate for employees and specialists outside the Orlando office only.

City of Cocoa Budget Adjustment Form FY 2020 - 20-040-T

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER

REQUESTING DEPARTMENT #: Util/Dyal 4020 DATE PREPARED: 02/07/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 168,322)	421-4020-536.34-00		Contract Services	$ 533,250	$ 535,050	$ 366,728	$ 342,563
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 168,322)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 168,322	421-4020-536.31-03		Engineering Services	$ 0	$ 0	$ 168,322	$ 168,322
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 168,322	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

Moving funds to Engineering Services (31-03) to remain consistent with the other divisions within the Utilities Department. Dyal does not currently have an Engineering Services account. This account needs to be created to move funds. The funds being moved are for Jacobs engineering services provided to the Dyal WTP. Agenda 20-098

CITY COUNCIL APPROVAL REQUIRED? *YES* (●) *NO* ( ) *DATE APPROVED:* 02/26/20 *RESOLUTION #:* 2020-112

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/7/20	Shawn Weston Digitally signed by Shawn Weston Date: 2020.02.07 09:00:47 -05'00'	2/12/20	Lea Taylor Digitally signed by Lea Taylor Date: 2020.02.12 08:18:23 -05'00'		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/7/20	Katherine Ennis Digitally signed by Katherine Ennis Date: 2020.02.07 10:45:36 -05'00'	2/13/20	Lora Howell Digitally signed by Lora Howell Date: 2020.02.13 11:37:15 -05'00'		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Legislation Details (With Text)

File #:	20-120	**Version:**	1	**Name:**	
Type:	Report			**Status:**	Multi-Year Contract
File created:	2/11/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve a multi-year agreement with Policy Confluence, Inc. (DBA National Research Center, Inc.) to conduct a community survey; approve a Resolution approving the vendor as a single-source provider; approve a Resolution amending the FY2020 Budget (BAF#20-042-T) and authorize the City Manager to finalize and execute the Enterprise Services Agreement. (City Manager)				
Sponsors:	Office of the City Manager				
Indexes:					
Code sections:					
Attachments:	Single Source Resolution.doc Sole Source Statement for The NCS.pdf NRC-Polco Proposal to Cocoa FL 2020.pdf Polco NRC - Enterprise Services Agreement Cocoa, FL 2020.docx The NCS Instrument ABC 2020.pdf Budget Resolution FY 2020.docx BAF 20-042-T -CM-Community Survey (2-26-20) Agenda 1-120.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 11, 2020
Agenda Date: February 26, 2020
Prepared By: John A. Titkanich, Jr., AICP, ICMA-CM
Through: N/A
Requested Action:
Approve a multi-year agreement with Policy Confluence, Inc. (DBA National Research Center, Inc.) to conduct a community survey; approve a Resolution approving the vendor as a single-source provider; approve a Resolution amending the FY2020 Budget (BAF#20-042-T) and authorize the City Manager to finalize and execute the Enterprise Services Agreement.

BACKGROUND:

The City of Cocoa is updating its Strategic Plan and central to doing so is understanding resident opinions on quality of life in the City, levels of satisfaction on the City and the municipal services provided, rating the City on matters such as safety, various characteristics of the community, government performance, and citizen engagement.

The National Research Center/Polco partners with the International City/County Management Association in addition to many other local government organizations and maintains a proprietary

database of over 600 jurisdiction's survey data against which they can provide a comparison of survey of the City of Cocoa's survey results. They are currently conducting or have recently conducted community surveys for more than twenty Florida communities. Given the maintain of a proprietary database of survey results from other communities it will offer City Council, staff and the public a unique perspective.

The community survey is scientifically conducted and will enable that a representative sample of the community is surveyed. They also can geocode addresses within our City to produce sub-sample groups corresponding with City Council District boundaries. They are proposing a sample size of 1,700 households (approximately 425 per Council District) thus ensures the best representation of the community. In addition to the traditional survey they will, hosting on Polco's website, the ability for residents not mailed a household survey (as they are scientifically random samples) to "opt-in" to provide input.

As a member of ICMA, they have offered a discount and furthermore are honoring their 2019 pricing. The agreement is for three years and will provide for a second survey in 2022 at the current pricing level through a subscription basis over the three-year period. This will allow the City of Cocoa to gauge its progress over the timeframe as well as see what issues may be emerging in three years.

The pre-discounted non-subscription service price for the community survey would be $20,810 versus $18,425 for the current year survey. The amount for this year's community survey would be the same in 2022 when the survey is conducted again. In addition to the Basic Survey (with web options) the proposed cost includes the options for district cross-tabulations, demographic cross-tabulations and a Spanish online survey.
Attached City Council will find a sample survey instrument in addition to a proposal which provides a suggested timeline that begins with finalization of survey materials by April 6th and survey reports finalized by July 20, 2020.

At the time of this agenda item, the attached agreement was still being reviewed for legal sufficiency by the City Attorney's office. If approved by Council, the Agreement will be finalized by the City Manager and City Attorney before execution.

STRATEGIC PLAN CONNECTION:

The City's existing Strategic Plan was adopted in 2016 and is a five-year plan. At City Council's December 2018 retreat, members reviewed the plan and provided feedback in terms of additional priorities that need to be considered. The Community Survey will provide additional data in ensuring the 2021 - 2026 Strategic Plan is based on resident opinions and concerns and provide City Council greater information the community perceives to be an issue or concern or a direction that City Council desires to City move toward.

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	Yes

Budget Adjustment Form # 20-042-T

The adopted FY2020 Budget included $15,000 budgeted for a community survey in 001-1100-512.48-00, of which it should be in the 31-00 (Professional Services) account.

Amount Requested $20,000
Account Number 001-1100-512.31-00_
Account Name Professional Services_

Source of Funds: ____State Revolving Loan
____ Other Loan Source:_
____ Grant Source:_
____ Bond:_
____ Reserves Source:_
__x__ Transfer Accts #: 001-1600-513.31-00 Professional Services ($5,000) & 001-1100-512.48-00 Promotional Activities ($15,000)

PREVIOUS ACTION:

N/A

RECOMMENDED MOTION:

Approve a multi-year agreement with Policy Confluence, Inc. (DBA National Research Center, Inc.) to conduct a community survey; approve a Resolution approving the vendor as a single-source provider; approve a Resolution amending the FY2020 Budget (BAF#20-042-T) and authorize the City Manager to finalize and execute the Enterprise Services Agreement.

NRC
National Research Center Inc

NRC Sole-Source Statement

The National Community Survey™ (The NCS) is an initiative of the International City/County Management Association (ICMA) and National Research Center, Inc. (NRC) to offer a rigorous, high quality survey process with streamlined costs for local jurisdictions. As part of its basic service, The NCS offers a report of normative comparisons with other jurisdictions across the U.S.

NRC maintains a unique, propriety database of over 600 jurisdictions' survey data from which NRC is able to produce comparisons of ratings for a variety of city services from around the country. Through this database, National Research Center is able to make comparisons to all jurisdictions from the database across the country as well as compare only to other jurisdictions within regions of the country, some specified types of jurisdictions or within population parameters.

National Research Center, Inc. is the sole authorized distributor of these normative comparison reports which are only available through our office and as part of The National Community Survey™ project in partnership with ICMA. To our knowledge, NRC is the only company that maintains a database of resident survey results from across the U.S. that can give normative comparisons with a customized set of comparison jurisdictions, though some companies may have the results from their own surveys done in a few locales. No other company has a database with as many resident surveys. Also, NRC is the only company working with ICMA to provide this official authorized resident survey for local governments.

Please let us know if you have questions.

Sincerely,

Laurie Urban, Director of Operations
laurie@n-r-c.com
303-226-6990

Jade Arocha, Senior Research Analyst
jade@n-r-c.com
303-226-6987

Proposal to conduct
The National Community Survey™

Cocoa, FL
January 17, 2020

Polco NRC

National Research Center

POWERED BY POLCO

Moving Communities Forward

Community perspectives that inspire change. National Research Center's gold-standard surveys and benchmarking data deliver reliable insights that guide you to action.

n-r-c.com

Polco

Let Every Voice Count

Smarter, more connected communities. Polco's online civic engagement platform provides the tools you need to bring community members and leaders together.

polco.us

Introduction

Thank you for the opportunity to provide you with a proposal to conduct Cocoa's Community Survey. We are happy to say that we feel the NRC/Polco team can meet and even exceed your needs.

We have a template survey, The National Community Survey™, which has been tried and tested in hundreds of communities with nothing but success. We recently revamped the survey, using our extensive experience, and all the knowledge our clients have shared, to create an updated model of community livability. This model, and the related questions on our survey should cover all of the topics you have listed in your request. However, if you find there is a specific area that you want to ask additional questions about, we also leave room for some custom questions (and we always provide our expertise in crafting those).

The NCS™ comes with the most extensive set of benchmarks available. In this proposal we outline the cities available to you for your custom comparisons. If you know of other Cities who have completed community surveys but are not in our database, we are happy to integrate their data into our benchmarks, as long as we can access their results.

We provide our reporting in layers, so you can easily share the overview or dig down into the details of each question part. We provide statistical testing, so you don’t overinterpret small differences and we are happy to report your results by District.

You can find many of our reports online to view examples of our work, however do note that we have recently revised our reporting format to be even more visually interesting and easy to digest. We don’t yet have published versions of these new reports to share.

THE NCS™

The National Community Survey™

CONNECT WITH RESIDENTS
MAKE DATA -DRIVEN DECISIONS

The National Community Survey™ (The NCS™) is the gold standard for gauging public opinion. Endorsed by ICMA, tested and trusted by hundreds of jurisdictions, The NCS provides an accurate assessment of quality of life, community livability and local government policies and services. The NCS allows you to compare your local results with benchmarks from hundreds of communities across the U.S. The best practices in scientific survey methods guarantee valid findings to produce the clear, unbiased and accurate results you need to take action.

Bring the voice of the people into your decision making processes.

- Evaluate services
- Measure quality of life
- Monitor performance
- Enhance communication
- Assist strategic planning
- Inform budgeting and plan capital investments
- Build trust

The NCS™ basic service includes all aspects of conducting the survey

- Survey Instrument
- Sampling
- Implementation
- Weighting and Analysis
- Benchmark comparisons
- Reports of Results

Survey Instrument

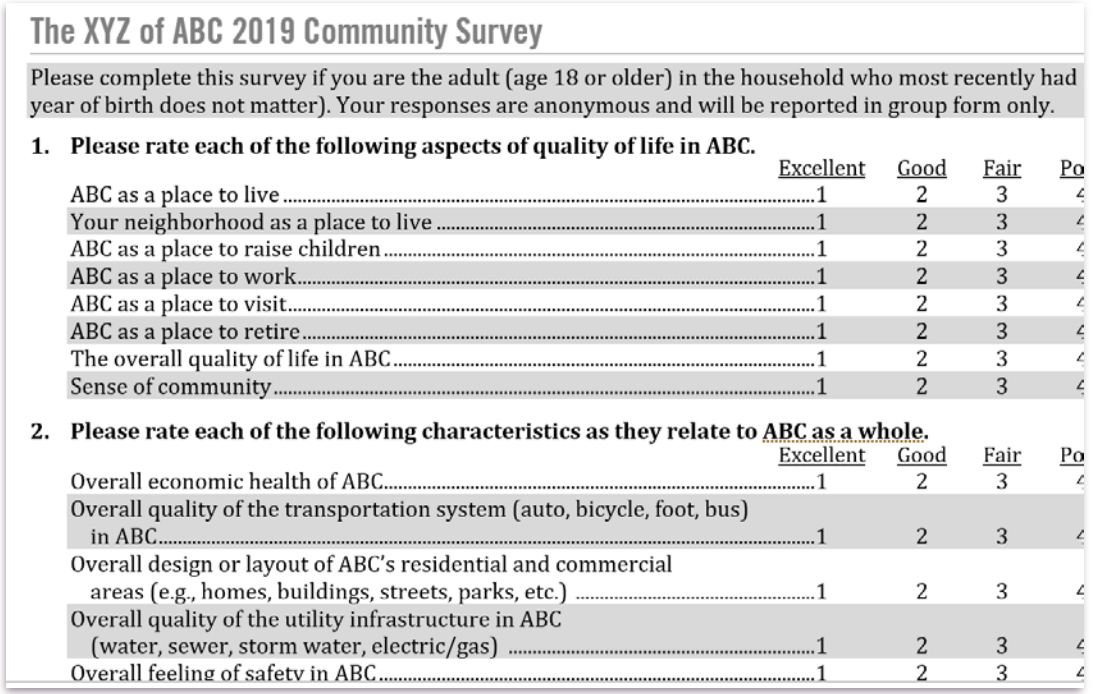
The NCS measures your community's livability.

NRC has conducted thousands of surveys for hundreds of jurisdictions in our 25 year history. In that process we have spent a lot of time thinking about local governments and their jurisdictions, talking with staff, residents and stakeholders, presenting survey results and facilitating discussions and strategic planning sessions. Combining this deep experience with extensive research on models of community livability we have honed The NCS to focus on ten key facets of community livability:

- Economy
- Mobility
- Community Design
- Utilities
- Safety
- Natural Environment
- Parks and Recreation
- Health and Wellness
- Education, Arts and Culture
- Inclusivity & Engagement

The NCS allows you to add custom questions

Uniformity is required to allow benchmark comparisons to other communities, but many jurisdictions have a few unique topics, projects, policies or planning processes for which they would like resident input. The NCS provides a space to add a few custom questions and the expert guidance from your project manager to ensure they are of the highest quality.



The XYZ of ABC 2019 Community Survey

Please complete this survey if you are the adult (age 18 or older) in the household who most recently had year of birth does not matter). Your responses are anonymous and will be reported in group form only.

1. Please rate each of the following aspects of quality of life in ABC.

	Excellent	Good	Fair	Po
ABC as a place to live	1	2	3	4
Your neighborhood as a place to live	1	2	3	4
ABC as a place to raise children	1	2	3	4
ABC as a place to work	1	2	3	4
ABC as a place to visit	1	2	3	4
ABC as a place to retire	1	2	3	4
The overall quality of life in ABC	1	2	3	4
Sense of community	1	2	3	4

2. Please rate each of the following characteristics as they relate to ABC as a whole.

	Excellent	Good	Fair	Po
Overall economic health of ABC	1	2	3	4
Overall quality of the transportation system (auto, bicycle, foot, bus) in ABC	1	2	3	4
Overall design or layout of ABC's residential and commercial areas (e.g., homes, buildings, streets, parks, etc.)	1	2	3	4
Overall quality of the utility infrastructure in ABC (water, sewer, storm water, electric/gas)	1	2	3	4
Overall feeling of safety in ABC	1	2	3	4

Sampling

Selecting households and residents

All Cocoa households will be eligible for the survey. We have found that United States Postal Service (USPS) lists, updated every three months, provide the best representation of all households in a specific geographies. We geocode each address location to assure it is within your City boundaries and identify each District for sub-sampling.

Multi-family housing units will be over-sampled as these residents typically respond to surveys at lower rates and we want to hear from them! To further support scientific results, we also use an unbiased procedure to select a single individual within the household.

Using unbiased methods helps ensure the attitudes expressed by our respondents closely approximate the attitudes of all adult residents living in your community.

Number Mailed out	Returned with 20-30% response rate	Margin of Error
1,700 (425/District)	340-510 (85-130/District)	±4-5% (±9-11%/District)
The NCS Basic Service includes 1,700 households		

Selecting the right number

The relationship between the number of respondents and precision of estimates or margin of error (95% confidence level) is shown above. How many households we mail to is dependent on the level of precision you would like to see at the District level and our best estimates of expected response rates.
We can't guarantee response numbers but we work hard to maximize them.
A ±5% margin of error is the general standard for a City-wide survey.

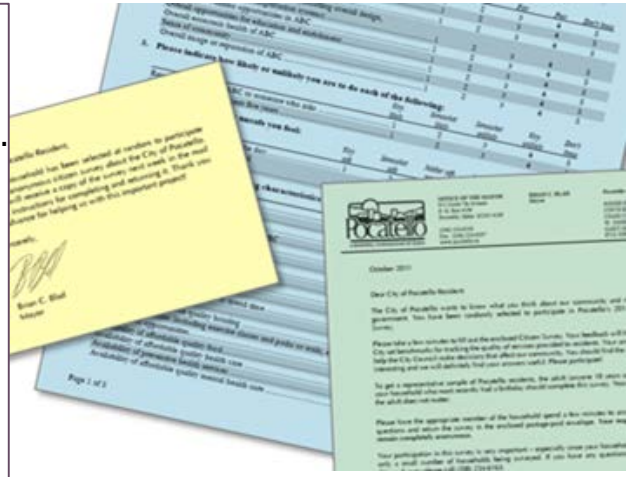
We typically advise our clients to send to at least 400 households per district (and The NCS Basic Service meets that standard for 4 Districts).

Implementation

Mailed surveys receive the highest response rates

Using best practices, the survey will be administered by mail with three contacts. Residents will also have the option to complete the survey online if they prefer.

- First we send a postcard announcing the survey.
- The first survey mails a week later and a reminder survey one week after that.
- A postage paid envelope is always included to return the survey.
- To lend legitimacy, the cover letter uses your letterhead and the signature of your mayor or other City representative.
- The cover letter explains the importance of participation and gives instructions on completing and returning the survey.
- A web address and instructions on the cover letter allow for online completion.



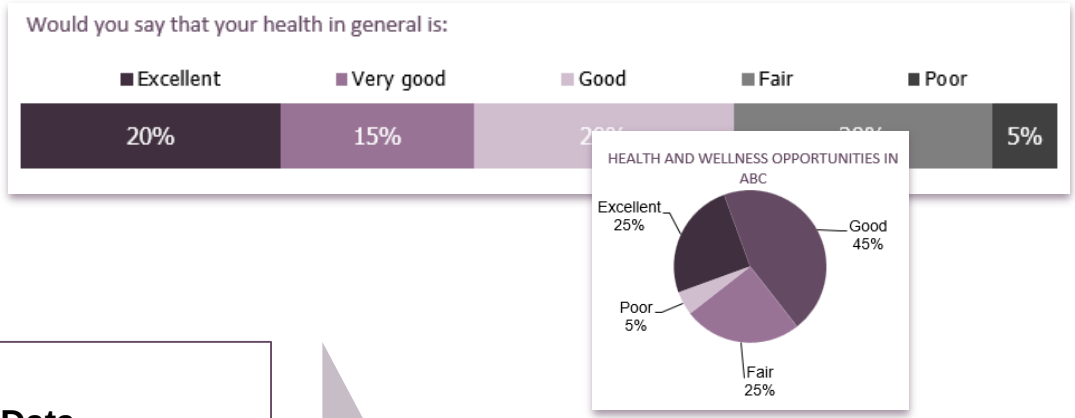
An additional opportunity for people to participate

While the random sample helps ensure representativeness, you may have residents who were not chosen for the mailed survey who want to participate. NRC will host your survey on Polco, *and once the main mailed survey data collection window is closed*, you may choose to open a new window to wider public participation.

In Polco we will have set up a City profile and you can use the platform to connect the survey to your social media accoun to send invitations for more people to "opt in" to provide input. We also have resources to guide you in sharing your survey through a variety of other communication channels. Results of this open survey will be reported under separate cover.

Once a respondent has completed the survey on Polco, they can have the opportunity to join your panel of resident respondents. You can continue to use Polco for free, in perpetuity, to ask residents follow up questions once this survey is complete. More info on this later in our proposal!

Weighting and Analysis



Survey Processing

Returned surveys are scanned electronically (and stored in case review is needed) and entered into an electronic dataset using “key and verify,” to ensure accuracy. While we find very little cleaning is needed due to our expertise in question construction and survey formatting, completed surveys are always reviewed for inconsistencies both visually and through range checks and other dataset quality controls.

Data from the web surveys are automatically entered into an electronic dataset, downloaded, cleaned as necessary, and then merged with the data from the mailed surveys to create one complete dataset.

Weighting the Data

The first step in preparing the data for analysis will be to weight the data to reflect the demographic profile of the residents of Cocoa. This is a best practice in survey research which adjusts for potential non response bias.

In general, residents with certain characteristics (for example: those who are older or are homeowners) are more likely to participate in surveys. Weighting allows us to increase or decrease the weight of each respondent to mimic as closely as possible the demographic profile of Cocoa as described by the US Census.

Analyzing the Data

For quantitative analysis, we rely on IBM Statistical Package for the Social Science (SPSS). We believe that analysis must be replicable, so we keep every label and command run in a syntax file available for audit and rerunning, as necessary.

In addition to providing a full set of responses to each survey question, analysis will include crosstabulation by District and comparison of results against benchmark communities.

We can also add comparisons by respondent sociodemographic characteristics.

Benchmark comparisons

NRC has the largest database of resident opinion of any firm, containing about 700 comparison communities across the nation. We innovated a method to quantitatively integrate the results of surveys conducted by us and others. We maintain normative comparisons for over 120 services: police, fire, EMS, garbage collection and recycling, utilities and billing, library services, street maintenance and repair, water quality, code enforcement, senior services, transportation, city employee ratings, job opportunities, public safety, economic development, public trust and many others. The NCS Basic Service includes benchmark comparisons to NRC full database (national benchmarks).

Florida Communities in NRC's Database

Cape Coral
Charlotte County
Clearwater
Coral Springs
DeLand
Destin
Escambia County
Fernandina Beach
Jupiter
Key West
Miami
North Port
Palm Beach Gardens
Palm Coast
Pasco County
Port Orange
Port St. Lucie
Royal Palm Beach
St. Augustine
St. Lucie County
Winter Garden

Reports of Results

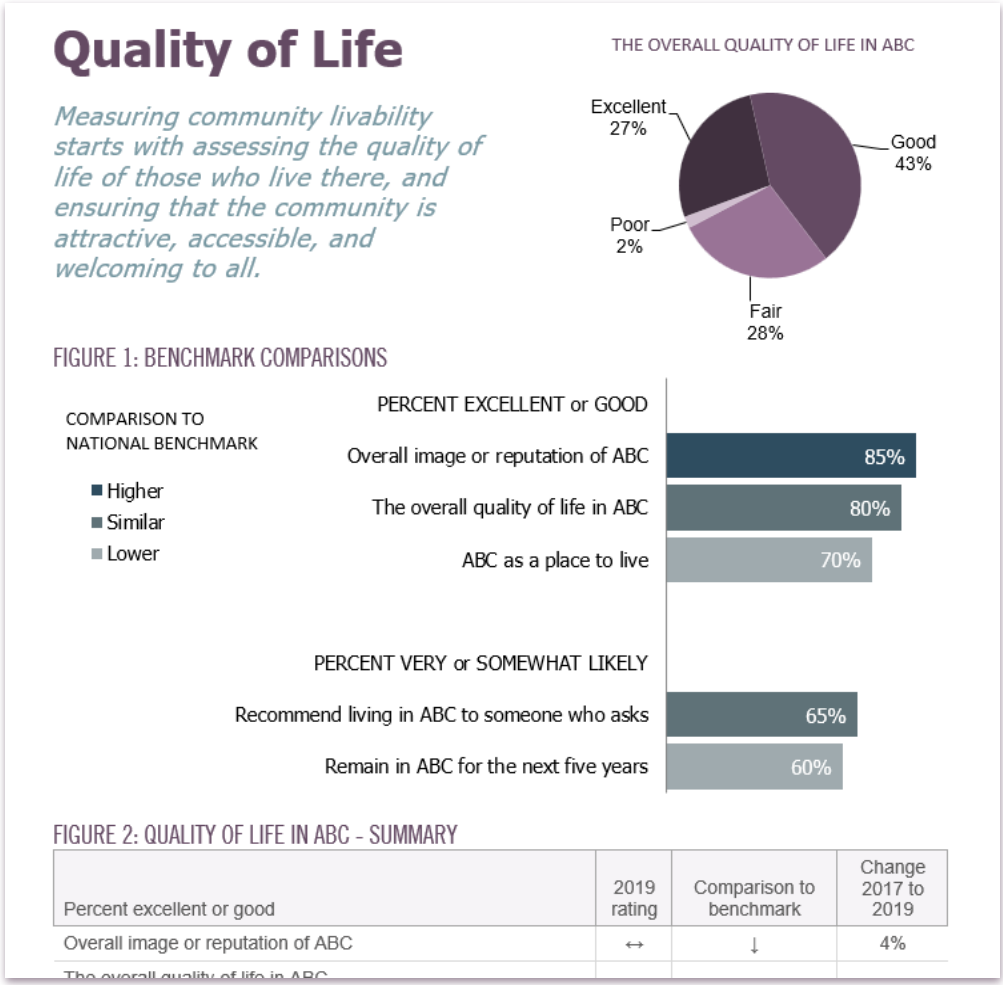
Making results understood and actionable

Reports and presentations must serve staff, council members, appointed boards and commissions and the public while al being documents that the media can understand and find robust should they wish to press their credibility. These are challenges we accept enthusiastically! Our professionally designed graphics are engaging and pop with clear information. report tells the story of the survey results in a stylish, colorful, informative and simple manner.

The NCS reporting

The NCS results are layered into multiple reports; providing flexibility to provide different levels of information to residents, the media, staff and key decision makers. Most questions are presented in charts with comparisons to national benchmarks.

- Community Livability Report
- Dashboard Report
- Geographic and Demographic subgroup comparisons
- Full technical appendices (description of the methods and frequency tables for every survey question)

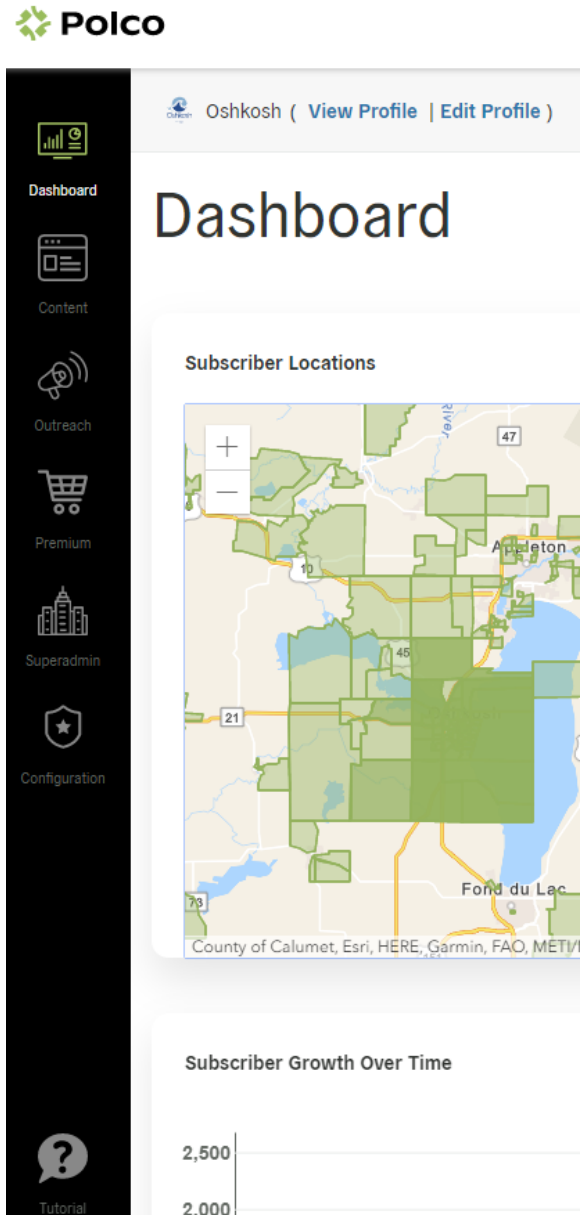


Follow up with Polco

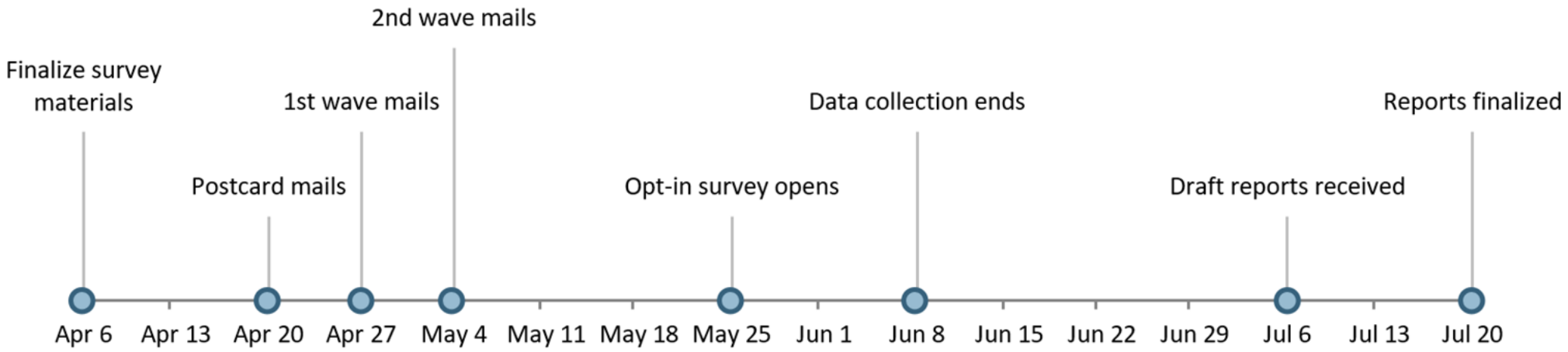
In 2019, NRC merged with Polco and now can happily provide
an online community engagement platform for free!

The platform combines the ease of online polls/micro-surveys with the verification and reliability of in-person engagement. Polco lets you build a “standing panel” of residents who are available to give their perspective on any number of items whenever the City wants to ask a question and receive that input.

- The online version of The NCS will be hosted on Polco.
- After completing The NCS online, residents will be asked if they would like to join your Polco panel (they, of course, can easily say no).
- You can then use the Polco platform to ask follow-up questions to your community survey or ask about hot topics or general conundrums as they arise.
- City staff or elected officials can post unlimited short surveys or single questions. Questions can include images (maps, pictures, and video) in addition to links to better inform respondents about more complex issues.
- To further build your panel, you can share new questions through social media, email, in-person events, local media, and other channels as appropriate (we can provide guidance on the best ways to communicate with residents about Polco).
- Polco responses are organized in visually compelling real-time dashboards and can be aggregated by districts.
- Polco is also able to provide aggregated demographic information (e.g., age, gender, etc.) for around 70% of the verified response group.



Timeline



Above is an overview of a suggested timeline (based on a due date of "by September 30"). More detail can be found on the following page. This is an overview of our typical project flow, but our clients sometimes choose to expand or compress different aspects of the process. We are happy to discuss modifications to best meet your needs!

Sample Timeline

Item			Date
Preparing for the Survey			
	The NCS survey process is initiated upon receipt of your first payment and signed contract		Jan 31
	NRC emails you information to customize The NCS		Jan 31
	Due to NRC: Selection of add-on options, Drafts of the optional custom questions to be included in the survey		Feb 14
	Due to NRC: Zip code information and GIS boundary data		Feb 14
	NRC finalizes the survey instrument and mailing materials and sends .pdf samples for your records		Feb 21
	NRC generates the sample of households in your community		Feb 21 to Mar 6
	NRC prints materials and prepares mailings		Mar 13
	Due to NRC: Selection of custom benchmark profile(s) (if custom benchmark add-on selected)		Mar 13
Conducting the survey			
	Survey materials are mailed		Mar 20 to Apr 3
		Prenotification postcards sent	Mar 20
		1st wave of surveys sent	Mar 27
		2nd wave of surveys sent	Apr 4
	Opt-in web survey link posted on your website and shared in communication channels (source link provided to you by NRC)		Apr 24
	Data collection: surveys received and processed for your community		Mar 27 to May 8
	During this time, you will receive postcards that were undeliverable due to bad addresses, or vacant housing units. This is normal. Please count all the postcards, as we will subtract the number of returned postcards from the total number mailed to estimate the number of "eligible" households in calculating the final response rate.		
	Due to NRC: Final count of returned postcards		May 8
	Survey analysis and report writing		May 8 to Jun 5
	During this time, NRC will process the surveys, perform the data analysis, and produce a draft report for your community. The report will contain a description of the methodology, information on understanding the results, and graphs and tables of your results, as well as a description of NRC's database of normative data from across the U.S. and actual comparisons to your results, where appropriate.		
	NRC emails draft report (in PDF format) along with invoice for balance due on The NCS Basic Service and any additional add-on options		Jun 5
	Due to NRC: community feedback on the draft report (most final reports are identical to the draft reports, but we always accept input!)		Jun 12
	NRC emails final report to you		Jun 19

Above is an overview of a suggested timeline. This is an overview of our typical project flow, but our clients sometimes choose to expand or compress different aspects of the process. We are happy to discuss modifications to best meet your needs!

Pricing

The NCS™ Basic Service

Assistance with crafting custom questions; three-contact mailing of 1,700 pieces each; all survey recipients will have the option to complete the survey online if they prefer; data entry and analysis of returned surveys; draft reports for review; electronic final reports with national benchmark comparisons, analysis and detailed methods; technical assistance in understanding survey results via phone and email with key staff of The NCS; and a community-wide opt-in web survey to be conducted on Polco after the majority of mail data collection has occurred

Subscription $15,695
Non-recurring $18,000

Above are the descriptions and costs for The NCS™ Basic Service.

On the following pages are descriptions and costs for add-on options.

We offer two price levels, one which uses our subscription contract and the second for single year (non-recurring) projects. Subscriptions can be set for one, two or three year cycles and may be canceled with no penalty.

We are offering Cocoa the 2019 discounted rates listed if the City is able to enter into a subscription contract.

PROPOSED BUDGET FOR YOUR PROJECT

	Subscription	Non-recurring
Basic Service (1,700 mailed) with web options	**$15,695**	$18,000
District cross-tabulations	**$910**	$1,015
Spanish online survey	**$910**	$980
Demographic cross-tabulations	**$910**	$1,015
Total with above options	**$18,425**	$21,010

Optional Pricing

Reporting

Custom Benchmark Comparisons In addition to the national benchmarks (included with The NCS Basic Service), NRC can base custom benchmarks on region, population size or other criteria as requested (and available in our dataset).

Subscription $1,085 per custom group / Non-recurring $1,175 per custom group

Demographic Comparison Report Crosstabulations will be provided in a separate report for up to five demographic questions on the survey. Statistically significant differences will be noted in the tables.

Subscription $910 / Non-recurring $1,015

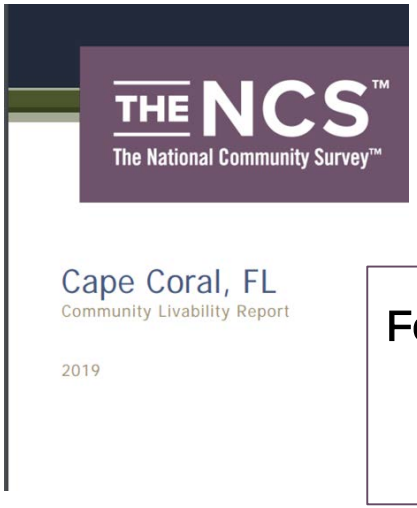
Geographic Comparison Report Comparisons will be provided in a separate report for geographic subgroups (as predetermined by NRC and jurisdiction staff) by questions on the survey responses, Statistically significant differences will be noted in the tables.

Subscription $910/ Non-recurring $1,015

Example Reports

As noted above, you can find many of our reports online to view examples of our work, however do note that we have recently revised our reporting format to be even more visually interesting and easy to digest. We don't yet have published versions of these reports to share.

We'd also be happy to provide contact information if you would like to check in with any of these clients.



Jupiter, FL has conducted The NCS biennially from 2009 to 2019

They share their reports and accompanying presentations here:

https://www.jupiter.fl.us/248/Citizen-Survey

Fernandina Beach, FL conducted The NCS in 2017 and 2019

Their reports can be found here:

http://www.fbfl.us/DocumentCenter/Index/1918

Cape Coral, FL has conducted The NCS biennially from 2005 to 2019

Their reports can be found here:

https://www.capecoral.net/government/city_government/city_manager/citizen_survey.php

Palm Coast, FL conducted The NCS annually from 2002-2015 and now biennially in 2017 and 2019

The NCS 2019 report has not been published yet, but their 2017 report can be found here:

http://docs.palmcoastgov.com/residents/citizen-survey/2017-citizen-survey.pdf

Contact

For further information on The NCS or this proposal:

Damema Mann
damema@n-r-c.com
303-226-6983

For further details on how communities are using Polco for free:

Matt Fulton
matt@polco.us
651-242-2422



The XYZ of ABC 2020 Community Survey

Please complete this survey if you are the adult (age 18 or older) in the household who most recently had a birthday (the year of birth does not matter). Your responses are anonymous and will be reported in group form only.

1. Please rate each of the following aspects of quality of life in ABC.

	Excellent	Good	Fair	Poor	Don't know
ABC as a place to live	1	2	3	4	5
Your neighborhood as a place to live	1	2	3	4	5
ABC as a place to raise children	1	2	3	4	5
ABC as a place to work	1	2	3	4	5
ABC as a place to visit	1	2	3	4	5
ABC as a place to retire	1	2	3	4	5
The overall quality of life in ABC	1	2	3	4	5
Sense of community	1	2	3	4	5

2. Please rate each of the following characteristics as they relate to ABC as a whole.

	Excellent	Good	Fair	Poor	Don't know
Overall economic health of ABC	1	2	3	4	5
Overall quality of the transportation system (auto, bicycle, foot, bus) in ABC	1	2	3	4	5
Overall design or layout of ABC's residential and commercial areas (e.g., homes, buildings, streets, parks, etc.)	1	2	3	4	5
Overall quality of the utility infrastructure in ABC (water, sewer, storm water, electric/gas)	1	2	3	4	5
Overall feeling of safety in ABC	1	2	3	4	5
Overall quality of natural environment in ABC	1	2	3	4	5
Overall quality of the parks and recreation opportunities	1	2	3	4	5
Overall health and wellness opportunities in ABC	1	2	3	4	5
Overall opportunities for education, culture and the arts	1	2	3	4	5
Residents' connection and engagement with their community	1	2	3	4	5

3. Please indicate how likely or unlikely you are to do each of the following.

	Very likely	Somewhat likely	Somewhat unlikely	Very unlikely	Don't know
Recommend living in ABC to someone who asks	1	2	3	4	5
Remain in ABC for the next five years	1	2	3	4	5

4. Please rate how safe or unsafe you feel:

	Very safe	Somewhat safe	Neither safe nor unsafe	Somewhat unsafe	Very unsafe	Don't know
In your neighborhood during the day	1	2	3	4	5	6
In ABC's downtown/commercial area during the day	1	2	3	4	5	6
From property crime	1	2	3	4	5	6
From violent crime	1	2	3	4	5	6
From fire, flood or other natural disaster	1	2	3	4	5	6

5. Please rate the job you feel the ABC community does at each of the following.

	Excellent	Good	Fair	Poor	Don't know
Making all residents feel welcome	1	2	3	4	5
Attracting people from diverse backgrounds	1	2	3	4	5
Valuing/respecting residents from diverse backgrounds	1	2	3	4	5
Taking care of vulnerable residents (elderly, disabled, homeless, etc.)	1	2	3	4	5

6. Please rate each of the following characteristics as they relate to ABC as a whole.

	Excellent	Good	Fair	Poor	Don't know
Overall quality of business and service establishments in ABC	1	2	3	4	5
Variety of business and service establishments in ABC	1	2	3	4	5
Vibrancy of downtown/commercial area	1	2	3	4	5
Employment opportunities	1	2	3	4	5
Shopping opportunities	1	2	3	4	5
Cost of living in ABC	1	2	3	4	5
Overall image or reputation of ABC	1	2	3	4	5

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7. Please rate each of the following characteristics as they relate to ABC as a whole.

	Excellent	Good	Fair	Poor	Don't know
Traffic flow on major streets	1	2	3	4	5
Ease of public parking	1	2	3	4	5
Ease of travel by car in ABC	1	2	3	4	5
Ease of travel by public transportation in ABC	1	2	3	4	5
Ease of travel by bicycle in ABC	1	2	3	4	5
Ease of walking in ABC	1	2	3	4	5
Well-planned residential growth	1	2	3	4	5
Well-planned commercial growth	1	2	3	4	5
Well-designed neighborhoods	1	2	3	4	5
Preservation of the historical or cultural character of the community	1	2	3	4	5
Public places where people want to spend time	1	2	3	4	5
Variety of housing options	1	2	3	4	5
Availability of affordable quality housing	1	2	3	4	5
Overall quality of new development in ABC	1	2	3	4	5
Overall appearance of ABC	1	2	3	4	5
Cleanliness of ABC	1	2	3	4	5
Water resources (beaches, lakes, ponds, riverways, etc.)	1	2	3	4	5
Air quality	1	2	3	4	5
Availability of paths and walking trails	1	2	3	4	5
Fitness opportunities (including exercise classes and paths or trails, etc.)	1	2	3	4	5
Recreational opportunities	1	2	3	4	5
Availability of affordable quality food	1	2	3	4	5
Availability of affordable quality health care	1	2	3	4	5
Availability of preventive health services	1	2	3	4	5
Availability of affordable quality mental health care	1	2	3	4	5
Opportunities for cultural enrichment	1	2	3	4	5
Opportunities to attend cultural/arts/music activities	1	2	3	4	5
Community support for the Arts	1	2	3	4	5
Availability of affordable quality childcare/preschool	1	2	3	4	5
K-12 education	1	2	3	4	5
Adult educational opportunities	1	2	3	4	5
Sense of civic/community pride	1	2	3	4	5
Neighborliness of residents in ABC	1	2	3	4	5
Opportunities to participate in social events and activities	1	2	3	4	5
Opportunities to attend special events and festivals	1	2	3	4	5
Opportunities to volunteer	1	2	3	4	5
Opportunities to participate in community matters	1	2	3	4	5
Openness and acceptance of the community toward people of diverse backgrounds	1	2	3	4	5

8. Please indicate whether or not you have done each of the following in the last 12 months.

	No	Yes
Contacted the XYZ of ABC (in-person, phone, email or web) for help or information	1	2
Contacted ABC elected officials (in-person, phone, email or web) to express your opinion	1	2
Attended a local public meeting (of local elected officials like City Council or County Commissioners, advisory boards, town halls, HOA, neighborhood watch, etc.)	1	2
Watched (online or on television) a local public meeting	1	2
Volunteered your time to some group/activity in ABC	1	2
Campaigned or advocated for a local issue, cause or candidate	1	2
Voted in your most recent local election	1	2
Used bus, rail, subway or other public transportation instead of driving	1	2
Carpooled with other adults or children instead of driving alone	1	2
Walked or biked instead of driving	1	2

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9. Please rate the quality of each of the following services in ABC.

	Excellent	Good	Fair	Poor	Don't know
Public information services	1	2	3	4	5
Economic development	1	2	3	4	5
Traffic enforcement	1	2	3	4	5
Traffic signal timing	1	2	3	4	5
Street repair	1	2	3	4	5
Street cleaning	1	2	3	4	5
Street lighting	1	2	3	4	5
Snow removal	1	2	3	4	5
Sidewalk maintenance	1	2	3	4	5
Bus or transit services	1	2	3	4	5
Land use, planning and zoning	1	2	3	4	5
Code enforcement (weeds, abandoned buildings, etc.)	1	2	3	4	5
Affordable high-speed internet access	1	2	3	4	5
Garbage collection	1	2	3	4	5
Drinking water	1	2	3	4	5
Sewer services	1	2	3	4	5
Storm water management (storm drainage, dams, levees, etc.)	1	2	3	4	5
Power (electric and/or gas) utility	1	2	3	4	5
Utility billing	1	2	3	4	5
Police/Sheriff services	1	2	3	4	5
Crime prevention	1	2	3	4	5
Animal control	1	2	3	4	5
Ambulance or emergency medical services	1	2	3	4	5
Fire services	1	2	3	4	5
Fire prevention and education	1	2	3	4	5
Emergency preparedness (services that prepare the community for natural disasters or other emergency situations)	1	2	3	4	5
Preservation of natural areas (open space, farmlands and greenbelts)	1	2	3	4	5
ABC open space	1	2	3	4	5
Recycling	1	2	3	4	5
Yard waste pick-up	1	2	3	4	5
XYZ parks	1	2	3	4	5
Recreation programs or classes	1	2	3	4	5
Recreation centers or facilities	1	2	3	4	5
Health services	1	2	3	4	5
Public library services	1	2	3	4	5
Overall customer service by ABC employees (police, receptionists, planners, etc.)	1	2	3	4	5

10. Please rate the following categories of ABC government performance.

	Excellent	Good	Fair	Poor	Don't know
The value of services for the taxes paid to ABC	1	2	3	4	5
The overall direction that ABC is taking	1	2	3	4	5
The job ABC government does at welcoming resident involvement	1	2	3	4	5
Overall confidence in ABC government	1	2	3	4	5
Generally acting in the best interest of the community	1	2	3	4	5
Being honest	1	2	3	4	5
Being open and transparent to the public	1	2	3	4	5
Informing residents about issues facing the community	1	2	3	4	5
Treating all residents fairly	1	2	3	4	5
Treating residents with respect	1	2	3	4	5

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11. Overall, how would you rate the quality of the services provided by each of the following?

	Excellent	Good	Fair	Poor	Don't know
The XYZ of ABC	1	2	3	4	5
The Federal Government	1	2	3	4	5

12. Please rate how important, if at all, you think it is for the ABC community to focus on each of the following in the coming two years.

	Essential	Very important	Somewhat important	Not at all important
Overall economic health of ABC	1	2	3	4
Overall quality of the transportation system (auto, bicycle, foot, bus) in ABC	1	2	3	4
Overall design or layout of ABC's residential and commercial areas (e.g., homes, buildings, streets, parks, etc.)	1	2	3	4
Overall quality of the utility infrastructure in ABC (water, sewer, storm water, electric/gas)	1	2	3	4
Overall feeling of safety in ABC	1	2	3	4
Overall quality of natural environment in ABC	1	2	3	4
Overall quality of the parks and recreation opportunities	1	2	3	4
Overall health and wellness opportunities in ABC	1	2	3	4
Overall opportunities for education, culture and the arts	1	2	3	4
Residents' connection and engagement with their community	1	2	3	4

xx. Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1 Custom Question #1

❍ Scale point 1 ❍ Scale point 2 ❍ Scale point 3 ❍ Scale point 4 ❍ Scale point5

xx. Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2 Custom Question #2

❍ Scale point 1 ❍ Scale point 2 ❍ Scale point 3 ❍ Scale point 4 ❍ Scale point5

xx. Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3 Custom Question #3

❍ Scale point 1 ❍ Scale point 2 ❍ Scale point 3 ❍ Scale point 4 ❍ Scale point5

xx. OPTIONAL [See Worksheets for details and price of this option] Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question Open-Ended Question

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Our last questions are about you and your household.
Again, all of your responses to this survey are completely anonymous and will be reported in group form only.

D1. Thinking about a typical week, how many times do you:

	Several times a day	Once a day	A few times a week	Every few weeks	Less often or never	Don't know
Access the internet from your home using a computer, laptop or tablet computer	1	2	3	4	5	6
Access the internet from your cell phone	1	2	3	4	5	6
Visit social media sites such as Facebook, Twitter, WhatsApp, etc.	1	2	3	4	5	6
Use or check email	1	2	3	4	5	6
Share your opinions online	1	2	3	4	5	6
Shop online	1	2	3	4	5	6

D2. Would you say that in general your health is:

❍ Excellent ❍ Very good ❍ Good ❍ Fair ❍ Poor

D3. What impact, if any, do you think the economy will have on your family income in the next 6 months? Do you think the impact will be:

❍ Very positive ❍ Somewhat positive ❍ Neutral ❍ Somewhat negative ❍ Very negative

D4. How many years have you lived in ABC?

❍ Less than 2 years
❍ 2-5 years
❍ 6-10 years
❍ 11-20 years
❍ More than 20 years

D5. Which best describes the building you live in?

❍ One family house detached from any other houses
❍ Building with two or more homes (duplex, townhome, apartment or condominium)
❍ Mobile home
❍ Other

D6. Do you rent or own your home?

❍ Rent
❍ Own

D7. About how much is your monthly housing cost for the place you live (including rent, mortgage payment, property tax, property insurance and homeowners' association (HOA) fees)?

❍ Less than $500
❍ $500 to $999
❍ $1,000 to $1,499
❍ $1,500 to $1,999
❍ $2,000 to $2,499
❍ $2,500 to $2,999
❍ $3,000 to $3,499
❍ $3,500 or more

D8. Do any children 17 or under live in your household?

❍ No ❍ Yes

D9. Are you or any other members of your household aged 65 or older?

❍ No ❍ Yes

D10. How much do you anticipate your household's total income before taxes will be for the current year? (Please include in your total income money from all sources for all persons living in your household.)

❍ Less than $25,000
❍ $25,000 to $49,999
❍ $50,000 to $74,999
❍ $75,000 to $99,999
❍ $100,000 to $149,999
❍ $150,000 or more

D11. Are you Spanish, Hispanic or Latino?

❍ No, not Spanish, Hispanic or Latino
❍ Yes, I consider myself to be Spanish, Hispanic or Latino

D12. What is your race? (Mark one or more races to indicate what race you consider yourself to be.)

❑ American Indian or Alaskan Native
❑ Asian, Asian Indian or Pacific Islander
❑ Black or African American
❑ White
❑ Other

D13. In which category is your age?

❍ 18-24 years
❍ 25-34 years
❍ 35-44 years
❍ 45-54 years
❍ 55-64 years
❍ 65-74 years
❍ 75 years or older

D14. What is your gender?

❍ Female
❍ Male
❍ Identify in another way

Thank you! Please return the completed survey in the postage-paid envelope to:
National Research Center, Inc., PO Box 549, Belle Mead, NJ 08502

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City of Cocoa Budget Adjustment Form FY 2020 - 20-042-T

SELECT ADJUSTMENT TYPE: BUDGET TRANSFER | REQUESTING DEPARTMENT #: 1100 | DATE PREPARED: 02/12/20

'FROM' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
($ 15,000)	001-1100-512.48-00		Promotionals Activites	$ 15,000	$ 15,000	$ 0	$ 0
($ 5,000)	001-1600-513.31-00		Professional Services	$ 2,951,500	$ 305,394	$ 300,394	$ 160,099
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
($ 20,000)	TOTAL						

'TO' ACCOUNT(S)

ADJUSTMENT AMOUNT	ACCOUNT NUMBER	PROJECT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	ADJUSTED BUDGET	UNENCUMBERED BALANCE
$ 20,000	001-1100-512.31-00		Professional Services	$ 0	$ 0	$ 20,000	$ 20,000
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 0				$ 0	$ 0	$ 0	$ 0
$ 20,000	TOTAL						

REASON/JUSTIFICATION FOR ADJUSTMENT:

The City of Cocoa is updating its Strategic Plan and central to doing so is understanding resident opinions. A Community Survey will provide additional data in ensuring the 2021 - 2026 Strategic Plan is based on resident opinions and concerns. Money was budgeted in the Promotional Activities account for the Community Survey and is now being relocation to Professional Services. An additional $5,000 is being reallocated from the leadership team training/management retreat budget to cover the remaining cost. Agenda 20-120

CITY COUNCIL APPROVAL REQUIRED? *YES* (●) *NO* ( ) *DATE APPROVED:* 02/26/20 *RESOLUTION #:* 2020-121

City Council approval is needed for all transfers greater than $50,000 and transfers between Departments / Funds. Attach copy of agenda item and City Clerk's Journal noting approval.

2/12/20	Lea Taylor (Digitally signed by Lea Taylor Date: 2020.02.12 10:58:59 -05'00')	2/12/20	Lea Taylor (Digitally signed by Lea Taylor Date: 2020.02.13 16:11:03 -05'00')		
Date	Requestor's Signature	Date	Finance Approval Signature	Date	Finance Director's Signature
2/12/20	Matthew Fuhrer (Digitally signed by Matthew Fuhrer Date: 2020.02.12 16:26:50 -05'00')	2/18/20	Lora Howell (Digitally signed by Lora Howell Date: 2020.02.18 14:36:43 -05'00')		
Date	Department Director's Signature	Date	Deputy Fin. Director's Signature	Date	City Manager's Signature

FINANCE USE ONLY:

Date Entered: _____ Entered By: _____ Group #: _____

Legislation Details (With Text)

File #:	20-80	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Multi-Year Contract
File created:	1/29/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve the Second and Final Amendment to Purchase Agreement with Anderson Diving d/b/a Logan Diving and Salvage, Inc. effective March 5, 2020 through March 4, 2022, under RFQ-14-19-COC Subaqueous Pipeline Assessment. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	2nd AMENDMENT RFQ-14-19-COC Anderson Diviing --SUBAQUEOUS INVESTIGATION AND				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: January 29, 2020
Agenda Date: February 26, 2020
Prepared By: Melinda M. Keesee, Field Operations Technician
Through: Chris M. Collier, Assistant Utilities Director
Through: John A. Walsh, P.E., Utilities Director
Requested Action:
To Approve the Second and Final Amendment to Purchase Agreement with Anderson Diving d/b/a Logan Diving and Salvage, Inc. effective March 5, 2020 through March 4, 2022, under RFQ-14-19-COC Subaqueous Pipeline Assessment

BACKGROUND:

On December 9, 2014, City Council approved the award of RFQ-14-19-COC, Subaqueous Pipeline Assessment to Anderson Diving, Inc. d/b/a Logan Diving and Salvage, Inc. for various work categories, and authorized the City Manager to execute the Continuing Services Agreements with the option to renew for two, two-year periods by mutual agreement of both parties.

Staff is requesting approval of the second and final amendment to purchase agreement with Anderson Diving, Inc. d/b/a Logan Diving and Salvage, Inc. effective March 5, 2020 through March 4, 2022.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	N/A
If not budgeted, is amendment/transfer attached?	N/A

PREVIOUS ACTION:

On December 9, 2014, City Council approved award of RFQ-14-19-COC, Subaqueous Pipeline Assessment to Anderson Diving, Inc. effective March 5, 2015 through March 4, 2018 and Ferreira Construction Southern Division effective May 26, 2015 through May 25, 2018, with the option to renew for two, two-year periods by mutual agreement of both parties.

On March 27, 2018, City Council approved the first amendment to purchase agreement with Anderson Diving, Inc. effective March 5, 2018 through March 4, 2020, and Ferreira Construction Southern Division effective May 26, 2018 through May 25, 2020, under RFQ-14-19-COC Subaqueous Pipeline Assessment.

RECOMMENDED MOTION:

To Approve the Second and Final Amendment to Purchase Agreement with Anderson Diving d/b/a Logan Diving and Salvage, Inc., Inc. effective March 5, 2020 through March 4, 2022, under RFQ-14-19-COC Subaqueous Pipeline Assessment.

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City of Cocoa
AMENDMENT TO PURCHASE AGREEMENT

BID RFQ-14-19-COC
SUBAQUEOUS INVESTIGATION AND MAINTENANCE SERVICES
AMENDMENT #2

This Second amendment to the purchase agreement for Utilities General Construction Contractors is made and entered into as of February 10, 2020 by and between the **City of Cocoa** and **Anderson Diving, Inc., D/B/A Logan Diving and Salvage,** a Florida Corporation, located at 2815 St. John's Bluff Road, Jacksonville, Florida 32246, hereinafter referred to as "Contractor".

The agreement, entered into on March 5, 2015 is hereby amended to renew for the final twenty-four (24) additional months, at the same rate(s), terms, and conditions as stated in Original Contract Documents commencing on March 5, 2020 and terminating on March 4, 2022.

The parties hereto duly execute this Second Amendment to become effective as of the date and year first above written.

ANDERSON DIVISING,INC., D/B/A LOGAN DIVING AND SALVAGE	**CITY OF COCOA**
By: Scott C. Anderson	**By: John A. Titkanich**
(Name) Printed	(Name) Printed
President	**City Manager**
(Title)	(Title)
Signature 2/10/2020 Date	Signature Date

CC: Carie Shealy, City Clerk
John "Jack" Walsh P.E., Utilities Director
Tammy Eastburn, Procurement Card Coordinator

Legislation Details (With Text)

File #:	20-86	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Multi-Year Contract
File created:	1/31/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Approve a Task Order by S&ME to develop a Parks & Open Space Master Plan in the amount of $59,800 based upon a multi-year Professional Services Agreement between the City of Cocoa and S&ME, Inc. executed on March 13, 2019. (Community Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Parks and Open Space Master Plan Proposal.pdf Agreement for Professional Planning Consultant Services.pdf Page 4 City Council Journal (1).pdf TO-CS-SME-(Task Order #2020-1)-2-6-2020-$59800.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 7, 2020
Agenda Date: February 26, 2020
Prepared By: Nancy A. Bunt, Community Services Director
Through: John A. Titkanich, Jr., AICP, ICMA-CM
Requested Action:
Approve a Task Order by S&ME to develop a Parks & Open Space Master Plan in the amount of $59,800 based upon a multi-year Professional Services Agreement between the City of Cocoa and S&ME, Inc. executed on March 13, 2019.

BACKGROUND:

On March 13, 2019, City Council approved a multi-year professional services agreement between the City and S&ME, Inc. for professional planning services. At that time, the Community Services Department was operating with staffing shortages in both the Planning & Zoning and Building & Permitting Divisions and these staffing issues were creating customer services concerns. Also, their services were needed to complete the analysis and evaluation required to bring the City's Comprehensive Plan Amendments into statutory compliance based on statutory changes since the City adopted its current Comprehensive Plan. Land Design Innovations, Inc. (LDI) was acquired by S&ME, Inc. and LDI previously prepared the City's 2008 Evaluation and Appraisal Report and assisted the City in a substantial re-write of the City's adopted 2010-2020 Comprehensive Plan.

As a Council priority, staff is seeking to enter into a Task Order with S&ME to undertake a Parks/Open-Space Master Plan that evaluates level of service, existing facilities and identifies gaps

and opportunities for future park/open space development. S&ME would develop a plan that evaluates what areas/neighborhoods present opportunities for future park/open-space projects as well as generally looking at opportunities for trails and connecting to or expanding what the Space Coast Transportation Planning Organization (SCTPO) has planned along with private projects the City negotiated an easement over land for trail development. Additionally, the City this past fiscal year adopted a Stormwater Master Plan and the City would like to see if there are possibilities of integrating future improvements whether they be stormwater or additional park development to maximize opportunities. Although, not identified in the proposal, S&ME anticipates this process will take approximately 9 months to complete.

The attached proposal outlines the deliverables of the Parks &Open Space Master Plan (Plan). Specifically, the Plan deliverables will include:

- Existing Conditions and Needs Assessment:
  - Existing Plan and Context Review;
  - Inventory of Existing Parks and Recreation Facilities;
  - Inventory of spaces jointly used for recreation and utilities;
  - Open Space Analysis;
  - Level of Service Analysis;
  - Summary of Park Site Visits Findings and Trail connection opportunities;
  - Summary of Stakeholder Interview/Focus Group Results; and
  - Summary of Public Outreach Meeting Results.
- Parks and Recreation System Vision and Recommendations:
  - Summary of Public Workshop;
  - Recommendations for additional facilities and amenities at existing parks;
  - Recommendations for joint use of spaces (e.g. recreation and utilities);
  - Recommendations for new park locations and park types based on level of service distribution needs and build-out population;
  - Recommendations for conceptual trail connection opportunities (e.g. through future stormwater facilities, easements, or utility facilities);
  - Effectiveness of the City's existing level of service standards for existing park infrastructure, recommendations for modification to create an effective park system; and
  - Recommended changes to the City's Comprehensive Plan Recreation/Open Space element.
- Implementation Strategy and Outcomes:
  - Estimate of Probable Park Component Costs;
  - Financial strategies to obtain additional park property and long-term management of park facilities;
  - Recommended changes to the City's Comprehensive Plan to allow new parks and open space opportunities, if necessary; and
  - Community impact summary, including high-level summary of the anticipated impact of the park recommendations on the community, environment, educational opportunities and public health.

STRATEGIC PLAN CONNECTION:

Image- the Plan will evaluate level of service, existing facilities and identifies gaps and opportunities for future park/open space development.

BUDGETARY IMPACT:

Budgeted	Yes
Amount Requested	$59,800
Account Number	001-3200-515.31-00
Account Name	Professional Services

PREVIOUS ACTION:

N/A

RECOMMENDED MOTION:

Approve a Task Order by S&ME to develop a Parks & Open Space Master Plan in the amount of $59,800 based upon a multi-year Professional Services Agreement between the City of Cocoa and S&ME, Inc. executed on March 13, 2019

January 28, 2020

John A. Titkanich, Jr., AICP, ICMA-CM
City Manager
City of Cocoa
65 Stone Street
Cocoa, FL 32922

Sent Via Email: jtitkanich@cocoafl.org

RE: Cocoa Parks and Open Space Master Plan
Cocoa, FL

Dear Mr. Titkanich:

S&ME, Inc. (S&ME) appreciates the opportunity to submit this proposal to the City of Cocoa to provide professional planning services to develop a Parks and Open Space Master Plan for the City. Based on your email dated December 2, 2019 and a follow-up meeting on December 20, 2019, we understand the City needs assistance in preparing a Parks and Open Space Master Plan in order to evaluate level of service, existing facilities and identify gaps and opportunities for future park/open space development.

❖ SCOPE OF WORK:

The following scope of services will be undertaken by S&ME to assist the City in creating its Parks and Open Space Master Plan.

Phase 1 – Project Kickoff and Existing Conditions Analysis

This phase will consist of the following:

1.1: Project Management Support and Coordination: S&ME will coordinate and work with City Staff. Our team will create a detailed work plan, monitor the project schedule and provide timely invoicing and monthly, electronic status updates. Completed portions of the project will be submitted in draft form to City staff for review and comment.

1.2: Project Steering Committee Meetings: The City will form a "Parks and Open Space Master Plan Steering Committee" to provide feedback and review information during the master planning process. S&ME will help facilitate up to three (3) Steering Committee Meetings, including a kick-off meeting and interim review meetings at the completion of Phases 2 and 3.

1.3: City Staff, Steering Committee Kick-Off Meeting: A half day orientation meeting with City staff and Steering Committee will be held at the beginning of the project in order to review a work plan, timelines, and details on the master plan process. At this meeting, the City will provide S&ME with the data necessary to complete the Existing Plan and Context Review (1.4) and Inventory and Mapping (1.5).

1.4: Existing Plan and Context Review: S&ME will analyze and review relevant surveys, studies, and planning documents that may influence the master plan. S&ME will rely on the City to provide relevant documents and data.

1.5: Inventory and Mapping: S&ME will obtain the following items from the noted entity:

- Existing (Brevard County Property Appraiser) and future land use (City)
- Existing zoning (City), (If not available at the time of the study, S&ME will work directly with staff regarding zoning related issues.)
- Water bodies, canals, rivers, streams, and creeks (Brevard County)
- Streets (Brevard County)
- Transit (Brevard County)
- Bikeways (City Public Works) and trails (No Data)
- Rights-of-way
- Parcel data (Brevard County)
- Environmentally sensitive/Conservation areas (Wildlife Management)
- Tree canopy (FEC)
- Utility Corridors (City Utilities),
- Transmission Utilities: Overhead Electric (FPL), Underground Gas (Provider)
- 2010 inventory of City parks and recreation facilities (City) (will need to be updated)
- 2010 inventory of recreations facility within each of the parks (e.g. playgrounds, tennis courts, basketball courts, baseball/softball fields, soccer/football fields, etc.) (City) (will need to be updated)
- Current inventory of special use facilities (amphitheaters, community centers, gymnasiums, etc.) (City)
- Current inventory of schools, churches, and non-profits (Boys and Girls Club, YMCA, etc.) (City)
- Current inventory of private recreation facilities (City)
- Current inventory of vacant/derelict sites (Brevard County Property Appraiser)
- Current inventory of joint use space (e.g. utility facility and recreation) (City)
- Historic/Cultural resources (City & FMSF)

S&ME will create a GIS base map from the data obtained from the City. This map will illustrate public and private sites currently used for recreation, as well as other natural greenspace resources for potential park system acquisition and/or parks development including trail networks. S&ME will submit the base map to the City to review for accuracy and consistency.

S&ME will review the City's stormwater Master Plan to identify parks or recreation opportunities where resources could be leveraged and facilities maximized. Potential opportunities include joint use of facilities (e.g. utilities and recreation) or adding paths around stormwater ponds.

As part of the inventory of park facilities, S&ME will evaluate each park to determine if ADA standards are being met. Where ADA concerns are identified, S&ME will provide the issue and a recommendation on how to remediate the concern.

Phase 2 – Needs and Priorities Assessment

2.1: Open Space Analysis: S&ME will perform an open space analysis based on existing parks and City owned parcels with data provided by the City. This analysis will identify potential sites for

future parkland acquisition.

2.2: **Level of Service Analysis**: Using data provided by the City, S&ME will analyze the following existing levels of service (LOS):

- Acreage: Measurement of parks and open space acreage in a ratio to the community's population.
- Facilities: Measurement of facility capacity in a ratio to the community's population, and compares benchmarks to other similar communities.
- Access: Measurement of travel distances to parks and individual facilities such as playgrounds, athletic fields, and recreation centers.
- Quality: Measurement of quality of facilities across the City.

2.3: Trail Connectivity Analysis: S&ME will perform a trail connectivity analysis based on existing trail facilities as well as planned trail facilities with data provided by the City. This analysis will identify potential trail connections and trailhead opportunities and identify long-term priorities.

2.4: Community Online Preference Survey: A survey will be administered using online resources in order to gain community wide preferences for desired park facilities and programs. The survey will help determine current levels of participation and public satisfaction with existing programs, recreation facilities, and services as well as residents' needs and priorities for additional facilities and programs. A hard copy (PDF) version of the survey will also be provided to be posted or emailed to City residents and also to be printed for public meeting events.

2.5: Park Visit: S&ME will visit the City's parks and open space facilities to evaluate and inventory each property in-person. Following S&ME's assessment of each facility, City staff and steering committee members may be asked to contribute to the evaluation process.

2.6: Stakeholder Interviews: Shortly after the park visits, S&ME will conduct up to three (3) groups of one-on-one interviews with stakeholders within the community that may include the City Council and other members of the community (to be identified by City staff).

2.7: Public Workshop: S&ME will conduct a public workshop at a location, preferably associated with parks and recreation. The workshop will be held to facilitate community input, develop guiding principles, recommendations to the LOS Standards, and a long-range vision in response to the priority needs. The workshop will also allow for stakeholder collaboration to take place and remain involved during the planning process.

2.8: Needs and Priorities Assessment Summary: S&ME will compile a document to summarize the findings from the Needs Assessment. This document will include a variety of tables, charts, graphs, maps, figures, and a summary for City staff to review. Revisions will be made based on staff comments.

Deliverables:

- Meeting Agendas and Meeting Minutes
- Public Workshop PowerPoint
- Needs and Priorities Assessment Summary Document

Phase 3 – Master Plan Document

3.1 Draft Master Plan Report: S&ME will compile findings from the tasks listed above and consolidate them into a single and concise document that includes the following:

- Existing Conditions and Needs Assessment:
    - Existing Plan and Context Review;
    - Inventory of Existing Parks and Recreation Facilities;
    - Inventory of spaces jointly used for recreation and utilities;
    - Open Space Analysis;
    - Level of Service Analysis;
    - Summary of Park Site Visits Findings and Trail connection opportunities;
    - Summary of Stakeholder Interview/Focus Group Results; and
    - Summary of Public Outreach Meeting Results.
- Parks and Recreation System Vision and Recommendations:
    - Summary of Public Workshop;
    - Recommendations for additional facilities and amenities at existing parks;
    - Recommendations for joint use of spaces (e.g. recreation and utilities);
    - Recommendations for new park locations and park types based on level of service distribution needs and build-out population;
    - Recommendations for conceptual trail connection opportunities (e.g. through future stormwater facilities, easements, or utility facilities);
    - Effectiveness of the City's existing level of service standards for existing park infrastructure, recommendations for modification to create an effective park system; and
    - Recommended changes to the City's Comprehensive Plan Recreation/Open Space element.
- Implementation Strategy and Outcomes:
    - Estimate of Probable Park Component Costs;
    - Financial strategies to obtain additional park property and long term management of park facilities;
    - Recommended changes to the City's Comprehensive Plan to allow new parks and open space opportunities, if necessary; and
    - Community impact summary, including high-level summary of the anticipated impact of the parks recommendations on the community, environment, educational opportunities and public health.

3.2 Draft Parks Master Plan City Council Presentation: S&ME will present the draft Parks and Open Space Master Plan to the City Council for questions and comments.

3.3 Final Parks and Recreation Master Plan Document: Based on input from the City Council, S&ME will update and revise the Parks and Open Space Master Plan. The final Master Plan will be formatted in InDesign or similar graphic format and compatible with Word.

Deliverables:

- Draft Master Plan Document (digital) - The format of all written text documents will be compatible with Word, InDesign, and Adobe Acrobat, and GIS layers shall will be compatible with ArcGIS.
- Draft Master Plan PowerPoint Presentation
- Final Master Plan Document (digital)

- Both an electronic Adobe PDF and one (1) hardcopy of all survey results, minutes, ArcGIS layers, financial and suitability analysis, illustrations, and other supporting documents used to construct the Parks and Recreation Master Plan.

❖ FEE SCHEDULE:

Phase:	Fees, Including Direct Expenses:
Phase 1 – Project Kickoff and Existing Conditions Analysis	$15,900
Phase 2 – Needs and Priorities Assessment	$25,400
Phase 3 – Master Plan Document	$18,500
TOTAL FEES	**$59,800**

❖ STANDARD TERMS AND CONDITIONS

Unless otherwise indicated, S&ME will perform this scope of services as described in the Professional Services agreement dated March 18, 2019.

Again, thank you for the opportunity to submit this proposal. We look forward to working with you on this exciting project. If this proposal is acceptable, please sign both copies and return one to our office.

Sincerely,

S&ME, INC.

Patricia Tyjeski, AICP
Planning Group Leader

AGREED BY:

_____ _____
Name Date

_____ _____
Title Jurisdiction

AGREEMENT FOR
PROFESSIONAL PLANNING CONSULTANT SERVICES

THIS AGREEMENT is made and entered into this 18th day of March 2019, by and between the **CITY OF COCOA, FLORIDA,** a Florida Municipal Corporation, hereinafter referred to as "City", located at 65 Stone Street, Cocoa, Florida 32922, and **S&ME, Inc.**, a North Carolina corporation authorized to conduct business in the State of Florida, whose address is 2724 Discovery Drive, Suite 120, Raleigh, NC 27616, hereinafter referred to as "Consultant".

WITNESSETH:

WHEREAS, City has a need to obtain non-engineering related, professional planning consulting services from time to time on an as-needed, task oriented basis; and

WHEREAS, this is not an engineering or construction services agreement governed by the Florida's Consultants' Competitive Negotiation Act, Section 287.055, *Florida Statutes;* and

WHEREAS, Consultant is willing to provide such services to the City under the terms and conditions stated herein.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties covenant and agree as follows:

1.0 TERM AND DEFINITIONS

1.1 Unless sooner terminated by either Party pursuant to the terms and conditions herein, this Agreement shall terminate on the second (2nd) anniversary of the Effective Date. The Parties shall have the option to extend the term of this Agreement by mutual agreement for up to one (1) additional one-year renewal. Such an extension shall only be by written amendment to this Agreement.

1.2 The terms and conditions of any Task Order, as described in Section 2 hereof, shall be as set forth in such Task Order. Any Task in effect at the termination of this Agreement shall remain in effect until completion of said Task Order, and all of the terms and conditions of this Agreement shall survive until completion of all Task Orders.

1.3 Definitions. The following words and phrases used in this Agreement shall have the following meaning ascribed to them unless the context clearly indicates otherwise:

a. "Agreement" or "Contract" shall be used interchangeably and shall refer to this

Agreement, as amended from time to time, which shall constitute authorization for the Consultant to provide the Consulting services approved by Task Order by the City and is also sometimes referred to herein to include all Task Orders approved hereunder.

b. "Effective Date" shall be the date on which the last signatory hereto shall execute this Agreement, and it shall be the date on which this Agreement shall go into effect. The Agreement shall not go into effect until said date.

c. "Consultant" shall mean S&ME, Inc., a foreign corporation, and its principals, employees, resident project representatives (and assistants).

d. "Public Record" shall have the meaning given in Section 119.011(1), *Florida Statutes.*

e. "Reimbursable Expenses" shall mean the actual expenses incurred by Consultant or Consultant's independent professional associates and consultants which are directly related to travel and subsistence at the rates, and under the requirements of, Section 112.061, Florida Statutes, or any other actual and direct expenses the City agrees to reimburse by Task Order.

f. "Work" or "Services" shall be used interchangeably and shall include the performance of the professional planning consulting work agreed to by the parties in a Task Order.

g. "Task Order" shall mean a written document approved by the parties pursuant to the procedure outlined in paragraph 2.0 of this Agreement, and any amendments thereto approved pursuant to the procedures outlined in paragraph 3.0 herein, which sets forth the Work to be performed by Consultant under this Agreement, and shall include, without the necessity of a cross-reference, the terms and conditions of this Agreement.

1.4 Engagement. The City hereby engages the Consultant and Consultant agrees to perform the Services outlined in this agreement for the stated fee arrangement. No prior or present representations shall be binding upon any of the parties hereto unless incorporated in this Agreement.

2.0 DESCRIPTION OF SERVICES; RATE SCHEDULE

2.1 The City may make request of Consultant to perform professional planning consulting services on a "task" basis. In general, such services may include, but not be limited to, project-by-project plans review and communication with City staff, applicants, and the public on applicable projects. **A general Scope of Work, i.e., a broad list of the services that may be provided by Consultant with a corresponding rate schedule is attached hereto as Exhibit "A."** The services to be performed pursuant to each Task Order shall fall within the general Scope of Work attached hereto as Exhibit A. When the City desires to enter into a specific Task Order, the City will

communicate with Consultant, verbally or in writing, a general description of the task to be performed. The Consultant will generate a detailed Scope of Work document, prepare a Schedule, add a fee component (e.g. straight hourly rate for work performed, a not to exceed fee amount, or a lump sum fee amount) with a detailed cost breakdown to accomplish the task, and send the thus developed "Task Proposal" to the City. The detailed cost breakdown of the fee shall consist of a list of major sub-tasks and a man-hour breakdown for all work to be performed. The cost breakdown shall include all subconsultant work and the Task Proposal shall include the written price proposals from all subconsultants. The detailed cost breakdown shall include a line item for Reimbursable Expenses and the list of the expenses proposed to be eligible for reimbursement. The City will review the Task Proposal, and if the description is mutually acceptable, the parties will enter into a written "Task Order". The Scope of Services generally to be provided by the Consultant through a Task Order may include any consulting services for any City project and may contain written terms and conditions which are deemed supplemental to this Agreement.

The City will issue a notice to proceed to the Consultant in the form of a letter and an executed City purchase order. Upon receipt of the signed Task Order and the written notice to proceed from the City, the Consultant shall perform the services set forth in the Task Order.

2.2 The City reserves the right, at its discretion, to perform any services related to this Agreement or to retain the services of other consulting companies to provide professional consultant services.

2.3 The maximum hourly rates and certain direct charges that can be charged under this Agreement by Consultant for the first year of this Agreement, through April 30, 2020, are set forth in **EXHIBIT "A,"** which is attached hereto and fully incorporated herein by this reference.

3.0 CHANGES IN THE SCOPE OF WORK

3.1 City may make changes in the Services at any time by giving written notice to Consultant. If such changes increase (additional services) or decrease or eliminate any amount of Work, City and Consultant will negotiate any change in total cost or schedule modifications. If the City and the Consultant approve any change, the Task Order will be modified in writing to reflect the changes; and Consultant shall be compensated for said services in accordance with the terms of Article 5.0 herein. All change orders shall be authorized in writing by City's and Consultant's designated representative.

3.2 All of City's said Task Orders and amendments thereto shall be performed in strict accordance with the terms of this Agreement insofar as they are applicable.

4.0 SCHEDULE

4.1 Consultant shall perform services in conformance with the mutually agreed schedule

set forth in the negotiated Task Order. Consultant shall complete all of said services in a timely manner and will keep City apprised of the status of work on at least a monthly basis or as otherwise reasonably requested by the City. Should Consultant fall behind the agreed upon schedule, it shall employ such resources so as to comply with the agreed-upon schedule.

4.2 No extension for completion of services shall be granted to Consultant without City's prior written consent, except as provided in Sections 3.1 and 19.1 herein.

4.3 Any cost caused by defective or ill-timed services shall be borne by the party responsible therefore.

5.0 METHODS OF PAYMENT FOR SERVICES AND EXPENSES OF CONSULTANT

5.1 General Services. For basic and additional Services performed by Consultant's principals, employees, and resident project representatives (and assistants) pursuant to paragraphs 2.0 and 3.0, the City agrees to pay the Consultant an amount equal to that agreed upon by the parties for a particular Task Order. However, payment terms must be consistent with the terms and conditions in this Agreement. To the extent that the payment terms in any Task Order conflict with the payment terms set forth in this Agreement, the conflicting provisions of this Agreement shall prevail.

5.2 Additional Services Performed by Professional Associates and Consultants. For additional Services and Reimbursable Expenses of independent professional associates and consultants employed by Consultant to render additional Services pursuant to paragraphs 2.0 and 3.0, the City agrees to pay the Consultant an amount equal to that billed Consultant by the independent professional associates and consultants. Prior to payment by the City, the Consultant shall submit to the City a copy of any written invoice received by Consultant from all independent professional associates and consultants which clearly evidences the amount billed by the independent professional associates and consultants for additional Services and any Reimbursable Expenses.

5.3 Witness Services. For witness or expert services rendered by Consultant's principals, employees, resident project representatives (and assistants), and independent professional associates and consultants on behalf of the City in any litigation, arbitration, or other legal or interested administrative proceeding in which the City is a named interested party, City agrees to pay the Consultant or independent professional associate or consultant, which is used as a witness or expert, an amount equal to that agreed upon by the party for a particular Task Order. All witness or expert witness services shall be subject to the direction of the City Attorney and must be coordinated and approved by the City Attorney in advance. When performing such services for the City, Consultant shall be bound by any attorney-work product public records exemption laws and rules.

5.4 Florida Prompt Payment Act. Payment shall be due and payable as provided by the Florida Local Government Prompt Payment Act s.218.70 et. seq., Florida Statutes.

5.5 Miscellaneous. Under no circumstances shall actual or direct costs under this Agreement include costs associated with in efficiency, offsite or home office overhead, loss of productivity, consequential damages, legal or consulting costs, or costs associated with delays caused in whole or in part by the Consultant.

5.6 Errors and Deficiencies. Consultant shall not invoice the City or seek any compensation from the City to correct or revise any errors or deficiencies in Consultant's services provided under this Agreement.

5.7 Payment Offsets. To the extent that Consultant owes the City any money under this or any other Agreement with the City, the City shall have the right to withhold payment and otherwise back charge the Consultant for any money owed to the City by Consultant.

5.8 Payment not Waiver. The City's payment of any invoice under this Agreement shall not be construed or operate as a waiver of any rights under this Agreement or any cause of action arising out of the performance of this Agreement and Consultant shall remain liable to the City in accordance with applicable law for all damages to the City caused by Consultant's performance of any services provided under this Agreement.

5.9 Delay Remedy. The risk of any monetary damages caused by any delays in performing the Services under this Agreement and any Task Order are accepted and assumed entirely by the Consultant, and in no event shall any claim relating thereto for an increase in compensation be made or recognized. Consultant shall not make any claim nor seek any damages of any kind against the City for any delays, impacts, disruption or interruption caused by any delay. Consultant's remedy for a delay shall be an equitable extension of time to perform the Services for each day of such delay that impacts the critical path of the schedule established under this Agreement or specific Task Order.

5.10 Acceptance of Payment. Acceptance of final payment by the Consultant for a specific Task Order shall constitute a release of all claims for payment which the Consultant may have against the City for that Task Order unless such claims are specifically reserved in writing and transmitted to the City by the Consultant prior to its acceptance. Said final payment shall not, however, be a bar to any claims that the City may have against the Consultant or to any remedies the City may pursue with respect to such claims.

5.11 Payment Adjustments. It is agreed that payment by the City of any billing will not constitute agreement as to the appropriateness of any item and that at the time of any final audit, all required adjustments will be made and reflected in a final payment. In the event that such final audit reveals an overpayment to the Consultant, the Consultant agrees to refund such overpayment to the City within ninety (90) days of notice of any such overpayment. Such refund shall not constitute a waiver by the Consultant for any claims relating to the validity of a finding by the City of

overpayment.

5.12 Partial Payments. Payment made to the Consultant shall not constitute acceptance of the work or any portion thereof which is not in accordance with this Agreement. The City retains the right to pay only that percentage of the total contract amount that equals the same percentage that work completed bears to the total amount of work required to be performed under this Agreement. If the City objects to all or any portion of any invoice, it shall notify the Consultant of the same within five (5) days from the date of receipt and shall pay that portion of the invoice not in dispute. The parties shall immediately make every effort to settle the disputed portion.

6.0 RIGHT TO INSPECTION

6.1 City or its affiliates shall at all times have the right to review or observe the Services performed by Consultant.

6.2 No inspection, review, or observation shall relieve Consultant of its responsibility under this Agreement.

7.0 PROGRESS MEETING

7.1 City's designated Project Manager may hold periodic progress meetings on a monthly basis, or more frequently if required by the City, during the term of any Task Order entered into under this Agreement. Consultant's Project Manager and all other appropriate personnel shall attend such meetings as designated by City's Project Manager.

8.0 SAFETY

8.1 Consultant shall be solely and absolutely responsible and assume all liability for the safety and supervision of its principals, employees, resident project representatives (and assistants) while performing Services provided hereunder.

9.0 REASONABLE ACCESS

9.1 During the term of this Agreement, City shall grant Consultant reasonable access to the City's premises, records, and files for purposes of fulfilling its obligations under this Agreement.

10.0 INSURANCE

10.1 Liability Amounts. During the term of this Agreement, Consultant shall be responsible for providing the types of insurance and limits of liability as set forth below.

a. Professional Liability. Proof of professional liability insurance shall be provided to

the City for the minimum amount of $1,000,000 as the combined single limit per claim and $1,000,000 in the aggregate.

b. The Consultant shall maintain comprehensive general liability insurance in the minimum amount of $1,000,000 as the combined single limit for each occurrence to protect the Consultant from claims of property damages and personal injury which may arise from any Services performed under this Agreement whether such Services are performed by the Consultant or by anyone directly employed by or contracting with the Consultant, and with a deductible not greater than $5,000.00.

c. The Consultant shall maintain comprehensive automobile liability insurance in the minimum amount of $1,000,000 combined single limit bodily injury and minimum $50,000 property damage as the combined single limit for each occurrence to protect the Consultant from claims for damages for bodily injury, including wrongful death, as well as from claims from property damage, which may arise from the ownership, use, or maintenance of owned and non-owned automobiles, including rented automobiles whether such operations be by the Consultant or by anyone directly or indirectly employed by the Consultant.

d. The Consultant shall maintain, during the life of this Agreement, adequate Workers' Compensation Insurance and Employers' Liability Insurance in at least such amounts as are required by law for all of its employees performing Work for the City pursuant to this Agreement.

10.2 Special Requirements. Current, valid insurance policies meeting the requirements herein identified shall be maintained during the term of this Agreement. Renewal certificates shall be sent to the City thirty (30) days prior to any expiration date. There shall also be a thirty (30) day advance written notification to the City in the event of cancellation or modification of any stipulated insurance coverage. **The City shall be an additional named insured on stipulated insurance policies included in article l0.l.b and l0.l.c herein, as its interest may appear, from time to time.**

10.3 The insurance required by this Agreement shall include the liability and coverage provided herein, or as required by law, whichever requirements afford greater coverage. All of the policies of insurance so required to be purchased and maintained shall contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least thirty (30) days' prior written notice has been given to the City, and the Consultant by certified mail, return receipt requested. All such insurance shall remain in effect until final payment. In the event that the Consultant shall fail to comply with the foregoing requirement, the City is authorized, but in no event shall be obligated, to purchase such insurance, and the City may bill the Consultant. The Consultant shall immediately forward funds to the City in full payment for said insurance. It is expressly agreed that neither the provision of the insurance referred to in this Agreement nor the City's acceptance of the terms, conditions or amounts of any insurance policy shall be deemed a warranty or representation as to adequacy of such coverage. All insurance coverage shall be with insurer(s) rated as A+ by Best's Rating Guide (or equivalent rating and rating

service as reasonably determined by the City Manager) and licensed by the State of Florida to engage in the business of writing of insurance or provided through the London Market for Professional Liability Insurance. Unless agreed to by the City to the contrary, the City shall be named on the insurance policies included in article l0.l.b and l0.l.c as "additional insured." The Consultant shall cause its insurance carriers, prior to the effective date of this agreement to furnish insurance certificates specifying the types and amounts of coverage in effect pursuant hereto, the expiration dates of such policies, and a statement that no insurance under such policies will be canceled without thirty (30) days' prior written notice to the City in compliance with other provisions of this Agreement. If the City has any objection to the coverage afforded by or other provision of the insurance required to be purchased and maintained by the Consultant in accordance with this Article on the basis of its not complying with the Agreement, the City shall notify the Consultant in writing thereof within thirty (30) days of the date of delivery of such certificates to the City. For all Work performed pursuant to this Agreement, the Consultant shall continuously maintain such insurance in the amounts, type, and quality as required by the Agreement.

10.4 Independent Associates and Consultants. All independent associates and consultants employed by Consultant to perform any Services hereunder shall fully comply with the insurance provisions contained in this paragraph.

11.0 COMPLIANCE WITH LAWS AND REGULATIONS

11.1 Consultant shall comply with all requirements of federal, state, and local laws, rules, regulations, standards, and/or ordinances applicable to the performance of Services under this Agreement.

12.0 REPRESENTATIONS

12.1 Consultant represents that the Services provided hereunder shall conform to all requirements of this Agreement and any Task Order, shall be consistent with recognized and sound professional planning practices and procedures; and shall conform to the customary standards of care, skill, and diligence appropriate to the nature of the Services rendered. Consultant shall perform as expeditiously as is consistent with professional skill and care and the orderly progress of the Services performed hereunder. Consultant's services shall be consistent with the time periods established under this Agreement or the applicable Task Order. Consultant shall provide City with a written schedule for services performed under each Task Order and such schedule shall provide for ample time for the City to reviews, for the performance of consultants (if any), and for the approval of submissions by authorities having jurisdiction over the services. The Consultant's designated representative shall have the authority to act on Consultant's behalf with respect to the Services. In addition, Consultant's representative shall render decisions in a timely manner in order to avoid unreasonable delay in the orderly and sequential progress of the Services. Except with the City's knowledge and consent, the Consultant shall not engage in any activity, or accept any employment, interest or contribution that would reasonably appear to compromise the Consultant's professional

judgment with respect to the Services. The Consultant shall review laws, codes, and regulations applicable to Consultant's Services. The Consultant's services shall comply with all applicable requirements imposed by all public authorities. The Consultant represents and warrants that it is familiar with, and accepts that it will perform the Services hereunder in a manner that complies with all applicable requirements of law, codes, and regulations. Consultant shall be responsible for the professional quality, technical accuracy and the coordination of all plans, studies, reports and other services furnished to the City under this Agreement. Unless this Agreement is terminated by the City, or terminated by Consultant for nonpayment of any proper invoices, or the City exercises its rights to perform the Services pursuant to under Paragraph 2.2 herein, Consultant shall be responsible for the satisfactory and complete execution of the Services described in this Agreement and any Task Order. The Consultant represents that it will carefully examine the scope of services required by the City in and Task Order, that it will investigate the essential requirements of the services required by the Task Order, and that it will have sufficient personnel, equipment, and material at its disposal top complete the services set forth in the Task Order in a good professional and workmanlike manner in conformance with the requirements of this Agreement.

12.2 Consultant represents that all principals, employees, and other personnel furnishing such Services shall be qualified and competent to perform the Services assigned to them and that such guidance given by and the recommendations and performance of such personnel shall reflect their best professional knowledge and judgment.

13.0 GUARANTEE AGAINST INFRINGEMENT

13.1 Consultant guarantees that all Services performed under this Agreement shall be free from claims of patent, copyright, and trademarks infringement. Notwithstanding any other provision of this Agreement, Consultant shall indemnify, hold harmless, and defend City, its officers, directors, employees, attorneys, agents, assigns, and servants from and against any and all liability, including expenses, legal or otherwise, for actual or alleged infringement of any patent, copyright, or trademark resulting from the use of any goods, Services, or other item provided under this Agreement. Notwithstanding the foregoing, Consultant may elect to provide non-infringing services.

14.0 DOCUMENTS

14.1 Public Records. Pursuant to Section 119.0701, Florida Statutes and other applicable public records laws, Consultant agrees that any records, documents, transactions, writings, papers, letters, computerized information and programs, maps, books, audio or video tapes, films, photographs, data processing software, writings or other material(s), regardless of the physical form, characteristics, or means of transmission, of Consultant related, directly or indirectly, to the services provided to the City under this Agreement and made or received pursuant to law or ordinance or in connection with the transaction of official business by the City, may be deemed to be a public record, whether in the possession or control of the City or the Consultant. Said records, documents, transactions, writings, papers, letters, computerized information and programs, maps, books, audio or

video tapes, films, photographs, data processing software, writings or other material(s), regardless of the physical form, characteristics, or means of transmission of Consultant are subject to the provisions of Chapter 119, Florida Statutes, and may not be destroyed without the specific written approval of the City's designated custodian of public records.

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS, THE CITY CLERK, AT (321) 433-8484, cshealy@cocoafl.org, City Clerk's Office, 65 Stone Street, Cocoa, FL 32922.

Consultant is required to and agrees to comply with public records laws. Consultant shall keep and maintain all public records required by the City to perform the services as agreed to herein. Consultant shall provide the City, upon request from the City Clerk, copies of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided by law. Consultant shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term. Upon completion of the Agreement, Consultant shall transfer to the City, at no cost, all public records in possession of the Consultant, provided the transfer is requested in writing by the City Clerk. Upon such transfer, Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. However, if the City Clerk does not request that the public records be transferred, the Consultant shall continue to keep and maintain the public records upon completion of the Agreement and shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City Clerk, in a format that is compatible with the information technology systems of the City. Should the City not possess public records relating to this Agreement which are requested to be inspected or copied by the City or any other person, the City shall immediately notify Consultant of the request and the Consultant shall then provide such records to the City or allow the records to be inspected or copied within a reasonable time. If the Consultant does not comply with a public records request, the City may enforce this Section to the extent permitted by law. Consultant acknowledges that if the Consultant does not provide the public records to the City within a reasonable time, the Consultant may be subject to penalties under Section 119.10, Florida Statutes. The Consultant acknowledges that if a civil action is filed against the Consultant to compel production of public records relating to this Agreement, the court may assess and award against Consultant the reasonable costs of enforcement, including reasonable attorney fees. All public records in connection with this Agreement shall, at any and all reasonable times during the normal business hours of the Consultant, be open and freely exhibited to the City for the purpose of examination, audit, or otherwise. Failure by Consultant to grant such public access and comply with public records laws and/or requests shall be grounds for immediate unilateral cancellation of this Agreement by the City upon delivery of a written notice of cancellation. If the Consultant fails to comply with this Section, and the City must enforce this Section, or the City suffers a third party award of attorney's fees and/or damages for violating

Chapter 119, Florida Statutes, due to Consultant's failure to comply with this Section, the City shall collect from Consultant prevailing party attorney's fees and costs, and any damages incurred by the City, for enforcing this Section against Consultant. And, if applicable, the City shall also be entitled to reimbursement of all attorneys' fees and damages which the City had to pay a third party because of the Consultant's failure to comply with this Section. The terms and conditions set forth in this Section shall survive the termination of this Agreement.

14.2. Reuse of Documents. All documents, including but not limited to, drawings, specifications, and data, or programs stored electronically or otherwise, prepared by the Consultant and its independent contractors and associates pursuant to this Agreement or related exclusively to the Services described herein shall be owned by the City and may be reused by the City for any reason or purpose at anytime. However, the City agrees that the aforesaid documents are not intended or represented to be suitable for reuse by the City or others on any undertaking other than the Work outlined in this Agreement. Any reuse for an undertaking other than for the Work without verification or adaptation by the Consultant, or its independent contractors and associates if necessary, to specific purposes intended will be at the City's sole risk and without liability or legal exposure to the Consultant.

14.3. Ownership of Documents. The City and the Consultant agree that upon payment of fees due to the Consultant by the City for a particular design, report, inventory list, compilation, drawing, specification, model, recommendation, schedule or otherwise, said design, report, inventory list, compilation, drawing, specification, technical data, recommendation, model, schedule and other instrument produced by the Consultant in the performance of this Agreement, or any Work hereunder, shall be the sole property of the City, and the City is vested with all rights therein. The Consultant waives all rights of copyright in said design, report, inventory list, compilation, drawing, specification, technical data, recommendation, model, schedule and other instrument produced by the Consultant in the performance of this Agreement, and hereby assigns and conveys the same to the City whether in the possession or control of the Consultant or not.

14.4. Preexisting Ownership Rights to Documents. Notwithstanding any provisions to the contrary contained in this Agreement, Consultant shall retain sole ownership to its preexisting information not produced and paid for by the City under this Agreement including, but not limited to computer programs, software, standard details, figures, templates and specifications.

15.0 ASSIGNMENT

15.1 Consultant shall not assign or subcontract this Agreement, any Task Order hereunder, or any rights or any monies due or to become due hereunder without the prior, written consent of City.

15.2 If upon receiving written approval from City, any part of this Agreement is subcontracted by Consultant, Consultant shall be fully responsible to City for all acts and/or omissions performed by the subcontractor as if no subcontract had been made.

15.3 If City determines that any subcontractor is not performing in accordance with this Agreement, City shall so notify Consultant who shall take immediate steps to remedy the situation.

15.4 If any part of this Agreement is subcontracted by Consultant, prior to the commencement of any Work by the subcontractor, Consultant shall require the subcontractor to provide City and its affiliates with insurance coverage as set forth by the City.

16.0 INDEPENDENT CONTRACTOR

16.1 At all times during the term of this Agreement, Consultant shall be considered an independent contractor and not an employee of the City.

17.0 DEFAULT BY CONSULTANT AND CITY'S REMEDIES

17.1 The City reserves the right to revoke and terminate this Agreement and rescind all rights and privileges associated with this Agreement, without penalty, in the following circumstances, each of which shall represent a default and breach of this Agreement:

a. Consultant defaults in the performance of any material covenant or condition of this Agreement and does not cure such other default within thirty (30) calendar days after written notice from the City specifying the default complained of, unless, however, the nature of the default is such that it cannot, in the exercise of reasonable diligence, be remedied within thirty (30) calendar days, in which case the Consultant shall have such time as is reasonably necessary to remedy the default, provided the Consultant promptly takes and diligently pursues such actions as are necessary therefor; or

b. Consultant is adjudicated bankrupt or makes any assignment for the benefit of creditors or Consultant becomes insolvent, or is unable or unwilling to pay its debts; or

c. Consultant has acted grossly negligent, as defined by general and applicable law, in performing the Services hereunder; or

d. Consultant has committed any act of fraud or any other unlawful act upon the City or another party; or

e. Consultant has made a material misrepresentation of fact to the City while performing its obligations under this Agreement.

3. Approve on First Reading Ordinance No. 02-2019: Amending City Code of Ordinances: Chapter 3.5 Alarm Systems, Alarm Fees, Penalties, Chapter 6-502 Owners to Post Numbers, Chapter 13.5 Outdoor Fires and Chapter 20 Traffic (fire lane). (19-84). (Fire Chief)

- **Approved. Advertisement for Second Reading to be handled by the City Clerk's office.**

MULTI-YEAR CONTRACTS:

4. Approve Participation in a Cooperative Purchase Agreement with Insituform Technologies, LLC for Cured in Place (CIPP) Pipe Rehabilitation Services and Sanitary Sewer Mid-Term Cleaning & CCTV Inspections of Main Line Sewers Utilizing City of Daytona Beach Contract No. 0118-2600 Effective February 7, 2019 through February 6, 2020. (19-64). (Utilities Director)

- **Approved.**

5. Approve a Multi-Year Continuing Service Agreement for Professional Services with Stantec Consulting Services, Inc. waiving the competitive bid process, in accordance with Section 15.4 of the Financial Operation Manual, as being in the best interest of the City. (19-96). (Finance Director)

- **Approved. Final Agreement to be executed and distributed as necessary.**

6. Approve a multi-year Professional Services Agreement between the City of Cocoa and S&ME, Inc. to provide professional planning services on a task order basis as well as approve a budget amendment to transfer funds from 001-1600-513.39-00 (Contingency) to Community Services 001-3200-515.31-00 (Professional Services) and 001-3200-515.34-00 (Contract Services) for professional planning services and contract building services. (19-104). (City Manager)

- **Approved. Resolution and Budget Amendment to be executed and distributed as necessary and the Final Agreement to be executed and distributed and necessary.**

7. Approve a multi-year Agreement and lease with the Florida Historical Society to lease real property located at 2201 Michigan Ave., Cocoa, Florida 32926 (Brevard Museum site) owned by the City and approve a previously executed lease

Embedded Secure Document

The file *https://cocoa.legistar.com/View.ashx?M=F&ID=8088103&GUID=B95370A0-FE49-4692-A841-2897B563896A* is a secure document that has been embedded in this document. Double click the pushpin to view.



Legislation Details (With Text)

File #:	20-87	**Version:** 1	**Name:**		
Type:	Resolution		**Status:**	Multi-Year Contract	
File created:	2/3/2020		**In control:**	City Council	
On agenda:	2/26/2020		**Final action:**		
Title:	Approve a Sole Source Resolution and Execute a Multi-Year Premier Power Services Contract between the City of Cocoa and Duke Energy Florida, LLC (Duke). (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	City of Cocoa - Premier Power Service Contract - Partially Executed.pdf 20-87 Single Source Resolution.doc				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 3, 2020
Agenda Date: February 26, 2020
Prepared By: Katherine Ennis, P.E., Utilities Deputy Director
Through: John A. Walsh, P.E., Utilities Director
Requested Action:
Approve a Sole Source Resolution and Execute a Multi-Year Premier Power Services Contract between the City of Cocoa and Duke Energy Florida, LLC (Duke)

BACKGROUND:

Currently there are two (2) 1750-KW generators located at the Dyal Water Treatment Facility that provide back-up power to the plant in the event the normal power supply is interrupted. These generators serve a critical role in ensuring potable water is available to the Cocoa service area. Not only are the generators necessary for potential natural and manmade disasters, but utilized on a daily basis if needed to provide continuous power. During summer months this is especially critical as numerous lightning storms have impacts on continuous and conditioned power supply.

The current generators are at the end of their useful lives and the department has been researching different options to replace this critical infrastructure. Staff compared two different options to replace the current generators: the first option is to purchase two (2) new generators and to operate and maintain with City staff and vendors, and the second option is to contract with Duke Energy Florida, LLC (Duke) to provide back-up generator services for a monthly fee of $36,140 over a contract period of 10 years. The Duke option would have generator power located at the plant but owned, operated, maintained, and monitored 24/7 by Duke. The monthly fee would not start until the generators are installed and operational which is currently estimated to be fall of 2020 (FY20) or possibly next fiscal year depending on the construction, testing and start up time.

In order to pay for the expenses associated with the Duke contract, the existing service contracts for preventative maintenance and repairs can be discontinued, and the funding reassigned to Duke for FY2020. If construction, testing & startup is completed in FY20, there is adequate budget in place to cover costs for 1-3 months. All funding for future services will be budgeted annually within the appropriate operating account at the Dyal Plant and subject to future annual appropriation approvals from Council.

Staff performed a cost benefit analysis and determined that the Duke option was a more cost-effective option and didn't require any upfront capital investment. The upfront capital investment to replace the existing generators would be approximately $3,000,000 and annual maintenance costs. The Duke option would also allow the plant to reallocate staff time to more water production focused tasks. A sole source procurement method is recommended for this purchase because Duke Energy is the only company that can provide the preventative maintenance services along with having direct control of the power grid & thus has the ability to monitor energy flows and to react quickly in the event of a power loss to the Dyal plant.

Staff recommends that City Council authorize the execution of the Multi-Year Premier Power Services Contract for a time period of 10 years between the City of Cocoa and Duke Energy Florida, LLC, by way of Sole Source.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	N/A

All funding for future services will be budgeted within the appropriate operating account at the Dyal Plant and subject to future annual appropriation approvals from Council, offset by a reduction in other preventative maintenance costs for the generators.

PREVIOUS ACTION:

N/A

RECOMMENDED MOTION:

Approve a Sole Source Resolution and Execute a Multi-Year Premier Power Services Contract between the City of Cocoa and Duke Energy Florida, LLC (Duke)

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PREMIER POWER SERVICE CONTRACT

The undersigned City of Cocoa, a Florida municipal corporation (hereinafter "the Customer") hereby applies to Duke Energy Florida, LLC (hereinafter "the Company") for backup electric services to the Customer's **Claude H. Dyal Water Treatment Plant** facility at **28400 State Road 520, Christmas, Florida 32709** (hereinafter "the Customer's Facility") located in Orange County, Florida., to be provided by an on-site generator installed, owned, operated and maintained by the Company for the purpose of continuing the supply of electricity to the Customer's Facility in the event the Customer's normal electric supply is interrupted and assisting the Company in meeting peak demands on the Company's system during periods of critical capacity conditions (hereinafter "the Services"). The Services shall be rendered in accordance with the terms of the Company's Premier Power Service Rider, Rate Schedule PPS-1 (hereinafter "the PPS Rider," which is hereby incorporated into this Contract by this reference), as approved or subsequently revised by the Florida Public Service Commission, which is hereby incorporated into this Contract by this reference (a copy of the currently effective PPS Rider is attached hereto, **("Attachment B")**, and the following terms and conditions:

1. **Effective Date**

This Contract shall become effective upon the acceptance hereof by the Company, evidenced by the signature of its authorized representative appearing below, which, in conjunction with the PPS Rider and, subject to the terms of this Contract, the technical specifications described in the Company's proposal letter dated **March 1, 2020 ("Attachment A")**, shall constitute the entire agreement between the Customer and the Company with respect to provision of the Services. In the event of any conflict between the Company's proposal letter and the PPS Rider, in conjunction with this Contract, the PPS Rider, in conjunction with this Contract shall prevail.

2. **Term of Contract**

The term of this Contract is from _____, **2020**, or from the date the Services are first provided hereunder, whichever is later and continuing until one hundred twenty **(120)** months after the date Services are first provided.

3. **Customer Payments**

The Customer's Monthly Service Payment determined in accordance with the PPS Rider shall be **$36,140.00**, exclusive of present or future federal, state, municipal or other sales, use, gross receipts, or property tax, or similar charge with respect to the Services, which the Customer shall also pay. If the Customer fails to pay any amount owed the Company hereunder when due, such past due amounts shall accrue interest at the rate of 18% per annum or the maximum legal rate, whichever is lower. Further if the Customer fails to make any undisputed payment owed the Company hereunder within five (5) business days of receiving written notice from the Company that such payment is past due, the Company may suspend the Services to the Customer. In the event that the Customer fails to pay any past due amounts for a period of sixty (60) days, the Company shall have the right to access and remove the facilities at the Customer's expense. In such a circumstance, the Customer shall be responsible for paying a Termination Fee as more fully described in Section 8 below. Additionally, the Customer shall be liable to the Company for any attorney fees or other costs incurred in collection of this payment or any other amount due under this Contract. The Customer's obligations under this Section 3 shall survive the termination or cancellation of this Contract.

4. **Provision of Services and Installation Schedule**

The Company shall furnish labor, supervision, equipment, materials and transportation reasonably necessary to provide the Services. The Company shall be entitled to rely on the accuracy of any information provided by the Customer, which information is warranted by the Customer to be accurate and correct. Such information shall include, but is not limited to, the information the Customer is required to provide as described in Section 5 below. In the event of any unforeseen difficulties in performance of the Services due to conditions at the work site or due to the inaccuracy of any information relied upon by the Company, the Customer shall be liable and reimburse the Company for any increased costs or expenses incurred by the Company as a result of such difficulties, and the Monthly Service Payment, the Company's proposal letter, and Contract Term shall be equitably adjusted to compensate Company for any additional or increased work or time the Company may be required to incur. The Company shall exercise commercially reasonable efforts to commence the Services. The completion schedule for providing the Services shall be equitably adjusted to compensate the Company for any such unanticipated delays or delays to the installation or startup of the facilities for any reasons beyond the fault and neglect of the Company.

(Continued on next page)

5. **Customer Responsibilities**

The Customer shall provide a location on its premises for installation of the Company's facilities, any necessary access to the work site, as well as a reasonable lay-down area to perform the Services. Further, the Customer shall, so long as is necessary to provide the Services, provide access to the Company, upon reasonable notice to Customer (except in the case of an emergency, declared by the Company, in its sole discretion, in which case the Customer agrees that the Company has permission to access the Company's facilities without any prior notice to the Customer), for operation, maintenance and repair of the Company's facilities. Accordingly, the Customer shall be obligated, at its sole expense, to keep the premises on which the Company's facilities are located free and clear of anything that may impair the operation, maintenance and repair of such facilities or cause damage to the Company's facilities. In the event that the Customer fails to keep the premises on which the Company's facilities are located free and clear as described herein, the Company shall provide notice to the Customer of the Customer's failure to do so. If the Customer has not fully satisfied its obligation as described herein within five (5) business days of its receipt of such notice, the Company may either (i) suspend the Services to the Customer or (ii) clear the premises on which the Company's facilities are located on of anything that may impair the operation, maintenance and repair of such facilities. In the event that the Company chooses option (ii) above, the Customer shall be liable and reimburse the Company for all costs associated with the work performed.

Any delays or additional cost incurred by Company because of inadequate access to the work site shall be grounds for an equitable adjustment in the schedule and the Monthly Service Payment. The Company shall have the right to suspend the Services or adjust the schedule accordingly in the event that there is inadequate access to the work site, or if any required information is not promptly provided, or in the event that the safety of any person or property might be jeopardized by continuing with the Services. The Customer shall provide, at no cost to the Company, any plans, specifications, drawings or information that may be necessary or useful in the performance of the Services. The Customer will ensure that all Occupational Safety and Health Act requirements are adhered to for the area where any Company equipment in support of the Services is to be based. In the event of damage to Company owned equipment that is caused by the Customer or the Customer's agents, or any other cause not due to the fault or neglect of the Company the Customer agrees to pay all repair or replacement costs associated with the damage.

6. **Permits and Regulatory Requirements**

Other than acquiring its general business license, which the Company shall obtain and maintain, the Customer shall be responsible for obtaining any license or permit required of the Company in the Company's name to enable it to provide the Services. The Customer assumes the risk and responsibility for such compliance (including any changes to such requirements), and for securing such permits, licenses, and approvals from the proper authorities, and for paying any associated costs or fees should compliance with any laws, rules, regulations, or ordinances of any federal, state, or local authority, or of any agency thereof (including, but not limited to, certification to do business as a foreign corporation) require any changes in the Services; or should any permits, licenses, or approvals of plans and specifications for the Services or should any permits, licenses, or approvals for the installation or use thereof be required.

7. **Installed Equipment**

The Customer agrees that any equipment installed on the Customer's premises for the express purpose of providing the Services is and will remain the sole property of the Company until such time as the Customer may wish to exercise its purchase rights set forth in Section 9 below. The Company reserves the right to modify or upgrade equipment as the Company deems necessary, in its sole discretion, for the continued supply of these Services. If equipment modifications or upgrades are requested by the Customer, however, any such modifications or upgrades will be at the Customer's expense.

8. **Early Termination of Contract**

The Customer has the right to terminate this Contract before the entire Contract Term has expired, provided that the Customer a) notifies the Company in writing a minimum of 60 days prior to termination of the Services and b) pays a Termination Fee. The Termination Fee will be calculated by taking the sum of the Customer's payments remaining in the Contract Term, adding an estimated removal cost, and subtracting therefrom the sum of avoided costs, including but not limited to maintenance costs, if any, and the estimated salvage value as reasonably determined by the Company. In the event of any termination of this Contract before the end of the Contract Term, the Company shall also be compensated for all Services provided to Customer prior to the effective date of termination, and for all costs reasonable incurred by the Company in preparation for the providing of Services prior to the effective date of any termination of this Contract or any termination of Services being provided pursuant to this Contract.

9. **End of Contract**

At the end of the Contract Term the Customer shall have the option to a) renew the terms of this Contract for an agreed upon period at an agreed upon price between the Company and the Customer, b) purchase equipment, if any, that has been installed on Customer's premises at an agreed upon price, or c) terminate this Contract which will require removal of any equipment owned and installed by the Company for the purpose of providing the Services. If the Company does not receive Customer's written confirmation as to which option is being selected within 60 days prior to the end of the Contract Term or if options (a) or (b) are selected but the parties have failed to reach agreement upon the renewal term or the price to be paid, Customer will be deemed to have selected option (c) to terminate.

(Continued on next page)

10. **Warranty**

The Company warrants that Services shall be performed in accordance with generally accepted industry practices. THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE, AND NO OTHER WARRANTY OR REMEDY OF ANY KIND, WHETHER STATUTORY, WRITTEN, ORAL, EXPRESS, OR IMPLIED, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, SHALL APPLY.

The Customer warrants that the premises on which the Company's facilities are to be located is suitable for the location of such facilities. The Customer further warrants that the placing of such facilities on such premises complies with all laws, rules, regulations, ordinances, zoning requirements or any other federal, state or local governmental requirements.

11. **Limitation of Liability and Indemnification**

Notwithstanding anything herein to the contrary, neither the Company nor its employees, its subcontractors or suppliers shall be liable for any direct, indirect, general, special, incidental, exemplary, or consequential loss or damage of any nature arising out of their performance or non-performance hereunder. Further, notwithstanding anything herein to the contrary, in no event shall the Company's liability arising out of or in connection with the performance or non-performance of the Services exceed the Customer's payments received by the Company pursuant to Section 3 above. The provisions of this Section 11 shall apply whether such liability arises in contract, tort (Including negligence), strict liability or otherwise.

The Customer shall arrange its electrical requirements to ensure that the electrical requirement to be supplied when normal service is interrupted will not be greater than the generation capacity. Accordingly, in no event shall the Company be liable for any claims, damages, cost, expenses or causes of action arising out of the failure of the Customer to so arrange its electrical requirements. Further, the Customer shall indemnify, defend and hold harmless the Company from any claims, liabilities, obligations, damages, costs and expenses (including, but not limited to, reasonable attorney's fees) or causes of action of whatsoever kind or nature for injury or death to any person and for damage to or destruction of property, to the extent resulting from the failure of the Customer to so arrange its electrical requirements.

12. **Force Majeure**

Except for the Customer's obligation to pay the Company any sum of money owed the Company hereunder, neither party shall be liable for its failure to perform hereunder if such failure is due to any act or circumstance beyond the reasonable control, and not due to the fault or neglect of, of the party claiming the event of force majeure including, but not limited to the following acts or circumstances: (i) act(s) of God, (ii) war or wars, (iii) government regulation by a governmental authority having jurisdiction (including, but not limited to, any law, rule, order, proclamation, regulation, ordinance, demand, or requirement of any governmental agency), (iv) act(s) or threatened act(s) of terror, including, but not limited to any acts by organized groups of terrorists or any acts of a public enemy (v) disaster(s) (including, but not limited to, hurricane, tornado, tropical storm, earthquake, or major storm), (vi) any pandemic, epidemic, pestilence, plague, or outbreak, (vii) strike, lockout, or industrial disputes, (viii) civil disorder, riot, or disturbance of the peace, (ix) any third party act for which the party who fails to perform is not responsible, or (x) any other condition or circumstance, whether similar to or different from the foregoing (it being agreed that the foregoing enumeration shall not limit or be characteristic of such conditions or circumstances) beyond the reasonable control and fault of the party claiming the force majeure event.

In the event that either party is rendered unable, wholly or in part, by reason of an event of force majeure to perform any obligations set forth in the Contract, other than the Customer's obligation to pay a sum of money owed hereunder to the Company, then such party shall give the other party written notice and reasonably full particulars of such event as soon as practicable after the occurrence thereof, and thereafter, the obligations of both parties shall be suspended to the extent and for the period of such force majeure condition and such cause shall be remedied with all reasonable dispatch. Settlement of strikes and lockouts shall be entirely within the discretion of the party affected and the requirement that any event of force majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes or lockouts by acceding to the demands of the parties directly or indirectly involved in such strikes or lockouts when such course is inadvisable in the discretion of the party having such difficulty.

To the extent the force majeure event causes a delay or an increase in costs or expenses to the Company, the Customer shall be liable to the Company for all increased costs and expenses incurred by the Company as a result of such force majeure event. In no event shall the Company be responsible for any damages arising out of any failure to perform or delay arising as a result of such force majeure event.

13. **Non-Waiver**

The failure of either party to insist upon the performance of any term or condition of this Contract or to exercise any right hereunder on one or more occasions shall not constitute a wavier or relinquishment of its right to demand future performance of such term or condition, or to exercise such right in the future.

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14. **Regulatory Authority and Governing Law**

The Services provided under this Contract are subject to the regulatory authority of the Florida Public Service Commission (hereinafter "the FPSC"), and shall also be governed by the laws of the State of Florida. This Contract is subject to changes or substitutions, either in whole or in part, made from time to time by order of the FPSC, and each party to this Contract reserves the right to seek approval of such changes or substitutions, in accordance with law, from the FPSC. Unless specified otherwise, any such changes or substitutions shall become effective immediately and shall nullify all prior provisions in conflict therewith.

15. **Dispute Resolution**

The Company and the Customer shall endeavor to resolve any claim or other matter in question between the parties to this Contract arising out of or related in any way to this Contract by negotiation or mutual agreement. The Florida Public Service Commission and/or a court of competent jurisdiction in the State of Florida only, as may be applicable under controlling law, shall decide any unresolved claim or other matter in question between the parties to this Contract arising out of or related in any way to this Contract, with the Florida Public Service Commission and/or such court having sole and exclusive jurisdiction over any such matters. In no event will any such claim be submitted to arbitration, or to a court in any other jurisdiction, without the express written consent of both Parties.

16. **Entire Agreement**

The Contract constitutes the entire understanding between the Company and the Customer relating to the subject matter hereof, superseding any prior or contemporaneous agreements or understanding between the parties. The parties shall not be bound by or be liable for any statement, prior negotiation, correspondence, representation, promise, draft agreements, inducement or understanding of any kind or nature not set forth or provided for herein. No prior course of dealing, usage of trade or course of performance shall be used to supplement or explain any term, condition, or instruction used in this Contract.

17. **Modification**

No statements or agreements, oral or written, made prior to the date hereof, shall vary or modify the written terms set forth herein and neither party shall claim any amendment, modification or release from any provision hereof by reason of a course of action or mutual agreement unless such agreement is in writing, signed by both parties and specifically states it is an amendment to this Contract.

18. **Severability**

In the event any provision, or any part or portion of any provision of this Contract shall be deemed or defined by any law or order any court or any governmental agency, or regulatory body having jurisdiction over either party, or held or declared by a court of competent jurisdiction to be unlawful, invalid, void or otherwise unenforceable, the rights and obligations of the parties shall be reduced or abated only to the extent required to remove or cure such illegal or unenforceable portion, so long as the Contract is not affected in a manner or to the extent which would render it economically, technically, materially, or commercially infeasible to either party.

IN WITNESS WHEREOF, the parties have duly executed this Contract.

City of Cocoa, a Florida municipal corporation	**Duke Energy Florida, LLC**
By:_____	By: Melisa B. Johns
Name:_____	Name: **Melisa B. Johns**
Title:_____	Title: **Vice President**
Date:_____	Date: 2/11/20

Attachment A

Proposal

March 1, 2020

Premier Power Scope:

The Company will provide the design, engineering, labor, supervision, equipment, materials, and such other Services as may be necessary to operate and maintain the backup generation system as described below:

- **The Company will furnish and install:**
  - **One (1) 2,500kW, four (4) Engine Generation System ("System")**
    - **The System will be EPA Tier 4 Final certified.**
    - **The System will be housed within level II sound attenuated enclosures.**
    - **One (1) 5000A 600V Output Breaker included.**
    - **48-hour Underwriters Laboratories ("UL") 142 sub-base fuel tanks included.**
    - **Woodward and SEL devices for control and protection included.**
    - **The 2,500kW 4 engine System will be expandable to 3,125kW.**
  - **One (1) 5000kVA 600V-4,160V Step-Up, Pad-Mounted, Transformer.**
  - **One (1) Medium Voltage 5kV Automatic Transfer Switchgear enclosed within a NEMA 1 enclosure.**
    - **Space in the enclosure will be included for Company provided current transformers and potential transformers for revenue metering.**
    - **One (1) Master Control included.**
    - **One (1) Human-Machine Interface ("HMI") touchscreen interface included.**
    - **DC Battery system included.**
- **The Company shall maintain 24-hour continuous remote monitoring and service dispatch.**
  - **In the event an issue occurs with the System, the Company shall notify the Customer of the issue and inform the Customer as repairs to the System progress.**
  - **In the event a lower level issue occurs that does not impact the operation or performance of the System, the Company shall use commercially reasonable efforts to resolve the issue within days.**
  - **In the event an issue occurs that impacts the operation or performance of the System, the Company shall use commercially reasonable efforts to have a technician visit the Customer's facility within two (2) hours.**
    - **If the Company is unable to resolve the issue during the visit, the Company and the Customer shall mutually agree on a solution and time frame for the Company to resolve the issue.**
    - **In the event the Company determines the use of temporary backup generator rental(s) is necessary due to the time frame required to repair the System, the Customer shall not be responsible for the cost of the temporary backup generator rental(s).**
- **The Company shall be responsible for annual maintenance services by qualified technicians for the term of this Contract.**
- **Notwithstanding Section 6 of the Premier Power Service Contract, Customer agrees that the Company will obtain all necessary permits to operate and maintain the equipment over the term of this Contract.**
- **Consistent with Florida law, Section 11 of the Premier Power Service Contract shall not apply in instances of gross negligence or intentional misconduct by the Company.**

Value Proposition:

The equipment will be owned, operated, maintained and monitored 24/7 by the Company.

The Company shall provide the Customer with documentation of annual preventative maintenance that is performed on the System. The Company shall provide the Customer with email and local direct telephone contacts for the Company.

The Customer's Monthly Service Payment is $36,140.00 (Thirty-Six Thousand, One Hundred Forty and No/100ths Dollars) per month for the one hundred twenty (120) months' Contract duration. At the end of one hundred twenty (120) months the Customer may:

a. **Request an extension to the Contract;**
b. **Purchase the System and other equipment at fair market value; or**
c. **Request the Company to remove the System and other equipment at the end of the Contract term.**

Customer Responsibilities:

The Customer will provide an adequate easement for the location of the System and other Company facilities and equipment upon request of the Company.

DUKE ENERGY.

RATE SCHEDULE PPS-1
GENERAL SERVICE – PREMIER POWER SERVICE RIDER

Availability:

Available throughout the entire territory served by the Company.

Applicable:

This Rider is applicable on a voluntary basis to a customer with a minimum measured demand of 50 kW taking service under non-residential Rate Schedules GS-1, GST-1, GSD-1, GSDT-1, GSLM-1, CS-1, CS-2, CS-3, CST-1, CST-2, CST-3, IS-1, IS-2, IST-1, or IST-2 when the customer contracts with the Company to own, install, operate and maintain generation on the customer's premises for the primary purpose of providing a back-up supply of electric service in the event normal electric supply is interrupted. The applicable non-residential Rate Schedule with which this Rider is used is modified only as required by the terms hereof.

Character of Service:

Continuous service, alternating current, 60 cycle, single-phase or three-phase, at the Company's standard distribution voltage available.

Limitation of Service:

Standby or resale service is not permitted hereunder. Service under this rate is subject to the Company's currently effective and filed "General Rules and Regulations Governing Electric Service."

Monthly Service Payment:

The Monthly Service Payment under this Rider is in addition to the monthly rate determined under the applicable non-residential Rate Schedule and other riders, if applicable, and shall be calculated based on the following formula:

Monthly Service Payment = Capital Cost + Expenses

Where:

Capital Cost equals a carrying cost times the levelized plant investment based upon the estimated installed cost of facilities. The carrying cost includes the cost of capital, reflecting current capital structure and most recent approved return on common equity; income taxes; property taxes; general plant; administrative and general plant-related expenses; and intangible plant. Any replacement cost expected to be incurred during the Contract Period will also be included. Any special equipment installed by the Company that is not necessary to support back-up service to the customer shall not be included in the Monthly Service Payment.

Expenses shall be levelized over the Contract Term and shall include: Company operations and maintenance (O&M) expenses times a carrying cost that is inclusive of administrative and general and labor expenses related to O&M and cash working capital; third-party expenses for operations and maintenance, warranties, or insurance; fuel expense, based upon an estimate of the cost of fuel consumed for normal back-up operation and testing, less a credit based upon the system average cost of fuel and purchased power included in retail tariffs; inventory cost associated with fuel, materials, and supplies times a carrying cost that recovers the cost of capital and income taxes, depreciation expense, adjusted for the estimated salvage value at the end of the Contract Term; deferred income taxes; and customer accounting, customer service and information, program administration, and sales expenses. Any expenses incurred in operating the on-site generation for other than normal back-up operation and testing shall not be included in the Monthly Service Payment.

Installation cost will be recovered over the initial Contract Term. Pricing of capital-related costs and expenses shall be based upon no shorter than 10 years from the equipment's original in-service date and the resulting Monthly Service Payment shall include an upward adjustment for Contract Terms that expire prior to 10 years from this in-service date.

(Continued on Page No. 2)

RATE SCHEDULE PPS-1
GENERAL SERVICE – PREMIER POWER SERVICE RIDER

(Continued from Page No. 1)

Definition of Services:

Services provided under the terms of this Rider shall be provided by an on-site generator supplied by the Company for the purpose of continuing the supply of electricity to the customer's site in the event the normal electric supply is interrupted. In cases where the customer's total electric requirement exceeds the generation capability, the customer shall arrange its electrical requirements to ensure that the electrical requirement to be supplied when normal service is interrupted will not be greater than the generation capacity. The minimum generator capacity supplied by the Company under this rider shall be not less than 50 kW.

The Company shall have the right to operate the on-site generator at all times it deems appropriate, including, but not limited to, for the purposes of testing of the generator to verify that it will operate within required parameters, and dispatching the generator to assist in meeting system demand or for other system benefits. The generator and appropriate transfer switching shall be electrically connected on the Company's side of the billing meter; therefore, billing for generation provided during normal back-up operation and testing shall continue to be billed under the applicable non-residential Rate Schedule based solely upon consumption registered on the Company's billing meter.

Minimum Monthly Bill:

The minimum monthly bill shall be the customer's minimum bill under the applicable non-residential Rate Schedule, plus the Monthly Service Payment under this Rider.

Terms of Payment:

Bills rendered hereunder are payable within the time limit specified on the bill at Company-designated locations.

Term of Service:

Service under this Rider shall be for the term specified in the Premier Power Service Contract.

Service Contract:

The Company and the customer shall execute a Premier Power Service Contract that will state the amount of the customer's Monthly Service Payment determined in accordance with this Rider, the Contract Term, and other terms and conditions pertinent to providing Premier Power Service.

Legislation Details (With Text)

File #:	20-109	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	2/10/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	FY 2020 Budget Adjustment Report. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	January FY 2020 EXPENSE Budget Tracking Worksheet.pdf January FY 2020 REVENUE Budget Tracking Worksheet.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 10, 2020
Agenda Date: February 26, 2020
Prepared By: Anthony Hagan / Grants Administrator
Through: Rebecca Bowman, MBA, CGFO, CGFM Finance Director
Requested Action:
FY 2020 Budget Adjustment Report

BACKGROUND:

Pursuant to the Cocoa City Charter, Article XII, Section 5.b., the following report details the budget adjustments that were approved in Fiscal Year 2020 thru January 31, 2020.

STRATEGIC PLAN CONNECTION:

The information contained in this report provides to stakeholders increased transparency related to budget adjustments.

BUDGETARY IMPACT:

None

PREVIOUS ACTION:

None

RECOMMENDED MOTION:
Information Item Only

FY 2020 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 1/31/2020

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
1100 - CITY MANAGER'S OFFICE					
12/30/19	001-1100-512.41-00	433	CITY MANAGER'S AIR CARD WAS NOT BUDGETED		1207
1	Budget Amendments/Transfers		Division 1100 Total	$433	
1103 - INFORMATION TECHNOLOGY					
11/22/19	001-1103-516.64-15	27,402	PO 74683 / EMPIRE COMP FY20 PO ROLLOVER		722
	001-1103-516.42-00	125	PO 75059 / GRANICUS FY20 PO ROLLOVER		722
	001-1103-516.52-00	4,375			
	001-1103-516.46-00	9,100	PO 75119 / CDW GOV INC FY20 PO ROLLOVER		722
	001-1103-516.52-00	21,079	PO 75131 / KRONOS FY20 PO ROLLOVER		722
12/30/19	001-1103-516.41-00	(433)	CITY MANAGER'S AIR CARD WAS NOT BUDGETED		1207
5	Budget Amendments/Transfers		Division 1103 Total	$61,648	
1190 - LEISURE SERVICES					
12/30/19	001-1190-574.34-00	(500)	PUMPKINS - 2019 FALL FEST		1207
	001-1190-574.48-00	500			
1	Budget Amendments/Transfers		Division 1190 Total	$0	
1600 - GENERAL OPERATIONS					
11/13/19	001-1600-513.39-00	(11,983)	ADD POLICE HYBRID PWR TRN TO 6 NEW PD INTERCEPTORS		635
11/22/19	001-1600-513.31-00	5,775	PO 73903 / INTEGRITY PUB FY20 PO ROLLOVER		722
	001-1600-513.31-00	2,840	PO 75129 / SUPERION LLC FY20 PO ROLLOVER		722
12/11/19	001-1600-513.39-00	(47,000)	LABOR GRIEVIANCE SETTLMNT AGENDA 19-611 12/11/19		1098
	001-1600-513.49-00	47,000			
	001-1600-513.39-00	(19,937)	SEC 108 LOAN SUBSIDY FEE JOE LEE SMITH CTR CONST		1106
	001-1600-581.91-08	19,937			
12/30/19	001-1600-513.49-00	(1,760)	MR INVOICE CHANGE "TOTAL DUE" WHEN PRINTED		1207
	001-1600-513.34-00	1,760			
01/09/20	001-1600-513.31-00	(1,500)	ADD FNDS FOR FLEET MAINT NOT BUDGTD		1349
	001-1600-513.46-03	1,500			
	001-1600-513.31-01	(435,973)	CORR ACCT # FOR LEGAL EXPENSES / CITY ATTORNEY		1347
	001-1600-514.31-01	435,973			
	001-1600-513.23-00	(441,812)	CORR ACCT # FOR RETIREE INSURANCE		1348

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
01/09/20	001-1600-513.23-02	441,812	CORR ACCT # FOR RETIREE INSURANCE		1348
01/24/20	001-1600-513.39-00	(5,969)	ADD FNDS ARBITRAGE PO 75815 / INTEGRITY FIN		1554
	001-1600-513.31-00	2,494			
	001-1600-513.31-00	3,475			
	001-1600-513.31-00	(2,840)	CORR ACCT # FOR PO 75129 SUPERION / PO TEMPLATE		1553
	001-1600-513.34-00	2,840			
	001-1600-513.39-00	(1,865)	CORR NEG BAL IN ACCT FROM BA20-013T / PO 75968		1553
	001-1600-513.49-00	1,865			
	001-1600-513.39-00	(40,000)	FULL COST OF FY 19 AUDIT		1555
	001-1600-513.32-00	40,000	FULL COST OF FY19 AUDIT		1555
14	Budget Amendments/Transfers			Division 1600 Total ($3,368)	
1601 - EMERGENCY/DISASTER SVS					
11/22/19	001-1601-525.34-00	32,000	PO 73904 / EAST C FL PLAN FY20 PO ROLLOVER		722
1	Budget Amendments/Transfers			Division 1601 Total $32,000	
2100 - POLICE ADMIN/OPERATIONS					
10/09/19	001-2100-521.31-00	50,000	BA #20-001-A - PLANNING SVCS FOR COCOA PD		238
10/23/19	001-2100-521.52-11	22,166	BA #02-002-A - ACCEPT JAG GRANT FOR PD FOR FY20		312
	001-2100-521.52-12	10,507	BA #02-003-A - ACCEPT BVP GRANT FOR PD FOR FY20		312
	001-2100-521.52-00	(12,951)	BA #20-004-P - MOVE GRANT MATCH BUDGET TO NEW ACCT		313
	001-2100-521.52-00	15,389			
11/13/19	001-2100-521.64-00	11,983	ADD POLICE HYBRID PWR TRN TO 6 NEW PD INTERCEPTORS		635
11/22/19	001-2100-521.42-00	25	PO 74134 / ONE BEAT CPR FY20 PO ROLLOVER		722
	001-2100-521.52-00	7,700			
	001-2100-521.64-00	6,164	PO 74411 / DANA SAFETY FY20 PO ROLLOVER		722
12/30/19	001-2100-521.52-00	(15,389)	CORR BAF 20-004 CORR ACCT #		1207
	001-2100-521.52-12	15,389			
01/09/20	001-2100-521.46-00	(933)	JAG GRANT COSTS INCREASED PO 75782 / EMPIRE COMP		1349
	001-2100-521.52-11	933			
	001-2100-521.56-15	(3,000)	VOCA GRANT / CORR PROJ # FOR FY20 GRANT MATCH		1345
	001-2100-521.52-00	(2,926)			
	001-2100-521.51-00	(2,000)			
	001-2100-521.41-00	(1,580)			
	001-2100-521.47-00	(1,157)			
	001-2100-521.47-00	1,157			
	001-2100-521.41-00	1,580			
	001-2100-521.51-00	2,000			
	001-2100-521.52-13	2,926			
	001-2100-521.56-15	3,000			
10	Budget Amendments/Transfers			Division 2100 Total $110,983	

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
2101 - POLICE COMMUNICATIONS					
10/23/19	001-2101-521.46-00	(2,438)	BA #20-004-P - MOVE GRANT MATCH BUDGET TO NEW ACCT		313
1	Budget Amendments/Transfers		Division 2101 Total	($2,438)	
2132 - CODE ENFORCEMENT					
11/22/19	001-2132-524.46-03	(231)	COVER OVERAGE DUE TO HYBRID VEHICLE PURCHASE		724
	001-2132-524.64-00	231			
1	Budget Amendments/Transfers		Division 2132 Total	$0	
2200 - FIRE ADMINISTRATION					
11/22/19	001-2200-522.52-00	(12)	ADDITIONAL BUDGET FOR BUSINESS CARDS		724
	001-2200-522.47-00	12			
01/09/20	001-2200-522.52-02	650	UNIFORM PRCHSE FOR NEW DEPUTY FIRE CHIEF		1349
2	Budget Amendments/Transfers		Division 2200 Total	$650	
2201 - FIRE OPERATIONS					
11/22/19	001-2201-522.52-05	(2,958)	ADDITIONAL BUDGET FOR ESO PROGRAM AIR CARDS		724
	001-2201-522.41-00	2,958			
01/09/20	001-2201-522.52-02	(650)	UNIFORM PRCHSE FOR NEW DEPUTY FIRE CHIEF		1349
2	Budget Amendments/Transfers		Division 2201 Total	($650)	
3200 - ADMINISTRATION					
11/22/19	001-3200-515.31-00	2,013	PO 72368 / RICH & ASSOC FY20 PO ROLLOVER		722
	001-3200-515.34-00	5,045	PO 73666 / PDCS, LLC FY20 PO ROLLOVER		722
	001-3200-515.34-00	2,618	PO 74103 / GEOSYNTEC CONS FY20 PO ROLLOVER		722
	001-3200-515.31-00	6,334	PO 74409 / S&ME, INC FY20 PO ROLLOVER		722
	001-3200-515.34-00	7,119	PO 75063 / CAP GOV INC FY20 PO ROLLOVER		722
01/09/20	001-3200-515.52-00	1,100	PRCHSE TWO CC MACHINES FOR COMM SVCS		1349
6	Budget Amendments/Transfers		Division 3200 Total	$24,229	
3205 - ECONOMIC DEVELOPMENT					
11/22/19	001-3205-559.31-06	59,000	PO 75123 / E CENTRAL FL P FY20 PO ROLLOVER		722
01/09/20	001-3205-559.52-00	(800)	PRCHSE TWO CC MACHINES FOR COMM SVCS		1349
	001-3205-559.51-00	(300)			
2	Budget Amendments/Transfers		Division 3205 Total	$57,900	
3510 - STREET MANAGEMENT					
11/22/19	001-3510-541.46-00	51,614	PO 73708 / GOODSON PAVING FY20 PO ROLLOVER		722
	001-3510-541.46-00	2,370	PO 73709 / GOODSON PAVING FY20 PO ROLLOVER		722
	001-3510-541.64-00	33,500	PO 74998 / CONCR MIX SUP FY20 PO ROLLOVER		722
	001-3510-541.63-00	2,000	PO 75098 / MYRA PLANNING FY20 PO ROLLOVER		722
01/09/20	001-3510-541.46-03	(1,800)	ADD FREIGHT TO PO 74998 CONCRETE MIXER BODY		1349
	001-3510-541.64-00	1,800			

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
5 Budget Amendments/Transfers			Division 3510 Total	$89,484	
3520 - PARKS & BEAUTIFICATION					
12/30/19	001-3520-572.34-09	10,000	24 ADDITIONAL CUTS AT LEE WENNER PARK		1207
01/09/20	001-3520-572.14-00	5,000	CVR GROUNDS DEPT OVRTIME		1349
01/13/20	001-3520-572.34-09	9,397	INC FDOT MEDIAN MAINT BUDGET; 2 QTRS FY20		1384
3 Budget Amendments/Transfers			Division 3520 Total	$24,397	
3550 - SANITATION					
11/22/19	001-3550-534.34-00	5,071	PO 73386 / WASTE MNGMT FY20 PO ROLLOVER		722
1 Budget Amendments/Transfers			Division 3550 Total	$5,071	
3560 - FACILITY MANAGEMENT					
12/30/19	001-3560-519.46-00	(10,000)	24 ADDITIONAL CUTS AT LEE WENNER PARK		1207
01/09/20	001-3560-519.46-00	(5,000)	CVR GROUNDS DEPT OVRTIME		1349
2 Budget Amendments/Transfers			Division 3560 Total	($15,000)	
57 Total Budget Amendments/Transfers			**GENERAL FUND**	**$385,339**	
3240 - HOUSING GRANTS					
11/22/19	103-3240-554.62-00	125,172	PO 74150 / W&J CONSTRUCT FY20 PO ROLLOVER		722
	103-3240-554.63-00	175,000	PO 74150 / W&J CONTRUCT FY20 PO ROLLOVER		722
2 Budget Amendments/Transfers			Division 3240 Total	$300,172	
2 Total Budget Amendments/Transfers			**CDBG**	**$300,172**	
3240 - HOUSING GRANTS					
11/22/19	104-3240-554.83-00	400,000	PO 74638 / COMM HOUSING FY20 PO ROLLOVER		722
01/13/20	104-3240-554.83-00	3,863	INC HOME GRANT CRRYFORWRD MATCH HOME AGREEMENT		1385
2 Budget Amendments/Transfers			Division 3240 Total	$403,863	
2 Total Budget Amendments/Transfers			**BREVARD COUNTY HOME**	**$403,863**	
3240 - HOUSING GRANTS					
11/22/19	108-3240-554.62-00	834,332	PO 74150 / W&J CONSTRUCT FY20 PO ROLLOVER		722
12/11/19	108-3240-517.73-00	19,937	SEC 108 LOAN SUBSIDY FEE JOE LEE SMITH CTR CONST		1106
2 Budget Amendments/Transfers			Division 3240 Total	$854,269	
2 Total Budget Amendments/Transfers			**SEC 108 LOAN GUARANTEE**	**$854,269**	
3230 - CRA ADMIN/OPERATIONS					
11/22/19	110-3230-559.64-15	2,000	PO 73289 / MORSE COMM FY20 PO ROLLOVER		722
	110-3230-559.63-00	3,266	PO 74207 / ARCHITECTS RZK FY20 PO ROLLOVER		722
	110-3230-559.31-00	92,000	PO 74623 / SUNSTATE METER FY20 PO ROLLOVER		722
	110-3230-559.83-00	10,000	PO 74896 / RUNAWAY INVST FY20 PO ROLLOVER		722
	110-3230-559.83-00	10,000	PO 75115 / JLM PROP HOLD FY20 PO ROLLOVER		722
	110-3230-559.64-15	2,000	ROLL FY19 BDGT LEE WENNER FY20 BUDGET ROLLOVER		720

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
11/22/19	110-3230-559.63-00	3,661	ROLL FY19 BDGT LEE WENNER FY20 BUDGET ROLLOVER		720
	110-3230-559.63-00	215,766			
12/04/19	110-3230-559.40-00	(1,288)	PURCH 5 CIG RECEPTACLES COCOA VILLAGE		840
	110-3230-559.52-00	1,288			
12/11/19	110-3230-581.91-32	138,889	C&D CONST C/O #1 AGENDA 19-653		1107
	110-3230-559.63-00	(148,878)	COCOA CRA TXFR-PROMENADE RVRFRNT PROM OVERLOOKS		1103
	110-3230-581.91-32	148,878			
	110-3230-559.39-00	(100,000)	COCOA CRA TXFR-PROMENADE RVRFRNT PROMENADE ENHNCE		1103
	110-3230-581.91-32	100,000			
10	Budget Amendments/Transfers		Division 3230 Total	$477,582	
	10 Total Budget Amendments/Transfers		**CRA COCOA RDA**	**$477,582**	
3230 - CRA ADMIN/OPERATIONS					
11/22/19	111-3230-559.63-00	47,488	PO 74150 / W&J CONSTRUCT FY20 PO ROLLOVER		722
1	Budget Amendments/Transfers		Division 3230 Total	$47,488	
	1 Total Budget Amendments/Transfers		**CRA DIAMOND SQUARE 626**	**$47,488**	
3580 - CAPITAL PROJECTS MNGMT					
11/22/19	301-3580-519.63-00	492,092	PO 74150 / W&J CONSTRUCT FY20 PO ROLLOVER		723
	301-3580-519.64-00	600,720			
	301-3580-519.62-00	1,659,076			
	301-3580-519.31-00	15,224	PO 74151 / ARCHITECTS RZK FY20 PO ROLLOVER		723
	301-3580-519.62-00	7,695	PO 74899 / ARDAMAN & ASSC FY20 PO ROLLOVER		723
	301-3580-519.62-00	281,234	ROLL FY19 BDGT DR JOE LEE FY20 BUDGET ROLLOVER		720
4	Budget Amendments/Transfers		Division 3580 Total	$3,056,041	
	4 Total Budget Amendments/Transfers		**CAPITAL PROJECTS FUND**	**$3,056,041**	
3580 - CAPITAL PROJECTS MNGMT					
11/22/19	302-3580-572.63-04	18,368	PO 73217 / INFR SOL SERV FY20 PO ROLLOVER		723
	302-3580-572.63-04	19,880	PO 73829 / INFR SOL SVCS FY20 PO ROLLOVER		723
	302-3580-572.63-03	205,290	PO 74682 / C&D CONSTRUCT FY20 PO ROLLOVER		723
	302-3580-572.63-01	332,557			
	302-3580-572.63-04	1,052,070			
	302-3580-572.63-04	5,580	PO 74825 / UNIV ENG SCI FY20 PO ROLLOVER		723
	302-3580-572.63-04	754,893	ROLL FY19 BDGT HURR IRMA FY20 BUDGET ROLLOVER		720
	302-3580-519.63-00	1,719,250			
12/11/19	302-3580-572.63-04	34,889	C&D CONST C/O #1 AGENDA 19-653		1107
	302-3580-572.63-01	104,000			
	302-3580-572.63-04	148,878	COCOA CRA TXFR-PROMENADE RVRFRNT PROM OVERLOOKS		1102
	302-3580-572.63-04	100,000	COCOA CRA TXFR-PROMENADE RVRFRNT PROMENADE ENHNCE		1102

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
8	Budget Amendments/Transfers		Division 3580 Total	$4,495,655	
	8 Total Budget Amendments/Transfers		**RIVERFRONT/LEE WENNER PK**	**$4,495,655**	
3580 - CAPITAL PROJECTS MNGMT					
11/22/19	303-3580-519.63-00	1,500,000	ROLL FY19 BDGT FISKE BLVD FY20 BUDGET ROLLOVER		720
1	Budget Amendments/Transfers		Division 3580 Total	$1,500,000	
	1 Total Budget Amendments/Transfers		**FISKE BV CMPLT STRTSCAPE**	**$1,500,000**	
4010 - WATER ADMINISTRATION					
11/13/19	421-4010-536.39-00	(84,510)	BUSS MAY - SOIRL Zone J ZONE J FEAS TECH ASST		632
	421-4010-536.39-00	(59,585)	BUSS MAY SOIRL ZONE K ZONE K FEAS TECH ASST		634
11/22/19	421-4010-536.31-00	5,460	PO 73903 / INTEGRITY PUBL FY20 PO ROLLOVER		723
	421-4010-536.31-00	2,840	PO 75129 / SUPERION LLC FY20 PO ROLLOVER		723
01/24/20	421-4010-536.31-00	(2,840)	CORR ACCT # FOR PO 75129 SUPERION / PO TEMPLATE		1553
	421-4010-536.34-00	2,840			
	421-4010-536.32-00	(40,000)	RECL AUDIT BUDGET FOR FULL UT RATE STUDY		1556
	421-4010-536.31-00	40,000			
6	Budget Amendments/Transfers		Division 4010 Total	($135,795)	
4020 - DYAL PLANT					
11/22/19	421-4020-536.46-00	6,523	PO 73731 / RING POWER COR FY20 PO ROLLOVER		723
	421-4020-536.42-00	4,500	PO 73978 / TOM EVAN ENV FY20 PO ROLLOVER		723
	421-4020-536.46-00	158,642	PO 73978 / TOM EVANS ENV FY20 PO ROLLOVER		723
	421-4020-536.63-00	13,995	PO 74413 / CH2M HILL ENG FY20 PO ROLLOVER		723
	421-4020-536.34-00	1,800	PO 74492 / BIO TECH CONS FY20 PO ROLLOVER		723
	421-4020-536.46-00	53,787	PO 74696 / RING POWER COR FY20 PO ROLLOVER		723
	421-4020-536.42-00	75	PO 74941 / WTR TREAT & CO FY20 PO ROLLOVER		723
	421-4020-536.64-00	5,828			
	421-4020-536.64-00	43,861	PO 74996 / TRANE (MAITL) FY20 PO ROLLOVER		723
	421-4020-536.46-00	9,233	PO 75050 / POWELL ELEC FY20 PO ROLLOVER		723
	421-4020-536.42-00	495	PO 75076 / HAROLD BECK FY20 PO ROLLOVER		723
	421-4020-536.46-00	22,167			
	421-4020-536.63-00	28,633	PO 75080 / CH2M HILL ENG FY20 PO ROLLOVER		723
	421-4020-536.63-00	43,100	PO 75099 / BURNETT LIME FY20 PO ROLLOVER		723
	421-4020-536.63-00	10,733	PO 75111 / THOMPSON PIPE FY20 PO ROLLOVER		723
	421-4020-536.46-00	13,075	PO 75117 / WTR TREAT & CO FY20 PO ROLLOVER		723
	421-4020-536.46-00	85,926	PO 75118 / RING POWER COR FY20 PO ROLLOVER		723
	421-4020-536.63-00	130	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
	421-4020-536.64-00	4,784			
	421-4020-536.63-00	14,447			

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
01/09/20	421-4020-536.46-00	(30,000)	CORR ACCT # FOR DYAL DMZ SERVER REPLACEMENT		1348
	421-4020-536.56-15	30,000			
	421-4020-536.46-00	(23,000)	CORR ACCT # FOR DYAL EMPIRE COMPT SUPPORT		1348
	421-4020-536.56-15	23,000			
	421-4020-536.52-00	(33,814)	CORR ACCT FOR DYAL SFTWRE LICENSE / WONDERWARE		1347
	421-4020-536.56-15	33,814			
19	Budget Amendments/Transfers		Division 4020 Total	$521,734	
4025 - WATER FIELD OPERATIONS					
11/22/19	421-4025-536.46-00	2,855	PO 72093 / BUSSEN MAYER FY20 PO ROLLOVER		723
	421-4025-536.46-00	12,325	PO 72425 / JOBEAR CONTRAC FY20 PO ROLLOVER		723
	421-4025-536.42-00	500	PO 73810 / TEAM IND SVCS FY20 PO ROLLOVER		723
	421-4025-536.46-00	2,500			
	421-4025-536.46-00	2,142	PO 74118 / BUSSEN MAYER FY20 PO ROLLOVER		723
	421-4025-536.46-00	105,253	PO 74163 / ALL TERRAIN TR FY20 PO ROLLOVER		723
01/09/20	421-4025-536.52-00	(34,000)	CORR ACCT FOR SFTWRE LICENSE / IWATER / XC2		1347
	421-4025-536.56-15	34,000			
6	Budget Amendments/Transfers		Division 4025 Total	$125,575	
4055 - ENGINEERING					
11/13/19	421-4055-536.31-03	84,510	BUSS MAY - SOIRL Zone K ZONE J FEAS TECH ASST		632
	421-4055-536.31-03	59,585	BUSS MAY SOIRL ZONE K ZONE K FEAS TECH ASST		634
11/22/19	421-4055-536.63-00	3,182	PO 71688 / MEAD & HUNT FY20 PO ROLLOVER		723
	421-4055-536.63-00	420,316	PO 71924 / BRANDES DESIGN FY20 PO ROLLOVER		723
	421-4055-536.63-00	1,608	PO 71946 / BUSSEN MAYER FY20 PO ROLLOVER		723
	421-4055-536.63-00	576,225	PO 73011 / CH2M HILL ENG FY20 PO ROLLOVER		723
	421-4055-536.63-00	1,787	PO 73291 / BUSSEN MAYER FY20 PO ROLLOVER		723
	421-4055-536.68-10	51,602	PO 74292 / CH2M HILL ENG FY20 PO ROLLOVER		723
	421-4055-536.63-00	5,532	PO 75038 / BUSSEN MAYER FY20 PO ROLLOVER		723
	421-4055-536.68-10	4,334	PO 75068 / KED GROUP, INC FY20 PO ROLLOVER		723
	421-4055-536.68-10	43,427	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
	421-4055-536.63-00	191,490			
	421-4055-536.63-00	210,571			
12/30/19	421-4055-536.52-00	(50,000)	TXFR ARCGIS BUDGET TO CORRECT ACCT		1207
	421-4055-536.56-15	50,000			
12	Budget Amendments/Transfers		Division 4055 Total	$1,654,169	
4120 - WATER RECLAMATION					
11/22/19	421-4120-536.63-00	45,243	PO 71959 / BRANDES DESIGN FY20 PO ROLLOVER		723
	421-4120-536.62-00	65,000	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
	421-4120-536.63-00	542,514			

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
01/09/20	421-4120-536.52-00	(6,500)	ADD FNDS FOR PO 75831 CAROLLO ENGINEERS		1349
	421-4120-536.56-15	6,500			
	421-4120-536.52-00	(10,000)	CORR ACCT FOR SFTWRE LICENSE / VTSCADA / CMMS		1347
	421-4120-536.56-15	10,000			
4 Budget Amendments/Transfers			Division 4120 Total	$652,757	
4125 - SEWER FIELD OPERATIONS					
11/22/19	421-4125-536.46-00	40,571	PO 74913 / VORTEX SVCS FY20 PO ROLLOVER		723
	421-4125-536.46-00	25,805	PO 74914 / LORD & COMPANY FY20 PO ROLLOVER		723
	421-4125-536.46-00	69,000	PO 74983 / BARNEY PUMPS FY20 PO ROLLOVER		723
	421-4125-536.64-00	3,956	PO 75051 / COMPRESSED AIR FY20 PO ROLLOVER		723
	421-4125-536.46-00	7,567	PO 75069 / BARNEY PUMPS FY20 PO ROLLOVER		723
	421-4125-536.46-00	2,714	PO 75092 / MEAD & HUNT FY20 PO ROLLOVER		723
01/09/20	421-4125-536.52-00	(5,000)	CORR ACCT FOR SFTWRE LICENSE / INFRAMAP		1347
	421-4125-536.56-15	5,000			
7 Budget Amendments/Transfers			Division 4125 Total	$149,613	
54 Total Budget Amendments/Transfers			**WATER/SEWER ENTERPRISE**	**$2,968,053**	
3570 - STORMWATER UTILITY					
10/23/19	423-3570-538.39-00	(324,134)	BA #20-006-T - STORMWATER IMPROVEMENTS		311
	423-3570-538.63-00	50,000			
	423-3570-538.46-00	80,000			
	423-3570-538.63-00	194,134			
11/22/19	423-3570-538.31-00	2,955	PO 73710 / INFR SOL SVCS FY20 PO ROLLOVER		723
	423-3570-538.31-00	4,500	PO 74218 / MEAD & HUNT FY20 PO ROLLOVER		723
	423-3570-538.63-00	121,380	PO 74643 / GRANITE INLINE FY20 PO ROLLOVER		723
	423-3570-538.34-00	9,240	PO 74857 / GOLD NUGGET FY20 PO ROLLOVER		723
	423-3570-538.46-00	(30,000)	PROVIDE BUDGET TO UPDATE EXISTING STORMWATER MODEL		724
	423-3570-538.31-00	30,000			
	423-3570-538.63-00	58,586	ROLL FY19 BDGT / SW PROJS FY20 BUDGET ROLLOVER		721
01/09/20	423-3570-538.46-00	(2,859)	COVER FLA TODAY ADS STORMWATER ASSESSMENT		1349
	423-3570-538.49-00	2,859			
8 Budget Amendments/Transfers			Division 3570 Total	$196,661	
8 Total Budget Amendments/Transfers			**STORMWATER UTILITY**	**$196,661**	
4020 - DYAL PLANT					
11/22/19	426-4020-536.63-00	518,073	PO 74876 / S4 WATER SALES FY20 PO ROLLOVER		723
	426-4020-536.63-00	51,808	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
	426-4020-536.63-00	600,000			
2 Budget Amendments/Transfers			Division 4020 Total	$1,169,881	

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
4055 - ENGINEERING					
11/22/19	426-4055-536.63-00	150,082	PO 74040 / E&D CONTRACT FY20 PO ROLLOVER		723
	426-4055-536.63-00	390,052	PO 74042 / ATLANTIC DEV FY20 PO ROLLOVER		723
	426-4055-536.63-00	4,502	PO 74097 / BUSSEN MAYER FY20 PO ROLLOVER		723
	426-4055-536.63-00	18,538	PO 74152 / CH2M HILL FY20 PO ROLLOVER		723
	426-4055-536.63-00	10,000	PO 74281 / WHARTON SMITH FY20 PO ROLLOVER		723
	426-4055-536.63-00	218,268	PO 74898 / CH2M HILL FY20 PO ROLLOVER		723
	426-4055-536.63-00	34,060	PO 74901 / MEAD & HUNT FY20 PO ROLLOVER		723
	426-4055-536.63-00	12,802	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
	426-4055-536.63-00	16,022			
	426-4055-536.63-00	400,000			
	426-4055-536.63-00	698,664			
	426-4055-536.63-00	898,128			
	426-4055-536.63-00	1,185,780			
	426-4055-536.63-00	1,962,023			
	426-4055-536.63-00	2,622,381			
	426-4055-536.63-00	10,378,517			
01/24/20	426-4055-536.63-00	(439,845)	ADDL BUDGET FOR WS17MI TO COVER WS17MI BID COSTS		1557
	426-4055-536.63-00	439,845			
9 Budget Amendments/Transfers			Division 4055 Total	8,999,819	
4120 - WATER RECLAMATION					
11/22/19	426-4120-536.63-00	6,084	PO 74732 / CAROLLO ENG FY20 PO ROLLOVER		723
	426-4120-536.63-00	72,100	PO 74805 / WPC INDUST FY20 PO ROLLOVER		723
	426-4120-536.63-00	39,072	PO 74872 / DIVERSIFIED EN FY20 PO ROLLOVER		723
	426-4120-536.63-00	37,500	PO 75077 / PITTSBURG TANK FY20 PO ROLLOVER		723
	426-4120-536.63-00	45,300	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
	426-4120-536.63-00	2,690,036			
5 Budget Amendments/Transfers			Division 4120 Total	2,890,092	
16 Total Budget Amendments/Transfers			**WS CPTL PROJ 2018B**	**23,059,792**	

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #

165 Transfers & Amendments between 10/1/2019 and 1/31/2020

FY 2020 TOTAL TRANSFERS & AMENDMENTS	**37,744,915**

NOTE: Group #s represent a complete transaction that will net to zero. Add all expenses for each group number, then subtract the revenues related to the same group number and your total will equal zero.

Report: W:\Finance Administration\Budget Tracking Report\FY 2020 - Budget Tracking Worksheets\FY 2020 EXPENSE Budget Tracking Worksheet 1.imr ran by Database User ID: cocoath

Date: 2/10/2020

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FY 2020 BUDGET TRACKING WORKSHEET

REVENUE TRANSFER/AMENDMENT DETAIL
AS OF: 1/31/2020

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
10/09/19	001-0000-389.99-50	50,000	BA #20-001-A - PLANNING SVCS FOR COCOA PD		238
10/23/19	001-0000-331.20-05	22,166	BA #02-002-A - ACCEPT JAG GRANT FOR PD FOR FY20		312
	001-0000-331.20-12	10,507	BA #02-003-A - ACCEPT BVP GRANT FOR PD FOR FY20		312
11/22/19	001-0000-389.99-50	293,269	MOVE FUNDS FROM RESERVES FY20 PO ROLLOVER		722
01/13/20	001-0000-343.90-01	9,397	INC FDOT MEDIAN MAINT BUDGET; 2 QTRS FY20		1384
5	Budget Amendments/Transfers		Division 0000 Total	$385,339	
	5 Total Budget Amendments/Transfers		**GENERAL FUND**	**$385,339**	
11/22/19	103-0000-389.99-50	300,172	MOVE FUNDS FROM REVENUES FY20 PO ROLLOVER		722
1	Budget Amendments/Transfers		Division 0000 Total	$300,172	
	1 Total Budget Amendments/Transfers		**CDBG**	**$300,172**	
11/22/19	104-0000-389.99-50	400,000	MOVE FUNDS FROM REVENUES FY20 PO ROLLOVER		722
01/13/20	104-0000-389.99-10	3,863	INC HOME GRANT CRRYFORWRD MATCH HOME AGREEMENT		1385
2	Budget Amendments/Transfers		Division 0000 Total	$403,863	
	2 Total Budget Amendments/Transfers		**BREVARD COUNTY HOME**	**$403,863**	
11/22/19	108-0000-389.99-50	834,332	MOVE FUNDS FROM REVENUES FY20 PO ROLLOVER		722
12/11/19	108-0000-381.91-01	19,937	SEC 108 LOAN SUBSIDY FEE JOE LEE SMITH CTR CONST		1106
	108-0000-389.99-50	(894,000)	SEC 108 LOANPROC HUD NOTE JOE LEE SMITH CENTER PROJ		1104
	108-0000-384.00-00	894,000			
3	Budget Amendments/Transfers		Division 0000 Total	$854,269	
	3 Total Budget Amendments/Transfers		**SEC 108 LOAN GUARANTEE**	**$854,269**	
11/22/19	110-0000-389.99-50	117,266	MOVE FUNDS FROM REVENUES FY20 PO ROLLOVER		722
	110-0000-389.99-10	221,427	ROLL FY19 BDGT LEE WENNER FY20 BUDGET ROLLOVER		720
12/11/19	110-0000-389.99-50	138,889	C&D CONST C/O #1 AGENDA 19-653		1107
3	Budget Amendments/Transfers		Division 0000 Total	$477,582	
	3 Total Budget Amendments/Transfers		**CRA COCOA RDA**	**$477,582**	
11/22/19	111-0000-389.99-50	47,488	MOVE FUNDS FROM REVENUES FY20 PO ROLLOVER		722
1	Budget Amendments/Transfers		Division 0000 Total	$47,488	
	1 Total Budget Amendments/Transfers		**CRA DIAMOND SQUARE 626**	**$47,488**	
11/22/19	301-0000-389.99-50	2,774,807	MOVE FUNDS FROM RESERVES FY20 PO ROLLOVER		723

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
11/22/19	301-0000-389.99-50	281,234	ROLL FY19 BDGT DR JOE LEE FY20 BUDGET ROLLOVER		720
2	Budget Amendments/Transfers		Division 0000 Total	$3,056,041	
	2 Total Budget Amendments/Transfers		**CAPITAL PROJECTS FUND**	**$3,056,041**	
11/22/19	302-0000-389.99-50	1,633,745	MOVE FUNDS FROM RESERVES FY20 PO ROLLOVER		723
	302-0000-389.99-50	2,474,143	ROLL FY19 BDGT HURR IRMA FY20 BUDGET ROLLOVER		720
12/11/19	302-0000-381.91-10	138,889	C&D CONST C/O #1 AGENDA 19-653		1107
	302-0000-381.91-10	148,878	COCOA CRA TXFR-PROMENADE RVRFRNT PROM OVERLOOKS		1102
	302-0000-381.91-10	100,000	COCOA CRA TXFR-PROMENADE RVRFRNT PROMENADE ENHNCE		1102
	302-0000-389.99-50	(225,000)	ROLL FIND GRANT REV #BV-CO-17-134		1100
	302-0000-337.30-15	225,000			
	302-0000-389.99-50	(427,100)	ROLL FIND GRANT REV #BV-CO-17-139E		1100
	302-0000-337.30-16	427,100			
7	Budget Amendments/Transfers		Division 0000 Total	$4,495,655	
	7 Total Budget Amendments/Transfers		**RIVERFRONT/LEE WENNER PK**	**$4,495,655**	
11/22/19	303-0000-389.99-50	1,500,000	ROLL FY19 BDGT FISKE BLVD FY20 BUDGET ROLLOVER		720
1	Budget Amendments/Transfers		Division 0000 Total	$1,500,000	
	1 Total Budget Amendments/Transfers		**FISKE BV CMPLT STRTSCAPE**	**$1,500,000**	
11/22/19	421-0000-389.99-50	1,895,690	MOVE FUNDS FROM RESERVES FY20 PO ROLLOVER		723
	421-0000-389.99-50	1,072,363	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
2	Budget Amendments/Transfers		Division 0000 Total	$2,968,053	
	2 Total Budget Amendments/Transfers		**WATER/SEWER ENTERPRISE**	**$2,968,053**	
11/22/19	423-0000-389.99-50	138,075	MOVE FUNDS FROM RESERVE FY20 PO ROLLOVER		723
	423-0000-389.99-50	58,586	ROLL FY19 BDGT / SW PROJS FY20 BUDGET ROLLOVER		721
2	Budget Amendments/Transfers		Division 0000 Total	$196,661	
	2 Total Budget Amendments/Transfers		**STORMWATER UTILITY**	**$196,661**	
11/22/19	426-0000-389.99-50	1,498,331	MOVE FUNDS FROM RESERVES FY20 PO ROLLOVER		723
	426-0000-389.99-50	21,561,461	ROLL FY19 BDGT / UT PROJS FY20 BUDGET ROLLOVER		721
2	Budget Amendments/Transfers		Division 0000 Total	$23,059,792	
	2 Total Budget Amendments/Transfers		**WS CPTL PROJ 2018B**	**$23,059,792**	
31	**Transfers & Amendments between 10/1/2019 and 1/31/2020**				
			FY 2020 TOTAL TRANSFERS & AMENDMENTS	**37,744,915**	

NOTE: Group #s represent a complete transaction that will net to zero. Add all expenses for each group number, then subtract the revenues related to the same group number and your total will equal zero.

Report: W:\Finance Administration\Budget Tracking Report\FY 2020 - Budget Tracking Worksheets\FY 2020 REVENUE Budget Tracking Worksheet1.imr ran by Database User ID: cocoath

Legislation Details (With Text)

File #:	20-110	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	2/10/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	In accordance with the Financial Operations Manual (FOM) the City Manager shall submit to City Council in the form of an agenda item any approved change orders to construction contracts that the City Council has authorized the City Manager, by resolution, to approve in excess of the City Manager's spending authority. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	FY2020 Change Orders-CM Authorized to Execute January 2020.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 10, 2020
Agenda Date: February 26, 2020
Prepared By: Lora Howell, Deputy Finance Director
Through: Rebecca Bowman, MBA, CGFO, CGFM, Finance Director
Requested Action:
In accordance with the Financial Operations Manual (FOM) the City Manager shall submit to City Council in the form of an agenda item any approved change orders to construction contracts that the City Council has authorized the City Manager, by resolution, to approve in excess of the City Manager's spending authority.

BACKGROUND:

The attached spreadsheets reference construction projects with a previously authorized "contingency" as of January 31, 2020. The report provides the project number, project description, construction contract cost of project, contingency amount authorized, date of City Council approval, resolution number for authorization of contingency, requisition numbers, and expenditure by fiscal year.

The second line of each project in the third column under "Construction contract not to exceed $" references the contingency amount that the City Council or City Manager, if within his purchasing authority, has approved. The last line of each project provides the remaining balance as of the report date.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

None

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Informational Item Only.

FY2020 Change Orders - CM authorized to execute

applied to contingency | as of: 1/31/2020

Project #	Project Description + Details	Construction contract not to exceed $	Date Approved	Resolution #	Requisition #	Requisition $ by Account #	All Fiscal Years Cumulative	FY18 Cum.	FY19 Cum.	FY20 Cum.	FY2020 Expenditures	FY2019 Expenditures
ES17HI	Promenade and Improvements											
Op. Rev.		1,089,558.00	1/30/2020	2019-109*								
Project Manager: Gary Palmer		94,000.00	contingency authorized									
account #	302-3580-572.63-04	995,558.00	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	302-3580-572.63-05 Improvements											
	Rush Marine			FY2020	40320	995,558.00	$ 995,558.00			$ 995,558.00		
	Contractor PO# 76074											
		94,000	**^contingency balance-->(And other costs)**									
WS20ST	Lift Station #2 Panel Rehabilitation											
Op. Rev.		171,120.00	10/24/2019	2019-088								
Project Manager: Utilities		22,320.00	contingency authorized									
account #	421-4125-536.46-00	148,800.00	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	Parkit Construction			FY2020	39694	148,800.00	$ 148,800.00			$ 148,800.00		
	Contractor PO# 75641											
		22,320	**^contingency balance-->**									
WS19CF	Groundwater Cal-Flo											
Op. Rev.		94,789.83	8/28/2019	2019-078								
Project Manager: Utilities		8,617.24	contingency authorized									
account #	421-4020-536-63-00	86,172.59	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	Thompson Pipe			FY2019			$ -	-	$ 10,733.00		$ 10,733.00	
	Contractor PO# 75111		*FY 19 PO ISSUE*		39044	10,733.00						
		8,617	**^contingency balance-->**									
WS19MH	Manhole Rehabilitation											
Op. Rev.		150,000.00	6/26/2019	2019-059								
Project Manager: Utilities		14,254.73	contingency authorized									
account #	421-4125-536.46-00	135,745.27	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	Manhole Rehab Services (Vortex)			FY2020	38808	135,633.20	$ 135,633.20			$ 135,633.20	$ 107,527.18	
	Contractor PO# 74913											
		14,255	**^contingency balance-->**									
WS19FR	Dyal Groundwater Filters 1 & 4											
Op. Rev.		569,880.30	6/26/2019	2019-056								
Project Manager: Utilities		51,807.30	contingency authorized									
account #	426-4020-536.63-00	518,073.00	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	S4 Water Sales and Service			FY2019	38748	518,073.00	$ 518,073.00	518,073.00				
	Contractor PO# 74876											
		51,807	**^contingency balance-->**									
CP1504	Dr. Joe Lee Smith Center											
Op. Rev.		4,839,571.00	1/9/2019 & 6/12/2019	2019-004 & 2019-052								
Project Manager: Gary Palmer		289,558.00	contingency authorized									
account #	301-3580-519.62-00	4,550,013.00	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	W & J Construction		*FY 19 PO ISSUE*	FY2019	37879	170,144.00	$ 4,550,013.00	$ 170,144.00	$ 4,379,869.00	$ 4,550,013.00	$ 1,870,237.42	$ 616,134.43
	Contractor PO# 74150		CO#1		38708	4,379,869.00						
		289,558	**^contingency balance-->**									

Project #	Project Description + Details	Construction contract not to exceed $	Date Approved	Resolution #	Requisition #	Requisition $ by Account #	All Fiscal Years Cumulative	FY18 Cum.	FY19 Cum.	FY20 Cum.	FY2020 Expenditures	FY2019 Expenditures
WS1431	North Tropical Trail Looping Improvements											
Op. Rev.		1,231,048.17	12/12/2018	2018-114								
Project Manager: Utilities		111,913.47	contingency authorized									
account #	426-4055-536.63-00	1,119,134.70	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	Atlantic Development of Cocoa		*FY 19 PO ISSUE*	FY2019	37710	1,119,134.70	$ 1,159,239.19	$ 1,119,134.70	$ 1,159,239.19	$ 1,159,239.19	956,573.94	$ 699,622.09
	Contractor PO# 074042		CO#1		37978	16,542.60						
			CO#2		38879	23,561.89						
*Bond												
		71,809	^contingency balance-->									
WS1001	Industrial Park Pump Station											
Op. Rev.		4,889,500.00	11/25/14, VIII.8	2014-138								
Project Manager Utilities		444,500.00	10% contingency authorized			63-00						
account #421-4055-536.63-00		4,445,000.00	exp authorized before contingency				Cumulative	FY18 cum	FY19 cum	FY20 cum		
	Brandes Design-Build. PO #67318/69608/71924		FY15 PO Issue	FY 2015	26451	4,445,000.00	4,445,000.00					
	Bid No. B-15-01-COC		*CO #1 for electric actuated butterfly valves*	FY 2015	27931	41,985.41	4,486,985.41					
			CO#2 for necessary modifications to electrical design	FY 2015	28332	14,574.50	4,501,559.91					
	Quentin Hampton P.O. #67460/69493		*PO **65207** FY15 Year-End PO Liquidation*			(1,542,102.38)	2,959,457.53					
			*FY16 PO Issue PO# **67318***	FY2016	29192	**1,542,102.38**	4,501,559.91		v			
	Mead & Hunt (formerly QLH) PO #70943/71880		*TO 2015-67 P.O. **67455** TO CH2M for Scada Programing*		29315	21,434.07	4,522,993.98		v			
			*PO# **67460** to QLH for SDC*		29381	53,001.11	4,575,995.09		v			
	CH2M Hill PO #67455/		*CO # 1 PO **67460** Additional Services Industrial Park*		29593	23,033.00	4,599,028.09					
			*CO#1 PO **67318***		29647	**53,686.38**	4,652,714.47					
	RM Packard $ Assoc. Inc. 73686		*CO#2 install electronic indicators PO **67318***		30007	**8,917.65**	4,661,632.12					
			*CO#2 additional inspection services PO# **67460***		30758	18,000.00	4,679,632.12					
			PO 67318 FY16 Year-End PO Liquidation			(806,347.80)	3,873,284.32					
			PO 67460 FY16 Year-End PO Liquidation			(26,064.34)	3,847,219.98					
			PO 67455 FY16 Year-End PO Liquidation			(12,619.15)	3,834,600.83					
			PO#69493 Quentin Hampton (reissue PO#67460)	FY 2017	31910	26,064.34	3,860,665.17					
			PO#69608 Brandes Design-Build (reissue PO#67318)		31980	806,347.80	4,667,012.97					
			PO#69493 QLH liquidated balance; reissue to Mead and Hunt		33725	(11,284.39)	4,655,728.58					
			PO#70943 Mead & Hunt (reissue PO#69493)		33736	11,284.39	4,667,012.97					
							4,667,012.97					
			PO#69608 Brandes Design-Build (reissue PO#67318)		31980	(420,315.30)	4,246,697.67					
			PO#70943 Mead & Hunt (reissue PO#69493)		33736	(9,984.39)	4,236,713.28					
			PO#71924 Brandes Design-Build (reissue PO#69608)	FY2018	34892	420,315.30	4,657,028.58	420,315.30				
					34893	9,984.39	$ 4,667,012.97	$ 430,299.69				
			PO#73686	FY2019		1,000.00						
		209,868	^contingency balance-->									

Project #	Project Description + Details	Construction contract not to exceed $	Date Approved	Resolution #	Requisition #	Requisition $ by Account #	All Fiscal Years Cumulative	FY18 Cum.	FY19 Cum.	FY20 Cum.	FY2020 Expenditures	FY2019 Expenditures
WS1222	BNR Process Improvements											
DER restricted + Op.Rev		3,356,475.06	08/13/13 VIII.7	2013-083								
account #421-4120-536.63-00 + 64-00		603,099.13	contingency authorized									
		2,753,375.93	constr' exp authorized before contingency									
				2018-083								
		86,000	7/28/15 VIII. 3. for **Maxwell Contracting**	2015-037								
$5k reimburse check for overpmt of retainage in error - NOT a change order		10,000	contingency authorized for emergency task order									
		76,000	Emergency Task Order authorized ($76k before task order contingency)									
						63-00	64-00	Cumulative	FY18 cum	FY19 cum	FY20 cum	FY19
Brandes Design-Build, Inc. FY2013 PO# 62086												
Bid No. B-13-11-COC												
Brandes Design-Build, Inc. FY2014 PO# 62605				FY2013	22658	1,250,550.00	1,528,450.00	2,779,000.00		$ 98,983.65		
Brandes Design-Build, Inc. FY2015 PO# 64940			FY13 Year-End PO Liquidation			(1,200,550.00)	(1,528,450.00)			$ 98,983.65		
			FY14 PO Reissue	FY2014	23304	1,200,550.00	1,528,450.00	2,779,000.00				
Brandes Design-Build, Inc. FY2016 PO# 67346			CO #1 Modification to drain lines in BNR tanks		24840	22,776.29		2,801,776.29				
CDM Smith FY2016 PO# 67329 + 67528 + 67529			FY14 Year-End PO Liquidation				(728,344.56)	2,073,431.73				
JoBear Contracting FY2016 PO# 68561			FY15 PO Reissue	FY2015	26276	728,344.56		2,801,776.29				
			CO #2 Exploratory excavation		26423	11,040.00		2,812,816.29				
					26917	10,200.00		2,823,016.29				
Brandes FY2017 PO# 69615 / FY2018 PO#71959			CO #3 Cable Tray		27079	5,978.14		2,828,994.43				
			CO #4 to Remove Sludge		27209	10,000.00		2,838,994.43				
CDM Smith FY17 PO# 69522/69955/69956; FY18 PO#71534			*FY15 Year End PO Liquidation*			(79,836.05)		2,759,158.38				
			FY16 PO Issue	FY2016	29212	79,836.05		2,838,994.43				
					29249	32,800.00		2,871,794.43				
			CO#1		29329	(5,000.00)		2,866,794.43				
			CO#2		29212	4,151.50		2,870,945.93				
			CO#3		29905	5,327.32		2,876,273.25				
			CO#4		30046	(5,327.32)		2,870,945.93				
			Jobear P.O. 68561		30751	100,378.50		2,971,324.43				
			FY16 Liquidated		30751	(83,785.50)		2,887,538.93				
SISCO FY2016 PO# 68047			SISCO PO#68047 EVALUATE/REPAIR 4 ELECTRIC VALVE ACTUATORS		30111	5,085.16		2,892,624.09				
			FY16 Year End PO Liquidation			(34,482.06)		2,858,142.03				
			FY17PO#69615 Brandes	FY2017	31932	33,812.06		2,891,954.09		-		
			PO# 69522 CDM Smith		31954	670.00		2,892,624.09		84,072.06		
			PO# 69522 CDM Smith		32776	13,250.00		2,905,874.09		84,072.06		
						(33,812.06)		2,872,062.03		84,072.06		
						(13.25)		2,872,048.78				
			PO#71534: Reissue PO#69522 CDM Smith	FY2018	34520	13.25		2,872,062.03	13.25			
			CO#1 PO#69522 CDM Smith		34650	36,340.00		2,908,402.03	36,353.25	1		
			CO#2 CDM SMITH		34520	86,975.40						
			PO#71959: Reissue PO#69615 Brandes Design-Build		34988	33,812.06		$ 2,942,214.09	$ 70,165.31			
			CO#1		36547	11,430.00		$ 2,953,644.09		$ 11,430.00		
Maxwell Contracting, Inc. FY2015 PO#066365			Task Order 2015-12 to Maxwell Contracting, Inc.		27986	76,000.00		$ 76,000.00				
Emergency - compromise of existing expansion joint						this portion is complete; project is incomplete						
		341,480	^contingency balance--> for Brandes Design-Build									
		10,000	^contingency balance--> for Maxwell Contracting									

Legislation Details (With Text)

File #:	20-111	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	2/10/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	In accordance with City Code, Section 2-74, at the beginning of each month during the fiscal year, the City Manager shall submit to City Council data showing the relation between the estimated and actual income and expenses to date. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Budget By Classification January 2020.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 10, 2020
Agenda Date: February 26, 2020
Prepared By: Lora Howell, Deputy Finance Director
Through: Rebecca Bowman, MBA, CGFO ,CGFM Finance Director
Requested Action:
In accordance with City Code, Section 2-74, at the beginning of each month during the fiscal year, the City Manager shall submit to City Council data showing the relation between the estimated and actual income and expenses to date.

BACKGROUND:

The following reports for the period ending January 2020 (FY20) provide information for the four major funds: General Fund, Water/Sewer Fund, Water/Sewer Capital Projects 2018B Fund and the Storm Water Fund. This January 2020 (FY20) report is unaudited and preliminary.

Each of the major funds will have the following reports:

1. Budget by Account Classification Report
   Summary of the annual budget, revenues collected and expenditures by fund. The detailed back-up documentation is found in the Revenue Report and the Detailed Budget Report Summary by Object

2. Revenue Report
   Detail by account number of actual revenues collected vs. budget for the four major funds: General Fund, Water & Sewer and Water Sewer Capital Projects 2018B, and Storm Water. This report shows the current period, the year to date totals, the annual budget and the

unrealized balance.

- Estimated - represents either the current period or year to date prorated budget
- Actual - represents actual revenue received either in the current period or year to date
- % Rev - the percentage of actual revenue received vs. budget
- Annual Estimate - annual budget
- Unrealized Balance - annual estimate (budget less actual year to date received

3. Detail Budget Report Summary by Object
   Summary of expenditures by account description vs. budget for the four major funds: General Fund, Water & Sewer, Water & Sewer Capital Projects 2018B and Storm Water. This report shows the current period, the year to date totals, encumbrances, the annual budget and the unencumbered balance.
   - Budget - represents either the current period or year to date prorated budget
   - Actual - represents actual cash expenditures either in the current period or year to date
   - % Exp. - the percentage of actual expenditures vs. budget
   - Encumbrance - encumbered amount
   - Annual Budget - annual budget
   - Unencumbered Balance - annual budget less actual year to date actual expenditures plus encumbrances
   - % Budgeted - the percentage of year to date actual expenditures plus encumbrances vs. budget

STRATEGIC PLAN CONNECTION:

Monthly reporting provides staff with an opportunity to monitor expenditure and revenue progression each month, to evaluate anomalies, and to determine corrective action (if necessary) for fiscal responsibility.

BUDGETARY IMPACT:

None

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Informational Item only.

FY 2020 Budget by Classification Report - Summary Listing

0/31/2020

Target for January 2020 is 33%

FUND 001 - GENERAL FUND

	Amended Budget	YTD Encumbrances	YTD Actual Transactions	Budget - YTD	% Used/Rec'd
REVENUE					
TAXES	$ 9,684,925		$ 6,413,788	$ 3,271,137	66%
OTHER PERMITS AND FEES	$ 4,566,282		$ 2,799,786	$ 1,766,496	61%
INTERGOVERNMENTAL	$ 2,252,924		$ 805,179	$ 1,447,745	36%
CHARGES FOR SERVICES	$ 12,089,954		$ 3,951,324	$ 8,138,630	33%
FINES AND FORFEITURES	$ 20,930		$ 4,666	$ 16,264	22%
MISCELLANEOUS	$ 1,169,588		$ 393,684	$ 775,904	34%
OTHER SOURCES (NON-REVENUE)	$ 10,632,362		$ 2,786,324	$ 7,846,038	26%
REVENUE TOTALS	**$ 40,416,965**		**$ 17,154,750**	**$ 23,262,215**	**42%**
EXPENSE					
SALARIES AND BENEFITS	$ 24,963,697	$ 1,301	$ 7,104,930	$ 17,857,466	28%
OPERATING EXPENDITURES	$ 11,688,322	$ 3,289,844	$ 3,099,339	$ 5,299,139	55%
CAPITAL OUTLAY	$ 780,969	$ 317,935	$ 143,444	$ 319,590	59%
GRANTS, AIDS AND OTHER	$ 2,983,977	$ -	$ 1,231,101	$ 1,752,876	41%
EXPENSE TOTALS	**$ 40,416,965**	**$ 3,609,080**	**$ 11,578,814**	**$ 25,229,071**	**38%**
REVENUE TOTALS	**$ 40,416,965**	**$ -**	**$ 17,154,750**	**$ 23,262,215**	**42%**
EXPENSE TOTALS	**$ 40,416,965**	**$ 3,609,080**	**$ 11,578,814**	**$ 25,229,071**	**38%**
	$ -	**$ (3,609,080)**	**$ 5,575,936**	**$ (1,966,856)**	

*Unaudited

FUND 001 GENERAL FUND

ACCOUNT		ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
310		TAXES								
311		AD VALOREM								
10	00	CURRENT TAXES	369,343	955,240.05	259	4,369,343	5,241,011.30	120	6,216,058	975,046.70
20	00	DELINQUENT TAXES	0	.00		0	2,114.96		14,999	12,884.04
25	00	PENALTIES RE: TAXES	0	220.84		0	3,281.37		5,000	1,718.63
30	00	TAX CERTIFICATES	0	.00		0	.00		200,000	200,000.00
311	**	AD VALOREM	369,343	955,460.89	259	4,369,343	5,246,407.63	120	6,436,057	1,189,649.37
312		SALES USE AND FUEL TAXES								
41	00	LOCAL OPTION GAS TAX 6 CT	46,916	.00		187,664	110,748.55	59	563,001	452,252.45
312	**	SALES USE AND FUEL TAXES	46,916	.00		187,664	110,748.55	59	563,001	452,252.45
314		UTILITY SERVICE TAX								
10	00	ELECTRICITY	125,000	139,085.38	111	500,000	599,731.54	120	1,500,000	900,268.46
30	00	WATER-COCOA	29,972	33,919.37	113	119,888	121,466.68	101	359,667	238,200.32
40	00	GAS	1,433	5,575.00	389	5,732	8,104.11	141	17,200	9,095.89
80	00	PROPANE	1,666	2,509.12	151	6,664	5,681.53	85	20,000	14,318.47
314	**	UTILITY SERVICE TAX	158,071	181,088.87	115	632,284	734,983.86	116	1,896,867	1,161,883.14
315		COMMUNICATION SERVICE TAX								
00	00	COMMUNICATION SERVICE TAX	52,000	46,392.92	89	208,000	205,168.85	99	624,000	418,831.15
315	**	COMMUNICATION SERVICE TAX	52,000	46,392.92	89	208,000	205,168.85	99	624,000	418,831.15
316		LOCAL BUSINESS TAX								
00	00	LOCAL BUSINESS TAX	13,750	2,923.98	21	55,000	116,478.62	212	165,000	48,521.38
316	**	LOCAL BUSINESS TAX	13,750	2,923.98	21	55,000	116,478.62	212	165,000	48,521.38
310	***	TAXES	640,080	1,185,866.66	185	5,452,291	6,413,787.51	118	9,684,925	3,271,137.49
320		OTHER PERMITS & FEES								
322		BUILDING PERMITS								
00	00	BUILDING PERMITS	19,833	29,092.00	147	79,332	144,408.75	182	238,000	93,591.25
10	00	TRAINING SURCHARGE	66	388.40	589	264	831.78	315	800	31.78-
322	**	BUILDING PERMITS	19,899	29,480.40	148	79,596	145,240.53	183	238,800	93,559.47
323		FRANCHISE FEES								
10	00	ELECTRICITY	109,955	110,330.94	100	439,820	496,870.86	113	1,319,469	822,598.14
40	00	GAS	2,900	6,999.34	241	11,600	10,013.97	86	34,800	24,786.03
70	00	SOLID WASTE	15,641	17,054.81	109	62,564	65,985.35	106	187,703	121,717.65
323	**	FRANCHISE FEES	128,496	134,385.09	105	513,984	572,870.18	112	1,541,972	969,101.82
325		SPECIAL ASSESSMENT								

FUND 001 GENERAL FUND

ACCOUNT		ACCOUNT DESCRIPTION	********** CURRENT ESTIMATED	ACTUAL	%REV	******** YEAR-TO-DATE ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
320		OTHER PERMITS & FEES								
325		SPECIAL ASSESSMENT								
12	*	SERVICE	0	.00		0	.00		0	.00
22	01	CHARGES FOR PUBLIC SVCS	200,000	156,416.40	78	1,820,000	2,070,942.52	114	2,620,000	549,057.48
22	02	DELINQUENT TAX	166	.00		664	176.46	27	2,000	1,823.54
22	03	PENALTIES	0	.00		0	123.10		2,000	1,876.90
22	04	TAX CERTIFICATES	0	.00		0	.00		150,000	150,000.00
22	*	FIRE PROTECTION	200,166	156,416.40	78	1,820,664	2,071,242.08	114	2,774,000	702,757.92
325	**	SPECIAL ASSESSMENT	200,166	156,416.40	78	1,820,664	2,071,242.08	114	2,774,000	702,757.92
329		OTHER PERMITS & FEES								
25	00	PLANNING AND ZONING	833	1,663.22	200	3,332	8,403.22	252	10,000	1,596.78
35	00	FIRE INSPECTIONS	125	250.00	200	500	2,030.00	406	1,510	520.00-
329	**	OTHER PERMITS & FEES	958	1,913.22	200	3,832	10,433.22	272	11,510	1,076.78
320	***	OTHER PERMITS & FEES	349,519	322,195.11	92	2,418,076	2,799,786.01	116	4,566,282	1,766,495.99
330		INTERGOVERNMENTAL REVENUE								
331		FEDERAL GRANTS								
20	01	RES OFFCR - CTY CONTRACT	39,000	26,000.00	67	78,000	52,000.00	67	156,000	104,000.00
20	05	DEPT OF JUSTICE GRANTS	0	.00		0	24,879.00		22,166	2,713.00-
20	12	BULLET PROOF GRANT	0	2,504.40		0	2,504.40		10,507	8,002.60
20	15	VICTIMS OF CRIME ACT GRNT	10,574	10,018.04	95	42,296	10,018.04	24	126,896	116,877.96
20	16	INTERNET CRIMES GRANT	833	.00		3,332	.00		10,000	10,000.00
20	*	PUBLIC SAFETY	50,407	38,522.44	76	123,628	89,401.44	72	325,569	236,167.56
50	01	FEMA DISASTER RELIEF	0	.00		0	73,972.58		0	73,972.58-
50	*	ECONOMIC ENVIRONMENT	0	.00		0	73,972.58		0	73,972.58-
331	**	FEDERAL GRANTS	50,407	38,522.44	76	123,628	163,374.02	132	325,569	162,194.98
333		PAYMENT IN LIEU OF TAXES								
90	00	HOUSING AUTHORITY	0	.00		22,500	.00		45,000	45,000.00
333	**	PAYMENT IN LIEU OF TAXES	0	.00		22,500	.00		45,000	45,000.00
334		STATE GRANT								
50	01	STATE DISASTER REIMBURSE	0	.00		0	4,109.59		0	4,109.59-
50	*	ECONOMIC ENVIRONMENT	0	.00		0	4,109.59		0	4,109.59-

FUND 001 GENERAL FUND

ACCOUNT		ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
330		INTERGOVERNMENTAL REVENUE								
334		STATE GRANT								
334	**	STATE GRANT	0	.00		0	4,109.59		0	4,109.59-
335		STATE SHARED REVENUES								
12	00	STATE REVENUE SHARING	43,703	46,054.96	105	174,812	184,219.84	105	524,436	340,216.16
12	20	8TH CNT MUNICIPAL GAS TAX	13,605	13,486.03	99	54,420	53,944.12	99	163,268	109,323.88
12	*	STATE REVENUE SHARING	57,308	59,540.99	104	229,232	238,163.96	104	687,704	449,540.04
14	00	MOBILE HOME LICENSES	1,833	8,391.33	458	7,332	17,716.58	242	22,000	4,283.42
15	00	ALCOHOLIC BEVERAGE	0	.00		0	1,922.80		21,717	19,794.20
18	00	LOCAL GOVERNMENT 1/2 CENT	92,494	95,958.35	104	369,976	372,163.11	101	1,109,934	737,770.89
21	00	FIREFIGHTER SUPPLEMENTAL	0	.00		4,000	.00		16,000	16,000.00
41	00	FUEL TAX REFUNDS	6,250	.00		12,500	7,728.72	62	25,000	17,271.28
335	**	STATE SHARED REVENUES	157,885	163,890.67	104	623,040	637,695.17	102	1,882,355	1,244,659.83
337		GRANTS FROM LOCAL UNITS								
337	**	GRANTS FROM LOCAL UNITS	0	.00		0	.00		0	.00
330	***	INTERGOVERNMENTAL REVENUE	208,292	202,413.11	97	769,168	805,178.78	105	2,252,924	1,447,745.22
340		CHARGES FOR SERVICES								
341		GENERAL GOVERNMENT								
30	00	ADMINISTRATIVE FEES	528,666	528,667.00	100	2,114,664	2,114,668.00	100	6,343,999	4,229,331.00
31	00	ADMIN FEES STORMWATER	14,350	14,350.00	100	57,400	57,400.00	100	172,205	114,805.00
40	00	CERTIFY/COPY/SEARCH	8,000	9,731.60	122	32,000	34,248.03	107	96,000	61,751.97
90	12	PASSPORT EXECUTION FEES	341	315.00	92	1,364	1,120.00	82	4,100	2,980.00
341	**	GENERAL GOVERNMENT	551,357	553,063.60	100	2,205,428	2,207,436.03	100	6,616,304	4,408,867.97
342		PUBLIC SAFETY								
10	00	POLICE SERVICES	2,500	.00		10,000	105.00	1	30,000	29,895.00
90	00	OTHER PUBLIC SAFETY	0	.00		0	500.00		0	500.00-
90	01	FALSE ALARM FEES	925	920.00	100	3,700	3,390.00	92	11,100	7,710.00
90	*	OTHER PUBLIC SAFETY	925	920.00	100	3,700	3,890.00	105	11,100	7,210.00
342	**	PUBLIC SAFETY	3,425	920.00	27	13,700	3,995.00	29	41,100	37,105.00
343		PHYSICAL ENVIRONMENT								
37	10	BREVARD COUNTY	35,792	40,952.40	114	143,168	122,364.04	86	429,507	307,142.96
37	11	ROCKLEDGE	22,610	23,994.30	106	90,440	95,790.79	106	271,325	175,534.21
37	12	SUN LAKE	298	320.34	108	1,192	1,263.18	106	3,578	2,314.82
37	13	CLNY PK-M.I.UTIL CO.	160	158.46	99	640	640.10	100	1,929	1,288.90

FUND 001 GENERAL FUND

ACCOUNT	ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
340	CHARGES FOR SERVICES								
343	PHYSICAL ENVIRONMENT								
37 16	COCOA BEACH	9,337	9,386.90	101	37,348	37,631.29	101	112,044	74,412.71
37 17	CAPE CANAVERAL	7,707	7,733.53	100	30,828	31,021.25	101	92,491	61,469.75
37 18	TITUSVILLE	336	349.98	104	1,344	1,408.38	105	4,032	2,623.62
37 *	WATER BILLING SERVICES	76,240	82,895.91	109	304,960	290,119.03	95	914,906	624,786.97
39 01	SERVICE CHARGES	30,827	30,374.58	99	123,308	136,212.03	111	369,924	233,711.97
39 03	ADMIN CHARGES	31,675	32,450.00	102	126,700	128,940.00	102	380,100	251,160.00
39 04	PENALTIES	70,572	77,426.97	110	282,288	284,546.01	101	846,873	562,326.99
39 05	NSF CHECKS	2,714	3,352.12	124	10,856	12,841.76	118	32,575	19,733.24
39 *	WATER OTHER INCOME	135,788	143,603.67	106	543,152	562,539.80	104	1,629,472	1,066,932.20
41 10	SOLID WASTE	164,908	168,138.52	102	659,632	650,471.46	99	1,978,903	1,328,431.54
41 20	RECYCLING REVENUE	18,065	19,070.10	106	72,260	73,454.53	102	216,789	143,334.47
41 30	GREEN WASTE	15,449	16,345.74	106	61,796	62,997.56	102	185,394	122,396.44
41 *	GARBAGE COLLECTION	198,422	203,554.36	103	793,688	786,923.55	99	2,381,086	1,594,162.45
45 10	BILLING FEE - WASTE MGMT	8,240	8,697.38	106	32,960	26,087.26	79	98,882	72,794.74
45 20	SALE-RECYCLEABLE MTRL	41	.00		164	.00		500	500.00
45 *	GARBAGE-OTHER REVENUE	8,281	8,697.38	105	33,124	26,087.26	79	99,382	73,294.74
90 01	FDOT MEDIAN MAINT	14,128	13,084.00	93	27,212	13,084.00	48	61,733	48,649.00
90 03	FDOT MNT SIGNAL/HWY LIGHT	0	.00		0	.00		216,046	216,046.00
90 *	OTHER PHYSICAL ENVIRON	14,128	13,084.00	93	27,212	13,084.00	48	277,779	264,695.00
343 **	PHYSICAL ENVIRONMENT	432,859	451,835.32	104	1,702,136	1,678,753.64	99	5,302,625	3,623,871.36
347	CULTURE/RECREATION								
39 10	PORCHER HOUSE - REVENUES	3,333	6,584.63	198	13,332	17,453.35	131	40,000	22,546.65
39 11	TENANT MAINTENANCE FEES	100	383.84	384	400	479.80	120	1,200	720.20
39 20	COCOA CIVIC CENTER	3,333	6,950.56	209	13,332	19,278.81	145	40,000	20,721.19
39 30	RIVERFRONT PARK	1,666	704.99	42	6,664	10,977.85	165	20,000	9,022.15
39 *	OTHER CULTURAL SERVICES	8,432	14,624.02	173	33,728	48,189.81	143	101,200	53,010.19
40 05	SPECIAL EVENT PERMITS	1,250	.00		5,000	3,285.00	66	15,000	11,715.00
40 *	SPECIAL EVENTS	1,250	.00		5,000	3,285.00	66	15,000	11,715.00
50 10	EVENT FEES	605	983.83	163	2,420	3,964.15	164	7,267	3,302.85
50 30	ADVERTISING/SPONSORSHIPS	538	4,200.00	781	2,152	5,700.00	265	6,458	758.00
50 *	SPECIAL REC FACILITIES	1,143	5,183.83	454	4,572	9,664.15	211	13,725	4,060.85

CITY OF COCOA, FLORIDA

FUND 001 GENERAL FUND

ACCOUNT		ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
340		CHARGES FOR SERVICES								
347		CULTURE/RECREATION								
347	**	CULTURE/RECREATION	10,825	19,807.85	183	43,300	61,138.96	141	129,925	68,786.04
340	***	CHARGES FOR SERVICES	998,466	1,025,626.77	103	3,964,564	3,951,323.63	100	12,089,954	8,138,630.37
350		FINES AND FORFEITURES								
351		JUDGMENTS AND FINES								
90	00	OTHER	1,744	721.24	41	6,976	4,666.16	67	20,930	16,263.84
351	**	JUDGMENTS AND FINES	1,744	721.24	41	6,976	4,666.16	67	20,930	16,263.84
350	***	FINES AND FORFEITURES	1,744	721.24	41	6,976	4,666.16	67	20,930	16,263.84
360		MISCELLANEOUS REVENUES								
361		INTEREST & OTHER EARNINGS								
10	00	INTEREST	7,083	7,334.06	104	28,332	29,538.60	104	85,000	55,461.40
10	02	INVESTMENT INTEREST	0	1,496.64		0	6,072.13		0	6,072.13-
10	*	INTEREST	7,083	8,830.70	125	28,332	35,610.73	126	85,000	49,389.27
40	*	GAIN/(LOSS) SALE INVEST	0	.00		0	.00		0	.00
361	**	INTEREST & OTHER EARNINGS	7,083	8,830.70	125	28,332	35,610.73	126	85,000	49,389.27
362		RENT AND ROYALTIES								
00	00	RENT AND ROYALTIES	10,490	11,691.66	112	41,960	81,898.48	195	125,886	43,987.52
362	**	RENT AND ROYALTIES	10,490	11,691.66	112	41,960	81,898.48	195	125,886	43,987.52
364		DISPOSITION FIXED ASSETS								
10	00	GAIN/LOSS	0	.00		0	4,298.75		0	4,298.75-
364	**	DISPOSITION FIXED ASSETS	0	.00		0	4,298.75		0	4,298.75-
365		SALE SURPLUS MTRLS &SCRAP								
00	00	SALE SURPLUS MTRLS &SCRAP	0	1,351.97		0	5,623.36		0	5,623.36-
365	**	SALE SURPLUS MTRLS &SCRAP	0	1,351.97		0	5,623.36		0	5,623.36-
366		CONTRIBUTIONS & DONATIONS								
00	00	CONTRIBUTIONS & DONATIONS	20,271	.00		81,084	60,000.00	74	420,985	360,985.00
10	*	DONATIONS-PRIVATE SOURCES	0	.00		0	.00		0	.00
366	**	CONTRIBUTIONS & DONATIONS	20,271	.00		81,084	60,000.00	74	420,985	360,985.00

CITY OF COCOA, FLORIDA

FUND 001 GENERAL FUND

ACCOUNT	ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
360	MISCELLANEOUS REVENUES								
366	CONTRIBUTIONS & DONATIONS								
368	PENSION CONTRIBUTIONS								
21 00	POLICE STATE CONTRIBUTION	0	.00		0	.00		171,608	171,608.00
22 00	FIRE STATE CONTRIBUTION	0	.00		0	.00		109,865	109,865.00
368 **	PENSION CONTRIBUTIONS	0	.00		0	.00		281,473	281,473.00
369	OTHER MISC REVENUES								
90 00	OTHER MISC REVENUES	6,250	1,931.65	31	25,000	7,989.92	32	75,000	67,010.08
90 02	POLICE SECURITY SERVICES	3,895	6,270.00	161	15,580	22,195.00	143	46,744	24,549.00
90 03	CODE ENF ABATE/DEMO REV	6,250	34,767.25	556	25,000	125,982.84	504	75,000	50,982.84-
90 04	MISC. POLICE REVENUES	83	253.37	305	332	1,417.63	427	1,000	417.63-
90 05	INVESTIGATIVE COSTS REIM	4,250	1,823.70	43	17,000	16,264.54	96	51,000	34,735.46
90 09	PROPERTY REGISTRATION	625	2,300.00	368	2,500	3,500.00	140	7,500	4,000.00
90 *	OTHER MISC REVENUES	21,353	47,345.97	222	85,412	177,349.93	208	256,244	78,894.07
96 00	INSURANCE REFUND/PROCEEDS	0	8,875.00		0	28,902.37		0	28,902.37-
369 **	OTHER MISC REVENUES	21,353	56,220.97	263	85,412	206,252.30	242	256,244	49,991.70
360 ***	MISCELLANEOUS REVENUES	59,197	78,095.30	132	236,788	393,683.62	166	1,169,588	775,904.38
380	OTHER SOURCES(NON-REV)								
381	INTERFUND TRANSFER								
91 10	TRF FROM COCOA CRA (110)	21,438	12,500.00	58	85,752	50,000.00	58	257,258	207,258.00
91 *	TRANSFER FROM	21,438	12,500.00	58	85,752	50,000.00	58	257,258	207,258.00
381 **	INTERFUND TRANSFER	21,438	12,500.00	58	85,752	50,000.00	58	257,258	207,258.00
382	CONTRIBUTIONS ENTERPRISE								
40 00	CONTRIBUTIONS	574,918	574,919.00	100	2,299,672	2,299,676.00	100	6,899,025	4,599,349.00
40 01	6% PILOFF	109,162	109,162.00	100	436,648	436,648.00	100	1,309,948	873,300.00
40 *	CONTRIBUTIONS	684,080	684,081.00	100	2,736,320	2,736,324.00	100	8,208,973	5,472,649.00
382 **	CONTRIBUTIONS ENTERPRISE	684,080	684,081.00	100	2,736,320	2,736,324.00	100	8,208,973	5,472,649.00
383	INSTLMT PURCH/CAP LEASE								
383 **	INSTLMT PURCH/CAP LEASE	0	.00		0	.00		0	.00
384	DEBT PROCEEDS								
384 **	DEBT PROCEEDS	0	.00		0	.00		0	.00

FUND 001 GENERAL FUND

ACCOUNT		ACCOUNT DESCRIPTION	********** CURRENT ESTIMATED	ACTUAL	%REV	******** YEAR-TO-DATE ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
380		OTHER SOURCES(NON-REV)								
384		DEBT PROCEEDS								
389		NON OPERATING SOURCES								
99	10	CASH CARRY FORWARD	528	.00		2,112	.00		6,339	6,339.00
99	50	FUND BAL-APPROP. RESERVES	182,204	.00		702,155	.00		2,159,792	2,159,792.00
99	*	BALANCE FORWARD	182,732	.00		704,267	.00		2,166,131	2,166,131.00
389	**	NON OPERATING SOURCES	182,732	.00		704,267	.00		2,166,131	2,166,131.00
380	***	OTHER SOURCES(NON-REV)	888,250	696,581.00	78	3,526,339	2,786,324.00	79	10,632,362	7,846,038.00
FUND TOTAL		GENERAL FUND	3,145,548	3,511,499.19	112	16,374,202	17,154,749.71	105	40,416,965	23,262,215.29

REPORT SELECTIONS

Fiscal year . . . . . : 2020
Fund . . . . . : 001
All Departments
All Divisions
Suppress accounts with zero balances . . . . : Y

FUND 001 GENERAL FUND

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
11-00	EXECUTIVE SALARIES	2648	2550.00	96	10592	10200.00	96	.00	31777	21577.00	32
11 **	EXECUTIVE SALARIES	2648	2550.00	96	10592	10200.00	96	.00	31777	21577.00	32
12-00	REGULAR SALARIES & WAGES	1079908	1114385.15	103	4319632	3732916.29	86	.00	12959010	9226093.71	29
12-06	SALARIES/CONTRACTUAL	2083	245.00	12	8332	4637.50	56	.00	25000	20362.50	19
12-07	EMS 1ST RESPONDER	0	.00	0	0	.00	0	.00	0	.00	0
12-10	SALARY ADJUSTMENTS	0	.00	0	0	.00	0	.00	0	.00	0
12-12	ACCRUAL PAYOUTS	2874	7723.66	269	11496	83892.38	730	.00	34507	49385.38-	243
12-13	COPS CHRP	0	.00	0	0	.00	0	.00	0	.00	0
12 **	REGULAR SALARIES & WAGES	1084865	1122353.81	104	4339460	3821446.17	88	.00	13018517	9197070.83	29
13-00	OTHER SALARIES & WAGES	68721	65469.30	95	274884	225479.45	82	.00	824717	599237.55	27
13 **	OTHER SALARIES & WAGES	68721	65469.30	95	274884	225479.45	82	.00	824717	599237.55	27
14-00	OVERTIME	31639	40663.67	129	124888	144024.11	115	.00	378072	234047.89	38
14-01	COMP TIME	583	.00	0	2332	.00	0	.00	7000	7000.00	0
14 **	OVERTIME	32222	40663.67	126	127220	144024.11	113	.00	385072	241047.89	37
15-00	SPECIAL PAY	28149	31469.04	112	112596	119683.91	106	.00	337800	218116.09	35
15 **	SPECIAL PAY	28149	31469.04	112	112596	119683.91	106	.00	337800	218116.09	35
20-00	CLOTHING/SHOE ALLOWANCE	1826	120.00	7	7304	7482.50	102	.00	21940	14457.50	34
20 **	CLOTHING/SHOE ALLOWANCE	1826	120.00	7	7304	7482.50	102	.00	21940	14457.50	34
21-00	FICA TAXES	90247	94608.14	105	360988	319919.75	89	.00	1083089	763169.25	30
21 **	FICA TAXES	90247	94608.14	105	360988	319919.75	89	.00	1083089	763169.25	30
22-00	RETIREMENT CONTRIBUTIONS	85170	70716.32	83	340680	240311.67	71	.00	1022127	781815.33	24
22-01	FIREFIGHTERS	201650	222139.65	110	806600	739212.82	92	.00	2419822	1680609.18	31
22-02	STATE CONTRIBUTIONS	19177	.00	0	128028	.00	0	.00	281473	281473.00	0
22-03	ICMA - CITY MANAGER	1234	1330.22	108	4936	2925.84	59	.00	14814	11888.16	20
22 **	RETIREMENT CONTRIBUTIONS	307231	294186.19	96	1280244	982450.33	77	.00	3738236	2755785.67	26

FUND 001 GENERAL FUND

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
23-00	LIFE/HEALTH INSURANCE	12813	23867.43	186	198522	109047.44	55	.00	301161	192113.56	36
23-02	LIFE/HEALTH GF RETIREES	49090	27251.75	56	49090	153640.90	313	1301.40	441812	286869.70	35
23-03	CONTRA CIGNA SAVINGS	0	.00	0	0	.00	0	.00	0	.00	0
23-04	MEDICAL/RX SELF INSURED	319585	253428.92	79	1278340	931213.87	73	.00	3835173	2903959.13	24
23 **	LIFE/HEALTH INSURANCE	381488	304548.10	80	1525952	1193902.21	78	1301.40	4578146	3382942.39	26
24-00	WORKER'S COMPENSATION	57050	56431.00	99	228200	209504.27	92	.00	684723	475218.73	31
24 **	WORKER'S COMPENSATION	57050	56431.00	99	228200	209504.27	92	.00	684723	475218.73	31
25-00	UNEMPLOYMENT COMPENSATION	416	.00	0	1664	.00	0	.00	5000	5000.00	0
25 **	UNEMPLOYMENT COMPENSATION	416	.00	0	1664	.00	0	.00	5000	5000.00	0
27-00	BENEFIT OFFSET	21223	19020.00	90	84892	70837.50	83	.00	254680	183842.50	28
27 **	BENEFIT OFFSET	21223	19020.00	90	84892	70837.50	83	.00	254680	183842.50	28
31-00	PROFESSIONAL SERVICES	62320	34375.76	55	247198	109993.47	45	100547.62	745806	535264.91	28
31-01	LEGAL EXPENSES	38414	25312.63	66	153656	106672.24	69	313940.76	460973	40360.00	91
31-02	MEDICAL SERVICES	3812	21103.50	554	15248	23371.49	153	17958.53	45755	4424.98	90
31-03	ENGINEERING SERVICES	0	.00	0	0	.00	0	.00	0	.00	0
31-05	EMS 1ST RESPONDER	1125	.00	0	4500	13500.00	300	.00	13500	.00	100
31-06	EDA-04-69-07348 GRANT	5364	.00	0	16092	.00	0	59000.00	59000	.00	100
31-33	EMPLOYEE HEALTH CENTER	15710	14313.76	91	62840	49892.98	79	138634.52	188528	.50	100
31 **	PROFESSIONAL SERVICES	126745	95105.65	75	499534	303430.18	61	630081.43	1513562	580050.39	62
32-00	ACCOUNTING & AUDITING	7777	5000.00	64	17776	12500.00	70	60000.00	80000	7500.00	91
32 **	ACCOUNTING & AUDITING	7777	5000.00	64	17776	12500.00	70	60000.00	80000	7500.00	91
34-00	CONTRACT SERVICES	82894	76447.30	92	325662	331423.81	102	542099.64	988877	115353.55	88
34-02	FDEP-RESILIENCY4190120	0	.00	0	0	.00	0	.00	0	.00	0
34-03	CUSTOMER SERVICE CONTRACT	158333	163889.46	104	633332	491704.43	78	.00	1900000	1408295.57	26
34-07	JANITORIAL CONTRACT SVS	0	.00	0	0	.00	0	.00	0	.00	0

FUND 001 GENERAL FUND

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
34-09	MOWING CONTRACTS	13294	12955.00	97	48044	42280.00	88	94100.00	154397	18017.00	88
34-10	COST OF GENERAL FUND SVCS	0	.00	0	0	.00	0	.00	0	.00	0
34 **	CONTRACT SERVICES	254521	253291.76	100	1007038	865408.24	86	636199.64	3043274	1541666.12	49
39-00	CONTINGENCY	7567	.00	0	60687	.00	0	.00	121221	121221.00	0
39-01	EMS RESTRICTED	0	.00	0	0	.00	0	.00	0	.00	0
39-10	RESERVE CONTINGENCY	0	.00	0	0	.00	0	.00	0	.00	0
39-15	WAGE AND SALARY	4447	.00	0	8894	.00	0	.00	0	.00	0
39-20	FUEL, OIL & LUBRICANTS	0	.00	0	0	.00	0	.00	0	.00	0
39 **	CONTINGENCY	12014	.00	0	69581	.00	0	.00	121221	121221.00	0
40-00	TRAVEL & PER DIEM	6394	883.17	14	25576	12763.37	50	100.00	76826	63962.63	17
40-01	CAR ALLOWANCE	0	.00	0	0	.00	0	.00	0	.00	0
40 **	TRAVEL & PER DIEM	6394	883.17	14	25576	12763.37	50	100.00	76826	63962.63	17
41-00	COMMUNICATION	14432	12715.79	88	57459	46204.00	80	97842.11	172941	28894.89	83
41 **	COMMUNICATION	14432	12715.79	88	57459	46204.00	80	97842.11	172941	28894.89	83
42-00	POSTAGE & FREIGHT	36943	29721.71	81	144509	100750.31	70	295830.14	430565	33984.55	92
42 **	POSTAGE & FREIGHT	36943	29721.71	81	144509	100750.31	70	295830.14	430565	33984.55	92
43-00	ELECTRIC/WATER/SEWER	60056	51927.66	87	240224	156105.51	65	499032.57	720704	65565.92	91
43 **	ELECTRIC/WATER/SEWER	60056	51927.66	87	240224	156105.51	65	499032.57	720704	65565.92	91
44-00	RENTALS AND LEASES	11572	41029.57	355	46288	69341.54	150	39908.26	138911	29661.20	79
44 **	RENTALS AND LEASES	11572	41029.57	355	46288	69341.54	150	39908.26	138911	29661.20	79
45-00	INSURANCE	40990	.00	0	163960	247796.91	151	.00	491918	244121.09	50
45 **	INSURANCE	40990	.00	0	163960	247796.91	151	.00	491918	244121.09	50
46-00	REPAIRS & MAINTENANCE	153385	71111.71	46	611786	427387.36	70	372125.89	1838947	1039433.75	44
46-02	REPAIR/MAINT BUILDING	22037	8828.25	40	88148	30301.67	34	53154.33	264450	180994.00	32
46-03	REPAIR/MAINT-VEHICLES	20997	29871.24	142	84108	68280.45	81	4388.00	252153	179484.55	29

FUND 001 GENERAL FUND

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
46-05	HYDRANT FEES	17739	18330.12	103	70956	73320.48	103	.00	212871	139550.52	34
46-15	INSURED VEHICLE ACCIDENT	0	.00	0	0	.00	0	.00	0	.00	0
46 **	REPAIRS & MAINTENANCE	214158	128141.32	60	854998	599289.96	70	429668.22	2568421	1539462.82	40
47-00	PRINTING & BINDING	17588	13810.78	79	59851	35913.60	60	105716.11	169275	27645.29	84
47 **	PRINTING & BINDING	17588	13810.78	79	59851	35913.60	60	105716.11	169275	27645.29	84
48-00	PROMOTIONAL ACTIVITIES	4479	7439.91	166	17816	16839.13	95	.00	53675	36835.87	31
48-11	BUSINESS ASSIST. PROGRAM	1666	.00	0	6664	.00	0	.00	20000	20000.00	0
48 **	PROMOTIONAL ACTIVITIES	6145	7439.91	121	24480	16839.13	69	.00	73675	56835.87	23
49-00	OTHER CHARGES & OBLIG.	24415	33842.29	139	87991	111344.36	127	135346.50	283375	36684.14	87
49-02	ADVERTISING	236	.00	0	944	.00	0	142.00	2850	2708.00	5
49-05	BROWNFIELDS REDEV PROG	0	.00	0	0	.00	0	.00	0	.00	0
49-06	BROWNFIELD PROG CITY COST	1250	.00	0	5000	5439.35	109	9857.66	15000	297.01-	102
49-07	BAD DEBT EXPENSE	0	4088.50-	0	0	15206.70-	0	.00	0	15206.70	0
49-08	CASH OVER/SHORT	0	.00	0	0	.00	0	.00	0	.00	0
49-15	OBSOLETE INVENTORY	0	.00	0	0	.00	0	.00	0	.00	0
49-17	DAMAGED INVENTORY	0	.00	0	0	.00	0	.00	0	.00	0
49-21	PD INVESTIGATIVE FUNDS	1666	.00	0	6664	.00	0	.00	20000	20000.00	0
49 **	OTHER CHARGES & OBLIG.	27567	29753.79	108	100599	101577.01	101	145346.16	321225	74301.83	77
51-00	OFFICE SUPPLIES	3935	1828.14	47	15839	7952.08	50	1629.07	47408	37826.85	20
51 **	OFFICE SUPPLIES	3935	1828.14	47	15839	7952.08	50	1629.07	47408	37826.85	20
52-00	OPERATING SUPPLIES	59408	147774.63	249	238573	326194.45	137	156145.32	713943	231603.23	68
52-02	UNIFORMS	1863	42.00	2	7452	1475.30	20	19554.47	22365	1335.23	94
52-05	EMS 1st RESP-CONSUM SUPP	3137	2612.40	83	12817	8206.27	64	14644.29	37920	15069.44	60
52-07	JANITORIAL SUPPLIES	2396	1451.77	61	9584	7451.88	78	.00	28771	21319.12	26
52-10	HEATING FUEL	251	239.92	96	1004	816.03	81	2195.97	3012	.00	100

FUND 001 GENERAL FUND

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
52-11	JAG GRANT	1951	18546.00	951	7492	18546.00	248	4552.38	23099	.62	100
52-12	BULLETPROOF VEST GRANT	2415	.00	0	6582	.00	0	21013.24	25896	4882.76	81
52-13	VOCA GRANT	325	.00	0	325	.00	0	254.38	2926	2671.62	9
52-30	FUEL, OIL, & LUBRICANTS	20912	.00	0	83648	16903.00	20	.00	251034	234131.00	7
52-33	EMPLOYEE HEALTH CENTER	7980	6685.64	84	31920	20211.57	63	75548.43	95760	.00	100
52 **	OPERATING SUPPLIES	100638	177352.36	176	399397	399804.50	100	293908.48	1204726	511013.02	58
53-00	ROAD MATERIALS/SUPPLIES	1250	3887.80	311	5000	6211.23	124	4688.77	15000	4100.00	73
53 **	ROAD MATERIALS/SUPPLIES	1250	3887.80	311	5000	6211.23	124	4688.77	15000	4100.00	73
54-00	MEMBERSHIP/PUBLICATIONS	3588	5207.63	145	14352	20663.69	144	.00	43187	22523.31	48
54 **	MEMBERSHIP/PUBLICATIONS	3588	5207.63	145	14352	20663.69	144	.00	43187	22523.31	48
55-00	TRAINING	10649	1906.74	18	42596	17490.76	41	2075.00	127899	108333.24	15
55-01	EDA PROGRAM	833	.00	0	3332	234.00	7	.00	10000	9766.00	2
55 **	TRAINING	11482	1906.74	17	45928	17724.76	39	2075.00	137899	118099.24	14
56-15	IT-RELATED OPERATING EXP	25302	10020.44	40	101208	79062.74	78	47818.13	303719	176838.13	42
56-16	EMS DATA COLLECTION-BEMO	1155	.00	0	4620	.00	0	.00	13865	13865.00	0
56 **	TECHNOLOGY SYSTEMS	26457	10020.44	38	105828	79062.74	75	47818.13	317584	190703.13	40
58-97	LABOR	0	.00	0	0	.00	0	.00	0	.00	0
58-98	EQUIPMENT	0	.00	0	0	.00	0	.00	0	.00	0
58-99	OTHER CHARGES	0	.00	0	0	.00	0	.00	0	.00	0
58 **	WORK ORDER CHARGES	0	.00	0	0	.00	0	.00	0	.00	0
59-00	DEPRECIATION EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
59 **	DEPRECIATION EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
61-00	LAND	0	.00	0	0	.00	0	.00	0	.00	0
61 **	LAND	0	.00	0	0	.00	0	.00	0	.00	0
62-00	BUILDINGS	0	.00	0	0	.00	0	.00	0	.00	0

FUND 001 GENERAL FUND

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE****** BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
62-33	EMPLOYEE HEALTH CENTER	0	.00	0	0	.00	0	.00	0	.00	0
62 **	BUILDINGS	0	.00	0	0	.00	0	.00	0	.00	0
63-00	INFRASTRUCTURE	5182	.00	0	20546	2000.00	10	.00	62000	60000.00	3
63 **	INFRASTRUCTURE	5182	.00	0	20546	2000.00	10	.00	62000	60000.00	3
64-00	MACHINERY AND EQUIPMENT	49226	41795.00	85	191589	114042.63	60	317935.17	585440	153462.20	74
64-01	BC EMS GRANT 2020 AWARD	0	.00	0	0	.00	0	.00	0	.00	0
64-15	IT HARDWARE	11334	.00	0	42845	27401.10	64	.00	133529	106127.90	21
64-33	EMPLOYEE HEALTH CENTER	0	.00	0	0	.00	0	.00	0	.00	0
64 **	MACHINERY AND EQUIPMENT	60560	41795.00	69	234434	141443.73	60	317935.17	718969	259590.10	64
68-10	SFTWR & OTHER INTANGIBLES	0	.00	0	0	.00	0	.00	0	.00	0
68 **	INTANGIBLE ASSETS	0	.00	0	0	.00	0	.00	0	.00	0
71-00	DEBT SERVICE - PRINCIPAL	0	.00	0	0	.00	0	.00	0	.00	0
71 **	DEBT SERVICE - PRINCIPAL	0	.00	0	0	.00	0	.00	0	.00	0
72-00	DEBT SERVICE - INTEREST	0	.00	0	0	.00	0	.00	0	.00	0
72 **	DEBT SERVICE - INTEREST	0	.00	0	0	.00	0	.00	0	.00	0
73-00	OTHER DEBT SVC COSTS	0	.00	0	0	.00	0	.00	0	.00	0
73 **	OTHER DEBT SVC COSTS	0	.00	0	0	.00	0	.00	0	.00	0
81-00	AIDS TO GOVT AGENCY	90424	.00	0	361696	1085094.00	300	.00	1085094	.00	100
81 **	AIDS TO GOVT AGENCY	90424	.00	0	361696	1085094.00	300	.00	1085094	.00	100
82-01	ECON DEV INCENTIVE CONTR	0	.00	0	0	.00	0	.00	0	.00	0
82 **	AID PRIVATE ORGANIZATION	0	.00	0	0	.00	0	.00	0	.00	0
83-00	OTHER GRANTS & AIDS	0	.00	0	0	.00	0	.00	0	.00	0
83-01	MISC GRANTS/DONATIONS	7975	.00	0	31900	.00	0	.00	95700	95700.00	0
83 **	OTHER GRANTS AND AIDS	7975	.00	0	31900	.00	0	.00	95700	95700.00	0
91-03	CDBG (103)	0	.00	0	0	.00	0	.00	0	.00	0

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
FUND 001	GENERAL FUND										
91-04	BC HOME (104)	0	.00	0	0	.00	0	.00	0	.00	0
91-08	SEC 108 LOAN GUARANTEE	1994	.00	0	3988	.00	0	.00	19937	19937.00	0
91-10	CRA (110)	0	.00	0	0	.00	0	.00	0	.00	0
91-11	DIAMOND SQUARE (111)	0	.00	0	0	.00	0	.00	0	.00	0
91-12	US 1 CORRIDOR (112)	0	.00	0	0	.00	0	.00	0	.00	0
91-20	TRANSFER TO DEBT SVC 201	2742	2743.00	100	140970	146007.00	104	.00	1783246	1637239.00	8
91-21	WATER SEWER 421	0	.00	0	0	.00	0	.00	0	.00	0
91-23	TO STORMWATER 423	0	.00	0	0	.00	0	.00	0	.00	0
91-25	TO RESTRICTED ASSET 425	0	.00	0	0	.00	0	.00	0	.00	0
91-30	GF CAPITAL PROJECTS 301	0	.00	0	0	.00	0	.00	0	.00	0
91-32	CP 302 RVRFRNT/LEEWNR PK	0	.00	0	0	.00	0	.00	0	.00	0
91-33	CP 303 FISKE BV CMPLT STR	0	.00	0	0	.00	0	.00	0	.00	0
91-52	SELF INSURANCE FUND 520	0	.00	0	0	.00	0	.00	0	.00	0
91-53	HEALTH INSURANCE FUND 530	0	.00	0	0	.00	0	.00	0	.00	0
91 **	INTERFUND TRANSFER	4736	2743.00	58	144958	146007.00	101	.00	1803183	1657176.00	8
FUND 001	TOTAL *********										
	GENERAL FUND	3229215	2944981.47	91	13045747	11578813.69	89	3609080.66	40416965	25229070.65	38
GRAND	TOTAL *********										
		3229215	2944981.47	91	13045747	11578813.69	89	3609080.66	40416965	25229070.65	38

FY 2020 Budget by Classification Report - Summary Listing

0/31/2020

Target for January 2020 is 33%

FUND 421 - WATER/SEWER FUND

	Amended Budget	YTD Encumbrances	YTD Actual Transactions	Budget - YTD Transactions	% Used/Rec'd
REVENUE					
IMPACT FEES	$ 2,264,715		$ 1,496,500	$ 768,215	66%
CHARGES FOR SERVICES	$ 63,076,683		$ 21,471,084	$ 41,605,600	34%
MISCELLANEOUS	$ 146,300		$ (4,682)	$ 150,982	-3%
OTHER SOURCES (NON-REVENUE)	$ 1,529,480		$ 531,751	$ 997,729	35%
REVENUE TOTALS	**$ 67,017,178**	-	**$ 23,494,652**	**$ 43,522,526**	**35%**
EXPENSE					
SALARIES AND BENEFITS	$ 16,205,101	$ -	$ 4,631,935	$ 11,573,166	29%
OPERATING EXPENDITURES	$ 27,384,062	$ 7,768,088	$ 6,487,339	$ 13,128,635	52%
CAPITAL OUTLAY	$ 5,455,892	$ 1,614,643	$ 744,969	$ 3,096,280	43%
GRANTS, AIDS AND OTHER	$ 17,972,123	$ -	$ 5,875,133	$ 12,096,990	33%
EXPENSE TOTALS	**$ 67,017,178**	**$ 9,382,731**	**$ 17,739,376**	**$ 39,895,071**	40%
REVENUE TOTALS	**$ 67,017,178**	**$ -**	**$ 23,494,652**	**$ 43,522,526**	**35%**
EXPENSE TOTALS	**$ 67,017,178**	**$ 9,382,731**	**$ 17,739,376**	**$ 39,895,071**	**40%**
	$ -	**$ (9,382,731)**	**$ 5,755,276**	**$ 3,627,455**	

FUND 421 WATER/SEWER ENTERPRISE

ACCOUNT		ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
320		OTHER PERMITS & FEES								
324		IMPACT FEES								
	03 10	WATER - RESIDENTIAL	87,175	276,350.00	317	348,700	1,435,875.00	412	1,046,102	389,773.00-
	03 11	WATER - COMMERCIAL	90,733	.00		362,932	.00		1,088,801	1,088,801.00
	03 20	SEWER - RESIDENTIAL	973	2,500.00	257	3,892	57,500.00	1477	11,684	45,816.00-
	03 21	SEWER - COMMERCIAL	9,844	3,125.00	32	39,376	3,125.00	8	118,128	115,003.00
	03 *	IMPACT FEES	188,725	281,975.00	149	754,900	1,496,500.00	198	2,264,715	768,215.00
324	**	IMPACT FEES	188,725	281,975.00	149	754,900	1,496,500.00	198	2,264,715	768,215.00
320	***	OTHER PERMITS & FEES	188,725	281,975.00	149	754,900	1,496,500.00	198	2,264,715	768,215.00
330		INTERGOVERNMENTAL REVENUE								
331		FEDERAL GRANTS								
331	**	FEDERAL GRANTS	0	.00		0	.00		0	.00
334		STATE GRANT								
334	**	STATE GRANT	0	.00		0	.00		0	.00
337		GRANTS FROM LOCAL UNITS								
337	**	GRANTS FROM LOCAL UNITS	0	.00		0	.00		0	.00
330	***	INTERGOVERNMENTAL REVENUE	0	.00		0	.00		0	.00
340		CHARGES FOR SERVICES								
343		PHYSICAL ENVIRONMENT								
	31 00	WATER SALES	4,484,834	4,744,996.53	106	17,939,336	17,932,913.92	100	53,818,010	35,885,096.08
	33 00	WATER CONNECTION FEE	20,000	52,180.00	261	80,000	198,645.77	248	240,000	41,354.23
	33 *	WATER CONNECTION FEE	20,000	52,180.00	261	80,000	198,645.77	248	240,000	41,354.23
	36 00	WATER HYDRANT FEES	237,354	292,747.79	123	949,416	1,163,678.53	123	2,848,254	1,684,575.47
	39 06	HYDRANT RESID FLOW TEST	133	700.00	526	532	3,900.00	733	1,600	2,300.00-
	39 07	BACKFLOW DEVICE TEST	12,083	16,946.68	140	48,332	66,356.03	137	145,000	78,643.97
	39 08	JUMPER METERS	58	100.00	172	232	500.00	216	700	200.00
	39 09	PLAN REVIEW/CONST INSPECT	1,000	3,000.00	300	4,000	6,500.00	163	12,000	5,500.00
	39 10	BACKFLOW PRV/RLCT TEMP	41	110.84	270	164	371.68	227	500	128.32
	39 *	WATER OTHER INCOME	13,315	20,857.52	157	53,260	77,627.71	146	159,800	82,172.29
	51 00	SEWER SALES	468,746	540,464.22	115	1,874,984	1,966,325.90	105	5,624,961	3,658,635.10
	51 *	SEWER SALES	468,746	540,464.22	115	1,874,984	1,966,325.90	105	5,624,961	3,658,635.10

CITY OF COCOA, FLORIDA

FUND 421 WATER/SEWER ENTERPRISE

ACCOUNT	ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
340	CHARGES FOR SERVICES								
343	PHYSICAL ENVIRONMENT								
59 01	GREASE TRAP PERMITS	516	717.24	139	2,064	2,805.41	136	6,200	3,394.59
60 00	REUSE WATER SALES	31,038	32,151.97	104	124,152	128,271.72	103	372,458	244,186.28
60 01	REUSE WATER INSTALLATION	583	187.95	32	2,332	814.54	35	7,000	6,185.46
60 *	REUSE WATER SALES	31,621	32,339.92	102	126,484	129,086.26	102	379,458	250,371.74
343 **	PHYSICAL ENVIRONMENT	5,256,386	5,684,303.22	108	21,025,544	21,471,083.50	102	63,076,683	41,605,599.50
340 ***	CHARGES FOR SERVICES	5,256,386	5,684,303.22	108	21,025,544	21,471,083.50	102	63,076,683	41,605,599.50
360	MISCELLANEOUS REVENUES								
361	INTEREST & OTHER EARNINGS								
10 00	INTEREST	6,666	4,239.38	64	26,664	15,317.70	57	80,000	64,682.30
10 02	INVESTMENT INTEREST	0	176.58		0	41,420.19-		0	41,420.19
10 *	INTEREST	6,666	4,415.96	66	26,664	26,102.49-	98	80,000	106,102.49
40 00	GAIN/(LOSS) SALE INVEST	0	3,113,799.65		0	731.19		0	731.19-
40 02	UNREALIZED GAIN/(LOSS)	0	.00		0	520.72-		0	520.72
40 *	GAIN/(LOSS) SALE INVEST	0	3,113,799.65		0	210.47		0	210.47-
361 **	INTEREST & OTHER EARNINGS	6,666	3,118,215.61	6778	26,664	25,892.02-	97	80,000	105,892.02
362	RENT AND ROYALTIES								
00 00	RENT AND ROYALTIES	108	.00		432	1,300.00	301	1,300	.00
362 **	RENT AND ROYALTIES	108	.00		432	1,300.00	301	1,300	.00
364	DISPOSITION FIXED ASSETS								
00 00	DISPOSITION FIXED ASSETS	1,250	.00		5,000	.00		15,000	15,000.00
10 00	GAIN/LOSS	0	.00		0	13,029.39		0	13,029.39-
364 **	DISPOSITION FIXED ASSETS	1,250	.00		5,000	13,029.39	261	15,000	1,970.61
365	SALE SURPLUS MTRLS &SCRAP								
00 00	SALE SURPLUS MTRLS &SCRAP	833	.00		3,332	2,155.59	65	10,000	7,844.41
365 **	SALE SURPLUS MTRLS &SCRAP	833	.00		3,332	2,155.59	65	10,000	7,844.41
369	OTHER MISC REVENUES								
90 00	OTHER MISC REVENUES	3,333	3,962.56	119	13,332	837.63	6	40,000	39,162.37
90 06	SETTLEMENTS	0	.00		0	3,887.59		0	3,887.59-
90 *	OTHER MISC REVENUES	3,333	3,962.56	119	13,332	4,725.22	35	40,000	35,274.78

FUND 421 WATER/SEWER ENTERPRISE

ACCOUNT		ACCOUNT DESCRIPTION	********** CURRENT ESTIMATED	ACTUAL	%REV	******** YEAR-TO-DATE ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
360		MISCELLANEOUS REVENUES								
369		OTHER MISC REVENUES								
369	**	OTHER MISC REVENUES	3,333	3,962.56	119	13,332	4,725.22	35	40,000	35,274.78
360	***	MISCELLANEOUS REVENUES	12,190	3,122,178.17	5613	48,760	4,681.82-	10	146,300	150,981.82
380		OTHER SOURCES(NON-REV)								
381		INTERFUND TRANSFER								
91	*	TRANSFER FROM	0	.00		0	.00		0	.00
381	**	INTERFUND TRANSFER	0	.00		0	.00		0	.00
383		INSTLMT PURCH/CAP LEASE								
383	**	INSTLMT PURCH/CAP LEASE	0	.00		0	.00		0	.00
389		NON OPERATING SOURCES								
81	00	CONTRIBUTION LIFT STATION	0	6,525.00		0	70,325.00		0	70,325.00-
82	00	CONTRIBUTION S MAINLAND	0	.00		0	264,299.15		0	264,299.15-
83	00	CONTRIBUTION VIERA	0	107,408.72		0	197,126.59		0	197,126.59-
83	*	CONTRIBUTION VIERA	0	107,408.72		0	197,126.59		0	197,126.59-
99	50	FUND BAL-APPROP. RESERVES	149,942	.00		329,945	.00		1,529,480	1,529,480.00
99	*	BALANCE FORWARD	149,942	.00		329,945	.00		1,529,480	1,529,480.00
389	**	NON OPERATING SOURCES	149,942	113,933.72	76	329,945	531,750.74	161	1,529,480	997,729.26
380	***	OTHER SOURCES(NON-REV)	149,942	113,933.72	76	329,945	531,750.74	161	1,529,480	997,729.26
FUND TOTAL		WATER/SEWER ENTERPRISE	5,607,243	9,202,390.11	164	22,159,149	23,494,652.42	106	67,017,178	43,522,525.58

REPORT SELECTIONS

Fiscal year . . . . . : 2020
Fund . . . . . : 421
All Departments
All Divisions
Suppress accounts with zero balances . . . . : Y

FUND 421 WATER/SEWER ENTERPRISE

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
12-00	REGULAR SALARIES & WAGES	773200	698801.52	90	3092800	2354160.38	76	.00	9278436	6924275.62	25
12-10	SALARY ADJUSTMENTS	0	.00	0	0	.00	0	.00	0	.00	0
12-12	ACCRUAL PAYOUTS	1267	11845.98	935	5068	46192.69	912	.00	15208	30984.69-	304
12 **	REGULAR SALARIES & WAGES	774467	710647.50	92	3097868	2400353.07	78	.00	9293644	6893290.93	26
13-00	OTHER SALARIES & WAGES	43826	70069.00	160	175304	237786.21	136	.00	525937	288150.79	45
13 **	OTHER SALARIES & WAGES	43826	70069.00	160	175304	237786.21	136	.00	525937	288150.79	45
14-00	OVERTIME	43446	67410.63	155	173784	211970.48	122	.00	521393	309422.52	41
14-01	COMP TIME	0	.00	0	0	.00	0	.00	0	.00	0
14 **	OVERTIME	43446	67410.63	155	173784	211970.48	122	.00	521393	309422.52	41
15-00	SPECIAL PAY	175	175.00	100	700	700.00	100	.00	2100	1400.00	33
15 **	SPECIAL PAY	175	175.00	100	700	700.00	100	.00	2100	1400.00	33
20-00	CLOTHING/SHOE ALLOWANCE	1616	360.00	22	6464	17535.00	271	.00	19420	1885.00	90
20 **	CLOTHING/SHOE ALLOWANCE	1616	360.00	22	6464	17535.00	271	.00	19420	1885.00	90
21-00	FICA TAXES	64428	63694.26	99	257712	213938.69	83	.00	773178	559239.31	28
21 **	FICA TAXES	64428	63694.26	99	257712	213938.69	83	.00	773178	559239.31	28
22-00	RETIREMENT CONTRIBUTIONS	95194	80331.64	84	380776	608087.96	160	.00	1142362	534274.04	53
22-01	POLICE/FIRE	0	.00	0	0	.00	0	.00	0	.00	0
22 **	RETIREMENT CONTRIBUTIONS	95194	80331.64	84	380776	608087.96	160	.00	1142362	534274.04	53
23-00	LIFE/HEALTH INSURANCE	19029	16885.63	89	76116	68846.42	90	.00	228372	159525.58	30
23-02	LIFE/HEALTH RETIREES	14932	9855.54	66	59728	55699.96	93	.00	179186	123486.04	31
23-03	CONTRA CIGNA SAVINGS	0	.00	0	0	.00	0	.00	0	.00	0
23-04	MEDICAL/RX SELF INSURED	236006	161917.44	69	944024	616338.02	65	.00	2832109	2215770.98	22
23-99	OPEB HEALTH EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
23 **	LIFE/HEALTH INSURANCE	269967	188658.61	70	1079868	740884.40	69	.00	3239667	2498782.60	23
24-00	WORKER'S COMPENSATION	44039	42579.69	97	176156	159003.79	90	.00	528500	369496.21	30

FUND 421 WATER/SEWER ENTERPRISE

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
24 **	WORKER'S COMPENSATION	44039	42579.69	97	176156	159003.79	90	.00	528500	369496.21	30
25-00	UNEMPLOYMENT COMPENSATION	416	.00	0	1664	.00	0	.00	5000	5000.00	0
25 **	UNEMPLOYMENT COMPENSATION	416	.00	0	1664	.00	0	.00	5000	5000.00	0
26-00	OPEB HEALTH EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
26 **	OPEB HEALTH EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
27-00	BENEFIT OFFSET	12825	10750.00	84	51300	41675.00	81	.00	153900	112225.00	27
27 **	BENEFIT OFFSET	12825	10750.00	84	51300	41675.00	81	.00	153900	112225.00	27
31-00	PROFESSIONAL SERVICES	36861	5819.52	16	134306	29019.30	22	85301.02	429216	314895.68	27
31-01	LEGAL EXPENSES	6666	392.70	6	26664	991.10	4	24008.90	80000	55000.00	31
31-02	MEDICAL SERVICES	0	.00	0	0	.00	0	.00	0	.00	0
31-03	ENGINEERING SERVICES	39182	8282.62	21	143628	18433.18	13	175449.42	457095	263212.40	42
31-33	EMPLOYEE HEALTH CENTER	11300	10295.85	91	45200	35887.96	79	99719.54	135608	.50	100
31 **	PROFESSIONAL SERVICES	94009	24790.69	26	349798	84331.54	24	384478.88	1101919	633108.58	43
32-00	ACCOUNTING & AUDITING	1111-	.00	0	8888	7500.00	84	.00	0	7500.00-	0
32 **	ACCOUNTING & AUDITING	1111-	.00	0	8888	7500.00	84	.00	0	7500.00-	0
34-00	CONTRACT SERVICES	122481	32572.06	27	488812	69931.01	14	163738.67	1468680	1235010.32	16
34-09	MOWING CONTRACTS	0	.00	0	0	.00	0	.00	0	.00	0
34-10	COST OF GENERAL FUND SVCS	528666	528667.00	100	2114664	2114668.00	100	.00	6343999	4229331.00	33
34 **	CONTRACT SERVICES	651147	561239.06	86	2603476	2184599.01	84	163738.67	7812679	5464341.32	30
39-00	CONTINGENCY	88514	.00	0	367156	.00	0	.00	1075279	1075279.00	0
39-02	BOND RESERVE	0	.00	0	0	.00	0	.00	0	.00	0
39-15	WAGE AND SALARY	0	.00	0	0	.00	0	.00	0	.00	0
39 **	CONTINGENCY	88514	.00	0	367156	.00	0	.00	1075279	1075279.00	0
40-00	TRAVEL AND PER DIEM	1926	39.00	2	7704	797.35	10	.00	23138	22340.65	3
40-01	CAR ALLOWANCE	0	.00	0	0	.00	0	.00	0	.00	0

FUND 421 WATER/SEWER ENTERPRISE

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
40 **	TRAVEL AND PER DIEM	1926	39.00	2	7704	797.35	10	.00	23138	22340.65	3
41-00	COMMUNICATION	10949	9978.61	91	43796	39130.04	89	88461.88	131409	3817.08	97
41 **	COMMUNICATION	10949	9978.61	91	43796	39130.04	89	88461.88	131409	3817.08	97
42-00	FREIGHT & POSTAGE SERVICE	2024	146.91	7	7590	4634.38	61	575.00	23820	18610.62	22
42 **	FREIGHT & POSTAGE SERVICE	2024	146.91	7	7590	4634.38	61	575.00	23820	18610.62	22
43-00	ELECTRIC/WATER/SEWER	202256	126480.04	63	809024	412870.23	51	1995696.18	2427087	18520.59	99
43 **	ELECTRIC/WATER/SEWER	202256	126480.04	63	809024	412870.23	51	1995696.18	2427087	18520.59	99
44-00	RENTAL AND LEASES	3711	1075.00	29	14844	7497.77	51	3200.00	44550	33852.23	24
44 **	RENTAL AND LEASES	3711	1075.00	29	14844	7497.77	51	3200.00	44550	33852.23	24
45-00	INSURANCE	40543	.00	0	162172	247714.23	153	.00	486534	238819.77	51
45 **	INSURANCE	40543	.00	0	162172	247714.23	153	.00	486534	238819.77	51
46-00	REPAIRS & MAINTENANCE	653031	472128.74	72	2573420	1729661.20	67	1796487.45	7797712	4271563.35	45
46-02	REPAIR/MAINT BUILDING	27435	2821.66	10	109740	39321.67	36	7584.00	329233	282327.33	14
46-03	REPAIR/MAINT-VEHICLES	16991	10969.88	65	67964	34467.95	51	.00	203935	169467.05	17
46-15	INSURED VEHICLE ACCIDENT	0	.00	0	0	.00	0	.00	0	.00	0
46 **	REPAIRS & MAINTENANCE	697457	485920.28	70	2751124	1803450.82	66	1804071.45	8330880	4723357.73	43
47-00	PRINTING & BINDING	603	.00	0	2412	65.25	3	26.00	7280	7188.75	1
47 **	PRINTING & BINDING	603	.00	0	2412	65.25	3	26.00	7280	7188.75	1
48-00	PROMOTIONAL ACTIVITIES	1666	250.00	15	6664	1155.55	17	.00	20000	18844.45	6
48 **	PROMOTIONAL ACTIVITIES	1666	250.00	15	6664	1155.55	17	.00	20000	18844.45	6
49-00	OTHER CHARGES & OBLIG.	3143	1014.11	32	12572	13243.17	105	.00	37736	24492.83	35
49-02	ADVERTISING	0	.00	0	0	.00	0	.00	0	.00	0
49-07	BAD DEBT EXPENSE	0	5984.98-	0	0	22457.19-	0	.00	0	22457.19	0
49-08	CASH OVER & UNDER	0	.52-	0	0	29.63-	0	.00	0	29.63	0
49-09	DOCUMENT RECORDING CHGS	0	313.60-	0	0	2685.60-	0	.00	0	2685.60	0

FUND 421 WATER/SEWER ENTERPRISE

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
49-15	OBSOLETE INVENTORY	0	.00	0	0	.00	0	.00	0	.00	0
49-17	DAMAGED INVENTORY	0	.00	0	0	.00	0	.00	0	.00	0
49 **	OTHER CHARGES & OBLIG.	3143	5284.99-	168-	12572	11929.25-	95-	.00	37736	49665.25	32-
51-00	OFFICE SUPPLIES	2224	135.22	6	8896	3095.07	35	.00	26720	23624.93	12
51 **	OFFICE SUPPLIES	2224	135.22	6	8896	3095.07	35	.00	26720	23624.93	12
52-00	OPERATING SUPPLIES	54079	67338.28	125	256088	337095.31	132	123220.71	688753	228436.98	67
52-07	JANITORIAL SUPPLIES	852	367.71	43	3408	1789.70	53	.00	10240	8450.30	18
52-09	CHEMICALS	353351	249936.02	71	1413404	1112291.73	79	2979672.76	4240227	148262.51	97
52-30	FUEL OIL & LUBRICANTS	30410	5102.31	17	121640	36594.30	30	77419.09	364963	250949.61	31
52-33	EMPLOYEE HEALTH CENTER	5740	4808.90	84	22960	14538.02	63	54341.98	68880	.00	100
52 **	OPERATING SUPPLIES	444432	327553.22	74	1817500	1502309.06	83	3234654.54	5373063	636099.40	88
53-00	ROAD MATERIALS/SUPPLIES	3748	.00	0	14992	.00	0	38360.00	45000	6640.00	85
53 **	ROAD MATERIALS/SUPPLIES	3748	.00	0	14992	.00	0	38360.00	45000	6640.00	85
54-00	MEMBERSHIP/PUBLICATIONS	3189	130.00	4	12756	32464.00	255	.00	38304	5840.00	85
54 **	MEMBERSHIP/PUBLICATIONS	3189	130.00	4	12756	32464.00	255	.00	38304	5840.00	85
55-00	TRAINING	12306	.00	0	49224	7600.66	15	14937.00	147700	125162.34	15
55-01	EDA PROGRAM	625	.00	0	2500	.00	0	.00	7500	7500.00	0
55 **	TRAINING	12931	.00	0	51724	7600.66	15	14937.00	155200	132662.34	15
56-15	IT-RELATED OPERATING EXP	23407	.00	0	36189	160053.26	442	39888.02	223464	23522.72	90
56 **	TECHNOLOGY SYSTEMS	23407	.00	0	36189	160053.26	442	39888.02	223464	23522.72	90
59-00	DEPRECIATION EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
59 **	DEPRECIATION EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
61-00	LAND	0	.00	0	0	.00	0	.00	0	.00	0
61 **	LAND	0	.00	0	0	.00	0	.00	0	.00	0
62-00	BUILDINGS	5909	.00	0	17727	.00	0	.00	65000	65000.00	0

FUND 421 WATER/SEWER ENTERPRISE

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
62 **	BUILDINGS	5909	.00	0	17727	.00	0	.00	65000	65000.00	0
63-00	INFRASTRUCTURE	342562	317292.54	93	1178476	616313.60	52	878425.12	3918996	2424257.28	38
63 **	INFRASTRUCTURE	342562	317292.54	93	1178476	616313.60	52	878425.12	3918996	2424257.28	38
64-00	MACHINERY & EQUIPMENT	112487	7013.60	6	444636	94266.55	21	714670.00	1344533	535596.45	60
64-15	IT HARDWARE	1710	.00	0	9828	.00	0	.00	28000	28000.00	0
64 **	MACHINERY & EQUIPMENT	114197	7013.60	6	454464	94266.55	21	714670.00	1372533	563596.45	59
65-00	CONSTRUCTION IN PROGRESS	0	.00	0	0	.00	0	.00	0	.00	0
65 **	CONSTRUCTION IN PROGRESS	0	.00	0	0	.00	0	.00	0	.00	0
68-10	SFTWR & OTHER INTANGIBLES	9033	21561.03	239	27099	34388.43	127	21547.45	99363	43427.12	56
68 **	INTANGIBLE ASSETS	9033	21561.03	239	27099	34388.43	127	21547.45	99363	43427.12	56
69-99	PROPRIETARY FUNDS ONLY	0	.00	0	0	.00	0	.00	0	.00	0
69 **	CONTRA FIXED ASSET	0	.00	0	0	.00	0	.00	0	.00	0
73-00	OTHER DEBT SERVICE COST	0	.00	0	0	.00	0	.00	0	.00	0
73 **	OTHER DEBT SERVICE COST	0	.00	0	0	.00	0	.00	0	.00	0
82-00	AID TO PRIVATE ORGANIZAT	100	.00	0	400	.00	0	.00	1200	1200.00	0
82-01	ECON DEV INCENTIVE CONTR	0	.00	0	0	.00	0	.00	0	.00	0
82 **	AID TO PRIVATE ORGANIZAT	100	.00	0	400	.00	0	.00	1200	1200.00	0
91-01	TRANSFER TO GEN FUND 001	574918	574919.00	100	2299672	2299676.00	100	.00	6899025	4599349.00	33
91-23	TO STORMWATER 423	0	.00	0	0	.00	0	.00	0	.00	0
91-25	TO RESTRICTED ASSET 425	180391	180391.11	100	772603	3138809.40	406	.00	9761950	6623140.60	32
91-26	WS CPTL PROJ 2018B 426	0	.00	0	0	.00	0	.00	0	.00	0
91-27	TO TCR/SJR PROJECT 427	0	.00	0	0	.00	0	.00	0	.00	0
91-30	GF CAPITAL PROJECTS 301	0	.00	0	0	.00	0	.00	0	.00	0
91-52	SELF INSURANCE FUND 520	0	.00	0	0	.00	0	.00	0	.00	0
91-53	HEALTH INSURANCE FUND 530	0	.00	0	0	.00	0	.00	0	.00	0

FUND 421 WATER/SEWER ENTERPRISE

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
91 **	INTERFUND TRANSFER	755309	755310.11	100	3072275	5438485.40	177	.00	16660975	11222489.60	33
95-01	6% ILO FRANCHISE FEE	109162	109162.00	100	436648	436648.00	100	.00	1309948	873300.00	33
95 **	NONOPERATING	109162	109162.00	100	436648	436648.00	100	.00	1309948	873300.00	33
FUND 421	TOTAL *********										
	WATER/SEWER ENTERPRISE	4973439	3977468.65	80	19677962	17739375.55	90	9382730.19	67017178	39895072.26	41
GRAND	TOTAL *********										
		4973439	3977468.65	80	19677962	17739375.55	90	9382730.19	67017178	39895072.26	41

FY 2020 Budget by Classification Report - Summary Listing

0/31/2020

Target for January 2020 is 33%

FUND 423 - STORMWATER FUND

	Amended Budget	YTD Encumbrances	YTD Actual Transactions	Budget - YTD Transactions	% Used/Rec'd
REVENUE					
*STORMWATER ASSESSMENT	$ 1,747,692		$ 1,288,972	$ 458,720	74%
MISCELLANEOUS	$ -		$ (3,607)	$ 3,607	0%
OTHER SOURCES (NON-REVENUE)	$ 196,661		$ -	$ 196,661	0%
REVENUE TOTALS	**$ 1,944,353**	**$ -**	**$ 1,285,365**	**$ 658,988**	**66%**
EXPENSE					
SALARIES AND BENEFITS	$ 544,229	$ -	$ 164,764	$ 379,465	30%
OPERATING EXPENDITURES	$ 705,992	$ 192,440	$ 136,364	$ 377,188	47%
CAPITAL OUTLAY	$ 694,132	$ 11,620	$ 389,882	$ 292,630	58%
OTHER SOURCES (NON-REVENUE)	$ -	$ -	$ -	$ -	
EXPENSE TOTALS	**$ 1,944,353**	**$ 204,060**	**$ 691,010**	**$ 1,049,283**	**46%**
REVENUE TOTALS	**$ 1,944,353**	**$ -**	**$ 1,285,365**	**$ 658,988**	**66%**
EXPENSE TOTALS	**$ 1,944,353**	**$ 204,060**	**$ 691,010**	**$ 1,049,283**	**46%**
	$ -	**$ (204,060)**	**$ 594,355**	**$ (390,295)**	

*Stormwater Assessment Revenues come in November-March

FUND 423 STORMWATER UTILITY

ACCOUNT	ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	CURRENT %REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	YEAR-TO-DATE %REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
320	OTHER PERMITS & FEES								
325	SPECIAL ASSESSMENT								
23 01	CHARGES FOR PUBLIC SVCS	145,641	106,670.61	73	582,564	1,288,880.95	221	1,747,692	458,811.05
23 03	PENALTIES	0	.00		0	90.68		0	90.68-
23 *	STORMWATER	145,641	106,670.61	73	582,564	1,288,971.63	221	1,747,692	458,720.37
325 **	SPECIAL ASSESSMENT	145,641	106,670.61	73	582,564	1,288,971.63	221	1,747,692	458,720.37
320 ***	OTHER PERMITS & FEES	145,641	106,670.61	73	582,564	1,288,971.63	221	1,747,692	458,720.37
330	INTERGOVERNMENTAL REVENUE								
331	FEDERAL GRANTS								
331 **	FEDERAL GRANTS	0	.00		0	.00		0	.00
338	SHARED REVENUE LOCAL UNIT								
338 **	SHARED REVENUE LOCAL UNIT	0	.00		0	.00		0	.00
330 ***	INTERGOVERNMENTAL REVENUE	0	.00		0	.00		0	.00
340	CHARGES FOR SERVICES								
343	PHYSICAL ENVIRONMENT								
91 00	STORMWATER FEES	0	154.72-		0	5,298.92-		0	5,298.92
91 *	STORMWATER FEES	0	154.72-		0	5,298.92-		0	5,298.92
343 **	PHYSICAL ENVIRONMENT	0	154.72-		0	5,298.92-		0	5,298.92
340 ***	CHARGES FOR SERVICES	0	154.72-		0	5,298.92-		0	5,298.92
360	MISCELLANEOUS REVENUES								
361	INTEREST & OTHER EARNINGS								
10 00	INTEREST	0	549.62		0	1,666.79		0	1,666.79-
10 02	INVESTMENT INTEREST	0	6.15		0	25.41		0	25.41-
10 *	INTEREST	0	555.77		0	1,692.20		0	1,692.20-
40 *	GAIN/(LOSS) SALE INVEST	0	.00		0	.00		0	.00
361 **	INTEREST & OTHER EARNINGS	0	555.77		0	1,692.20		0	1,692.20-
364	DISPOSITION FIXED ASSETS								
364 **	DISPOSITION FIXED ASSETS	0	.00		0	.00		0	.00

FUND 423 STORMWATER UTILITY

ACCOUNT		ACCOUNT DESCRIPTION	CURRENT ESTIMATED	CURRENT ACTUAL	%REV	YEAR-TO-DATE ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
360		MISCELLANEOUS REVENUES								
364		DISPOSITION FIXED ASSETS								
369		OTHER MISC REVENUES								
369	**	OTHER MISC REVENUES	0	.00		0	.00		0	.00
360	***	MISCELLANEOUS REVENUES	0	555.77		0	1,692.20		0	1,692.20-
380		OTHER SOURCES(NON-REV)								
381		INTERFUND TRANSFER								
91	*	TRANSFER FROM	0	.00		0	.00		0	.00
381	**	INTERFUND TRANSFER	0	.00		0	.00		0	.00
389		NON OPERATING SOURCES								
99	50	FUND BAL-APPROP. RESERVES	17,878	.00		53,634	.00		196,661	196,661.00
99	*	BALANCE FORWARD	17,878	.00		53,634	.00		196,661	196,661.00
389	**	NON OPERATING SOURCES	17,878	.00		53,634	.00		196,661	196,661.00
380	***	OTHER SOURCES(NON-REV)	17,878	.00		53,634	.00		196,661	196,661.00
FUND TOTAL		STORMWATER UTILITY	163,519	107,071.66	66	636,198	1,285,364.91	202	1,944,353	658,988.09

REPORT SELECTIONS

Fiscal year . . . . . : 2020
Fund . . . . . : 423
All Departments
All Divisions
Suppress accounts with zero balances . . . . : Y

FUND 423 STORMWATER UTILITY

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
12-00	REGULAR SALARIES & WAGES	27651	29574.28	107	110604	102820.22	93	.00	331820	228999.78	31
12-10	SALARY ADJUSTMENTS	0	.00	0	0	.00	0	.00	0	.00	0
12-12	ACCRUAL PAYOUTS	873	.00	0	3492	.00	0	.00	10480	10480.00	0
12 **	REGULAR SALARIES & WAGES	28524	29574.28	104	114096	102820.22	90	.00	342300	239479.78	30
13-00	OTHER SALARIES & WAGES	0	.00	0	0	.00	0	.00	0	.00	0
13 **	OTHER SALARIES & WAGES	0	.00	0	0	.00	0	.00	0	.00	0
14-00	OVERTIME	269	250.02	93	1076	1531.95	142	.00	3235	1703.05	47
14-01	COMP TIME	0	.00	0	0	.00	0	.00	0	.00	0
14 **	OVERTIME	269	250.02	93	1076	1531.95	142	.00	3235	1703.05	47
15-00	SPECIAL PAY	0	.00	0	0	.00	0	.00	0	.00	0
15 **	SPECIAL PAY	0	.00	0	0	.00	0	.00	0	.00	0
20-00	CLOTHING/SHOE ALLOWANCE	50	.00	0	200	600.00	300	.00	600	.00	100
20 **	CLOTHING/SHOE ALLOWANCE	50	.00	0	200	600.00	300	.00	600	.00	100
21-00	FICA TAXES	2096	2250.26	107	8384	7911.58	94	.00	25158	17246.42	31
21 **	FICA TAXES	2096	2250.26	107	8384	7911.58	94	.00	25158	17246.42	31
22-00	RETIREMENT CONTRIBUTIONS	2364	2526.09	107	9456	8823.76	93	.00	28369	19545.24	31
22-01	POLICE/FIRE	0	.00	0	0	.00	0	.00	0	.00	0
22 **	RETIREMENT CONTRIBUTIONS	2364	2526.09	107	9456	8823.76	93	.00	28369	19545.24	31
23-00	LIFE/HEALTH INSURANCE	572	540.40	95	2288	2235.50	98	.00	6871	4635.50	33
23-03	CONTRA CIGNA SAVINGS	0	.00	0	0	.00	0	.00	0	.00	0
23-04	MEDICAL/RX SELF INSURED	7375	6567.72	89	29500	24710.45	84	.00	88507	63796.55	28
23-99	OPEB HEALTH EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
23 **	LIFE/HEALTH INSURANCE	7947	7108.12	89	31788	26945.95	85	.00	95378	68432.05	28
24-00	WORKER'S COMPENSATION	3699	3980.55	108	14796	14630.47	99	.00	44389	29758.53	33
24 **	WORKER'S COMPENSATION	3699	3980.55	108	14796	14630.47	99	.00	44389	29758.53	33

FUND 423 STORMWATER UTILITY

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
26-00	OPEB HEALTH EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
26 **	OPEB HEALTH EXPENSE	0	.00	0	0	.00	0	.00	0	.00	0
27-00	BENEFIT OFFSET	400	400.00	100	1600	1500.00	94	.00	4800	3300.00	31
27 **	BENEFIT OFFSET	400	400.00	100	1600	1500.00	94	.00	4800	3300.00	31
31-00	PROFESSIONAL SERVICES	6488	.00	0	22547	5630.00	25	8500.00	74455	60325.00	19
31-01	LEGAL EXPENSES	41	.00	0	164	.00	0	.00	500	500.00	0
31-33	EMPLOYEE HEALTH CENTER	551	502.22	91	2204	1750.53	79	4864.47	6615	.00	100
31 **	PROFESSIONAL SERVICES	7080	502.22	7	24915	7380.53	30	13364.47	81570	60825.00	25
34-00	CONTRACT SERVICES	2178	4711.50	216	7872	35783.70	455	33020.41	25303	43501.11-	272
34-10	COST OF GENERAL FUND SVCS	14350	14350.00	100	57400	57400.00	100	.00	172205	114805.00	33
34 **	CONTRACT SERVICES	16528	19061.50	115	65272	93183.70	143	33020.41	197508	71303.89	64
39-00	CONTINGENCY	0	.00	0	0	.00	0	.00	0	.00	0
39 **	CONTINGENCY	0	.00	0	0	.00	0	.00	0	.00	0
40-00	TRAVEL & PER DIEM	237	.00	0	948	.00	0	.00	2850	2850.00	0
40 **	TRAVEL & PER DIEM	237	.00	0	948	.00	0	.00	2850	2850.00	0
41-00	COMMUNICATION	186	147.43	79	744	606.76	82	1625.24	2232	.00	100
41 **	COMMUNICATION	186	147.43	79	744	606.76	82	1625.24	2232	.00	100
42-00	POSTAGE & FREIGHT	41	.00	0	164	32.00	20	.00	500	468.00	6
42 **	POSTAGE & FREIGHT	41	.00	0	164	32.00	20	.00	500	468.00	6
43-00	ELECTRIC/WATER/SEWER	1233	985.70	80	4932	3136.96	64	11497.60	14800	165.44	99
43 **	ELECTRIC/WATER/SEWER	1233	985.70	80	4932	3136.96	64	11497.60	14800	165.44	99
44-00	RENTALS AND LEASES	208	.00	0	832	.00	0	.00	2500	2500.00	0
44 **	RENTALS AND LEASES	208	.00	0	832	.00	0	.00	2500	2500.00	0
45-00	INSURANCE	819	.00	0	3276	5051.85	154	.00	9828	4776.15	51
45 **	INSURANCE	819	.00	0	3276	5051.85	154	.00	9828	4776.15	51

FUND 423 STORMWATER UTILITY

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
46-00	REPAIRS & MAINTENANCE	25413	5023.78	20	105333	11200.24	11	124195.25	308641	173245.51	44
46-02	REPAIR/MAINT BUILDING	0	.00	0	0	.00	0	.00	0	.00	0
46-03	REPAIR/MAINT-VEHICLES	2739	1092.23	40	10956	3702.99	34	3317.64	32870	25849.37	21
46-15	INSURED VEHICLE ACCIDENT	41	.00	0	164	.00	0	.00	500	500.00	0
46 **	REPAIRS & MAINTENANCE	28193	6116.01	22	116453	14903.23	13	127512.89	342011	199594.88	42
47-00	PRINTING & BINDING	83	.00	0	332	.00	0	.00	1000	1000.00	0
47 **	PRINTING & BINDING	83	.00	0	332	.00	0	.00	1000	1000.00	0
49-00	OTHER CHARGES & OBLIG.	318	.00	0	318	2878.46	905	100.00	2859	119.46-	104
49-07	BAD DEBT EXPENSE	0	219.91-	0	0	894.05-	0	.00	0	894.05	0
49-15	OBSOLETE INVENTORY	0	.00	0	0	.00	0	.00	0	.00	0
49 **	OTHER CHARGES & OBLIG.	318	219.91-	69-	318	1984.41	624	100.00	2859	774.59	73
51-00	OFFICE SUPPLIES	41	.00	0	164	70.35	43	19.50	500	410.15	18
51 **	OFFICE SUPPLIES	41	.00	0	164	70.35	43	19.50	500	410.15	18
52-00	OPERATING SUPPLIES	1015	2018.17	199	4060	5537.97	136	1060.65	12181	5582.38	54
52-07	JANITORIAL SUPPLIES	0	.00	0	0	.00	0	.00	0	.00	0
52-30	FUEL OIL & LUBRICANTS	2353	.00	0	9412	2405.10	26	1288.48	28243	24549.42	13
52-33	EMPLOYEE HEALTH CENTER	280	234.56	84	1120	709.22	63	2650.78	3360	.00	100
52 **	OPERATING SUPPLIES	3648	2252.73	62	14592	8652.29	59	4999.91	43784	30131.80	31
53-00	ROAD MATERIALS/SUPPLIES	0	.00	0	0	.00	0	.00	0	.00	0
53 **	ROAD MATERIALS/SUPPLIES	0	.00	0	0	.00	0	.00	0	.00	0
54-00	MEMBERSHIP/PUBLICATIONS	62	.00	0	248	650.00	262	.00	750	100.00	87
54 **	MEMBERSHIP/PUBLICATIONS	62	.00	0	248	650.00	262	.00	750	100.00	87
55-00	TRAINING	208	165.00	79	832	165.00	20	300.00	2500	2035.00	19
55 **	TRAINING	208	165.00	79	832	165.00	20	300.00	2500	2035.00	19
56-15	IT-RELATED OPERATING EXP	66	.00	0	264	546.83	207	.00	800	253.17	68

FUND 423 STORMWATER UTILITY

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
56 **	TECHNOLOGY SYSTEMS	66	.00	0	264	546.83	207	.00	800	253.17	68
59-00	DEPRECIATION	0	.00	0	0	.00	0	.00	0	.00	0
59 **	DEPRECIATION	0	.00	0	0	.00	0	.00	0	.00	0
61-00	LAND	0	.00	0	0	.00	0	.00	0	.00	0
61 **	LAND	0	.00	0	0	.00	0	.00	0	.00	0
63-00	INFRASTRUCTURE	36706	10240.00	28	130463	120000.00	92	11620.00	424100	292480.00	31
63 **	INFRASTRUCTURE	36706	10240.00	28	130463	120000.00	92	11620.00	424100	292480.00	31
64-00	MACHINERY & EQUIPMENT	22502	.00	0	90008	269882.00	300	.00	270032	150.00	100
64-15	IT HARDWARE	0	.00	0	0	.00	0	.00	0	.00	0
64 **	MACHINERY & EQUIPMENT	22502	.00	0	90008	269882.00	300	.00	270032	150.00	100
69-99	PROPRIETARY FUND	0	.00	0	0	.00	0	.00	0	.00	0
69 **	CONTRA FIXED ASSET	0	.00	0	0	.00	0	.00	0	.00	0
72-00	DEBT SERVICE - INTEREST	0	.00	0	0	.00	0	.00	0	.00	0
72 **	DEBT SERVICE - INTEREST	0	.00	0	0	.00	0	.00	0	.00	0
91-01	TRANSFER TO GEN FUND 001	0	.00	0	0	.00	0	.00	0	.00	0
91-21	WATER SEWER 421	0	.00	0	0	.00	0	.00	0	.00	0
91-30	GF CAPITAL PROJECTS 301	0	.00	0	0	.00	0	.00	0	.00	0
91 **	INTERFUND TRANSFER	0	.00	0	0	.00	0	.00	0	.00	0
FUND 423	TOTAL *********										
	STORMWATER UTILITY	163508	85340.00	52	636153	691009.84	109	204060.02	1944353	1049283.14	46
GRAND	TOTAL *********										
		163508	85340.00	52	636153	691009.84	109	204060.02	1944353	1049283.14	46

FY 2020 Budget by Classification Report - Summary Listing

0/31/2020

Target for January 2020 is 33%

FUND 426 - WATER/SEWER CAPITAL PROJECTS 2018B

		Amended Budget	YTD Encumbrances	YTD Actual Transactions	Budget - YTD Transactions	% Used/Rec'd
REVENUE						
MISCELLANEOUS (INTEREST)		$ -	$ -	$ 146,587	$ (146,587)	100%
OTHER SOURCES (NON-REVENUE)		$ 41,626,828			$ 41,626,828	0%
REVENUE TOTALS		**$ 41,626,828**	**-**	**$ 146,587**	**$ 41,480,241**	**0%**
EXPENSE						
OPERATING EXPENDITURES		$ -	$ -	$ 296.00		
CAPITAL OUTLAY		$ 41,626,828	$ 1,035,679	$ 403,567	$ 40,187,581	3%
	p	**$ 41,626,828**	**$ 1,035,679**	**$ 403,567**	**$ 40,187,581**	**3%**
REVENUE TOTALS		**$ 41,626,828**	**$ -**	**$ 146,587**	**$ 41,480,241**	**0%**
	p	**$ 41,626,828**	**$ 1,035,679**	**$ 403,567**	**$ 40,187,581**	**3%**
		$ -	**$ (1,035,679)**	**$ (256,981)**	**$ 1,292,660**	

CITY OF COCOA, FLORIDA

FUND 426 WS CPTL PROJ 2018B

ACCOUNT	ACCOUNT DESCRIPTION	********** CURRENT ESTIMATED	ACTUAL	%REV	******** YEAR-TO-DATE ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
360	MISCELLANEOUS REVENUES								
361	INTEREST & OTHER EARNINGS								
10 00	INTEREST	0	106.61		0	1,007.37		0	1,007.37-
10 02	INVESTMENT INTEREST	0	38,180.94		0	129,641.24		0	129,641.24-
10 *	INTEREST	0	38,287.55		0	130,648.61		0	130,648.61-
40 00	GAIN/(LOSS) SALE INVEST	0	.00		0	10,701.29		0	10,701.29-
40 02	UNREALIZED GAIN/(LOSS)	0	.00		0	5,236.80		0	5,236.80-
40 *	GAIN/(LOSS) SALE INVEST	0	.00		0	15,938.09		0	15,938.09-
361 **	INTEREST & OTHER EARNINGS	0	38,287.55		0	146,586.70		0	146,586.70-
360 ***	MISCELLANEOUS REVENUES	0	38,287.55		0	146,586.70		0	146,586.70-
380	OTHER SOURCES(NON-REV)								
381	INTERFUND TRANSFER								
91 *	TRANSFER FROM	0	.00		0	.00		0	.00
381 **	INTERFUND TRANSFER	0	.00		0	.00		0	.00
384	DEBT PROCEEDS								
384 **	DEBT PROCEEDS	0	.00		0	.00		0	.00
389	NON OPERATING SOURCES								
99 50	FUND BAL-APPROP. RESERVES	3,643,598	.00		12,478,047	.00		41,626,828	41,626,828.00
99 *	BALANCE FORWARD	3,643,598	.00		12,478,047	.00		41,626,828	41,626,828.00
389 **	NON OPERATING SOURCES	3,643,598	.00		12,478,047	.00		41,626,828	41,626,828.00
380 ***	OTHER SOURCES(NON-REV)	3,643,598	.00		12,478,047	.00		41,626,828	41,626,828.00
FUND TOTAL	WS CPTL PROJ 2018B	3,643,598	38,287.55	1	12,478,047	146,586.70	1	41,626,828	41,480,241.30

REPORT SELECTIONS

Fiscal year . . . . . : 2020
Fund . . . . . : 426
All Departments
All Divisions
Suppress accounts with zero balances . . . . : Y

FUND 426 WS CPTL PROJ 2018B

ELE OBJ	ACCOUNT DESCRIPTION	******MONTH-TO-DATE******* BUDGET	ACTUAL	%EXP	**********YEAR-TO-DATE******* BUDGET	ACTUAL	%EXP	ENCUMBR.	ANNUAL BUDGET	UNENCUMB. BALANCE	% BDGT
31-00	PROFESSIONAL SERVICES	0	.00	0	0	295.85	0	.00	0	295.85-	0
31 **	PROFESSIONAL SERVICES	0	.00	0	0	295.85	0	.00	0	295.85-	0
49-00	OTHER CHARGES & OBLIG.	0	.00	0	0	.00	0	.00	0	.00	0
49 **	OTHER CHARGES & OBLIG.	0	.00	0	0	.00	0	.00	0	.00	0
56-15	IT-RELATED OPERATING EXP	0	.00	0	0	.00	0	.00	0	.00	0
56 **	TECHNOLOGY SYSTEMS	0	.00	0	0	.00	0	.00	0	.00	0
61-00	LAND	0	.00	0	0	.00	0	.00	0	.00	0
61 **	LAND	0	.00	0	0	.00	0	.00	0	.00	0
62-00	BUILDINGS	0	.00	0	0	.00	0	.00	0	.00	0
62 **	BUILDINGS	0	.00	0	0	.00	0	.00	0	.00	0
63-00	INFRASTRUCTURE	3643599	45219.75	1	12478050	403567.32	3	1035679.33	41626828	40187581.35	4
63 **	INFRASTRUCTURE	3643599	45219.75	1	12478050	403567.32	3	1035679.33	41626828	40187581.35	4
64-00	MACHINERY & EQUIPMENT	0	.00	0	0	.00	0	.00	0	.00	0
64-15	IT HARDWARE	0	.00	0	0	.00	0	.00	0	.00	0
64 **	MACHINERY & EQUIPMENT	0	.00	0	0	.00	0	.00	0	.00	0
68-10	SFTWR & OTHER INTANGIBLES	0	.00	0	0	.00	0	.00	0	.00	0
68 **	INTANGIBLE ASSETS	0	.00	0	0	.00	0	.00	0	.00	0
91-21	WATER SEWER 421	0	.00	0	0	.00	0	.00	0	.00	0
91 **	INTERFUND TRANSFER	0	.00	0	0	.00	0	.00	0	.00	0
FUND 426	TOTAL *********										
	WS CPTL PROJ 2018B	3643599	45219.75	1	12478050	403863.17	3	1035679.33	41626828	40187285.50	4
GRAND	TOTAL *********										
		3643599	45219.75	1	12478050	403863.17	3	1035679.33	41626828	40187285.50	4

Legislation Details (With Text)

File #:	20-115	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	2/11/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Fire Incident Summary Report for Service Calls responded to by Cocoa Fire Rescue in January, 2020. (Fire Chief)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	January 2020 Total Record Volume by Incident Type Report.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 11, 2020
Agenda Date: February 26, 2020
Prepared By: Jonathan Lamm, Fire Chief
Through: John A. Titkanich Jr., City Manager
Requested Action:
Fire Incident Summary Report for January 2020. Informational Item Only.

BACKGROUND:

January 2020 Fire Incident Summary Report for Service Calls responded to by Cocoa Fire Rescue.

STRATEGIC PLAN CONNECTION:

Public Safety- Enhance the knowledge of the citizens on emergency response for Fire Rescue resources for the City.

BUDGETARY IMPACT:

N/A

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Fire Incident Summary Report for January 2020. Informational Item.

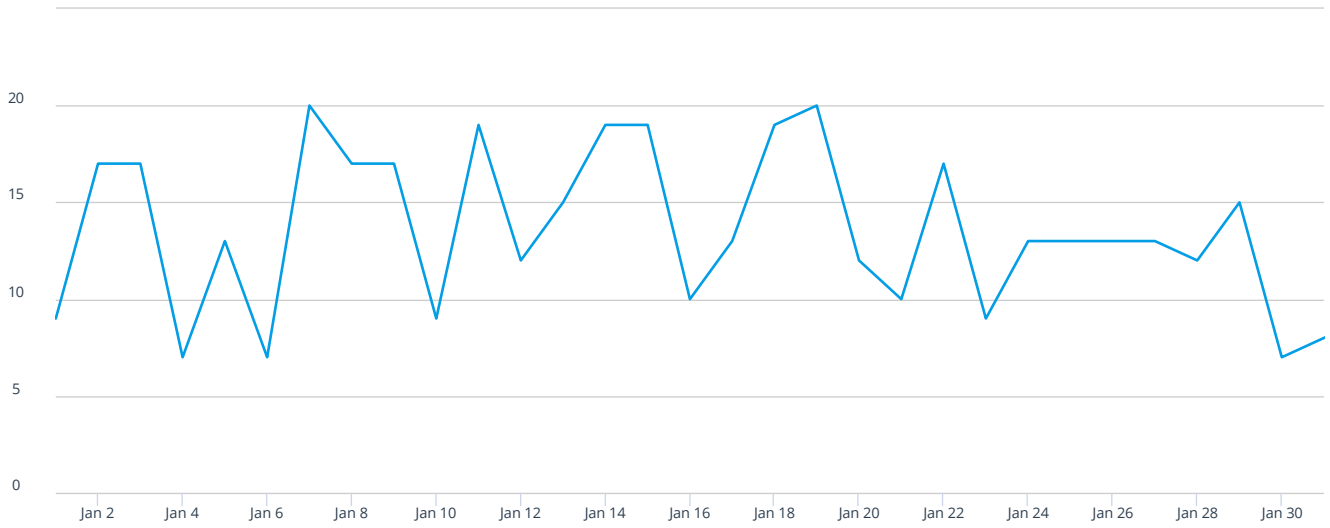
Custom Jan 1, 2020 - Jan 31, 2020

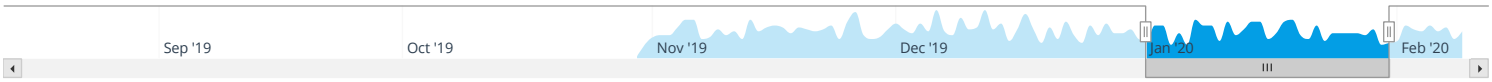
38%
FIRE
Percentage of Total Incidents

62%
EMS
Percentage of Total Incidents

421
INCIDENTS
In Selected Time Slice

31
DAYS
In Selected Time Slice





Counts | % Rows | % Columns | % All

Week Ending	1/5/20	1/12/20	1/19/20	1/26/20	2/2/20	2/9/20	2/16/20	2/23/20	3/1/20	3/8/20	3/15/20	3/22/20	3/29/20	Total
(11) Structure Fire	2													2
(12) Fire in mobile property used as a fixed structure			1											1
(13) Mobile property (vehicle) fire	1	1												2
(15) Outside rubbish fire	1				1									2
(16) Special outside fire		2		1										3
(30) Rescue, emergency medical call (EMS), other	13	14	19	8	2									56
(31) Medical assist		3	2											5
(32) Emergency medical service (EMS) incident	24	47	57	41	33									202
(41) Combustible/f.. spills & leaks		1	1		1									3
(44) Electrical wiring/equipm. problem		2		3										5
(48) Attempted burning, illegal action					1									1
(50) Service call, other		2	3											5
(51) Person in distress				2	1									3
(53) Smoke, odor problem	2	1	2											5
(55) Public service assistance	8	7	9	6	2									32

Week Ending	1/5/20	1/12/20	1/19/20	1/26/20	2/2/20	2/9/20	2/16/20	2/23/20	3/1/20	3/8/20	3/15/20	3/22/20	3/29/20	Total
(60) Good intent call, other	2	2	1											5
(61) Dispatched and canceled en route	5	13	12	15	10									55
(62) Wrong location, no emergency found		2		3	1									6
(65) Steam, other gas mistaken for smoke				1										1
(66) EMS call where party has been transported	1													1
(70) False alarm and false call, other	2	2	7	4	2									17
(73) System or detector malfunction	1													1
(74) Unintentional system/detect... operation (no fire)		1		3										4
(90) Special type of incident, other			1		1									2
(91) Citizen complaint	1	1												2
Total	63	101	115	87	55									421

Legislation Details (With Text)

File #:	20-122	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	2/18/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Cocoa Police Department District Event Statistics for the month of December, 2019. (Chief of Police)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Dec 2019 Council Report by District .pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: February 18, 2020
Agenda Date: February 26, 2020
Prepared By: Charlene Jenkins-Catechis, Administrative Secretary
Through: Michael Cantaloupe, Chief of Police
Requested Action:
Cocoa Police Department District Event Statistics for Council Information

BACKGROUND:

The Cocoa Police Department tracks and reports a monthly breakdown of event statistics. These reports illustrate total incidents, reports written and Patrol Checks. They also show incidents and case reports by shifts, hour of the day and the total crime that are Crime reportable. Attached is the report for December 2019.

STRATEGIC PLAN CONNECTION:

Crime - Public Safety

BUDGETARY IMPACT:

None

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Cocoa Police Department District Event Statistics for Council Information

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Cocoa Police Department
Council Report

December 2019

Prepared by Dalaity Henson

Contents

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District 3 Case Reports 7
District 4 Case Reports 8
Locations of Incidents 9
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Incidents and Case Reports by Hour 11
Total UCR Offenses by Month – 2019, 2018 & 2017 12

Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

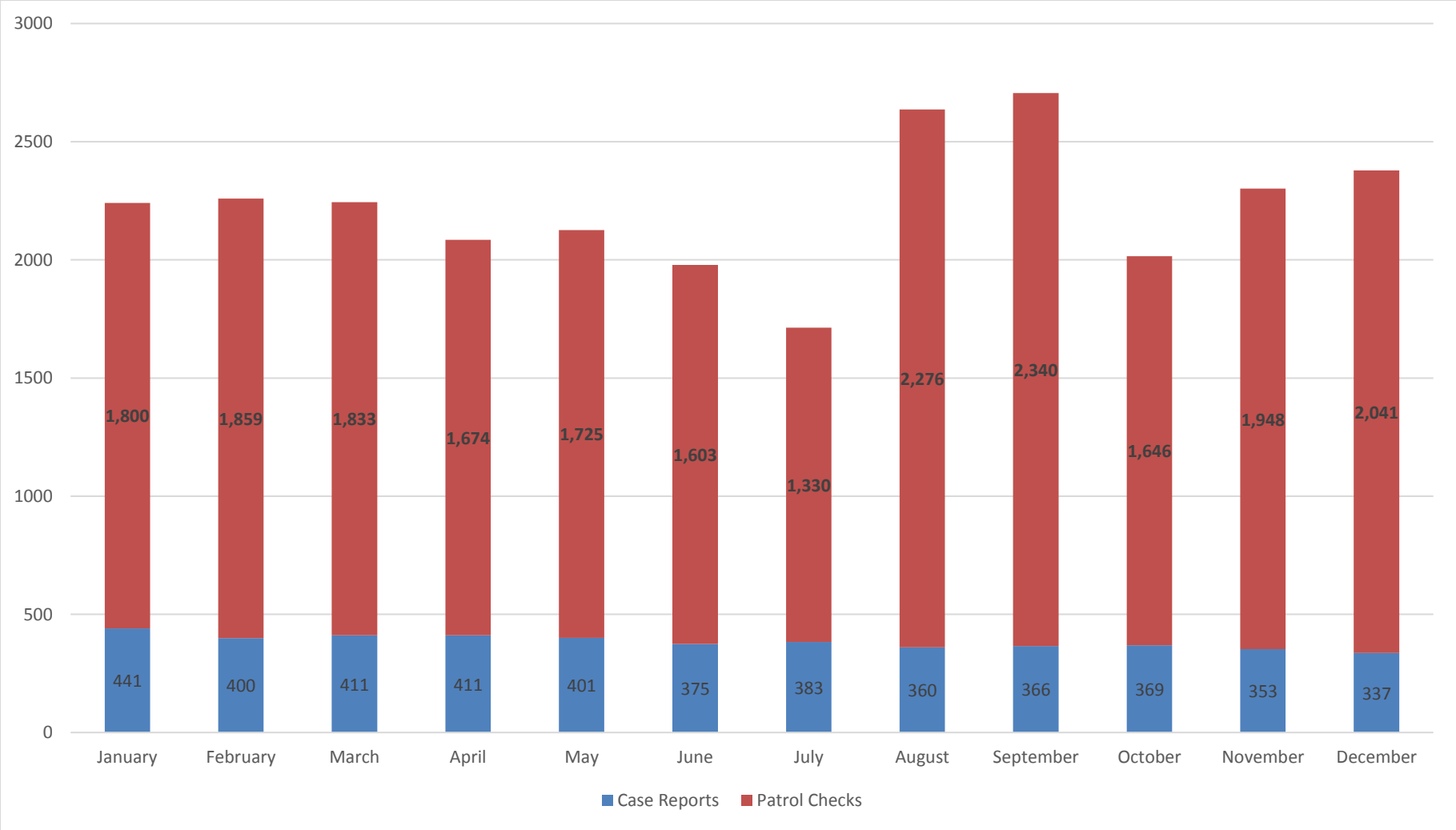
Findings Summary

The purpose of this report is to provide the City Of Cocoa City Council with an overview of incidents and case reports for December 2019. This report includes a line graph illustrating the total number of UCR Offenses by month for years 2017, 2018 and 2019.

- 3,034 Incidents (Excluding Patrol Checks)
- 337 Case Reports (11% of incidents)
  - 246 Criminal Case Reports (73% of all case reports)
  - 91 Non-Criminal Case Reports (27% of case reports)
  - 75 Criminal Case Reports were closed by Arrests/Capias Requests (30% of criminal case reports)
  - 5 Non-Criminal Case Reports were closed by Arrests/Capias Request (5% of non-criminal cases reports)
- 2,392 Incidents were officer initiated
- District 1 generated the most cases with a total of 129.
- District 3 experienced the lowest amount of cases generated with a total of 34 cases.
- Aggravated Assault and Aggravated Stalking offenses have ***increased*** by 67% from the previous month.
- Stolen Vehicle Offenses have ***increased*** by 75% from the previous month.
- Laceny Offenses have ***increased*** by 21% from the previous month.
- Overall, UCR offenses have ***increased*** from the previous month by 58%.

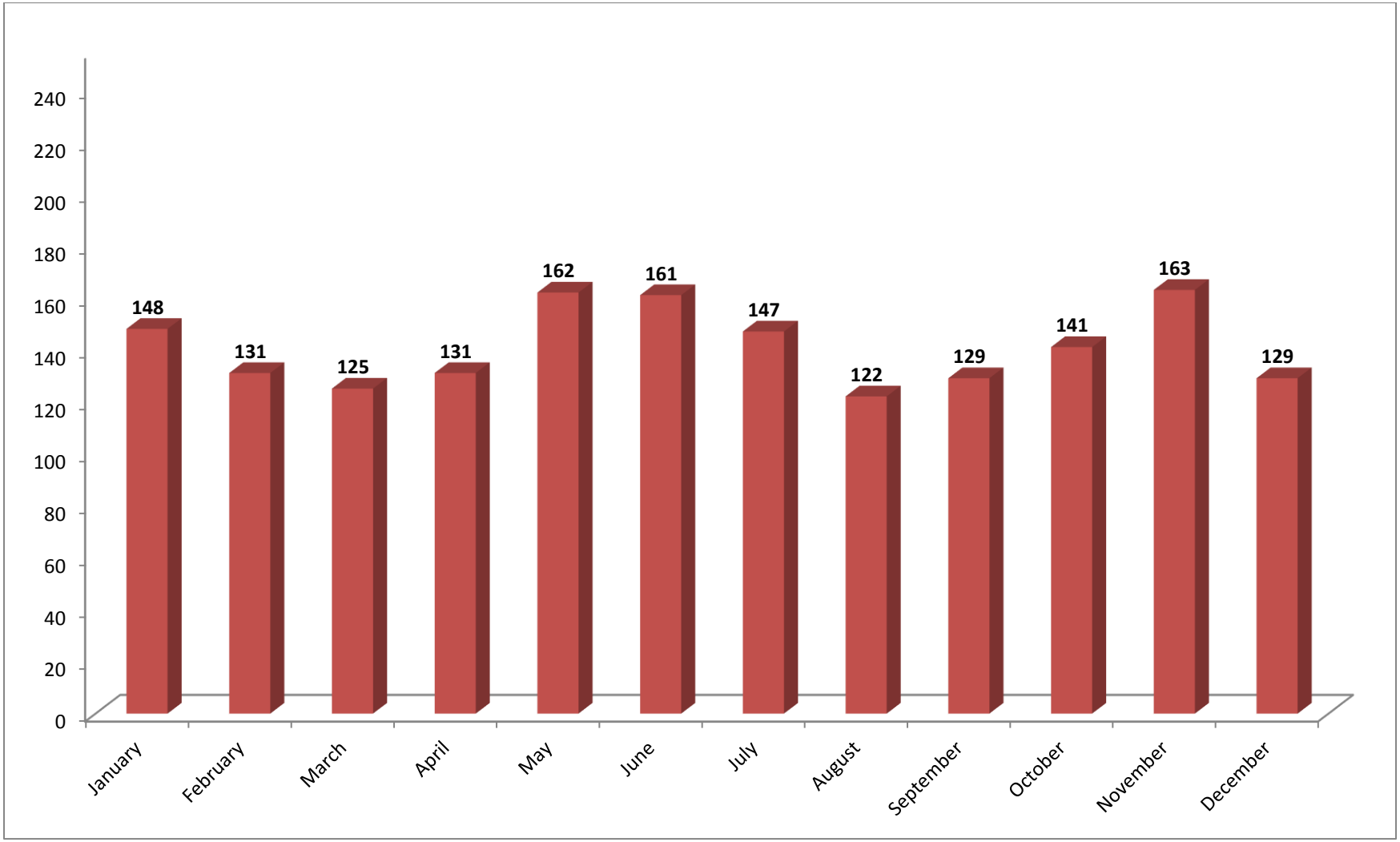
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Total Patrol Checks and Case Reports for the City of Cocoa



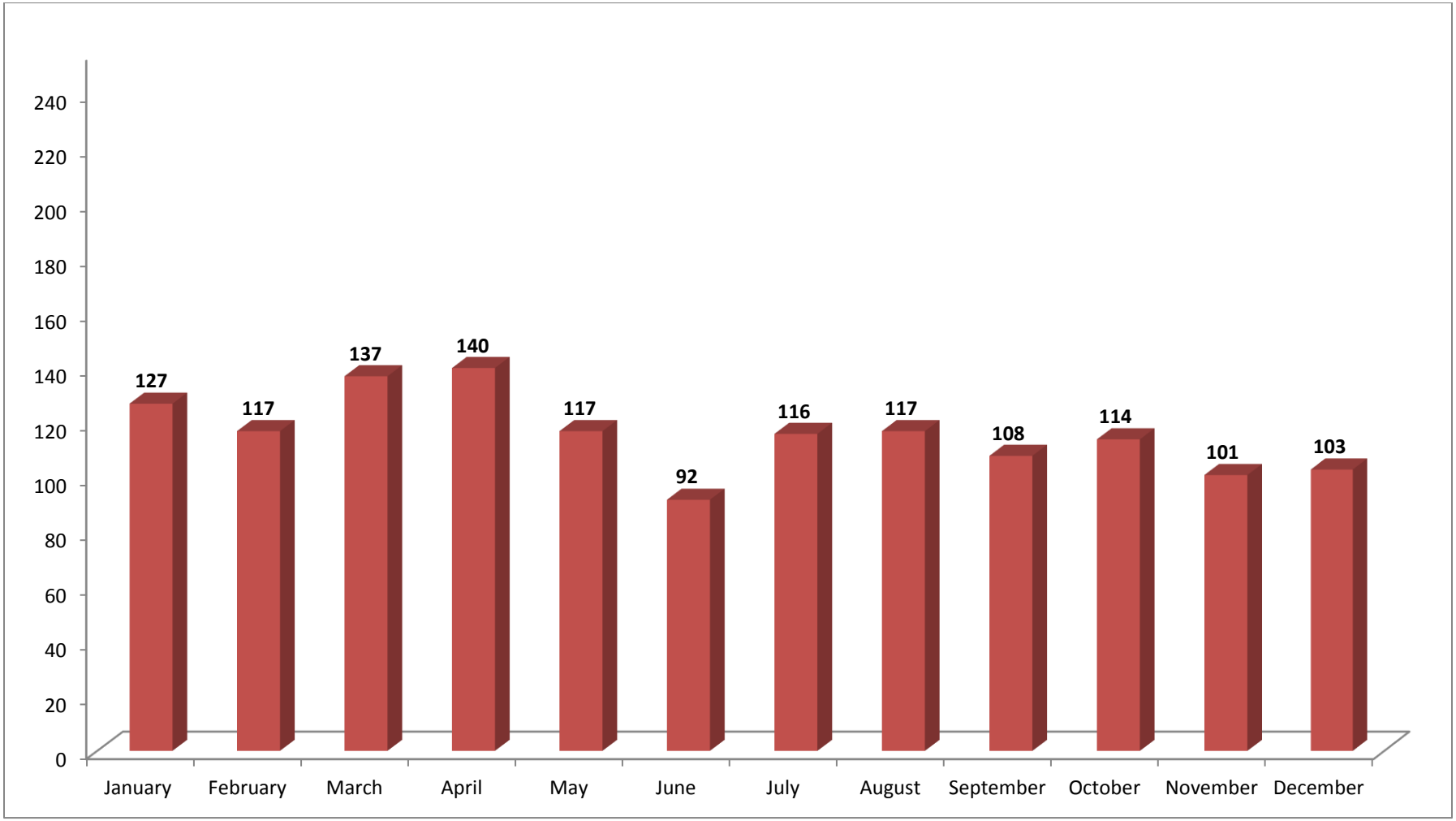
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

District 1 Case Reports



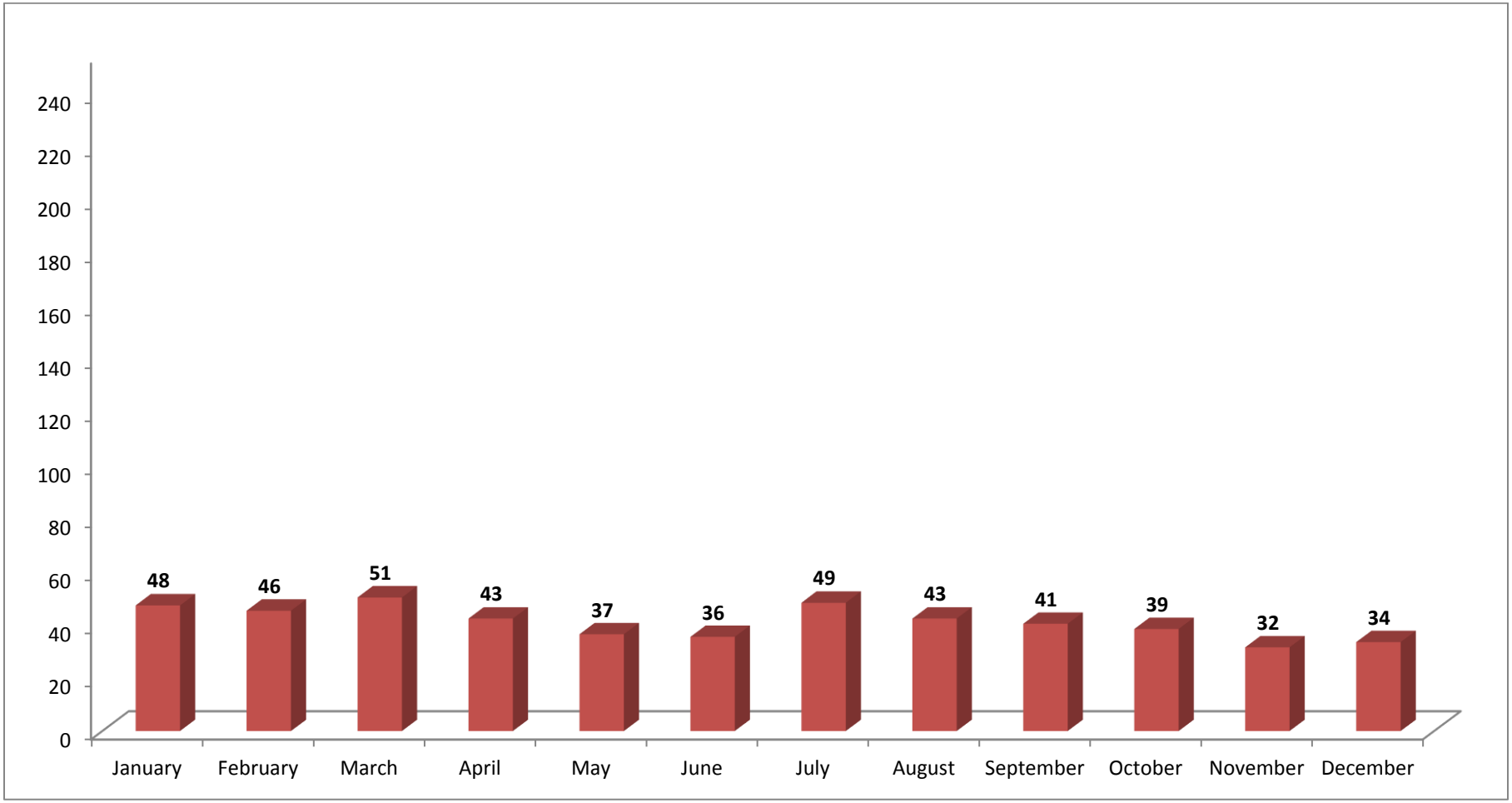
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

District 2 Case Reports



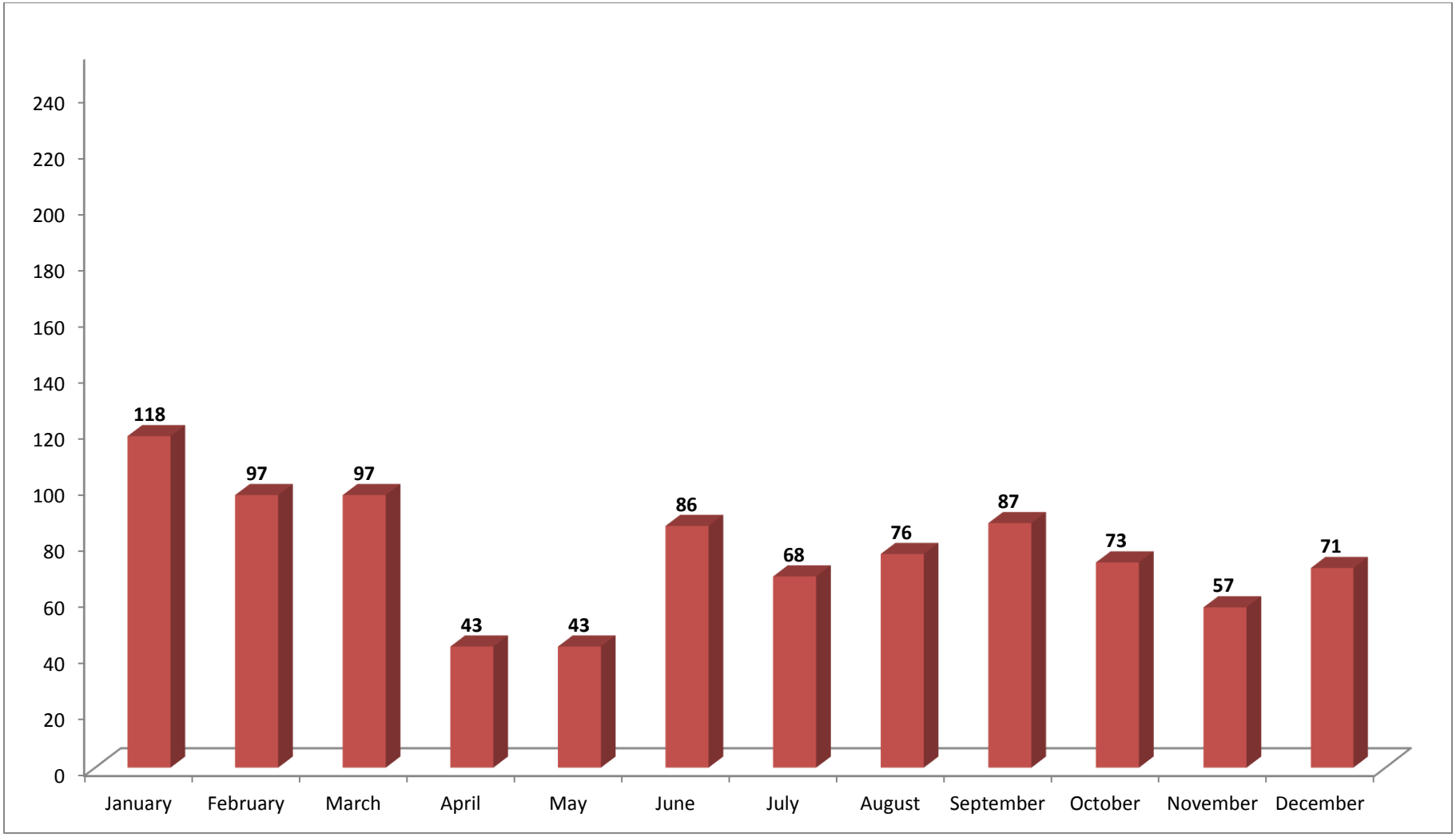
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

District 3 Case Reports



Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

District 4 Case Reports



Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Locations of Incidents

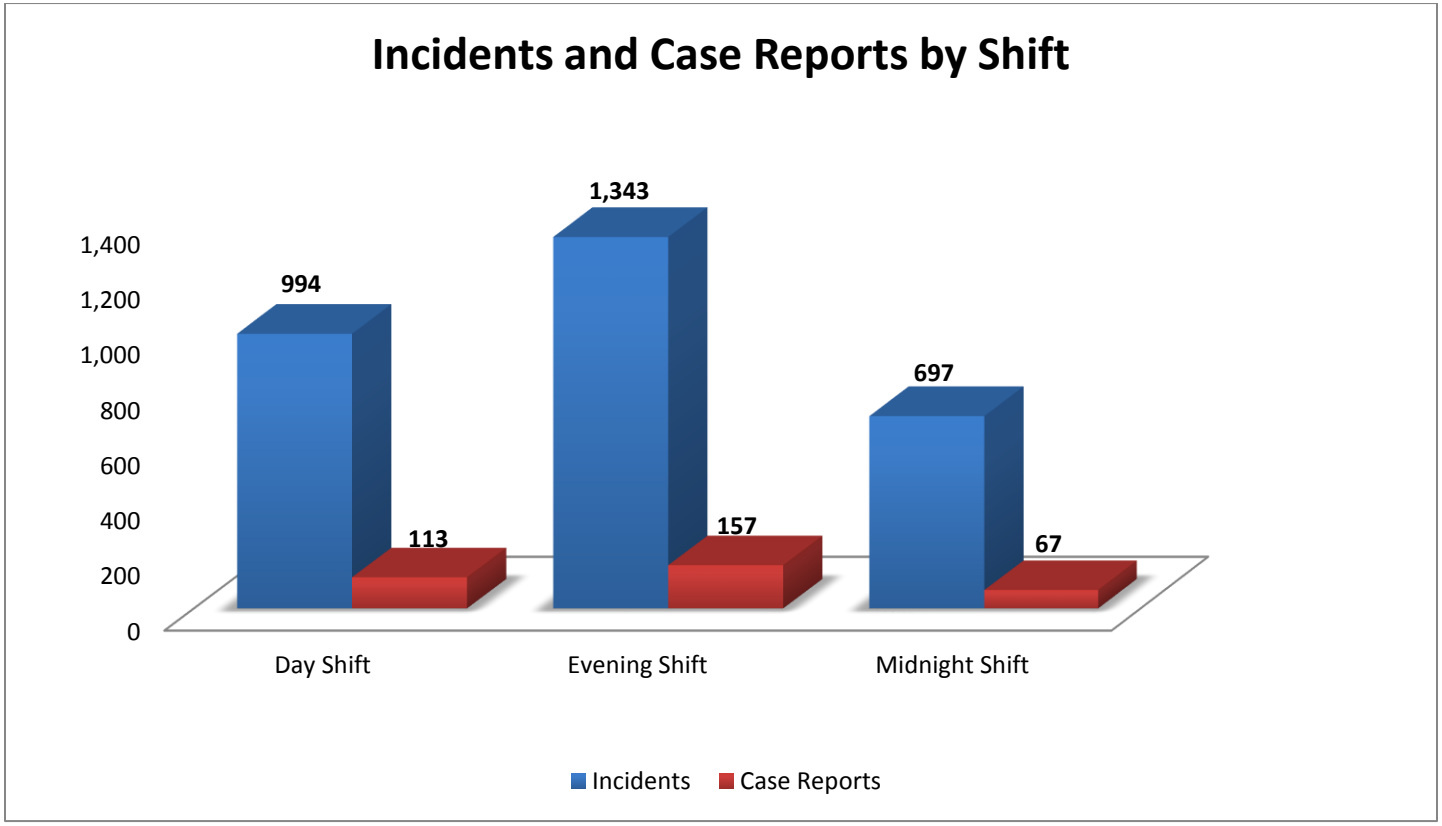
The table below illustrates the total of Incidents and Cases from December 1, 2019 thought December 31, 2019 to the locations listed.

Location	*Incidents* (Excluding Patrol Checks)	*Case Reports*
2700 SR.524	126	14
1080 N. Fiske	44	6
800 N. Fiske	25	4
1514 Clearlake Rd	19	0
900 Friday Rd	17	1
1524 Clearlake Rd	10	2
1407 Dixon Blvd	9	4
1010 N. Fiske Blvd	7	1
TOTAL	**257**	**32**

Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Incidents and Case Reports by Shift

The chart below illustrates incidents and cases reported by shifts. For the purpose of this report, the shifts were broken down into day shift, evening shift and midnight shift. Midnight shift experienced the lowest number of incidents and cases. Evening shift experienced the highest number of incidents and cases.

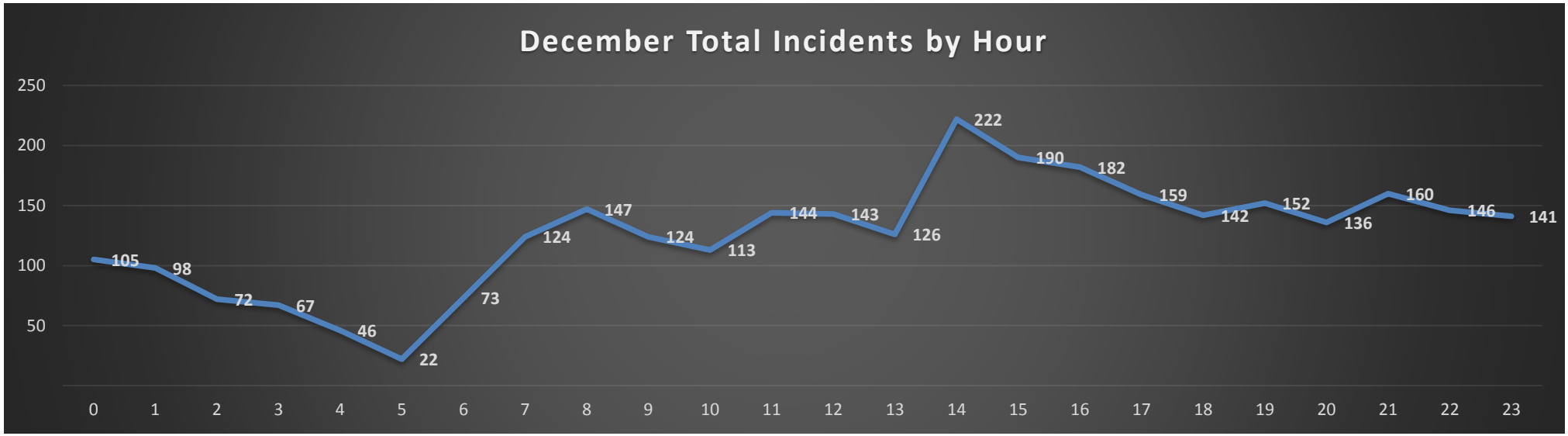


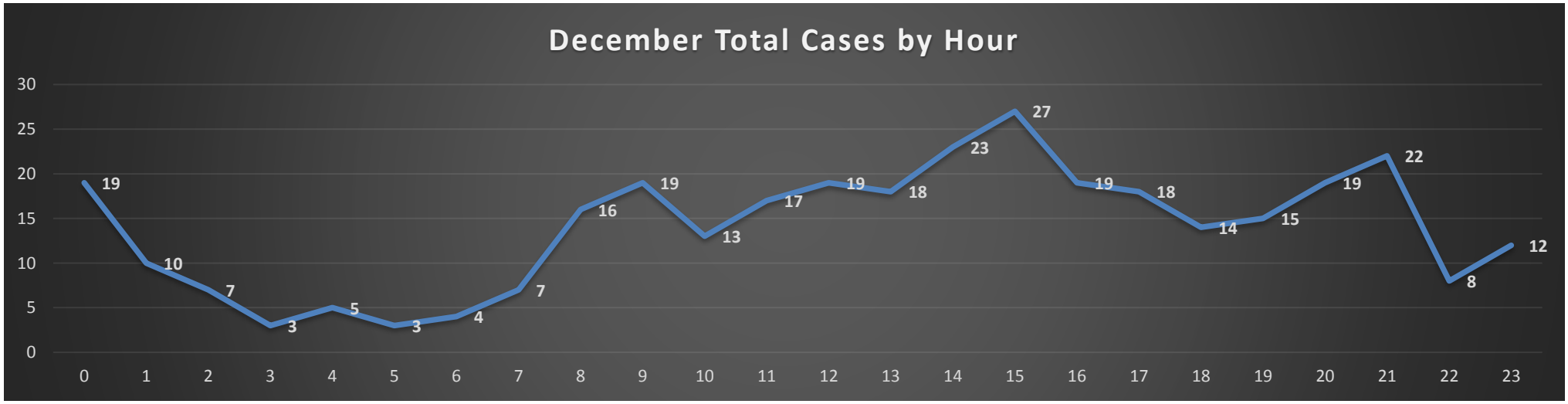
NOTE: The totals in the graph above do not include Patrol Checks.

Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Incidents and Case Reports by Hour

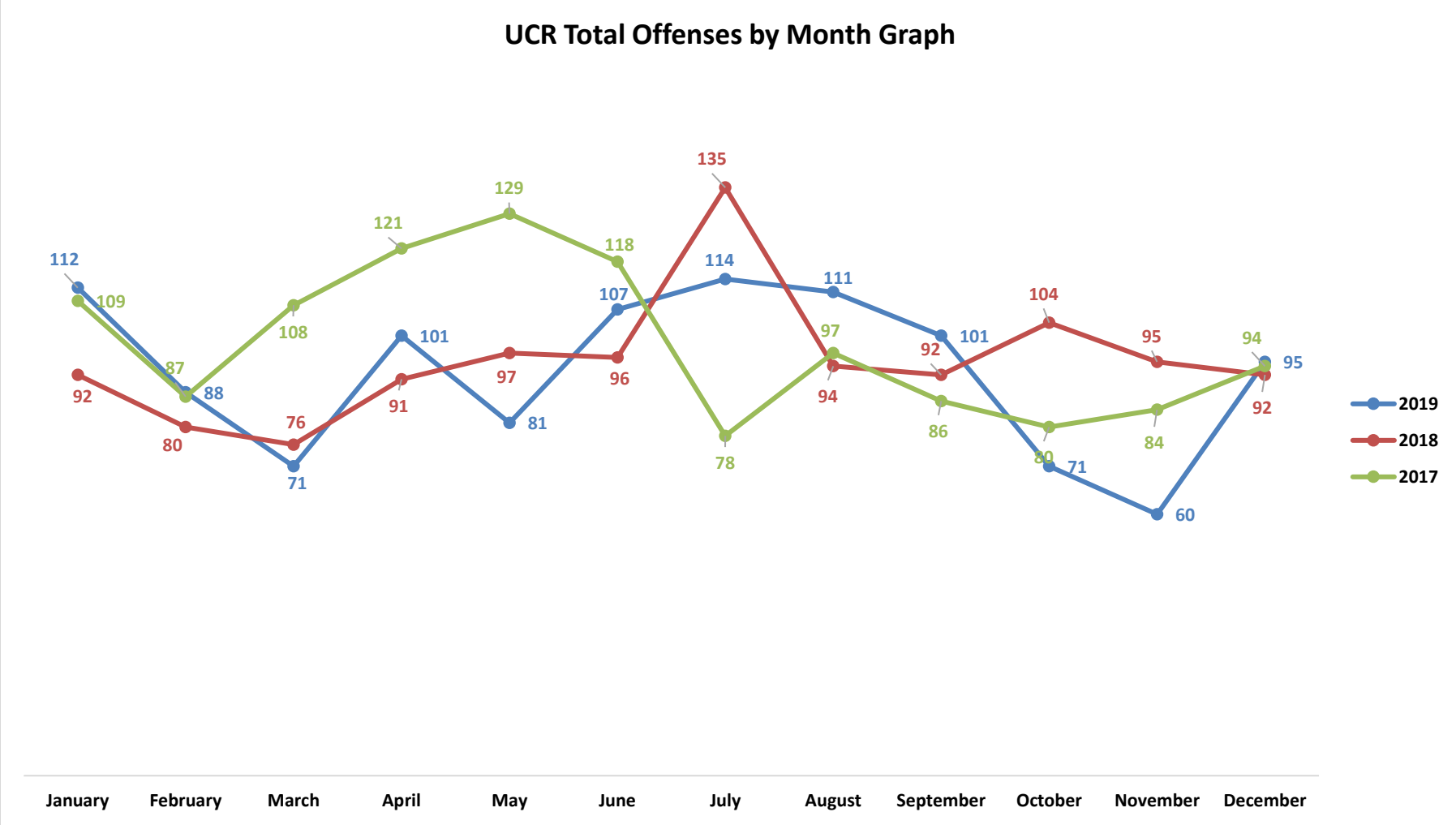
Note: The charts below illustrates incidents broken down by time of day. These totals do not reflect Patrol Checks.





Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Total UCR Offenses by Month – 2019, 2018 & 2017



***NOTE:** UCR Simple Assaults Offenses totals are no longer included in the line graph.**

Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Legislation Details (With Text)

File #:	20-88	**Version:**	1	**Name:**	January, 2020 Monthly Purchasing Approval Information
Type:	Informational Item			**Status:**	Agenda Ready
File created:	2/3/2020			**In control:**	City Council
On agenda:	2/26/2020			**Final action:**	
Title:	Council request to review the cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2019 to 01/31/2020. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	PO Monthy Report to City Council 10.01.19 thru 01.31.20.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date:	February 3, 2020
Agenda Date:	February 26, 2020
Prepared By:	Diane Kozlak, Senior Buyer
Through:	Heath Hancher, Purchasing Manager

Requested Action:
Council request to review the cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2019 to 01/31/2020**.**

BACKGROUND:

The following reports for the period October 01, 2019 through January 31, 2020 provide a summary of all the purchases $35,000 and over up to $50,000.

1. Purchases approved by the City Manager or designee.

2. Purchases approved by the CRA Board.

3. Purchases approved by the City Council.

These reports are date/time driven and any differences between the summary and detailed information is a timing issue.

RECOMMENDED MOTION:

None. Information only.

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Purchase Order Approvals 10-01-19 thru 01-31-20

$35,000 TO $50,000 Recap Sheet

Total Purchase Orders Issued = 20

City Manager = 10

City of Cocoa CRA Board = 0

City Council = 10

Purchase Order Approvals 10-01-19 thru 01-31-20
$35,000 to $50,000 By City Manager

PO #	PO Date	Vendor	PO Amount	Approval Date	By Whom
75274	10/9/2019	Alan Jay Chevrolet Oldsmobile	$ 36,196.00	10/9/2019	Matthew J. Fuhrer (Acting)
75276	10/9/2019	Trane (Maitland)	$ 46,986.00	10/9/2019	Matthew J. Fuhrer (Acting)
75279	10/9/2019	S & L Materials, Inc.	$ 35,000.00	10/9/2019	Matthew J. Fuhrer (Acting)
75373	10/11/2019	Ring Power Corporation-Palm Bay	$ 42,589.00	10/11/2019	John A. Titkanich, Jr. AICP
75430	10/18/2019	Core & Main LP	$ 45,154.90	10/15/2019	John A. Titkanich, Jr. AICP
75461	10/18/2019	Brev. Cty. Emergency Management	$ 38,012.00	10/15/2019	John A. Titkanich, Jr. AICP
75636	11/13/2019	H&H Liquid Sludge Disposal	$ 47,000.00	11/12/2019	John A. Titkanich, Jr. AICP
75640	11/13/2019	Verizon Wireless	$ 41,280.00	11/13/2019	Matthew J. Fuhrer (Acting)
75659	11/15/2019	Garganese, Weiss, D'Agresta	$ 35,000.00	11/15/2019	Matthew J. Fuhrer (Acting)
75876	12/23/2019	G4S Secure Solutions (USA) Inc.	$ 37,268.40	12/20/2019	John A. Titkanich, Jr. AICP

10 **Purchase Order Approved by City Manager**

Prepared by Purchasing 2/3/2020

Purchase Order Approvals 10-01-19 thru 01-31-20
$35,000 to $50,000 By CRA Board

PO #	PO Date	Vendor	PO Amount	Approval Date	By Whom

0 **Purchase Order Approved by CRA**

Prepared by Purchasing 2/3/2020

Purchase Order Approvals 10-01-19 thru 01-31-20
$35,000 to $50,000 By City Council

PO #	PO Date	Vendor	PO Amount	Approval Date	By Whom
75230	10/8/2019	Flowers Chemical Laboratories	$ 44,712.00	9/25/2018	City Council
75254	10/9/2019	Industrial Chemicals Inc.	$ 35,200.00	9/11/2019	City Council
75284	10/9/2019	Axon Enterprises, Inc.	$ 49,902.00	10/24/2017	City Council
75364	10/11/2019	FL. Dept. of Corrections	$ 43,122.75	12/12/2017	City Council
75370	10/11/2019	Brev. Cty. Bd. Of Cty. Comm.	$ 50,000.00	10/25/2016	City Council
75379	10/11/2019	United Self Insured Services	$ 50,000.00	8/22/2017	City Council
75495	10/25/2019	Glover Oil Company	$ 35,775.00	12/12/2017	City Council
75571	11/1/2019	Alan Jay Chevrolet Oldsmobile	$ 46,860.00	10/23/2019	City Council
75642	11/13/2019	Lisa Cullen Tax Collector-Titusville	$ 36,960.00	4/24/2018	City Council
75780	12/9/2019	University of Central Florida	$ 50,000.00	10/9/2019	City Council

10 **Purchase Order Approved by City Council**

Prepared by Purchasing 2/3/2020