City of Cocoa

65 Stone Street
Cocoa, FL 32922

Meeting Agenda - Final

Wednesday, September 25, 2019

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 19-434 Approve the Agenda for the Regular meeting of September 25, 2019, as presented or with amendments.

Attachments: 09-25-2019 Short Agenda.pdf

MINUTES:

II.2(a) 19-435 Approve the Minutes of the Regular meeting of August 14, 2019, as written or with amendments.

Attachments: 08-14-2019 Minutes.pdf
EXHBIT A-YMCA Presentation 001.pdf
EXHIBIT B- Letter from Donna Kettner.pdf
EXHIBIT C- (DA - Integra).pdf

II.2(b) 19-437 Approve the Minutes for the Emergency Meeting held on August 30, 2019, as written or with amendments.

Attachments: Emergency City Council Meeting Minutes.pdf

III. AWARDS AND PRESENTATIONS:

III.1 19-443 Proclamation: "35th Anniversary of the First Domestic Violence Shelter in Brevard County". (Mayor Williams)

Attachments: 35th Anniversary of the first Domestic Violence Shelter in Brevard Cty.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.

VI. CONSENT AGENDA:

VI.1 19-360 Approve a Budget Resolution amending the Fiscal Year 2019 budget; approve Budget Amendment # 2019-117 which will reverse Budget Amendment #s 2019-101, 2019-102 and 2019-0197 as they pertain to the budget for the Section 108 loan; provide budget for the Section 108 debt proceeds and capital budget for the Dr. Joe Lee Smith Center in Fund 108 and to provide budget in the Section 108 Loan Fund for the 2.23% loan subsidy. (Community Services Director)

Attachments: Budget Resolution-Section108LoanFund-2019.docx
BAF 19-117 -FN-Section 108 Loan pg. 1 of 3 (9-25-19) Agenda 19-360.pdf
BAF 19-117 -FN-Section 108 Loan pg. 2 of 3 (9-25-19) Agenda 19-360.pdf
BAF 19-117 -FN-Section 108 Loan pg. 3 of 3 (9-25-19) Agenda 19-360.pdf

VI.2 19-430 Award Bid # B-20-01-COC, Water & Wastewater Treatment Chemicals, to Tanner Industries, Inc., Southampton, Pennsylvania, for Anhydrous Ammonia; Pending Budget Approval, To Request Additional Funds not to Exceed the Total Budgeted Amount of $4,118,435 for Dyal Water Treatment Plant Chemicals for Fiscal Year 2020. (Utiliites Director)

Attachments: Final Memo.pdf
Bid Tab Sheet.pdf
Exhibit A.pdf
FY2020Chemicals.pdf
B-20-01-COC Notice of Award Anhydrous Ammonia_9.19.pdf

VI.3 19-433 Approve Amendment #1 to Task Order 2019-26 (Change Order #1 to Purchase Order 74414) with Atlantic Development of Cocoa Inc., Cocoa, Florida, for an Addition in Funds Required for the Repair of a 12” Tapping Valve located at 33rd Street and A1A in Cocoa Beach, Project No. WS11VR. (Utilities Director)

Attachments: Atlantic Development Estimate #18389 (003).pdf
Atlantic Development Change Order Form.pdf
TO 2019-26 Atlantic Development.pdf

VI.4 19-444 Approve the purchase of an Elgin Broom Bear Mechanical Sweeper from Environmental Products of Florida utilizing Florida Sheriffs Association contact # FSA18-VEH16 and authorize a purchase order in the amount of $270,032.00, pending the Adoption of the Fiscal Year 2020 Budget.

Attachments: Elgin Broom Bear Proposal - Cocoa 07152019.pdf

VII. PUBLIC HEARINGS:

VII.1 19-415 Pass on First 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: Exhibit A - Resilient Cocoa 6-14-19.pdf
Exhibit B - EAR Elements (strike-thru copy).pdf
Exhibit C - EAR Amendment Map Series.pdf
EAR Elements (clean copy).pdf
CIP FY2018-2022.pdf
Legal Ad Proof - Comp Plan EAR Amendments.pdf
Ord. 13-2019 - EAR Amendments.pdf

VII.2 19-445 Approve Resolution 2019-084 adopting the Final Millage Rate of 5.9790 mills for the City of Cocoa Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020, which represents an increase of 3.36% over the rolled-back rate of 5.7844.

Approve Resolution 2019-085 adopting the Final Budget and CIP for the City of Cocoa for the Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020. (Finance Director)

Attachments: Resolution Adopting the Final Millage Rate 2019-084.doc
Resolution Adopting the Final Budget 2019-085.doc
FY20 Proposed Budget Activity Summary Report (2019-09-19).pdf
FY20 Proposed Budget Catagory Summary Report (2019-09-19).pdf

VIII. COUNCIL BUSINESS:

VIII.1 19-448 City Council approval of Interlocal Agreements between the Brevard County Board of County Commission and the City of Cocoa and the US1 Corridor and Diamond Square Community Redevelopment Agencies. (City Manager)

Attachments: 08092019 ILA Cocoa U.S. 1 Corridor CRA CLEAN (003).pdf
09062019 ILA Cocoa Diamond Square CRA CLEAN (003).pdf

IX. CITY BUSINESS:

IX.1 19-391 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. (Community Services Director)

Attachments: Career and Technical Center Support Letter 2019.pdf
JOB Growth Grant proposal Brevard Adult Ed 2019.docx
florida-job-growth-grant-fund-workforce-training-form.pdf
042318 Minutes.pdf

MULTI-YEAR CONTRACTS:

IX.2 19-440 Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving, Inc. in the amount of $181,534.10 for the milling, paving and striping of Pineda Street from Dixon Blvd to Peachtree Street ,(Project #PW20PS), utilizing Brevard County Bid # B4-18-50, effective June 21, 2019 through June 20, 2020. Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving in the amount of $76,276.20 utilizing Brevard County Bid # B4-19-07 effective January 14, 2019 to January 13, 2022 for the demolition and reconstruction of non-compliant ADA ramps, sidewalks and curbing on Pineda Street from Dixon Blvd to Peachtree Street. Authorize the City Manager to approve any change orders up to $50,000 for any additional work as needed. Pending the approval of Fiscal Year 2020 Budget. (Public Works Director)

Attachments: Goodson Milling &Paving Quote.pdf
Goodson ADA Ramps Quote.pdf
Goodson Renewal Asphalt.pdf
Goodson Bid Tab Asphalt.pdf
Goodson Concrete Award.pdf
Goodson Concrete Bid Tab.pdf
Asohalt Paving Contract Original.pdf
Concrete Curb and Gutter Contract.pdf

X. INFORMATIONAL AGENDA:

X.1 19-420 Council request to review the cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2018 to 08/31/2019. (Finance Director)

Attachments: PO Monthy Report to City Council 10.01.18 thru 08.31.19.pdf

X.2 19-436 Cocoa Police Department District Event Statistics for the month of July, 2019. (Chief of Police)

Attachments: JUL 2019 Council Report by District .pdf

X.3 19-441 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: Contingency August 2019 Report.pdf

X.4 19-442 FY 2019 Budget Adjustment Report. (Finance Director)

Attachments: August FY 2019 REVENUE Budget Tracking Worksheet.pdf
August FY 2019 EXPENSE Budget Tracking Worksheet.pdf

X. REPORTS:

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.

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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 #:	19-434	**Version:**	1	**Name:**	
Type:	Agenda			**Status:**	Agenda Ready
File created:	9/9/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Approve the Agenda for the Regular meeting of September 25, 2019, as presented or with amendments.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	09-25-2019 Short Agenda.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 9, 2019
Agenda Date: September 25, 2019
Prepared By: Carie Shealy, City Clerk
Through:
Requested Action:
Approve the Agenda for the Regular meeting of September 25, 2019, as presented or with amendments.

BACKGROUND:

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

STRATEGIC PLAN CONNECTION:

NA

BUDGETARY IMPACT:

NA

PREVIOUS ACTION:

The City Council has approved its agenda for each meeting at the beginning of such meetings.

RECOMMENDED MOTION:

Approve the Agenda for the Regular meeting of September 25, 2019, as presented or with amendments.

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AGENDA

CITY OF COCOA
REGULAR MEETING OF THE CITY COUNCIL

September 25, 2019

DATE: September 25, 2019	**LOCATION:** City Council Chambers
TIME: 6:00 p.m.	65 Stone Street, Cocoa

I. OPENING MATTERS:

Call to Order
Invocation
Pledge of Allegiance
Roll Call

II. APPROVAL OF AGENDA AND MINUTES:

1. Agenda: Regular Meeting of September 25, 2019 (19-434)
2. Minutes: (a) Regular Meeting of August 14, 2019 (19-435)
   (b) Emergency Meeting of August 30, 2019 (19-437)

III. AWARDS AND PRESENTATIONS:

1. Proclamation: "35th Anniversary of the First Domestic Violence Shelter in Brevard County". (19-443). (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 Budget Resolution amending the Fiscal Year 2019 budget; approve Budget Amendment # 2019-117 which will reverse Budget Amendment #s 2019-101, 2019-102 and 2019-0197 as they pertain to the budget for the Section 108 loan; provide budget for the Section 108 debt proceeds and capital budget for the Dr. Joe Lee Smith Center in Fund 108 and to provide budget in the Section 108 Loan Fund for the 2.23% loan subsidy. (19-360). (Community Services Director)

2. Award Bid # B-20-01-COC, Water & Wastewater Treatment Chemicals, to Tanner Industries, Inc., Southampton, Pennsylvania, for Anhydrous Ammonia; Pending Budget Approval, To Request Additional Funds not to Exceed the Total Budgeted Amount of $4,118,435 for Dyal Water Treatment Plant Chemicals for Fiscal Year 2020. (19-430). (Utilities Director)

3. Approve Amendment #1 to Task Order 2019-26 (Change Order #1 to Purchase Order 74414) with Atlantic Development of Cocoa Inc., Cocoa, Florida, for an Addition in Funds Required for the Repair of a 12” Tapping Valve located at 33rd Street and A1A in Cocoa Beach, Project No. WS11VR. (19-433). (Utilities Director)

4. Approve the purchase of an Elgin Broom Bear Mechanical Sweeper from Environmental Products of Florida utilizing Florida Sheriffs Association contact # FSA18-VEH16 and authorize a purchase order in the amount of $270,032.00, pending the Adoption of the Fiscal Year 2020 Budget. (19-444). (Public Works Director)

VII. PUBLIC HEARINGS:

1. Pass on First 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. (19-415). (Community Services Director)

2. (a) Approve Resolution 2019-084 adopting the Final Millage Rate of 5.9790 mills for the City of Cocoa Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020, which represents an increase of 3.36% over the rolled-back rate of 5.7844.

(b) Approve Resolution 2019-085 adopting the Final Budget and CIP for the City of Cocoa for the Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020. (19-445). (Finance Director)

VIII. COUNCIL BUSINESS:

1. City Council approval of Interlocal Agreements between the Brevard County Board of County Commission and the City of Cocoa and the US1 Corridor and Diamond Square Community Redevelopment Agencies. (19-448). (City Manager)

IX. CITY BUSINESS:

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)

MULTI-YEAR CONTRACTS:

2. Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving, Inc. in the amount of $181,534.10 for the milling, paving and striping of Pineda Street from Dixon Blvd to Peachtree Street ,(Project #PW20PS), utilizing Brevard County Bid # B4-18-50, effective June 21, 2019 through June 20, 2020. Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving in the amount of $76,276.20 utilizing Brevard County Bid # B4-19-07 effective January 14, 2019 to January 13, 2022 for the demolition and reconstruction of non-compliant ADA ramps, sidewalks and curbing on Pineda Street from Dixon Blvd to Peachtree Street. Authorize the City Manager to approve any change orders up to $50,000

for any additional work as needed. Pending the approval of Fiscal Year 2020 Budget. (19-440). (Public Works Director)

X. INFORMATIONAL AGENDA:

1. Cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2018 to 08/31/2019. (19-420). (Finance Director)

2. Cocoa Police Department District Event Statistics for the month of July, 2019. (19-436). (Chief of Police)

3. 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. (19-441). (Finance Director)

4. FY 2019 Budget Adjustment Report. (19-442). (Finance Director)

XI. ADJOURNMENT.

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Legislation Details (With Text)

File #:	19-435	**Version:**	1	**Name:**	
Type:	Minutes			**Status:**	Minutes
File created:	9/9/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Approve the Minutes of the Regular meeting of August 14, 2019, as written or with amendments.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	08-14-2019 Minutes.pdf EXHBIT A-YMCA Presentation 001.pdf EXHIBIT B- Letter from Donna Kettner.pdf EXHIBIT C- (DA - Integra).pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 9, 2019
Agenda Date: September 25, 2019
Prepared By: Carie Shealy, City Clerk
Through:
Requested Action:
Approve the Minutes of the Regular meeting of August 14, 2019, as written or with amendments.

BACKGROUND:

NA

STRATEGIC PLAN CONNECTION:

NA

BUDGETARY IMPACT:

NA

PREVIOUS ACTION:

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

RECOMMENDED MOTION:

Approve the Minutes of the Regular meeting of August 14, 2019, as written or with amendments.

MINUTES

CITY OF COCOA
REGULAR MEETING OF THE CITY COUNCIL

August 14, 2019

A Regular City Council Meeting was held on Wednesday, August 14, 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.

Pastor Rich Lively with the First Baptist Church of Cocoa provided the invocation, and Councilmember Goins 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
	Brenda Warner	Deputy Mayor
	Don Boisvert	Councilmember
	Alex Goins	Councilmember
	Lorraine Koss	Councilmember
	Anthony Garganese	City Attorney
	Matt Fuhrer	Assistant City Manager
	Carie Shealy	City Clerk
ABSENT:	John A. Titkanich, Jr.	City Manager

OTHER STAFF MEMBERS PRESENT:

Tammy Gemmati, Administrative Services Director; Jack Walsh, Utilities Director; Nancy Bunt, Community Services Director; Michael Cantaloupe, Chief of Police; Gene Prince, Fire Chief; Jonathan Lamm, Deputy Fire Chief; Ed Wegerif, Public Works Director; Rebecca Bowman, Finance Director; LeShawn Hinton, Helpdesk Support Technician; Samantha Senger, Assistant to the City Manager/ Public Relations Specialist; Dodie Selig, Planning Manager; and Lora Howell, Deputy Finance Director.

II. APPROVAL OF AGENDA AND MINUTES:

1. Agenda: Regular Meeting of August 14, 2019 (19-384)
2. Minutes: (a) Regular Meeting of June 12, 2019 (19-345)
   (b) Regular Meeting of June 26, 2019 (19-381)
   (c) Regular Meeting of July 10, 2019 (19-382)

Assistant City Manager Fuhrer advised that there was a proposed change to the agenda, which would be to add a Resolution relating to Port Canaveral. This would be Council Business VII.2. Additionally, there would be a Cocoa YMCA presentation under Awards and Presentations, and that would be Item III.4.

* **MOTION by Councilmember Koss; Seconded by Deputy Mayor Warner, to approve the agenda as amended for the Regular meeting of August 14, 2019.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

* **MOTION by Councilmember Boisvert; Seconded by Councilmember Goins, to approve the Minutes of the Regular meeting of June 12, 2019, the Regular meeting of June 26, 2019, and the Regular meeting of July 10, 2019.**

The motion was opened for discussion.

Councilmember Koss had an amendment to the June 12, 2019 minutes. She stated that on page 16, the last paragraph it should read the following: She felt that Reverend Watson channeled and viewed Barbara Jenkins strength in the face of adversity to everyone in attendance.

* **MOTION by Councilmember Boisvert; Seconded by Councilmember Goins, to approve the minutes as noted above with amendments.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

III. AWARDS AND PRESENTATIONS:

1. "Family Promise of Brevard" Presentation. (19-353). (Councilmember Koss)

Councilmember Koss introduced Tara Pagliarini with Family Promise of Brevard who presented on faith-based help for the homeless.

Ms. Pagliarini advised that they were a non-profit and a community response to ending family homelessness. They provide families with support and help them to have long standing stability. They have helped over 1,900 households while utilizing what was already in the community.

Hand-Up is an initiative to work with families before they become homeless. There are many homeless students in the community because of the gap of income and housing. Income remains stagnant but home costs rise.

Furthermore, there are many families working two job and still cannot afford housing. Families have no reserves and then fall into homelessness. They work in collaboration with the Central Brevard Sharing Center and can help families with back rent, mortgages, etc.

Their main collaboration is the Emergency Shelter Program. They went out to faith-based communities and asked if they would be willing to provide a safe spot for these families. They provide bedding and meals. There have been 122 families helped through this model. Every dollar donated is matched by $3.00 of goods and in-kind services. Christ Central is one of the churches that participates. The families stay from Sunday to Sunday and after that another church takes over. First Baptist of Cocoa will be the thirtieth church to join the program.

Ms. Pagliarini advised that the City can help by educating others. She provided a packet of information to all Council members. She asked that her name be shared as they need partners, volunteers, etc. because unless more is done they would continue to see families struggle.

She had a video to show but was unable of Janet and Jonathan, who went through the program and are now homeowners.

Councilwoman Koss mentioned that her thought was with the sixty plus churches in the City of Cocoa and with Council's help a summit of some sort could be

organized. By doing this they could provide information about the program and Council could be a part of it as well.

Ms. Pagliarini stated that they would be honored to be a part of a summit and agreed to email the video to Council.

2. Proclamation: “Florida Water Professionals Month”. (19-383). (Mayor Williams)

Councilmember Koss read the proclamation into the record.

3. Update on the Cocoa Village Playhouse. (19-385). (Dr. Staci Hawkins-Smith)

Staci Hawkins-Smith thanked Council for allowing them to speak early as they have their first audition of the year at 7 pm tonight. She introduced some of the Playhouse employees who were in attendance with her.

She advised that they were working in collaboration with many organizations, one being Cocoa High School. They held a concert this past weekend and raised $7,799.52.

Councilmember Koss added that does not include the $20,000 raised in sponsorships.

Dr. Hawkins-Smith mentioned that the Playhouse was more than performing arts as they also have community projects. She provided brochures of the new season and stressed that tickets prices were being kept affordable.

This weekend Hot Pink would be performing a Motown Concert. They are a local band who will be playing on their stage.

Deputy Mayor Warner asked how many years she had been with the Playhouse. In response, Dr. Hawkins-Smith announced they were celebrating thirty seasons.

Council felt that the Playhouse and the City were very fortunate to have her.

4. Cocoa YMCA Presentation. (Mayor Williams)

Mr. Dan Ekis spoke on behalf of the Cocoa YMCA and introduced their board members, including Deputy Mayor Brenda Warner.

He provided a presentation[1] to all Council members and to those in attendance. He gave a brief history of the Cocoa YMCA and mentioned that in 2004 they were provided the opportunity to locate at Brevard Community College. He thanked Council for the City's initial investment of $350,000 which helped them get where they are today.

Mr. Ekis provided photos of programs that were provided at the YMCA and acknowledged all of their sponsors and partners.

Discussion was held on renovations and finances. They asked the City for a one time gift of $350,000 or help to figure out how to keep the YMCA going.

Mayor Williams felt that this was an issue happening throughout the City and there were several amenities that should be helping sell Cocoa, yet no one has sat down with anyone to see what could be done.

Councilmember Koss stated that the YMCA was in her district and has been involved with them as both an adult and a child. She mentioned that she had met with Stockton Whitten and became aware of some of their concerns. Sh knows that they have invested a lot into the Titusville Y and asked why the same investments have not been made in Cocoa.

In response, Mr. Ekis advised that in the beginning of the presentation he spoke about investments and how they look at all twenty seven locations. They look at how they can help each one and they also look at the community and what that community could use.

Councilmember Koss clarified that Cocoa would be a focus of their mission since most of the City's population is underprivileged. Mr. Ekis confirmed that the funding being paid for would stay in this community. Money stays in the community where it is raised.

Mayor Williams pointed out the issues with the pool and HVAC issues.

Deputy Mayor Warner further mentioned that the pool was used by the Cops and Kids Program. She wanted to give direction to City management to sit down with the YMCA and the college to see if a plan could be thought of to keep the YMCA open. She believed that some pressure should be placed on the college and that the college looked abandoned. She was aware that they have been

[1] EXHIBIT A: Cocoa YMCA Family Center

concentrating on the Melbourne campus but felt that they had the funds for every campus except for Cocoa.

* **MOTION by Deputy Mayor Warner; Seconded by Councilmember Boisvert, to direct management to sit with both the YMCA and the college to see if there was something that could be done in order to keep the YMCA open.**

Mayor Williams announced that the college does have plans which will turn it into more of a technical school. He has also heard there were plans for the old Clearlake Middle School.

Assistant City Manager Fuhrer provided an update and mentioned that a meeting was scheduled with EFSC this upcoming Wednesday and they will follow up with the YMCA to schedule a meeting.

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

IV. DELEGATIONS:

Robert Jackson, 1229 Bolle Circle, Rockledge, voiced concerns regarding a convenience fee of $2.99 to pay his water bill online. He felt that this was excessive and has to write a check for the bill. He felt that this charge should be re-negotiated when the contract comes up.

Aleck Greenwood, 640 Brevard Avenue, Cocoa, provided a history about Jan Stewart's qualifications to be on the Cocoa CRA. He mentioned that the question was her having an occupational license. He spoke about the history of the CRA and that it goes back to 1981. He stated the intent was to take care of the blighted area which is now Cocoa Village. He noted that the opinion regarding Ms. Stewart's qualifications did not include the property owners and taxes that remain in the CRA. The original requirements were done verbally and he would like this issue to come up for discussion.

City Attorney Garganese stated that the issue was regarding a person's eligibility to serve on a CRA. He provided a brief history of the situation and noted that she maintains ownership of property in the City but does not run a business anymore. You have to meet the qualifications of statutes, it is not a matter of local qualifications. You have to reside in the area of the CRA or be engaged in

business and explained what that means. In his opinion, based on what little authority there is, owning a property, even being a landlord and leasing it out, does not mean you are engaged in business. Council could seek another opinion or the Attorney General's opinion.

A question was asked if they are required to file a Business Tax License. He noted the City Council has the authority to make the rules more clear.

City Attorney Garganese cited a couple of other cases like this one and felt that the court would agree that owning a property is not being engaged in business.

Lastly, he pointed out that the Council was bound by the statutes.

Marlene Weiss, 2415 Tulane Drive, Cocoa, thanked Council for the stop sign that was put in her neighborhood. She believes it has made a huge difference. She felt that it has been harder to live in this community the last few years. Cocoa has a lot of potential and she feels that it is disturbing. She is struggling to see any actions from the Sustainability Advisory Committee, of which she serves as a member. The City and residents need to have a voice in the development that is happening and they need to property manage the greenspaces.

Bill Morris, 1908 Manor Drive, Cocoa, spoke about the YMCA and that he uses the exercise machines and the pool daily, and he is 75 years old. Closing it would be a tremendous hit to his health, as he spoke in furtherance about all of the benefits the YMCA provides. There are many issues that need to be corrected within the facility but he urged the city to do what they could to save an asset.

Mayor Williams read a letter from Donna Kettner into the record[2], as she could not be in attendance.

Assistant City Manager Fuhrer provided an update on this situation and that there were a couple of businesses being impacted in the way she describes. The problem is coming from adjacent private property. Any solution would have to be developed or constructed on private property. Typically, the City does not play a part in this but due to the situation, they have worked together to come up with a solution and some changes have been made this week. If these changes work it will be considered to make them permanent. They will continue to

[2] EXHIBIT B: Letter from Donna Kettner read into the Record by Mayor Williams

monitor the situation and stressed that they were working with the property owners to work on a solution.

V. CONSENT AGENDA:

1. Approve a Municipal Services Agreement with Alliance for Neighborhood Restoration of Brevard for Fiscal Year 2020, pending the final approval of the City of Cocoa Fiscal Year 2020 budget. (19-347). (Chief of Police)

2. Approve Change Order #2 to P.O. 73370 with Flowers Chemical Laboratories, Inc. to Pay Invoices Through the End of FY2019. (19-375). (Utilities Director)

3. Approve Two Mitigation Credit Agreements with Craig Chown related to the Joint Purchasing Agreement between the City of Cocoa and the City of Melbourne for the Pineda Causeway Water Transmission Main Project including authorization to expend funds to cover the City of Cocoa's share of the costs associated with the Purchase of Wetland Mitigation Bank Credits for $39,200. (19-376). (Utilities Director)

* **MOTION by Councilmember Boisvert; Seconded by Councilmember Koss, to approve the Consent agenda.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

Mayor Williams announced that he along with other members of City Council and the City Manager would be traveling to the Florida League of Cities Annual Conference on the following dates:

- Mayor Williams: August 14-17, 2019
- Deputy Mayor Warner: August 15-17, 2019
- Councilmember Goins: August 15-17, 2019
- Councilmember Koss: August 15-17, 2019
- City Manager Titkanich: August 14-17, 2019

VI. PUBLIC HEARINGS:

1. Pass on Second Reading Ordinance No. 12-2019: A Zoning Text Amendment amending Appendix A, Article XI, Section 22 of the City of Cocoa Code to allow

parking as a Special Exception use in the Cocoa Village Sub-district of the Cocoa Waterfront Overlay District. (19-354). (Community Services Director)

City Attorney Garganese read Ordinance No. 12-2019 into the record, by title only as follows. He advised that this was the second and final reading and the only change made was a technical change. He explained that for the first reading there was an exhibit that showed the properties, text was changed to incorporate that information into the City Code and therefore, there is no longer an exhibit.

ORDINANCE NO. 12-2019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; AMENDING APPENDIX A, ARTICLE XI, SECTION 22 OF THE ZONING ORDINANCE OF THE CITY OF COCOA TO ALLOW PARKING AS A SPECIAL EXCEPTION USE IN THE COCOA VILLAGE SUBDISTRICT OF THE COCOA WATERFRONT OVERLAY DISTRICT; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, INCORPORATION INTO THE CODE, SEVERABILITY, AND AN EFFECTIVE DATE.

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

Councilmember Koss stated that this was such a prime piece of property and hoped it would be developed into something in the future.

* **MOTION by Councilmember Koss; Seconded by Deputy Mayor Warner, to approve Ordinance No. 12-2019 on second and final reading.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

2. Consideration of a Binding Development Agreement between the City of Cocoa, Florida and Integra Land Company to allow the developer to construct up to 249 apartments in 5 apartment buildings not to exceed 57 feet in height, with 5 parking garage buildings, a community clubhouse and certain public amenities on 2 parcels of land (Parcel ID: 24-35-13-00-750 and 24-35-24-00-1) totaling 150.35 acres and located on the south side of State Road 524 between Westminster Dr. and London Blvd. (19-355). (Community Services Director)

Ms. Selig provided a presentation[3] and noted that this item was for the consideration of a Binding Development Agreement between the City of Cocoa and Integra Land Company to allow the developer to construct up to 249 apartments in five apartment buildings, not to exceed 57 feet in height, with five parking garage buildings, a community clubhouse and certain public amenities on two parcels of land.

She provided a project summary and pointed out that both parcels are on the south side of State Road 524 between Westminster Drive and London Boulevard.

A development history was provided and she mentioned that on November 9, 2014, the City's Board of Adjustment granted a height variance to allow for an increase in height from 35 to 45 feet.

Additionally, the Planning and Zoning Board conditionally approved a site plan on April 8, 2015 in order to allow for the development of a project known as "The Preserve at Cocoa". Both of these approvals have expired.

Ms. Selig provided renderings of the concept plans and noted that the developer will be required to develop the project to include certain amenities.

Consistency with the Comprehensive Plan Policies and Objectives were discussed, as well as concurrency management.

She explained that if this was approved, the development agreement will be signed and recorded in the official records of Brevard County, subject to applicable conditions.

The Planning and Zoning Board recommended approval of this item at their meeting on August 6, 2019.

Mayor Williams applauded the Planning & Zoning Board and mentioned that they asked a lot of questions. Additionally, the TPO is looking at moving the widening project up on SR 524.

David McDaniel, International Parkway, the Developer, noted that he has been building multi-family housing for thirty-three years. He found this location to be very attractive.

[3] EXHIBIT C: Development Agreement Integra Land Company

Mayor Williams spoke about the solar panel issue and the Sustainability Advisory Committee. Mr. McDaniel agreed that they would consider solar and would make an effort to use it in some areas, however, they probably could not do the whole development.

Mr. Larry Koss, 2115 North Indian River Drive, Cocoa, is on the Planning & Zoning Board and has seen development companies come and go through the process and during this time, he has listened to those people who live nearby. Many feel that their property will be flooded. They then bring in fill and if their neighbor has lower elevation, they will then be flooded. He was aware that the City approved someone to build without a stormwater management plan, but with more development there will continue to be a problem. He is okay with the development, he just urged the City to be smart about it. He noted he was reiterating concerns that he has heard.

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 Warner, to approve the item.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

3. City Council consideration and public comment on the allocation of the 2019 Edward Byrne Memorial Justice Assistance Grant in the amount of $22,166. (19-374). (Chief of Police)

Chief Cantaloupe explained what this purchase would entail and noted that all officers and vehicles would be equipped with same equipment.

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

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

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

VII. COUNCIL BUSINESS:

1. Consider the Donation Application request from Brevard Schools Foundation, Inc., on behalf of Cocoa High School, for the Cocoa High School Chorus Carnegie Hall Trip. (19-389). (Administrative Services Director)

Dr. Misty Martinez from Cocoa High School introduced herself.

Councilmember Koss added that this past weekend they raised more funds towards the New York trip.

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

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

City Attorney Garganese agreed that this was a great endeavor and he was inspired when he heard the students perform here in Council Chambers. On behalf of his firm they would like to contribute $1,000 towards the trip.

2. Resolution regarding Port Canaveral's support of the Indian River Lagoon. (This item was added)

Assistant City Manager Fuhrer stated that this was a walk on item and was being done at the request of Rep. Tyler Sirois. He read the Resolution into the record.

RESOLUTION NO. 2019-073

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COCOA, FLORIDA, URGING THE CANAVERAL PORT AUTHORITY TO CONSIDER JOINING THE COMMUNITY-WIDE EFFORT TO HELP RESTORE THE INDIAN RIVER LAGOON: PROVIDING FOR REPEAL OF PRIOR INCONSISTENT RESOLUTIONS; PROVIDING FOR AN EFFECTIVE DATE.

* **MOTION by Councilmember Koss; Seconded by Councilmember Boisvert, to approve the item.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

VIII. CITY BUSINESS:

1. Approve a Resolution amending and updating the Utility Handbook for changes in existing policy and to Approve the Schedule B: Miscellaneous Utility Rates, Fees, & Charges and to approve the ability of staff to make administrative changes to the Utility Handbook that do not alter the approved policies contained therein. (19-254). (Finance Director)

Ms. Bowman advised that this item was in regards to an update to the Utility Handbook. She explained what the change entailed. This is a comprehensive handbook for customers and staff which includes policies, ordinances, etc. This would also change some of the fees which are all included in the cover memo of the agenda item.

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

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

2. Pursuant to Resolution No. 2016-87 establishing water, sewer and reclaimed water charges and usage rates, accept Stantec's FY 2019-20 Utility Rate Study, validating the implementation of an automatic five percent (5%) increase to the water, fire lines, hydrant, wastewater and reclaimed water fixed monthly charges and usage rates effective October 1, 2019; and provide for the update of Utility Handbook Schedule A: Utility Rates, Fees, & Charges. (19-255). (Finance Director)

Ms. Bowman presented the item and reminded Council that the City contracts with Stantec. They review the plan annually and based on their recent review they are requesting a five percent increase.

Mr. Walsh added that the Utilities Advisory Board met last week at which they saw Stantec's presentation and they unanimously recommended to approve the 5% increase.

*** MOTION by Councilmember Boisvert; Seconded by Councilmember Koss, to approve the item.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

Councilmember Koss mentioned that there were a lot of increases coming up and Cocoa has a large base of fixed incomes.

Mayor Williams understood her concerns and from a citizens' standpoint, we want to know and see where the money is going. He felt that the City should be more transparent as to where the monies are going.

MULTI-YEAR CONTRACTS:

3. Consider approval of a multi-year contract between the School Board of Brevard County and the City of Cocoa for three School Resource Officers for the 2019-2020 School year, July 1, 2019 through June 30, 2020. Also approval for authorizing the City Manager and City Attorney to finalize and execute the contract with the School Board. (19-357). (Chief of Police)

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

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

IX. INFORMATIONAL AGENDA:

1. Data showing the relation between the estimated and actual income and expenses to date. (19-370). (Finance Director)

2. Cocoa Police Department District Event Statistics for the months of April, May, and June, 2019. (19-371). (Chief of Police)

X. REPORTS:

Mr. Wegerif provided an update on the paving on Brevard Avenue. It has been milled and they hoped to get the asphalt down tonight, weather permitting. Next week they will start Delannoy, again, weather permitting.

Public Works is also working on the planting in the medians. They required 8,000 plants and 2,000 have been planted, however, the weather is not helping. They are being put in by City crews working overtime. Mulch has been put out by the contractors. They hoped to have the project completed by the end of the year.

Mayor Williams stated there was some concern about pavers and mentioned nothing had been done where there was supposed to be pavers. Mr. Wegerif advised that there would be some temporary repairs and pavers would be done in time. He assured them that something would be done on a temporary basis.

Ms. Bowman noted that with all of the rain it has been challenging to get out and read all of the meters so some bills would be estimated on this upcoming cycle. She further spoke about the credit card fees and stated that it was the standard charge and was comparable to the other fees charged by companies for credit card processing. There is not a fee if automatic payment is set up.

Mr. Walsh spoke about an email forwarded to them about a week ago. He noted that the final proof came back and a notice would be going out in water bills. He asked that inquiries be directed to either himself or Don Downs. He assured everyone that the water has always been safe to drink and explained the issue was with the alkaline. There was strong language in the notice going out to customers.

He further commented on the Mayor's comment about dollars being spent and capital projects. He advised that all of this is available on the website. All projects and schedules are shown online as they are attempting to be as transparent as they can. Without these increases these projects would not have been done.

Mayor Williams stated that there was a portion of the community without internet access and he just wanted to ensure that we are reaching as many individuals as we can.

Assistant City Manager Fuhrer reminded everyone that applications for the Cocoa CRA vacancy are due tomorrow.

He also spoke in regards to transparency and mentioned that the City was in the process of developing a page relating to stormwater which would include projects and an interactive setting so that citizens can view their own properties.

Lastly, he announced that tomorrow morning is City Hall Selfie Day at City Hall, at 9:00 a.m. The first fifty people will get a t-shirt.

At the request of Councilmember Koss, City Attorney Garganese announced that he received the Municipal Attorney of the Year Award, which is a very prestigious honor. He stated that it was always a pleasure to represent the City.

Councilmember Koss spoke about the IEMO training and her request to move Reports up to fall under Delegations on the agenda.

* **MOTION by Councilmember Koss; Seconded by Councilmembers Goins, to approve the proposed change to move Reports under Delegations on the agenda.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

City Attorney Garganese stated he would also bring back an item to amend the rules at some point in the future.

Councilmember Koss mentioned the investment broker who spoke at the last meeting and the investments that the City had in fossil fuels.

* **MOTION by Councilmember Koss to give guidance to the City's financial investment to move away from fossil fuels.**

Mayor Williams felt that more information was needed but understood her feelings.

Assistant City Manager Fuhrer advised that staff could work with the investment advisor on this.

Councilmember Koss asked about the status on a resolution regarding the East Central Florida Regional Resilience Collaborative. In response, Assistant City Manager Fuhrer assured her that the City Manager has been working with staff at the East Central Florida Planning Council.

Deputy Mayor Warner mentioned that Council entered into an agreement a little over a year ago with Broadmoor Acres to forgive liens providing that they build

homes. Yesterday they broke ground on two of those lots. She thanked 93 year old Ms. Sheriff who was an original property owner and has lived in Broadmoor Acres all of her life. Ms. Laura West also did an amazing job speaking to Channel 6 News. She thanked all who came out and supported the ground breaking for 1115 Broadmoor and 1102 Broadmoor. Land clearing will begin tomorrow providing that the weather holds out.

Councilmember Goins asked Mr. Wegerif about the right of ways and the process of evaluating those that need the grass cut. Mr. Wegerif advised that there was a schedule and between inmate crews and staff, they do their best to get it done. Grass is growing like crazy but they are aware of the areas that need serviced.

He was concerned that code violations were being given to residents with grass above twelve inches but some of the areas that we maintain are above twelve so it makes it difficult when he has to meet with citizens who contact him. He requested a listing of where the inmate crews cut and he would like certain areas cut.

Mr. Wegerif mentioned that property owners were required to maintain the right of ways at their house. The Housing Authority maintains those in front of their properties but there were some that the City was responsible for.

Councilmember Goins stated the he had also spoken with Rockledge and knows that the inmates do not do a good job. They do not edge and they do not pick up trash prior to cutting.

In response, Mr. Wegerif agreed to discuss this issue with them but generally a crew picks up trash, then they edge, then cut.

Mayor Williams agreed with Councilmember Goins and has the same issues with the right of ways. Everyone, including the contractors know when the rainy season is but he feels like we have been treated like second hand citizens and believes the contractors should be doing a better job.

He referenced an area on Jackson Street and other areas throughout the City where green waste was not being picked up and that was through Waste Management.

Additionally, the Speedway on SR 520 and Fiske Boulevard had palm fronds all over. It looks bad when people are driving through the City. We deserve better.

Furthermore, the storm drains on Jackson Street are covered and Washington Street has flooding. 1108 Peachtree Street and the daycare now has flooding and this was after the Peachtree project was done. There is not a storm drain where the water can run off. All of the mulch is almost gone at Provost Park and there is water under the swings. There is a lot of little things that need to be addressed. We need to change what is happening if we want to attract people here.

Councilmember Goins asked how plans were reviewed after a engineer brings a project forward to the City.

Mr. Wegerif explained that plans are usually prepared by professional engineers which go through the water management district and staff review before being approved. He explained that Peachtree was flat and when you add curbing it can make things difficult. He assured Council that the daycare situation would be fixed.

Mayor Williams mentioned the Sharing Center and that there were not any sidewalks. It was disheartening to see students waiting on the school bus without sidewalks. Something needed to be done about that.

Councilmember Goins reminded staff that he had brought up mobile vending in the City. He asked about the status on that. Assistant City Manager Fuhrer noted that there had been some staff discussion, and this would be brought back in the form of a workshop.

XI. ADJOURNMENT.

*** MOTION by Councilmember Boisvert; Seconded by Councilmember Goins, to adjourn the Regular meeting of August 14, 2019.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

The meeting adjourned at 8:20 p.m.

_____

Jake Williams, Jr., Mayor

ATTEST:

_____

Carie E. Shealy, MMC, City Clerk

YMCA of Central Florida

Cocoa YMCA Family Center

FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

EXHIBIT A: YMCA Presentation

Embracing the Space Coast

In 2002, The YMCA of Central Florida merged with the Brevard County Y, to be named the Titusville YMCA, after a successful capital campaign led by Robin Fisher, a 30-year Y volunteer. This paved the way for a unique partnership in Brevard County: The Cocoa YMCA Family Center.

In April of 2004, the YMCA of Central Florida launched its Cocoa YMCA Family Center at Brevard Community College.

The City of Cocoa contributed $350,000 toward this comprehensive YMCA partnership.

This YMCA served Cocoa residents, as well as college students, faculty and staff, and alumni and still does today.

Cocoa YMCA Family Center – 2018 Activity

4,940
People served
Membership & Programs

286 Silver Sneakers
418 Youth Sports
236 Aquatics

100% Cocoa Y members are on reduced rate (Brevard County Membership rate which is lower than rest of Central Florida YMCAs)

60% of members are on Financial Assistance

17% of members also receive a scholarship (ranging from a 30%-50% discount on their membership)

Since opening its doors in 2004, an average of 3,500 people have been served at the Cocoa Y each year

SilverSneakers Fitness Program

Redefining aging through fitness and friendship

286 Cocoa Seniors Members participate in SilverSneakers yearly

The SilverSneakers® Fitness program is an innovative health, exercise and wellness program helping older adults live healthy, active lifestyles.

Regular participation in SilverSneakers can help you build muscular strength, improve joint mobility and increase cardiovascular endurance, leading to improved health and greater independence.



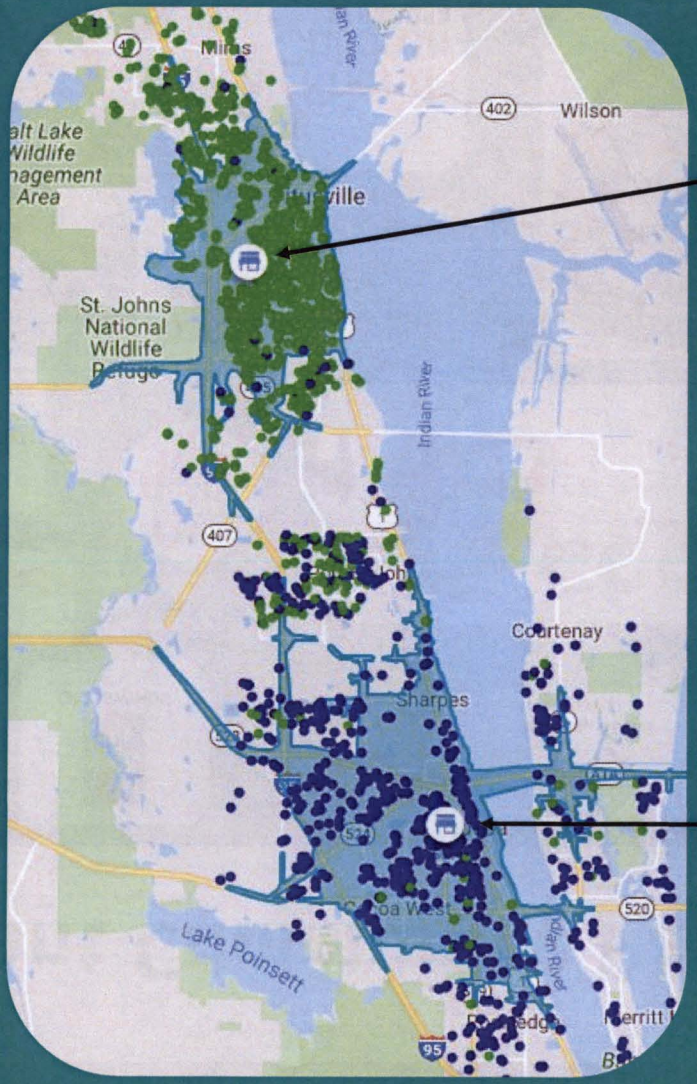
"I am 75 and work out in group classes 6 times a week thanks to the SilverSneakers YMCA program."

2013-2019 Community Impact

MEMBERSHIP	
Total # of individual members	22,539
# of Silver Sneakers members	3,024
Total individuals impacted by membership	25,563
PROGRAMS	
Sports registrations	7,272
Aquatic registrations	6,253
Camp Weeks	4,441
Total program registrations	17,966
DONORS	
# of individual donors	1,372

YMCA of Central Florida Association Outreach
Demographic Comparison - 12-minute Drive Time Area

2018	Cocoa	South Orlando	Wayne Densch	Osceola
Population	40,720	81,108	117,174	52,620
Pop. 14 and under	7,329	16,090	25,811	10,346
14&U % of total	18.0%	19.8%	22.0%	19.7%
Average age	42.5	33.5	33.2	35.1
Households	17,093	28,644	41,564	19,810
Household income				
Median	$40,758	$38,243	$38,676	$34,685
Average	$57,313	$56,200	$53,050	$44,938
% > $75K	22.7%	20.3%	19.1%	14.1%
% Hispanic	11.3%	37.2%	17.1%	63.8%
% Black	22.8%	35.8%	61.3%	13.6%


Titusville
YMCA
Brevard County
12-minute Drive
Time Areas
Cocoa
YMCA
Wilson
St. Johns
National
Wildlife
Indian River
Courtenay
Sharpes
Lake Poinsett
407
520
95

Current Community Partners













the YMCA

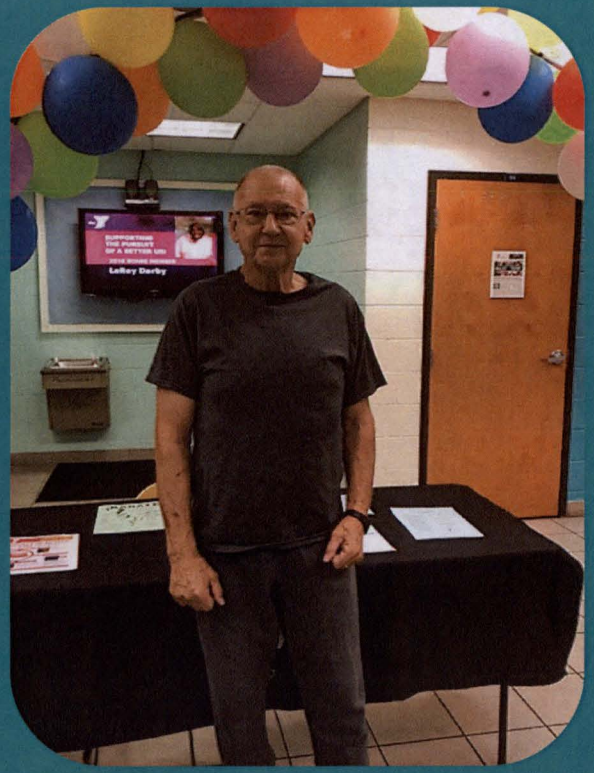
Member Testimonial

Cocoa YMCA Member, Ben Radar, was a size 50 inch waist nine months ago.

Today he celebrates losing 100 pounds and shrinking his waist size to 36 inches!

Ben is off blood pressure medicine and no longer carries a oxygen tank or his handicap sticker!

He attributes much of his success to the Cocoa YMCA.



the YMCA




COACH




PLEDGE TO
PROTECT KIDS
FROM SEXUAL
ABUSE.

Cocoa Member Goals

- Debra is a Stage 4 cancer survivor, and is in remission. She is in her early 70s and is on her quest to battle her fear of the water by taking swim lessons.

- Two other members are also on their quest to lose 100 pounds together so they can safely get their knee surgeries.



SUPPORTING WELLNESS TOGETHER

the YMCA






43
8
30

Member Testimonial

The Cocoa YMCA is not just a gym to me and my 5 kids – It's a family. I renamed it "My Happy Place." They offer so many classes that I believe all can be modified for a beginner or up the level for the more fit bunch. It's pure fun while getting healthy, but most of all taught you are not just a member of a gym - you are family. Daycare is the biggest plus – They treat each and every child as their own.



"I love the Cocoa YMCA - nothing but a pure blessing to my family."

the YMCA

Why the Y?

Across the country, issues such as unemployment, chronic disease, educational disparities, and poverty affect the strength of our communities. But where society falls short, the Y steps in to affect lasting, meaningful change. Every day our impact is felt when an individual makes a healthy choice, when a mentor inspires a child and when neighbors come together for the common good. Everything the Y does is in service of making us – as individuals and a community – better.

By rallying community leaders, uniting neighbors, and establishing trust across cultures, we will provide a safe haven for children built around a culture of respect.

The best part is, you'll become part of the Y family – a non-profit movement established in Central Florida in 1885 and committed to improving lives and strengthening community.

the YMCA

FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

The Power of US

It's amazing what is possible when we work together to help our neighbors. Donors, volunteers, staff, and members drive our Mission forward.

Together, we can transform the community and provide opportunities for all.

- That's The Power of US



The Power of US

The YMCA of Central would like to ask The City of Cocoa for a one-time gift of $350,000 so that we will be able to keep the doors open at the Cocoa YMCA

COCOA
FLORIDA

the YMCA
FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

Thank you & Questions?



EXHIBIT B: Letter from Donna Kettner read into the Record by Mayor Williams

August 9, 2019

To: Mayor Jake Williams
Councilman Alex Goins
Deputy Mayor Brenda Warner
Councilman Don Boisvert
Council Member Lorraine Koss
City Manager John Titkanich
Assistant City Manager Matthew Fuhrer

Greetings all,

My name is Donna Kettner. I own property in the City of Cocoa, 103 Derby Street and 111 Harrison Street in Cocoa Village.
I would have attended this meeting personally, however I am out of town on business. I am sure many of you are sad about my absence. :-)

But on a more serious note,I want to express the amount of stress, deep frustration and exhaustion which has been inflicted upon me due to the flooding. I did come before you with the concern this would happen if you allowed him, Troy Stephan, to build higher than my property. And I was assured everything would be approved by code and my business would not be affected. In all the years I have operated my business here in the village (over 35yrs) this is the first year I have ever had flooding. Thanks to the City approving The Beer Garden.

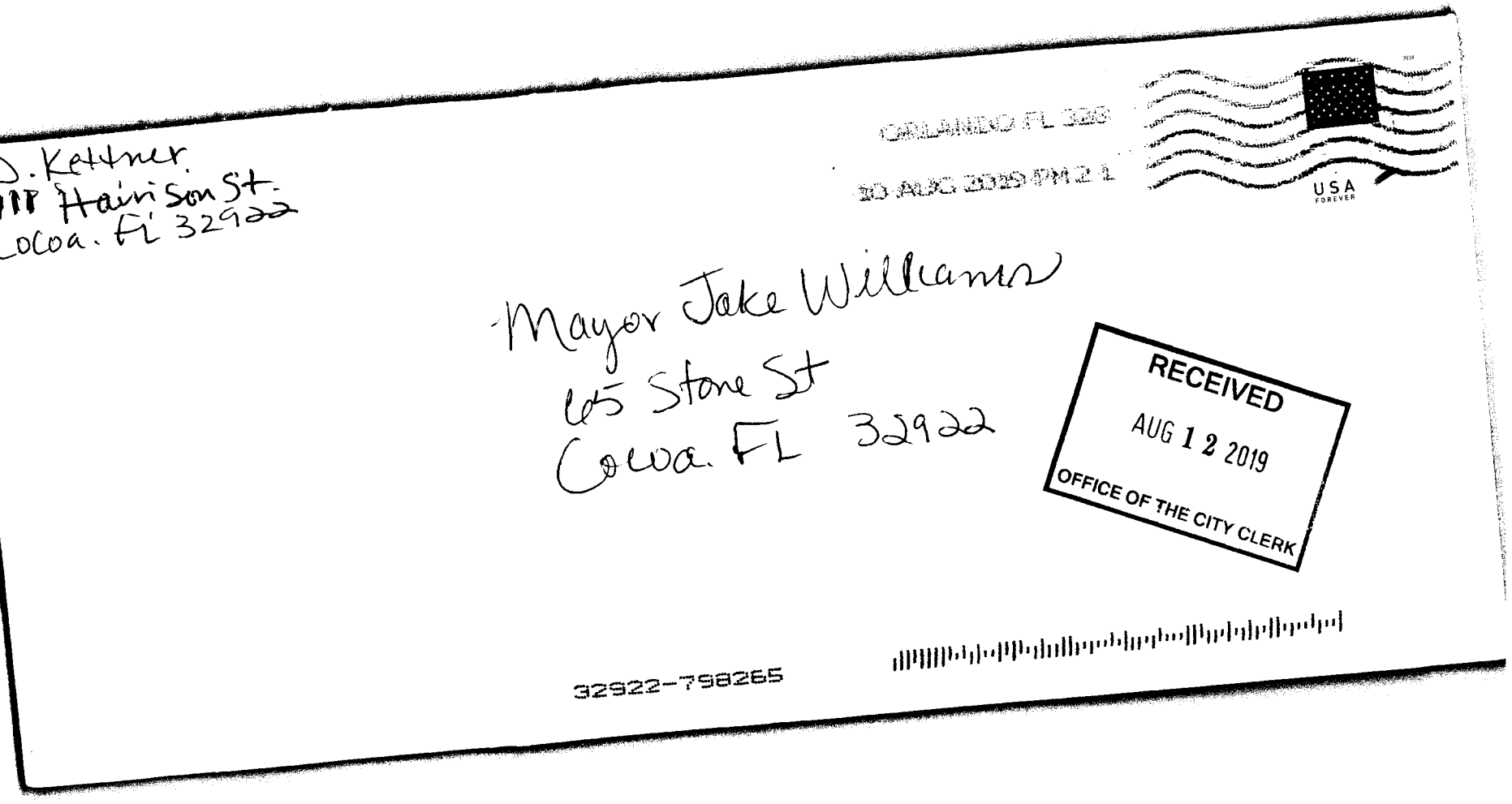
After flooding it takes three people, two days to clean up the mess that occurs after a flood in my store. And while the clean-up goes on, I have to lock the front door, and my business has to be closed while this clean-up goes on. So that is loss of income, paying employees to slop up the store and get things up and running again in a clean environment. Payroll expenses, without being open for a profitable business gets expensive. Also expenses for a water restoration company to bring drying fans in an effort to keep mold from growing.

This can not go on, There has to be a solution to this mess. The rainy season will be here for the summer months. I can not imagine what would happen if a hurricane hits us.

Waiting for your reply.

Kind regards,

Donna Kettner



D. Kettner
[illegible] Harrison St.
Cocoa, FL 32922

ORLANDO FL 328
30 AUG 2019 PM 2 L

USA
FOREVER

Mayor Jake Williams
65 Stone St
Cocoa, FL 32922

RECEIVED
AUG 12 2019
OFFICE OF THE CITY CLERK

32922-798265

Development Agreement
Integra Land Company

August 14, 2019

EXHIBIT C: Development Agreement
Integra Land Company

Project Summary

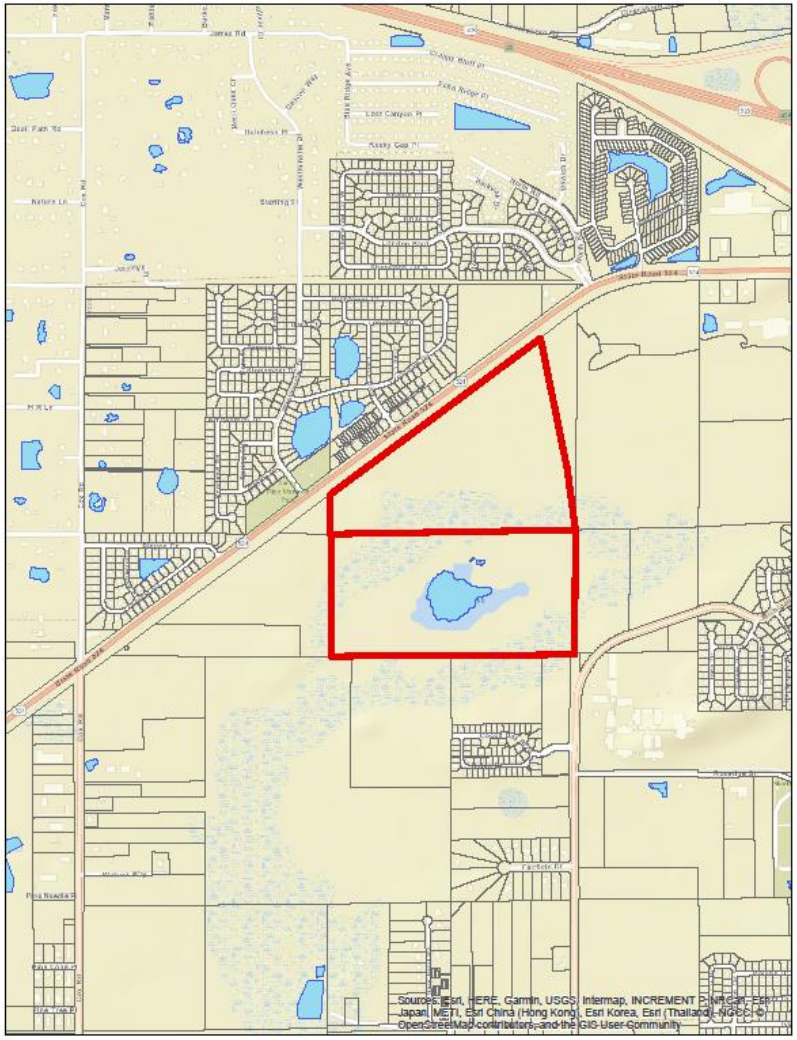
Requested Action: Consideration of a Binding Development Agreement between the City of Cocoa, Florida and Integra Land Company to allow the developer to construct up to 249 apartments in 5 apartment buildings, not to exceed 57 feet in height, with 5 parking garage buildings, a community clubhouse and certain public amenities on 2 parcels of land (Parcel ID: 24-35-13-00-750 and 24-35-24-00-1) totaling 150.35 acres.

Project Summary

Location: Both parcels are on the south side of State Road 524 between Westminster Dr. and London Blvd.

- The developed area of the property will contain roughly 13 acres located along the frontage of SR 524.
- The main project entrance will be across from Lance Blvd.
- The remainder of the property, roughly 137 acres, is a wetland area commonly known as Mud Lake.

Location Map



Project Summary

Future Land Use:	Low Density Residential
	Medium Density Residential
	Neighborhood Commercial
Zoning District:	RU-1-7 (Single-Family Residential
	RU-2-15 (Multi-Family Residential
	C-N (Neighborhood Commercial)
Existing Use:	Vacant Land

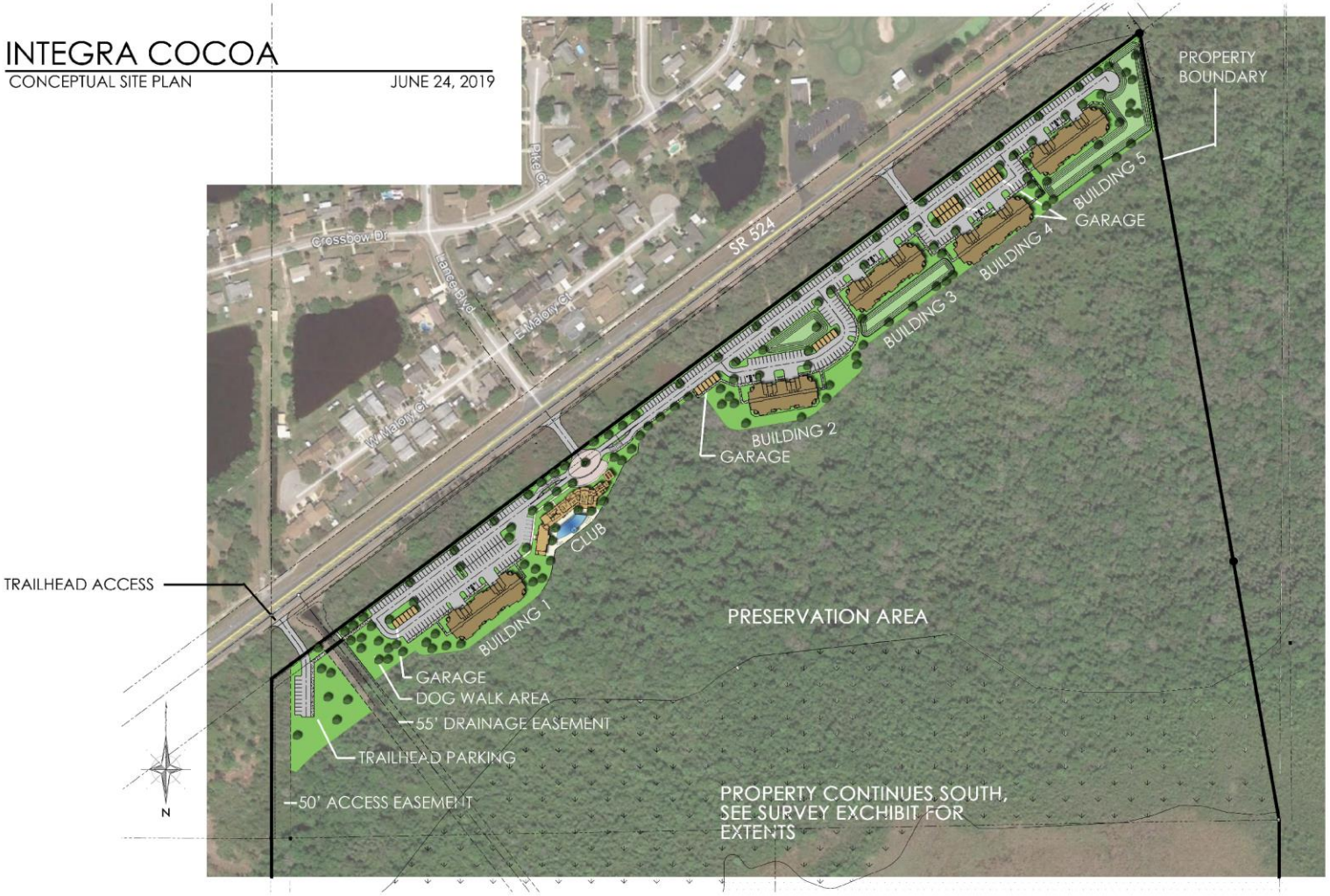
Development History

- The City's Board of Adjustment previously granted a height variance on November 9, 2014, to allow for an increase in height from 35 feet to 45 feet.

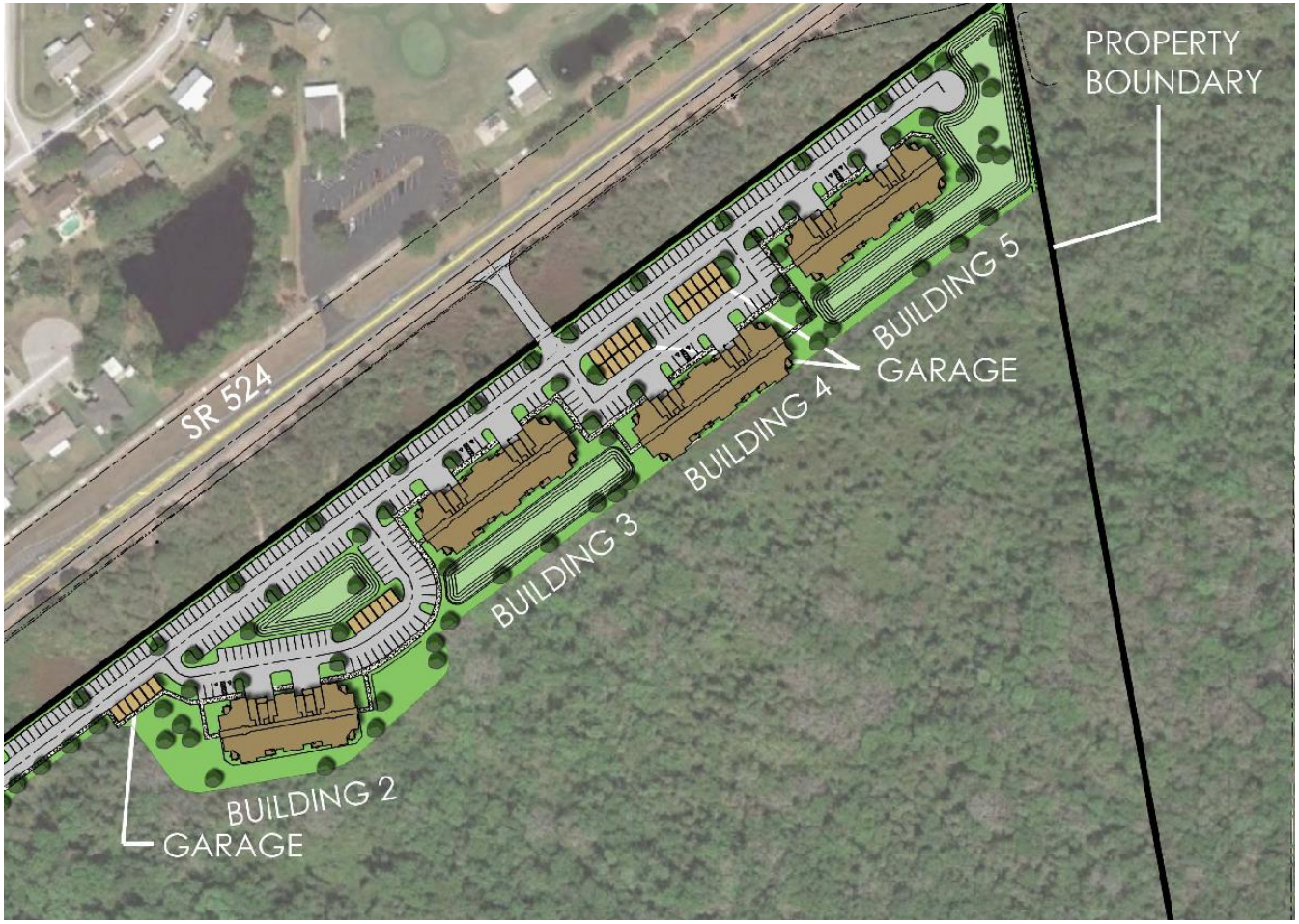
- In addition, the City's Planning and Zoning Board conditionally approved a site plan on April 8, 2015, to allow for the development of a project know as "The Preserve at Cocoa" (formerly the Tree Tops development), which would have consisted of eight (8) apartment buildings with a total of 248 market-rate apartment units.

- Both of these approvals have expired.

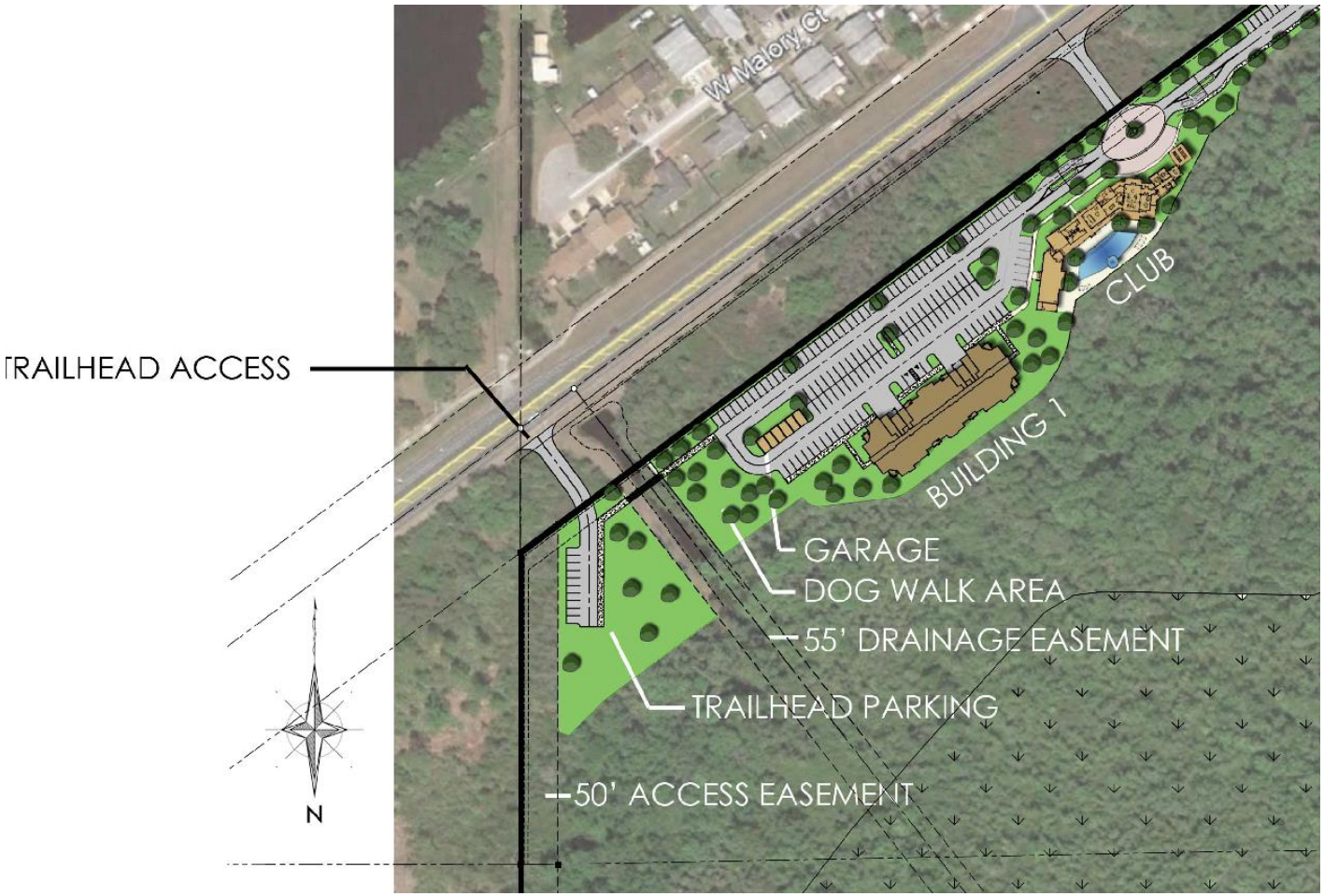
Concept Plan



Concept Plan



Concept Plan



Elevation – Typical Building



TYPICAL BUILDING ELEVATION



VIEW FROM SR 524

INTEGRA COCOA

CONCEPTUAL ELEVATION

JUNE 24, 2019

MBV

INTEGRA

COCOA FLORIDA

Elevation – Clubhouse Building



CONCEPTUAL CLUB ELEVATION



VIEW FROM SR 524

INTEGRA COCOA

CONCEPTUAL ELEVATION

JUNE 24, 2019

MBV

INTEGRA

cbo

COCOA FLORIDA

Elevation – 6 Car Garage



VIEW FROM SR 524

BACK ELEVATION



FRONT ELEVATION



SIDE ELEVATION

INTEGRA COCOA

6 CAR GARAGE BUILDING

ILC INTEGRA LAND COMPANY

cba charlan · brock & associates architects & planners

COCOA FLORIDA

Project Summary

The applicant (Developer) will be required to develop the Project to include certain amenities:

a. The Developer agrees to include a community clubhouse with an exercise/workout room, business center, and “party room” that may be reserved by residents for events; swimming pool; and two (2) Level 3 (30 minute) electric car charging stations;

b. The Developer agrees to incorporate the use of energy efficient lighting systems, insulation and ENERGY STAR rated windows, low-flow water fixtures, modern heat pumps, and energy-efficient HVAC systems;

Project Summary

c. The project shall incorporate enhanced landscaping along SR 524 including tree plantings at 40 foot intervals and mixed-species hedges;

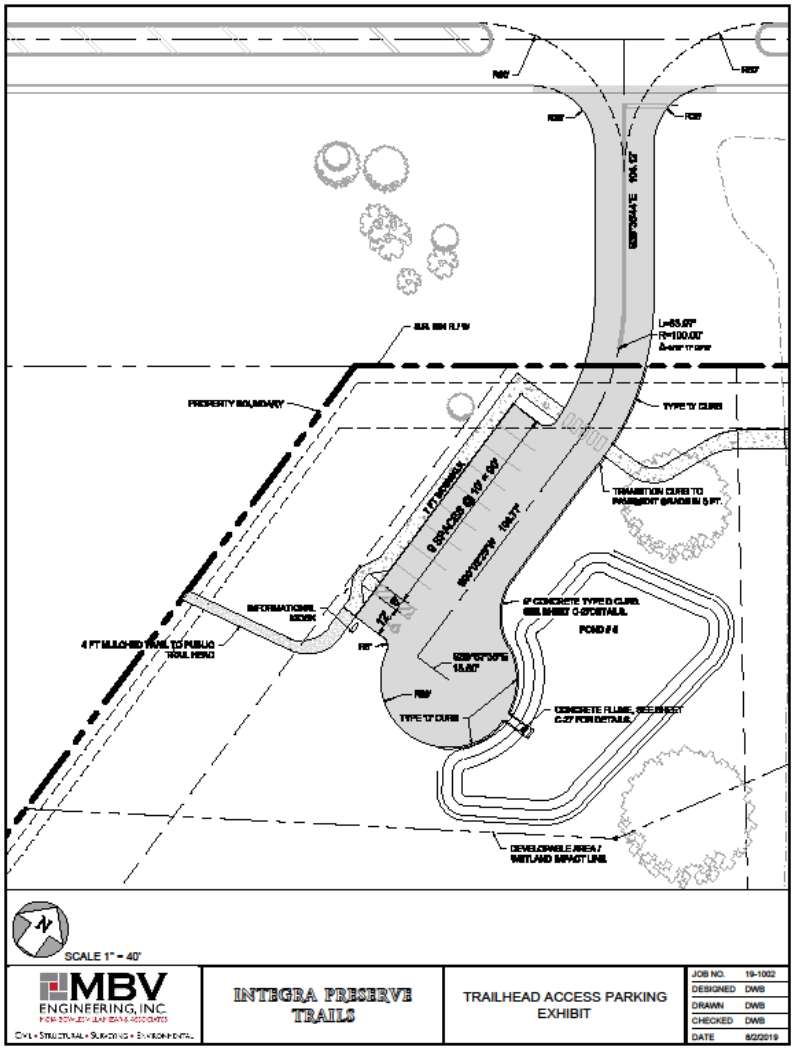
d. The Developer shall provide a public parking area on the western side of the Property as generally depicted in the Concept Plan, consisting of ten (10) parking spaces with a cul-de-sac to allow for fire truck access and turnarounds. The Developer shall further construct a trailhead access stub-out, which shall consist of a four (4) foot walking trail into the Cocoa Conservation Area from the parking area for a distance of 10 feet, with overhanging branches cleared to eight (8) feet high. The Developer shall also install an informational kiosk at the trailhead access point.

Project Summary

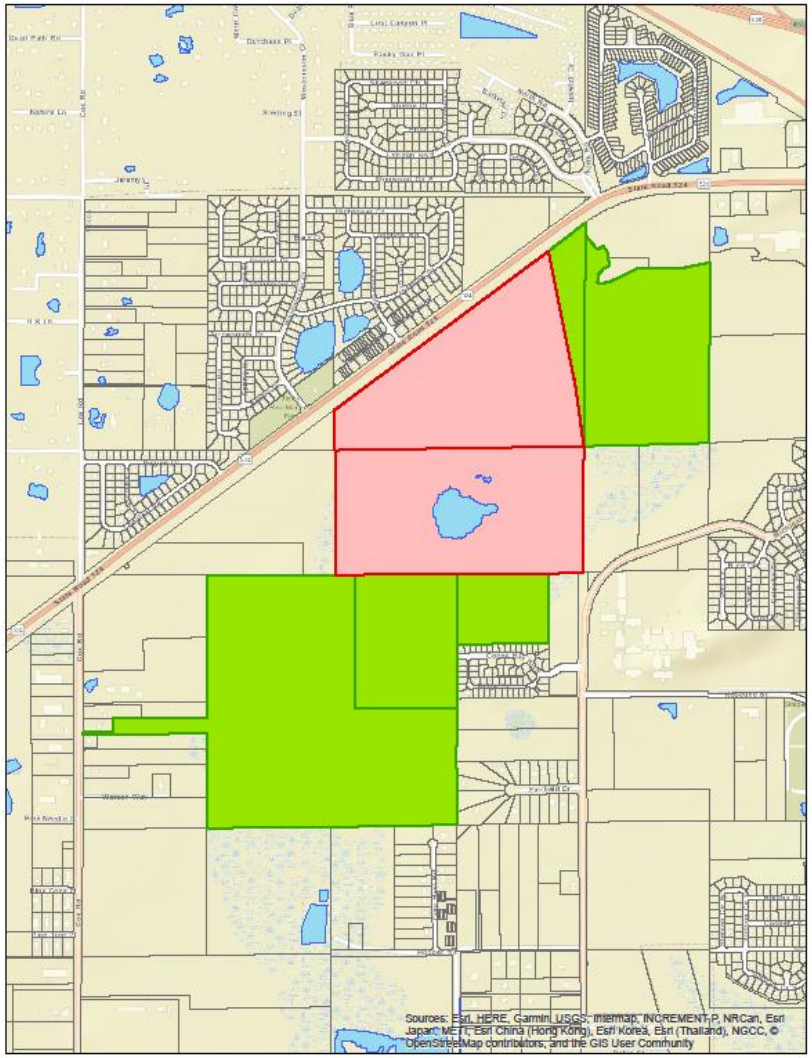
e. The Developer shall provide overhead lighting for the public parking area and a conduit to allow for future installation of an electric car charging station.

f. The Developer will deed approximately 137 acres of wetlands located south of the developed portion of the project, including the area known as Mud Lake, to the City. The deeded portion will also include the area at the western end of the subject property and adjacent to SR524 that will be developed as a trailhead parking area accessible to the public and providing for a future connection to the Cocoa Conservation Area.

Concept Plan



Subject Parcels



COCOA FLORIDA

Project Summary

Variances and Waivers

In accordance with Section 15-21 of the City Code and, in exchange for the significant project enhancements described above, the City Council hereby approves the following variance and waiver from the City Code:

a. Appendix A Zoning, Article XI, Section 5(E) RU-2-15. The maximum building height may be increased from thirty-five (35) feet to fifty-seven (57) feet for apartment buildings. Communal buildings and parking garages shall be no more than thirty-five (35) feet in height.

Project Summary

b. Appendix A Zoning, Article XI, Section 5(K) RU-2-15. The maximum building width may be increased from 200 feet to 233 feet for apartment buildings.

c. Appendix A Zoning, Article XI, Section 5(F) RU-2-15. The minimum living area requirement for one-bedroom apartments shall be decreased from eight hundred (800) square feet to six-hundred thirty-eight (638) square feet for a maximum of 79 one-bedroom apartment units.

Project Summary

Consistency with Comprehensive Plan Policies and Objectives

Objective 3.1.1: 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.

GOAL 3.7: The City shall promote opportunities for the creation of housing and infill development within the City.

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.

Project Summary

Consistency with Comprehensive Plan Policies and Objectives

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 11.1.2.2: 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.

Project Summary

Concurrency Management

Staff has done a preliminary concurrency review of services required by the project. A final concurrency review will be completed during the Site Plan review process.

Next Steps

If approved, the development agreement will be signed and recorded in the Official Records of Brevard County, subject to applicable conditions.

Previous Action

The Planning & Zoning Board recommended approval of this item at its meeting on August 6, 2019.

Recommendation

Staff recommends **approval** of the Binding Development Agreement and attached Concept Plan, subject to the following condition(s) of approval:

1. The Developer shall provide the City with a School Capacity Availability Determination Letter (SCADL), satisfactorily verifying available school capacity for the proposed Project prior to approval of the Project Site Plan.
2. The Developer shall provide the City with a revised Concept Plan depicting the cul-de-sac at the trailhead parking area.

Legislation Details (With Text)

File #:	19-437	**Version:**	1	**Name:**	
Type:	Minutes			**Status:**	Minutes
File created:	9/9/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Approve the Minutes for the Emergency Meeting held on August 30, 2019, as written or with amendments.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Emergency City Council Meeting Minutes.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 9, 2019
Agenda Date: September 25, 2019
Prepared By: Carie Shealy, City Clerk
Through:
Requested Action:
Approve the Minutes for the Emergency Meeting held on August 30, 2019, as written or with amendments.

BACKGROUND:

NA

STRATEGIC PLAN CONNECTION:

NA

BUDGETARY IMPACT:

NA

PREVIOUS ACTION:

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

RECOMMENDED MOTION:

Approve the Minutes for the Emergency Meeting held on August 30, 2019, as written or with amendments.

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MINUTES

CITY OF COCOA
EMERGENCY CITY COUNCIL MEETING

August 30, 2019

An Emergency City Council Meeting was held on Friday, August 30, 2019, in Cocoa City Hall, in City Council Chambers, located at 65 Stone Street, in Cocoa, Florida, 32922, as publicly noticed.

I. CALL TO ORDER:

Mayor Williams called the meeting to order at 12:30 p.m.

Deputy Chief Lamm provided the invocation and Councilmember Goins 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
	Brenda Warner	Deputy Mayor
	Don Boisvert	Councilmember (attended via phone)
	Alex Goins	Councilmember
	Lorraine Koss	Councilmember
	Matt Fuhrer	Assistant City Manager
	John Titkanich, Jr.	City Manager
	Carie Shealy	City Clerk
ABSENT:	Anthony Garganese	City Attorney

STAFF MEMBERS PRESENT:

Tammy Gemmati, Administrative Services Director: Katie Ennis, Deputy Utilities Director; Nancy Bunt, Community Services Director; Gene Prince, Fire Chief; Mike Cantaloupe, Chief of Police: Lora Howell, Deputy Finance Director; Ed Wegerif, Public Works Director; Jonathan Lamm, Deputy Fire Chief; Samantha Senger, Assistant to the City Manager/Public Information Officer; Charlene Neuterman, Deputy Community Services Director; Dennis Bunt, Code Enforcement Manager; Mitch Lawyer, Tech Services Supervisor; and Robert Beach, Chief Technology Officer.

II. APPROVAL OF AGENDA:

*** MOTION by Councilmember Koss; Seconded by Deputy Mayor Warner, to approve the agenda for the Emergency City Council Meeting of August 30, 2019.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

II. CITY BUSINESS:

1. Approval of Resolution No. 2019-081: Declaring a State of Emergency due to Hurricane Dorian.

City Manager Titkanich read the Resolution into the record by title only as follows:

RESOLUTION NO. 2019-081

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA, DECLARING A STATE OF EMERGENCY DUE TO IMPENDING DISASTER CONDITIONS AND THE POTENTIAL OF HURRICANE DORIAN TO CAUSE EXTENSIVE DAMAGE TO LIFE AND PROPERTY WITHIN THE CITY OF COCOA; PROVIDING FOR REPEAL OF PRIOR INCONSISTENT RESOLUTIONS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

He noted that this resolution was consistent with the Florida Statute that gives authority to do such.

He further explained what the resolution entailed and that this would be in effect for seven days.

*** MOTION by Councilmember Goins; Seconded by Deputy Mayor Warner, to approve Resolution No. 2019-081.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

2. Discussion of Hurricane Dorian Preparations

Chief Prince stated that the storm keeps changing. He noted that staff and members of the EOC were waiting to see what would be done and when people would be brought in. Police and Fire will be notified when to come and both Utility and Public Works crews are on standby. All stormwater inlets have been cleaned out and Chief Cantaloupe has provided rakes to all officers so that they can help keep storm drains cleaned out during the storm. All other items such as water tanks, fuel, generators, etc. are all being topped off and will continue to be checked on, and the initial food order has been placed.

He assured Council that they were working closely with the County and State and have two meetings today. The policy group will be meeting at the EOC on Sunday at 6 p.m. and a conference call will be held with Council at that time for a preliminary update.

Decisions will be made once the initial meeting is done and after they have more updated information. They will activate as soon as the winds have passed.

City Manager Titkanich advised that a report was provided to all Council via the Assistant City Manager and this report would be updated periodically. He requested that all comments and questions be funneled through him or the Assistant City Manager so that personnel can handle their other responsibilities.

Councilmember Koss asked about the capacity of Bracco Pond and the Assistant City Manager stated that was being looked into now.

She further asked about the wastewater system and if it has reached capacity during the rainy season. She asked how the system under the park worked.

Mr. Wegerif explained how that system works and noted that it was in the Stormwater Master Plan.

Mayor Williams thanked everyone for the updates and announced that the Governor stated that there should be plenty of gas and water.

City Manager Titkanich added other examples of ways that a person can get water.

Chief Prince encouraged everyone to follow the City's social media pages and website as it updated continuously. Customer Service representatives will also be on site taking phone calls if needed. Phones will be answered twenty-four hours per day while the EOC is operating.

Mayor Williams thanked Ms. Senger for all of the updates on social media, as well as Public Works, Fire, and Police.

Councilmember Koss asked about an update on Ms. Kettner's situation in the Village and Assistant City Manager Fuhrer assured her and Council that they have a solution and he would be verifying things were in place before he leaves for the day.

City Manager Titkanich added that the police department would be providing flyers in Spanish for those in mobile and manufactured homes advising them of safety concerns.

Councilmember Koss asked if the homeless population would be encouraged t seek shelters. Chief Cantaloupe assured Council that they would do the same with them as soon as possible to let them know their options as well.

The County has not announced its shelters yet but will do so as soon as they are staffed and ready.

Discussion was held about Waste Management and picking up of green waste.

Ms. Senger stated they would continue to put out messages for citizens to stop putting out green waste.

Deputy Mayor Warner asked if there was a way for those without social media to get information. In response, Chief Prince advised they can contact the main number of 433-8800. Contact numbers will be added as the EOC is updated.

Mayor Williams thanked Councilmember Goins for sharing the information relating to sandbags and for assisting with the filling of sandbags for residents.

Councilmember Goins asked if they would get more sand at the Railroad location when it runs out. Mr. Wegerif noted it would be early Tuesday morning, but there was not a delivery scheduled for this weekend. He noted they would keep an eye on the pile. He pointed out that there was an alternate pile on Plaza Pkwy.

City Manager Titkanich thanked all of the staff who would be operating at the EOC and thanked departments and employees who have worked hard to keep all of this going and to put plans in motion. There is a potential for this storm to have a big impact on the City.

Mayor Williams asked for clarification as to why the Customer Service department stopped taking cash at 11:30 a.m. In response, Ms. Howell advised that she was not aware that they had stopped at that time but knows that they have to secure and balance out cash before they can leave. Staff found out last minute that we would be closing at Noon so they could not plan otherwise.

Ms. Howell further announced that they would not be shutting anyone off and crews were out now trying to get peoples water on or off if it was requested. They will probably have to estimate beach side and will start reading Merritt Island on Tuesday. They have had to do a total change of workflow. No one was cut off yesterday or today for non-payment.

III. ADJOURNMENT.

*** MOTION by Deputy Mayor Warner; Seconded by Councilmember Goins, to adjourn the Emergency City Council Meeting on August 30, 2019.**

AYES: Williams, Warner, Boisvert, Goins, Koss

THE MOTION CARRIED UNANIMOUSLY (5-0)

The meeting adjourned at 1:01 p.m.

_____

Jake Williams, Jr., Mayor

ATTEST:

_____

Carie Shealy, MMC, City Clerk

65 Stone Street
Cocoa, FL 32922

City of Cocoa

Legislation Details (With Text)

File #:	19-443	**Version:**	1	**Name:**	
Type:	Awards/Presentations			**Status:**	Agenda Ready
File created:	9/13/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Proclamation: "35th Anniversary of the First Domestic Violence Shelter in Brevard County". (Mayor Williams)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	35th Anniversary of the first Domestic Violence Shelter in Brevard Cty.pdf				

Date	Ver.	Action By	Action	Result

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CITY OF COCOA FLORIDA

PROCLAMATION

WHEREAS, *the Salvation Army Brevard County Domestic Violence Program is a certified domestic violence center whose mission is to provide a safe and empowering environment for survivors of domestic violence to escape abuse and to educate the community about the problem; and*

WHEREAS, *the Salvation Army Domestic Violence Program serves survivors through free, confidential services such as Domestic Violence Shelter, 24-hour hotline, counseling, advocacy, referrals, and safety planning; and*

WHEREAS, *the organization provided counseling and advocacy services to 545 domestic violence survivors and 278 adults and children were provided safe shelter last year; and*

WHEREAS, *the organization strives to spread awareness through education and training services and a primary prevention initiative that teaches healthy relationships education in elementary schools and engages teens in the topic of dating violence and;*

WHEREAS, *the Salvation Army Domestic Violence Program collaborates with numerous agencies to deliver innovative services and improve system responses to domestic violence to improve victim safe and increase abuser accountability; and*

NOW, THEREFORE, *I, Mayor Jake Williams Jr., on behalf of the City Council of the City of Cocoa, Florida, do hereby recognize and honor, September 25, 2019 as the celebration of the:*

"35th Anniversary of the first Domestic Violence Shelter in Brevard County"

And thank them for their support of domestic violence survivors and commitment to end domestic violence in our community.

City of Cocoa CORPORATE SEAL FLORIDA

WHEREFORE, *I have hereunto set my hand and caused the seal of the City of Cocoa to be affixed this 25th day of September, 2019.*

Mayor

ATTEST:

City Clerk

Legislation Details (With Text)

File #:	19-360	**Version:** 1	**Name:**		
Type:	Resolution		**Status:**	Consent Agenda	
File created:	7/24/2019		**In control:**	City Council	
On agenda:	9/25/2019		**Final action:**		
Title:	Approve a Budget Resolution amending the Fiscal Year 2019 budget; approve Budget Amendment # 2019-117 which will reverse Budget Amendment #s 2019-101, 2019-102 and 2019-0197 as they pertain to the budget for the Section 108 loan; provide budget for the Section 108 debt proceeds and capital budget for the Dr. Joe Lee Smith Center in Fund 108 and to provide budget in the Section 108 Loan Fund for the 2.23% loan subsidy. (Community Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Budget Resolution-Section108LoanFund-2019.pdf BAF 19-117 -FN-Section 108 Loan pg. 1 of 3 (9-25-19) Agenda 19-360.pdf BAF 19-117 -FN-Section 108 Loan pg. 2 of 3 (9-25-19) Agenda 19-360.pdf BAF 19-117 -FN-Section 108 Loan pg. 3 of 3 (9-25-19) Agenda 19-360.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 5, 2019
Agenda Date: September 25, 2019
Prepared By: Charlene Neuterman, Deputy Community Services Director
Through: Nancy A. Bunt, Community Services Director
Requested Action:
Approve a Budget Resolution amending the Fiscal Year 2019 budget; approve Budget Amendment # 2019-117 which will reverse Budget Amendment #s 2019-101, 2019-102 and 2019-0197 as they pertain to the budget for the Section 108 loan; provide budget for the Section 108 debt proceeds and capital budget for the Dr. Joe Lee Smith Center in Fund 108 and to provide budget in the Section 108 Loan Fund for the 2.23% loan subsidy.

BACKGROUND:

On June 12, 2019, City Council approved a Resolution amending the FY 2019 Budget with the use of General Fund Balance Reserves for the construction of Dr. Joe Lee Smith Community Center in the amount of $1,324,369 through multiple funding sources. These funding sources include the City of Cocoa, Community Development Block Grant (CDBG) Funds and Section 108 Loan Guarantee Funds and Diamond Square Community Redevelopment Agency.

Staff originally placed the Section 108 Loan Guarantee Funds dedicated to the construction of the Dr. Joe Lee Smith Center in the 103 Community Development Block Grant (CDBG) Fund based on

information obtained at that time. Subsequently, staff learned during a conference call with the U.S. Housing and Urban Development (HUD) representatives that the City is required to place the Section 108 Loan Guarantee Funds in a separate account for tracking/auditing purposes.

Staff is requesting approval of a Budget Resolution amending the Fiscal Year 2019 budget; to approve Budget Amendment # 2019-117 which will reverse Budget Amendment #s 2019-101, 2019-102 and 2019-0197 as they pertain to the budget for the Section 108 loan; provide budget for the Section 108 debt proceeds and capital budget for the Dr. Joe Lee Smith Center in Fund 108 and to provide budget in the Section 108 Loan Fund for the 2.23% loan subsidy.

STRATEGIC PLAN CONNECTION:

N/A.

BUDGETARY IMPACT:

Budgeted (FY19) Yes
If not budgeted, is amendment/transfer attached? Yes

Budget Adjustment Form # 19-117

Amount Requested	($894,000)
Account Number	001-0000-389.99-50
Account Name	Fund Balance Reserves

Amount Requested	$(894,000)
Account Number	103-3240-554.62-00
Account Name	Housing & Urban Develop./Buildings

Amount Requested	($894,000)
Account Number	001-1600-581.91-03
Account Name	Transfer to CDBG103 Fund

Amount Requested	$894,000
Account Number	108-3240-554.62-00
Account Name	Capital Projects - Section 108 Building

Amount Requested	($894,000)
Account Number	103-0000-381.91-01
Account Name	Transfer from General Fund

Amount Requested	($894,000)
Account Number	103-0000-384.00-00
Account Name	Debt Proceeds

Amount Requested	($894,000)
Account Number	103-3240-554.62-00

Account Name	Capital Projects - Section 108 Building
Amount Requested	$894,000
Account Number	108-0000-384.00-00
Account Name	Debt Proceeds

PREVIOUS ACTION:

On June 12, 2019, City Council accepted the Section 108 Loan Guarantee Funds and approved a Budget Resolution amending the Fiscal Year 2019 Adopted Budget in the amount of $894,000.

On June 12, 2019, City Council approved a Resolution amending the FY 2019 Budget with the use of General Fund Balance Reserves for the construction of Dr. Joe Lee Smith Community Center in the amount of $1,324,369.

RECOMMENDED MOTION:

Approve a Budget Resolution amending the Fiscal Year 2019 budget; approve Budget Amendment # 2019-117 which will reverse Budget Amendment #s 2019-101, 2019-102 and 2019-0197 as they pertain to the budget for the Section 108 loan; provide budget for the Section 108 debt proceeds and capital budget for the Dr. Joe Lee Smith Center in Fund 108 and to provide budget in the Section 108 Loan Fund for the 2.23% loan subsidy.

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RESOLUTION NO. 2019-086

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COCOA, FLORIDA, AMENDING THE CITY OF COCOA BUDGET FOR FISCAL YEAR 2019; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT RESOLUTIONS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council of the City of Cocoa adopted the final budget for the fiscal year commencing on October 1, 2018, and ending on September 30, 2019, at a Special meeting held on September 13, 2018; and

WHEREAS, in accordance with Article XII, Section 5 of the City of Cocoa Charter, whereby the Council may, at any time by resolution, transfer any unused and unencumbered appropriation or portion thereof from one office or department to another; and

WHEREAS, the City Council deems it to be in the best interest of the City of Cocoa to amend its budget as provided in this resolution.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COCOA, as follows:

SECTION 1. The 2018-2019 fiscal year budget shall be amended as detailed in the attached sheets.

SECTION 2. All prior resolutions or prior resolutions inconsistent with this resolution are hereby repealed to the extent of the conflict.

SECTION 3. This resolution shall become effective immediately upon its 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 25th day of September, 2019.

_____
Jake Williams, Jr., Mayor

ATTEST:

_____
Carie Shealy, MMC, City Clerk

Embedded Secure Document

The file *https://cocoa.legistar.com/View.ashx?M=F&ID=7726994&GUID=4A9F7BBC-240C-4AAD-91D6-AA61F69EF32E* is a secure document that has been embedded in this document. Double click the pushpin to view.



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Legislation Details (With Text)

File #:	19-430	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Consent Agenda
File created:	9/5/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Award Bid # B-20-01-COC, Water & Wastewater Treatment Chemicals, to Tanner Industries, Inc., Southampton, Pennsylvania, for Anhydrous Ammonia; Pending Budget Approval, To Request Additional Funds not to Exceed the Total Budgeted Amount of $4,118,435 for Dyal Water Treatment Plant Chemicals for Fiscal Year 2020. (Utiliites Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Final Memo.pdf Bid Tab Sheet.pdf Exhibit A.pdf FY2020Chemicals.pdf B-20-01-COC Notice of Award Anhydrous Ammonia_9.19.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 10, 2019
Agenda Date: September 25, 2019
Prepared By: David Fisher, Plant Superintendent
Through: John A. Walsh, P.E., Utilities Director
Requested Action:
To Award Bid # B-20-01-COC, Water & Wastewater Treatment Chemicals, to Tanner Industries, Inc., Southampton, Pennsylvania, for Anhydrous Ammonia; Pending Budget Approval, To Request Additional Funds not to Exceed the Total Budgeted Amount of $4,118,435 for Dyal Water Treatment Plant Chemicals for Fiscal Year 2020.

BACKGROUND:

The Dyal Water Treatment Plant utilizes various chemicals during the water treatment process, and the anticipated annual quantities are calculated during the budgeting process. In preparation for the various Fiscal Year 2020 chemical needs, Bid #B-20-01-COC was prepared by Dyal WTP staff. On August 1, 2019, Purchasing sent out 281 invitations and notifications to bid and received 11 responses from 17 plan holders.

Agenda item 19-379 (Council date 9/11/19) was created to request approval of the bid; however, the approval of the incumbent anhydrous ammonia supplier (Tanner Industries, Inc.) was omitted. This omission was due to a question that was raised regarding the rental fee of the low bidder (Airgas

Specialty Products). The low bidder tank rental fee was not going to be disclosed until after the bid was awarded and would have required the large ammonia tanks to be converted to Airgas tanks. After conferring with the City attorney, the unknown tank rental costs combined with the cumbersome tank change-out process it was determined to be cost prohibitive given the $2,700 difference between bids. In the best interest of the City, a determination was made to remain with the incumbent supplier.

In addition, the total chemical budget requested in the prior agenda item 19-379 (Council date 9/11/19), was for $4,014,931 which is $103,504 short of the total anticipated amount of $4,118,435.

As previously presented in agenda item 19-379 the chemical quantity outlined in this agenda item is an estimate created by staff based on anticipated water demands. Since the water demands will fluctuate and the actual use of chemicals will vary, the amount listed in this agenda item will also vary. Staff is requesting to authorize the City Manager to approve change orders to the Fiscal Year 2020 various chemical provider's purchase orders in an amount not-to-exceed the total Fiscal Year 2020 budget ($4,118,435) for chemicals due to the varying nature of chemical usage. Should additional budget be necessary for the fiscal year, a budget amendment will be brought to City council for approval.

Staff requests City Council approval of Bid #B-20-01-COC, to Tanner Industries, Inc., Southampton, Pennsylvania, for Anhydrous Ammonia for the Dyal Water Treatment Plant for FY2020. Pending budget approval, staff also requests additional funds up to the total chemical budget amount requested for FY20 ($4,118,435).

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	N/A
Amount Requested	$103,504
Account Number	421-4020-536.52-09
Account Name	Chemicals
Source of Funds:	Operating Account

PREVIOUS ACTION:

On September 13, 2016, City Council approved Bid # B-16-19-COC to Tanner Industries, Inc., Southampton, Pennsylvania for the purchase of Anhydrous Ammonia.

On September 25, 2018, City Council approved the second amendment to purchase agreement for

Bid # B-16-19-COC to Tanner Industries, Inc., Southampton, Pennsylvania for the purchase of Anhydrous Ammonia.

RECOMMENDED MOTION:

To Award Bid # B-20-01-COC, Water & Wastewater Treatment Chemicals, to Tanner Industries, Inc., Southampton, Pennsylvania, for Anhydrous Ammonia; Pending Budget Approval, To Request Additional Funds not to Exceed the Total Budgeted Amount of $4,118,435 for Dyal Water Treatment Plant Chemicals for FY20

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Finance Department
Purchasing Division
65 Stone Street I Cocoa, FL 32922
Phone: (321) 433-8833 Fax: (321) 433-8860

To: David Fisher, Dyal Water Treatment Plant Superintendent

From: Rebecca Bowman, Finance Director RB

Date: 08/02/19

Re: **Bid #B-20-01-COC, Water & Wastewater Treatment Chemicals**

Bids for the subject offering were opened on August 1, 2019 at 3:00 p.m. Purchasing sent out two hundred eighty-one (281) invitations and notifications to bid and received four (11) responses from seventeen (17) plan holders.

I have enclosed copies of all bids for your review and recommendation. Any correspondence related to this subject, should be forwarded to my attention for retention in the purchasing files.

After reviewing the enclosed proposals please follow the guide lines shown below to initiate the purchasing process:

- ➔ Review proposals and select recommendation for award.
- ➔ Verify Insurance Requirements can be met.
- ➔ Obtain copies of all necessary licenses.
- ➔ Execute Form of Agreement (Section 500)
- ➔ Prepare agenda item and prepare contract if necessary for Council Approval.
- ➔ Prepare requisition and attach the following items:
  - Copy of Approved City Clerk's Journal and Agenda
  - Bid Tabulation Sheet
  - Form of agreement
  - All specifications for the awarded proposal
  - Copy of General Liability Insurance, with the City of Cocoa named as an additional insured on the policy.

*** Please complete the attached Notice of Award memo and return it to the Purchasing Division.**

CITY OF COCOA

BID TABULATION SHEET

BID OPENING DATE: August 1, 2019

BID NUMBER: B-20-01-COC Water & Wastewater Treatment Chemicals

VENDOR	0019 Bidder's Acknowledgement	00110 Local Vendor Preference	00296 Scrutinized Company Certification	00297 Certificate of Debarment & Suspension	00298 Bidder's Certification	0300 BID FORM						Receipt of 2 Addendums	00311 Exceptions	00480 Non-Collusion Affidavit	00490 Conflict of Interest Statement
						Section	Description	Unit	Qty	Unit Cost	Extension				
Tanner Industries Inc. 735 Davisville Road Southampton, PA 18966	Y	NA	Y	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ 1,480.00	$ 66,600.00	Y	Y	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ -	$ -				
						00310-F	Carbon Dioxide	TON	796	$ -	$ -				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ -	$ -				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				
Harcros Chemicals, Inc. 5132 Trenton Street Tampa, FL 33619	Y	NA	Y	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ -	$ -	Y	N	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ 398.00	$ 52,934.00				
						00310-F	Carbon Dioxide	TON	796	$ -	$ -				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ -	$ -				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				
Hawkins, Inc. 2263 Clark Street Apopka, FL 32703	Y	NA	Y (Incorrect Heading)	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ -	$ -	1 Addendum	N	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$560.00/Wet Ton	$ 74,480.00				
						00310-F	Carbon Dioxide	TON	796	$ -	$ -				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ -	$ -				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				
Matheson Tri-Gas, Inc. 909 Lake Carolyn Pkwy Suite 1300 Irving, TX 75039	Y	NA	Y	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ -	$ -	Y	Y	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ -	$ -				
						00310-F	Carbon Dioxide-**Cocoa** *	TON	796	$ 185.00	$ 147,260.00				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ -	$ -				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				

* Matheson Tri-Gas, Inc. quoted 0031-F Carbon Dioxide prices: $185.00/ton for the City of Cocoa site, $192.00/ton for the Titusville Site and $300.00/ton for the Mims Site

CITY OF COCOA
BID TABULATION SHEET
BID OPENING DATE: August 1, 2019

BID NUMBER: B-20-01-COC Water & Wastewater Treatment Chemicals

VENDOR	0019 Bidder's Acknowledgement	00110 Local Vendor Preference	00296 Scrutinized Company Certification	00297 Certificate of Debarment & Suspension	00298 Bidder's Certification	0300 BID FORM						Receipt of two (2) Addendums	00311 Exceptions	00480 Non-Collusion Affidavit	00490 Conflict of Interest Statement
						Section	Description	Unit	Qty	Unit Cost	Extension				
Odyssey Manyfacturing Co. 1484 Massaro Blvd. Tampa, FL 33619-3006	Y	NA	Y	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ -	$ -	Y	N	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ -	$ -				
						00310-F	Carbon dioxide	TON	796	$ -	$ -				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ 0.537	$ 268,500.00				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				
Kemira Water Solutions 4321 W 6th Street Lawrence, KS 66049	Y	NA	Y	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ -	$ -	Y	Y	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ -	$ -				
						00310-F	Carbon dioxide	TON	796	$ -	$ -				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ -	$ -				
						00310-H	Ferric Sulfate	TON	2260	$ 255.00	$ 576,300.00				
Allied Universal Corporation 3901 NW 115 Avenue Miami, FL 33178	Y	NA	Y	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ -	$ -	Y	N	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ -	$ -				
						00310-F	Carbon dioxide	TON	796	$ -	$ -				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ 0.514	$ 257,000.00				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				
Praxair, Inc. 7000 High Grove Blvd. Burr Ridge, IL 60527	Y	NA	Y (Incorrect Heading)	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ -	$ -	1 Addendum	Y	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ -	$ -				
						00310-F	Carbon dioxide	TON	796	$ 325.00	$ 258,700.00				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ -	$ -				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				
Airgas Specialty Products 2530 Sever Road # 300 Lawrenceville, GA 30043	Y	NA	Y	Y	Y	00310-D	Anhydrous Ammonia	TON	45	$ 1,420.00	$ 63,900.00	Y	Y	Y	Y
						00310-E	Hydrofluosilicic Acid	TON	133	$ -	$ -				
						00310-F	Carbon dioxide	TON	796	$ -	$ -				
						00310-G	Sodium Hypochlorite	GAL	500,000	$ -	$ -				
						00310-H	Ferric Sulfate	TON	2260	$ -	$ -				

CITY OF COCOA

BID TABULATION SHEET

BID OPENING DATE: August 1, 2019

BID NUMBER: B-20-01-COC Water & Wastewater Treatment Chemicals

VENDOR	0019 Bidder's Acknowledgement	00110 Local Vendor Preference	00296 Scrutinized Company Certification	00297 Certificate of Debarment & Suspension	00298 Bidder's Certification	0300 BID FORM						Receipt of Addendums	00311 Exceptions	00480 Non-Collusion Affidavit	00490 Conflict of Interest Statement
						Section	Description	Unit	Qty	Unit Cost	Extension				
Pencco PO Box 600 San Felipe, TX 77473	*** NO BID ***					00310-D	Anhydrous Ammonia	TON	45	*** NO BID ***					
						00310-E	Hydrofluosilicic Acid	TON	133						
						00310-F	Carbon dioxide	TON	796						
						00310-G	Sodium Hypochlorite	GAL	500,000						
						00310-H	Ferric Sulfate	TON	2260						
Univar USA Inc. 8201 S. 212th Kent, WA 98032-1994	*** NO BID ***					00310-D	Anhydrous Ammonia	TON	45	*** NO BID ***					
						00310-E	Hydrofluosilicic Acid	TON	133						
						00310-F	Carbon dioxide	TON	796						
						00310-G	Sodium Hypochlorite	GAL	500,000						
						00310-H	Ferric Sulfate	TON	2260						

EXHIBIT A

FY2020 ANNUAL CHEMICALS - Dyal Water Treatment Plant

BUDGETARY IMPACT W/PROJECT TOTALS

Line	Vendor	PRODUCT	PROJECT #	BID NO.	Estimated QTY /TONS	REQUESTED ACTION	Unit of Measure	Unit Cost	Estimated Project Budget Extended Total	EXPIRES
1	**Allied Universal Corp.**	**Sodium Hypochlorite**	**DYCH01**	**B-20-01-COC**	**306,654**	**Bid Award**	**GAL**	**0.514**	**157,620**	**09/30/20**
2	Carmeuse Lime & Stone	Quick Lime Pebble 3/8" & 3/4"	DYCH02	B-18-08-COC	5,213	2nd Amendment Renewal	Tons	297.540	1,551,090	09/30/20
3	**Harcros Chemicals, Inc.**	**Hydrofluosilicic Acid**	**DYCH03**	**B-20-01-COC**	**160**	**Bid Award**	**Tons**	**398.000**	**63,840**	**09/30/20**
4	**Kemira Water Solutions, Inc.**	**Ferric Sulfate**	**DYCH04**	**B-20-01-COC**	**2,304**	**Bid Award**	**Tons**	**255.000**	**587,420**	**09/30/20**
5	**Tanner Industries, Inc.**	**Anhydrous Ammonia**	**DYCH05**	**B-20-01-COC**	**46**	**Bid Award**	**Tons**	**1,480.000**	**68,000**	**09/30/20**
6	**Matheson Tri-Gas, Inc.**	**Carbon Dioxide**	**DYCH06**	**B-20-01-COC**	**843**	**Bid Award**	**Tons**	**185.000**	**156,028**	**09/30/20**
7	Tropichem Enterprises	Wisprofloc N Starch	DYCH07	B-18-03-COC	35	2nd Amendment Renewal	Tons	5,200.00	182,000	09/30/20
8	Brenntag Mid-South, Inc.	Liquid Chlorine	DYCH08	B-19-02-COC	363	1st Amendment Renewal	Tons	459.000	166,660	09/30/20
9	Genesis Alkalai, LLC	Soda Ash	DYCH09	B-19-02-COC	1,974	1st Amendment Renewal	Tons	373.350	736,998	09/30/20
10	Burnett Lime	CalFlo	DYCH10	Proposal	1,688,214	Proprietary SS Purchase	Liquid Lb.	0.070	118,175	09/30/20
11	Air Products & Chemicals	Liquid Oxygen (LOX)	DYCH11	B-18-19-COC	1,239	2nd Amendment Renewal	LB	88.13	109,200	09/30/20
12	Industrial Chemical	Superfloc 198	DYCH12	Proposal	9	Proprietary SS Purchase	TOTE	4,065.000	35,200	09/30/20
13	Fort Bend Services Inc.	LT27 Polymer 36-Bag/Pallet	DYCH13	Proposal	687	Proprietary SS Purchase	Bag	118.950	81,700	09/30/20
	ANNUAL CHEMICAL BUDGET GRAND TOTAL FOR:					**Dyal Water Treatment Plant - ACCOUNT NUMBER: 421-4020-536-52-09**			**4,014,331**	

FY2020 ANNUAL CHEMICALS - Sellers Water Reclamation Plant

BUDGETARY IMPACT W/PROJECT TOTALS

Line	Vendor	PRODUCT	PROJECT #	BID NO.	Estimated QTY /TONS	REQUESTED ACTION	Unit of Measure	Unit Cost	Estimated Project Budget Extended Total	EXPIRES
1	**Allied Universal Corp.**	**Sodium Hypochlorite**	**DYCH01**	**B-20-01-COC**	**147,860**	**Bid Award**	**GAL**	**0.514**	**76,000**	**09/30/20**
	ANNUAL CHEMICAL BUDGET GRAND TOTAL FOR:					**Sellers Water Reclamation Plant - 421-4120-536-52-09**			**76,000**	

CHEMICALS FY2020

	PO#	VENDOR	CHEMICAL	PRO#	ENCUMBERED	ACTUALS	BALANCE	BID NO.	COUNCIL	ITEM NO.	RENEWAL	COMMENTS
1	73407	ALLIED UNIVERSAL CORP MIAMI	SODIUM HYPOCHLORITE	DYCH01	157,620.00	46,859.45	110,760.55	B-17-04-COC	9/25/2018	18-391	NO RENEWALS	MUST BID- Please write scope and send to Sonja
2	73409	CARMEUSE LIME & STONE	QUICK LIME PEBBLE 3/8" & 3/4"	DYCH02	1,446,095.20	877,065.26	569,029.94	B-18-08-COC	9/25/2018	18-391	1 Renewal Left	Please advise Tammy E. if renewing
3	73410	HARCROS CHEMICALS, INC.	HYDROFLUOSILIC ACID	DYCH03	63,840.00	6,639.36	57,200.64	B-16-19-COC	9/25/2018	18-391	NO RENEWALS	MUST BID- Please write scope and send to Sonja
4	73554	KEMIRA WATER SOLUTIONS INC	FERRIC SULFATE	DYCH04	540,702.00	48,741.84	491,960.16	B-16-19-COC	9/25/2018	18-391	NO RENEWALS	MUST BID- Please write scope and send to Sonja
5	73411	TANNER INDUSTRIES INC	ANHYDROUS AMMONIA	DYCH05	79,920.00	34,589.82	45,330.18	B-16-19-COC	9/25/2018	18-391	NO RENEWALS	MUST BID- Please write scope and send to Sonja
6	73443	AIRGAS USA, LLC	CARBON DIOXIDE	DYCH06	141,888.00	56,289.40	85,598.60	B-16-19-COC	9/25/2018	18-391	NO RENEWALS	MUST BID- Please write scope and send to Sonja
7	73444	TROPICHEM ENTERPRISES	WISPROFLOC N STARCH	DYCH07	141,414.00	108,342.00	33,072.00	B-18-03-COC	9/25/2018	18-391	1 Renewal Left	Please advise Tammy E. if renewing
8	73445	BRENNTAG MID SOUTH INC	LIQUID CHLORINE	DYCH08	207,955.00	75,526.08	132,428.92	B-19-02-COC	9/25/2018	18-391	2 Renewals Left	Please advise Tammy E. if renewing
9	73446	GENESIS ALKALI WYOMING, LP	SODA ASH	DYCH09	609,751.00	400,208.86	209,542.14	B-19-02-COC	9/25/2018	18-391	2 Renewals Left	Please advise Tammy E. if renewing
10	73490	BURNETT LIME COMPANY INC	CALFLO	DYCH10	114,100.00	50,619.80	63,480.20	SOLE SOURCE	9/25/2018	18-391	SOLE SOURCE	Must Provide SS Form to Purchasing Manager
11	73447	AIR PRODUCTS AND CHEMICALS, INC	LOX	DYCH11	94,690.00	20,348.66	74,341.34	B-18-09-COC	9/25/2018	18-391	1 Renewal Left	Please advise Tammy E. if renewing
12	73448	INDUSTRIAL CHEMICALS INC	SUPERFLOC 1986 N	DYCH12	35,200.00	8,049.90	27,150.10	SOLE SOURCE	9/25/2018	18-391	SOLE SOURCE	Must Provide SS Form to Purchasing Manager
13	73494	FORT BEND SERVICES INC	LT27 POLYMER	DYCH13	81,700.00	8,529.84	73,170.16	SOLE SOURCE	9/25/2018	18-391	SOLE SOURCE	Must Provide SS Form to Purchasing Manager
					3,714,875.20	1,741,810.27	1,973,064.93					

Finance Department
PURCHASING DIVISION
65 Stone Street
Cocoa, FL 32922

NOTICE OF AWARD

Department: Utilities	Division: Dyal
Bid / RFP / RFQ #: **B-20-01-COC**	Project # **Water & Wastewater Treatment Chemicals**
Awarded To: Tanner Industries, Inc.	Commodity / Work Description: Anhydrous Ammonia
Address / City / State / Zip: 735 Davisville Road South Hampton, PA 18966	Phone / Fax #'s: 215-322-1238
Purchase / Contract Amount: $68,400	Date of Award / City Council Approval: 9/25/2019

PLEASE COMPLETE THE INFORMATION REQUESTED ABOVE AS SOON AS THE CONTRACTOR HAS ACCEPTED AND THE CITY COUNCIL HAS APPROVED THE AWARD OF THIS OFFERING.

RETURN THIS DOCUMENT TO THE PURCHASING DIVISION WHEN COMPLETE

Thank you for your cooperation.

Legislation Details (With Text)

File #:	19-433	**Version:** 1	**Name:**		
Type:	Contract		**Status:**	Consent Agenda	
File created:	9/9/2019		**In control:**	City Council	
On agenda:	9/25/2019		**Final action:**		
Title:	Approve Amendment #1 to Task Order 2019-26 (Change Order #1 to Purchase Order 74414) with Atlantic Development of Cocoa Inc., Cocoa, Florida, for an Addition in Funds Required for the Repair of a 12" Tapping Valve located at 33rd Street and A1A in Cocoa Beach, Project No. WS11VR. (Utilities Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Atlantic Development Estimate #18389 (003).pdf Atlantic Development Change Order Form.pdf TO 2019-26 Atlantic Development.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 9, 2019
Agenda Date: September 25, 2019
Prepared By: Melinda M. Keesee, Field Operations Technician
Prepared By: Chris M. Collier, Assistant Utilities Director
Through: John A. Walsh, P.E., Utilities Director
Requested Action:
To Approve Amendment #1 to Task Order 2019-26 (Change Order #1 to Purchase Order 74414) with Atlantic Development of Cocoa Inc., Cocoa, Florida, for an Addition in Funds Required for the Repair of a 12" Tapping Valve located at 33rd Street and A1A in Cocoa Beach, Project No. WS11VR

BACKGROUND:

On February 27, 2019, City Council approved Task Order 2019-26 with Atlantic Development of Cocoa Inc., Cocoa, Florida, for the repair of a 12" tapping valve located at 33rd Street and A1A in Cocoa Beach. Per Florida Department of Transportation (FDOT) permit requirements, additional Maintenance of Traffic (MOT) was required which resulted in an increase in construction cost. Due to this unforeseen increase, Atlantic Development submitted a change order for $35,245.65, which is $15,145.65 above the $20,100 contingency amount approved by City Council; therefore, staff is bringing back for City Council approval.

Sufficient funds for this change order are available in Account No. 421-4025-536.46-00, Repairs & Maintenance.

Staff recommends approval of this change order.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	Yes
If not budgeted, is amendment/transfer attached?	N/A
Amount Requested	$35,245.65
Account Number	421-4025-536.46-00, WS11VR
Account Name	Repairs & Maintenance
Source of Funds	Operating Revenue
Change Order Amount	$35,245.65
Original Purchase Order	74414
Original Purchase Order Amount	$201,006.50
Total number of change orders to date	1
Total amount in change orders to date	$35,245.65

PREVIOUS ACTION:

On February 27, 2019, City Council approved Task Order 2019-26 with Atlantic Development of Cocoa Inc., Cocoa, Florida, for the Repair of a 12" Tapping Valve Located at 33rd Street and A1A in Cocoa Beach.

RECOMMENDED MOTION:

To Approve Amendment #1 to Task Order 2019-26 (Change Order #1 to Purchase Order 74414) with Atlantic Development of Cocoa Inc., Cocoa, Florida, for an Addition in Funds Required for the Repair of a 12" Tapping Valve Located at 33rd Street and A1A in Cocoa Beach, Project No. WS11VR.

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FLASH-RITE, INC.

115 Atlantic Drive
Maitland, Fl 32751

Phone #407-834-0408
Fax #866-941-6695

Estimate

Date	Estimate #
8/21/2019	18389

Name / Address	Ship To
ATLANTIC DEVELOPMENT OF COCOA, INC. 2185 W. KING STREET COCOA, FLORIDA 32926	CITY OF COCOA HWY A1A LINE STOP/THROAT

P.O. No.	Terms	Project
GLEN	UPON RECEIPT	

Description	Qty	Rate	Total
REVISION PER COMMENT OF FDOT:			
25 SANDBAGS FILLED - SALES	25	8.00	200.00T
12 PEDESTRIAN LCD X 1 DAY / DAILY RENTAL	12	2.50	30.00T
BLACK TEMPORARY PAVEMENT TAPE - 570 LINEAR FT. SALES	570	4.25	2,422.50T
WHITE TEMPORARY PAVEMENT TAPE - 733 LINEAR FT. SALES	733	4.00	2,932.00T
K WALL - 250 LINEAR FT.	250	35.00	8,750.00T
1 ATTENUATORS	1	3,500.00	3,500.00T
LOW PROFILE WALL - 60 LINEAR FT.	60	49.50	2,970.00T
2 LIFTING DEVICE	2	100.00	200.00T
LOW PROFILE TRUCKING - TO SITE	4	1,000.00	4,000.00T
LOW PROFILE TRUCKING - FROM SITE	4	1,000.00	4,000.00T
7 WHITE REFLECTORS - SALES	7	5.00	35.00T
MAINTENANCE OF TRAFFIC - RIGHT LANE CLOSURE TO SET & UNLOAD BARRIER - PER CLOSURE - PER DAY	2	600.00	1,200.00T
1 WILDLIFE OFFICER X 8 HOURS X 2 DAYS	16	84.50	1,352.00T
DELIVERY CHARGE	3	75.00	225.00T
PICK-UP CHARGE	3	75.00	225.00T
** ATTENUATOR ALLOW 6 WEEK LEAD TIME TO ENSURE AVAILABILITY BARRIER WALL TO BE SUPPLIED BY CUSTOMER IF DAMAGED CHARGES WILL APPLY, PARTS, LABOR @			

ESTIMATE GOOD FOR 30 DAYS. QUANTITIES MAY CHANGE DUE TO SCOPE OF WORK. NTO CHARGES ARE NOT INCLUDED

Subtotal	
Sales Tax (7.0%)	
Total	

Signature

The above prices do not include labor for lane closure or set-up's unless noted. Flash-Rite, Inc. shall not perform, or deemed to perform as at/the "Worksite Traffic Supervisor (FDOT) specifcation 102.3.2 This quotation shall be part of any future contract for work quoted above.

AIA® DOCUMENT G701™

CHANGE ORDER

PROJECT*: A1A & 33rd St Repair*

Improvements

Address: SR A1A & 33rd St.
Cocoa Beach

CHANGE ORDER NUMBER: 1

DATE: **8/22/2019**

ARCHITECT'S PROJECT NO: PO # 74414

OWNER ☐
ARCHITECT ☐
CONTRACTOR ☐
FIELD ☐
OTHER ☐

TO CONTRACTOR :
Atlantic Development of Cocoa Inc.
2185 W. King Street
Cocoa, FL. 32926

CONTRACT DATE: 3/19/2019

CONTRACT FOR: 24" Linestops

THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

ADD	QTY	UNIT	ITEM PRICE	TOTAL PRICE
Additional MOT(per FDOT permit)	1	LS	$35,245.65	$35,245.65

Total Change Order **$35,245.65**

The original Contract Sum was	$201,006.50
The net change by previously authorized Change Orders	$0.00
The Contract Sum prior to this Change Order was	$201,006.50
The Contract Sum will be **increased** by this Change Order in the amount of	$35,245.65
The new Contract Sum including this Change Order will be	**$236,252.15**

The Contract Time will be increased by 0 days.
The Date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner andContractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

	Atlantic Development of Cocoa, Inc
ARCHITECT	CONTRACTOR
	2185 W. King Street
Address	Address
	Cocoa, Fl. 32926

BY *(Signature)*	**BY** *(Signature)*
	Glenn Grignon
(Typed or Printed Name)	*(Typed or Printed Name)*
DATE	**DATE**

OWNER

Address

BY *(Signature)*

(Typed or Printed Name)

DATE

Embedded Secure Document

The file *https://cocoa.legistar.com/View.ashx?M=F&ID=7726987&GUID=CA35716E-8289-4F0B-8D14-E167752EFB83* is a secure document that has been embedded in this document. Double click the pushpin to view.



Legislation Details (With Text)

File #:	19-444	**Version:**	1	**Name:**	
Type:	Report			**Status:**	Consent Agenda
File created:	9/13/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Approve the purchase of an Elgin Broom Bear Mechanical Sweeper from Environmental Products of Florida utilizing Florida Sheriffs Association contact # FSA18-VEH16 and authorize a purchase order in the amount of $270,032.00, pending the Adoption of the Fiscal Year 2020 Budget.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Elgin Broom Bear Proposal - Cocoa 07152019.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 13, 2019
Agenda Date: September 25, 2019
Prepared By: Michael Giorgio, Streets and Stormwater Division Manager
Through: Everett Wegerif P.E. Public Works Director/City Engineer
Requested Action:
Approve the purchase of an Elgin Broom Bear Mechanical Sweeper from Environmental Products of Florida utilizing Florida Sheriffs Association contact # FSA18-VEH16 and authorize a purchase order in the amount of $270,032.00, pending the Adoption of the Fiscal Year 2020 Budget.

BACKGROUND:

Historically, the Public Works Department has had two street sweepers to assist in maintaining the streets and stormwater system in the City. In Fiscal Year 2019, the mechanical sweeper (2008) became non-operational due to necessary repairs. The repairs required to make it operational are in excess of $15,000.
On August 28, 2019, City Council approved the 10-Year Stormwater Work Plan that includes the purchase of a mechanical street sweeper (Equipment #131, $338,592)in the first year of the Work Plan.
The mechanical sweeper will complement the second operational regenerative air sweeper, which has limiting capabilities for removal of larger debris, but necessary to vacuum smaller particles from streets and specialized surfaces. For example, the mechanical sweeper can pick up larger objects like palm fronds and the air sweeper can collect debris from areas such as the pervious pavers. An Elgin Broom Bear mechanical street sweeper that is currently available from Environmental Products Group, Inc. can be built to match the Department's Specifications. The vendor, Environmental Products Group, Inc., is honoring the current contract pricing they have with Florida Sheriffs Association for a total of $270,032.00. This will save the City of Cocoa a total of $9,181.00 and a

savings within the Work Plan of $68,560.

STRATEGIC PLAN CONNECTION:

Sweeping streets on a regular basis prevents debris from entering the stormwater system and potentially entering the Indian River Lagoon and keeps the City streets from debris that could damage pedestrians and vehicles.

BUDGETARY IMPACT:

Budgeted Yes Choose an item.

Amount Requested	$270,032.00
Account Number	423-3570-538-64.00
Account Name	Machinery and Equipment

PREVIOUS ACTION:

Council recently approve the 10-year Stormwater Work Plan that included the purchase of a sweeper in year 1 of the work plan

RECOMMENDED MOTION:

Approve the purchase of an Elgin Broom Bear Mechanical Sweeper from Environmental Products of Florida utilizing Florida Sheriffs Association contact # FSA18-VEH16 and authorize a purchase order in the amount of $270,032.00, pending the Adoption of the FY2020 Budget.

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ENVIRONMENTAL PRODUCTS
FLORIDA

Elgin Broom Bear Proposal

Prepared for: City of Cocoa

ELGIN
Subsidiary of Federal Signal Corporation



Elgin Broom Bear Street Sweeper

Broom Bear Single Engine Street Sweeper with Dual Side Brooms

Nick Causey | (904) 537-8799 | NCausey@myEPG.com

ENVIRONMENTAL PRODUCTS
FLORIDA

Tony Jones
Michael Giorgio
155 N. Wilson Avenue
Cocoa, FL 32922
JULY 15th, 2019

Elgin Street Sweeper

Environmental Products would like to thank you for the opportunity to present the **Elgin Broom Bear Street Sweeper**.

Environmental Products Group is the sole provider of Elgin Street Sweeping Equipment in the state of Florida, as well as many other leading industry product lines including: Vactor Sewer Cleaning Equipment, Envirosight Pipeline Inspection Cameras, PB Asphalt Pothole Patchers, Madvac Sweepers and Vacuums, Duratech Tree Chippers, and a host of parts, tools and accessories for all your needs.

Environmental Products Group prides itself on our local parts, service, and training capabilities. With multiple full-service locations throughout Florida, Georgia, and Memphis, Tennessee; including Vactor, Elgin, and Envirosight repair centers, extensive parts inventory, factory-trained technicians, mobile parts and service, rentals, turnkey maintenance packages, leasing options, and much more… we are ready to service your every need.

Thank you for your consideration.

Thank You,

Nick Causey | East Coast Regional Sales
Environmental Products Group, Inc.
c: 904.537.8799 | **o:** 407.798.0004 | www.myEPG.com

APOPKA
2525 Clarcona Rd.
Apopka, Fl 32703
P: 407.798.0004
F: 407.798.0013

Product Description

- Conveyor belt, variable height, right side dumping, 4.5 cubic yard hopper, with dual, hydraulically driven, trailing arm side brooms, sweeper is powder coated from powder coatings chart 2003/N with powder coated gray undercarriage.

Standard Features

- Broom side, 46" steel vertical digger 4 or 5 segment
- Broom side, air floating suspension with adjustable reach, air deploy
- Broom, main, 34" diameter, 60" wide prefab disposable
- Broom Measurement Ruler
- Camera, Rear with in-cab monitor
- Conveyor chain, hardened with polyurethane sprockets
- Conveyor, belt type with 13 molded-in full width cleats
- Conveyor, lift independent from main broom
- Conveyor, three-piece replaceable wear plates
- Conveyor flush out system
- Conveyor raise in reverse
- Conveyor stall alarm
- Dirt shoes, heavy duty single row carbide steel (rubber isolated)
- Electric backup alarm
- Hopper inspection door
- Hopper, 4.5 cu yd with window and skylight
- Hopper up indicator and beep
- Hopper, variable high dump; 9' 6", 4.5 yard
- Hose, hydrant fill, 16' 8" with coupling
- Hydraulic oil level gauge w/ external thermometer and in-cab level light
- Hydraulic system, load sensing with selectable transmission driven PTO pump
- Lights, automatic backup
- Lights, combination tail/stop, separate amber signal
- Lights, flood light, one per broom (3)
- Manuals, operator and parts
- Rear broom cover and anti-carryover wrap
- Rear broom spray bar
- Rear right hand flood light
- Reflectors, set of 6
- Sidebroom speed control, external to cab
- Sweep resume/raise in reverse
- Tactile controls for all sweep functions
- Tool storage
- Water fill, anti-siphon
- Water level indicator in-cab

- Water Pump, electric diaphragm
- Water tank, molded polyethylene, 360 gallon total nominal capacity
- 1 Year Parts and Labor Warranty
- Sweeper Painted Standard White
- Red Logo
- Local Training & Delivery

Additional Features

- Automatic Lubrication System
- LED Arrowstick
- Front Spray Bar
- Four (4) LED Worklights
- Side Broom Gutter Tilt – LH & RH Side Broom
- Carbide Dirt Shoes
- Hydraulic Low Level/High Temperature Shutdown
- Service Manual
- Air Cleaner Restriction Gauge in Cab
- High Speed Conveyor Motor
- 25’ Water Fill Hose
- 2.5 lb. Fire Extinguisher
- Triangle Reflective Flares (3)
- Single Rear Hopper LED Beacon w/ Guard
- Conveyor Only Rotate
- Fender Mounted Mirror – Left Hand
- Hopper Load Indicator
- Extended Reach Side Broom
- New State Tag

Chassis Summary

- 2020 Freightliner M2 106
- 33,000 GVWR
- Cummins L9 260 HP @ 2200 RPM
- Allison 3500 RDS Automatic Transmission
- Maxion Wheels
- Dual West Coast Bright Finish Mirrors with LH and RH Remote
- High Back Air Suspension Driver and Passenger Seats
- AM/FM/WB Radio with CD Player, Bluetooth, iPod Interface, USB and Auxiliary Inputs
- LED Stop/Turn/Tail Lights
- Daytime Running Lights

Total FSA Contract Price: $270,03200

Training- Mechanical and Operational Training will be provided onsite at no additional cost at your location.

Please don't hesitate to call with questions, or if you need any additional information. Thank you for your interest and the opportunity to earn your business.

Thank You,

Nick Causey| East Coast Regional Sales
Environmental Products of Florida
O: 407.798.0004| C: 904.537.8799| www.myEPG.com

Environmental Products was awarded the Florida Sheriff's Contract. Vactor Sewer Cleaners, Elgin Street Sweepers, Pacific Tek, and Duratech equipment are available under this contract.

	Florida Sheriff's Contract # FSA18-VEH16	
7/15/19	**FSA BROOM BEAR PRICING SPEC # 55**	
Part #	**Description**	**Price**
Base Price	New Elgin Eagle	$288,049.00
1124567	Conventional Chassis in lieu of Cabover Chassis	-$22,297.00
1113136	Single Engine Broom Bear	-$15,555.00
1101560	Automatic Lubrication System (Chassis & Body)	$7,292.00
1116575	Rubber Mounted Carbide Dirt/Drag Shoes	$839.00
1125927	LED Arrowstick	$1,767.00
1104705	Hopper Load Indicator	$802.00
1110919	Gutter Broom Tilt Adjuster in-cab RH & LH	$0.00
1101380	Hydraulic Oil Temperature Shutdown	$181.00
1102798	Hydraulic Oil Level Shutdown	$181.00
0702462	Eagle Service Manual	$96.00
1102735	LED Stop/Tail/Rear/Turn	$353.00
1075400	AM/FM/CD/Radio System	$924.00
1117611	Full Wideth Front Spray Bar	$1,055.00
1119940	In Cab Air Filter Restriction Indicator	$787.00
1118107	High Speed Conveyor Motor	$474.00
1032484	25' Water Fill Hose	$202.00
1120361	Extended Reach Side Broom	$1,393.00
Strobe	Amber LED Strobe Light (Rear Location)	$1,000.00
1101567	2.5 lb. Fire Extinguisher	$227.00
1114837	4 LED Worklights (Floods)	$828.00
NTAG	New State Tag	$150.00
	Unpublished Options Included	
2208673	Individual Switches for Mainbroom and Conveyor Control	$570.00
9306848	Triangle Reflective Flares	$89.00
1080756	Left Hand Fender Mounted Mirrors	$625.00
	TOTAL FSA PRICE	**$270,032.00**

Legislation Details (With Text)

File #:	19-415	**Version:**	1	**Name:**	
Type:	Ordinance			**Status:**	Public Hearing
File created:	8/20/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Pass on First 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:	Exhibit A - Resilient Cocoa 6-14-19.pdf Exhibit B - EAR Elements (strike-thru copy).pdf Exhibit C - EAR Amendment Map Series.pdf EAR Elements (clean copy).pdf CIP FY2018-2022.pdf Legal Ad Proof - Comp Plan EAR Amendments.pdf Ord. 13-2019 - EAR Amendments.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 5, 2019
Agenda Date: September 25, 2019
Prepared By: Dodie Selig, Planning & Zoning Manager
Through: Nancy A. Bunt, Community Services Director
Requested Action:
Pass on First 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, 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 (Exhibit A) 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.

II. Comprehensive Plan Amendment Analysis

The City has been working 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 B) indicating all the changes made to the Plan, a series of new maps (Exhibit C) to be adopted as part of this amendment and the Resilient Cocoa document. 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.

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".

- Added a policy that the City "shall administer land development regulations that promote a "natural runoff" or "net-zero discharge" for all site plans in the 100-year floodplain".

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.

- 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.

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 water dependent uses 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”.

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 23, 2019.

RECOMMENDED MOTION:

Pass on First 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.

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

East Central Florida Regional Planning Council

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Samia Singleton - Economic Development Specialist

REMI

Fred Treyz - President and CEO

Jeff Dykes - Economic/R&D Associate

Billy Leung - Senior Vice President

Chris Judson - Managing Economic Associate

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.

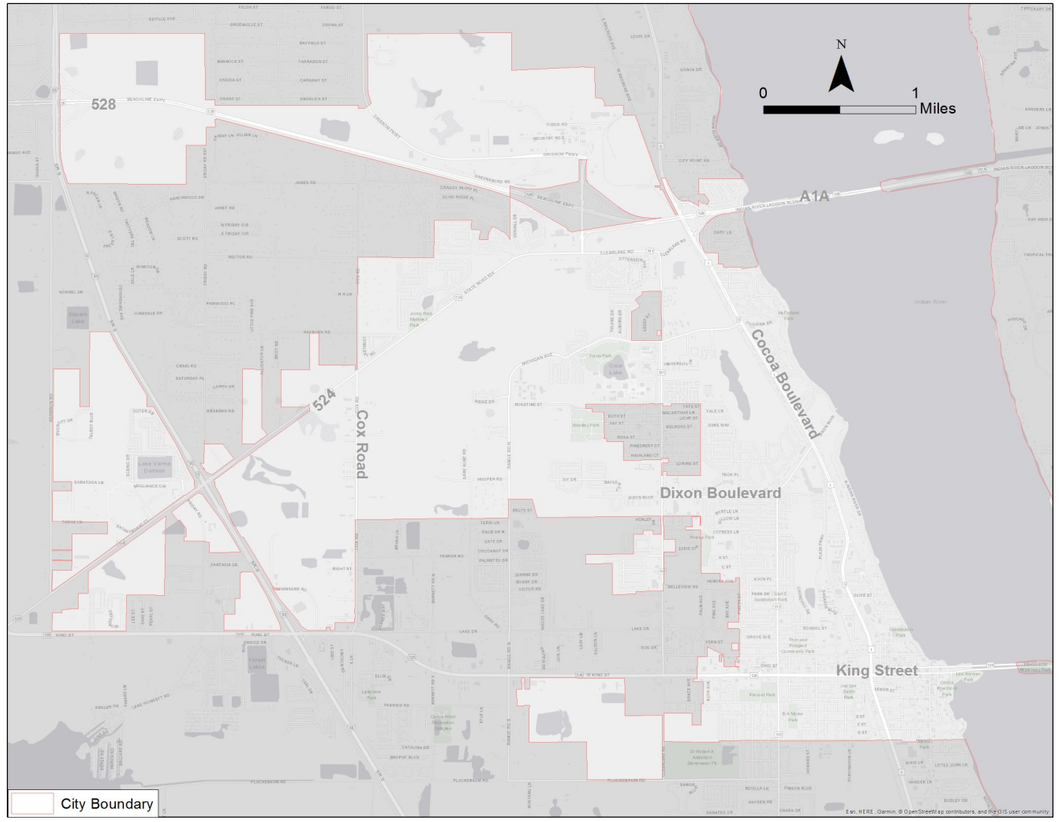
Economic Impact Analysis:
The ECFRPC used the REMI model to estimated the economic impact of resiliency mitigation efforts. Staff developed two different simulations: a "do-nothing" scenario and another where the City implemented a "green infrastructure" resiliency program.

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.





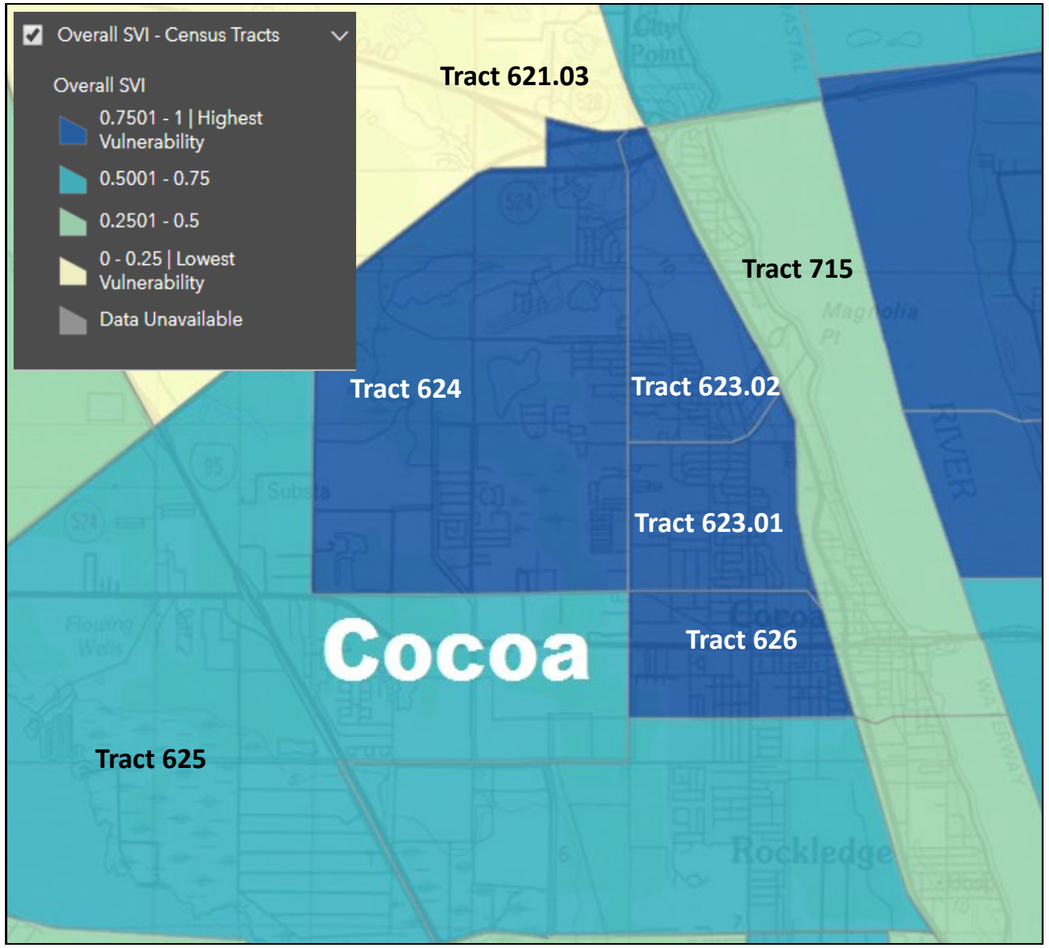


City Demographics and Vulnerable Populations

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

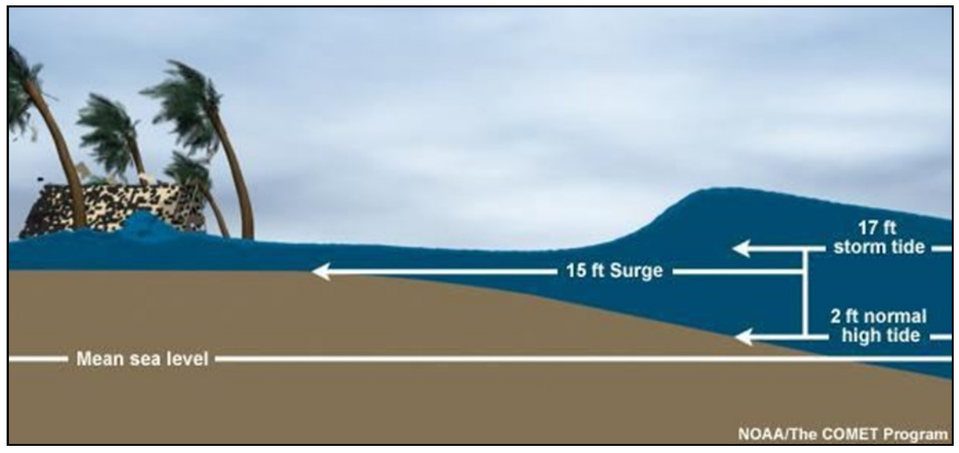
The vulnerabilities assessed in this analysis are: shallow coastal flooding, storm surge, sea level rise, the combination of storm surge and sea level rise, and FEMA flood areas. Modeling by the Tampa Bay Regional Planning Council also assessed storm surge combined with the effects of sea level rise.

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.



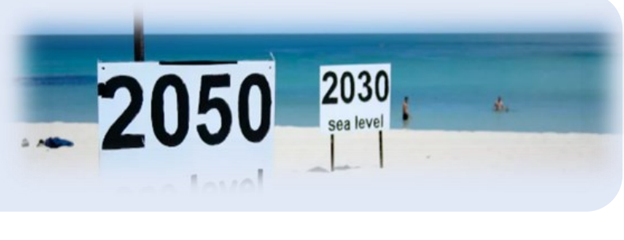
Storm Surge

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.



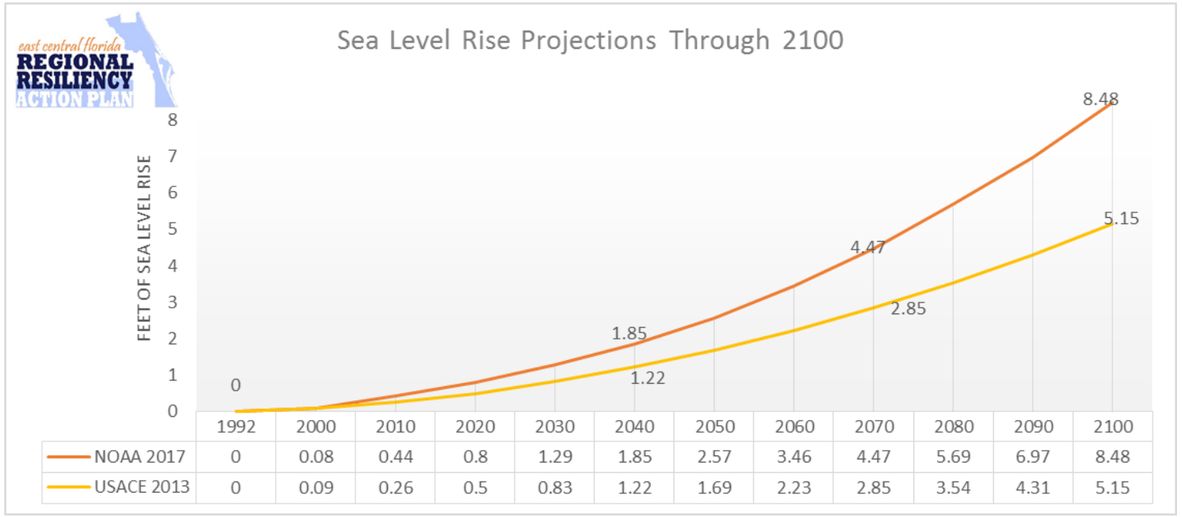
100-Year Flood

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.

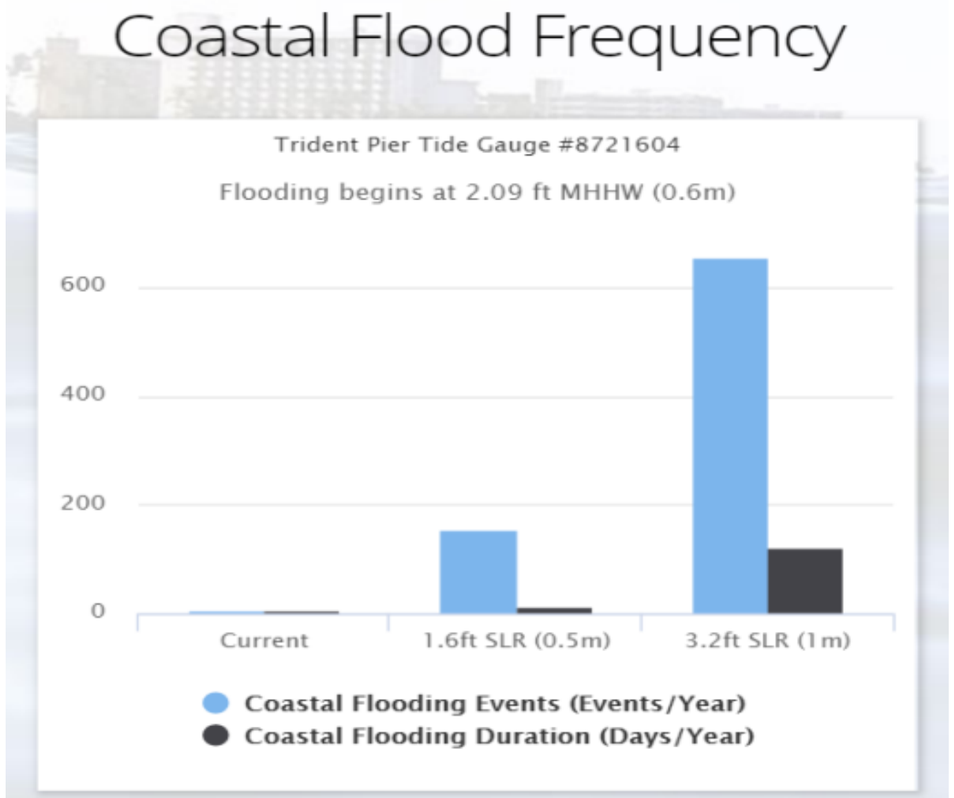


Storm Surge and Sea Level Rise

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

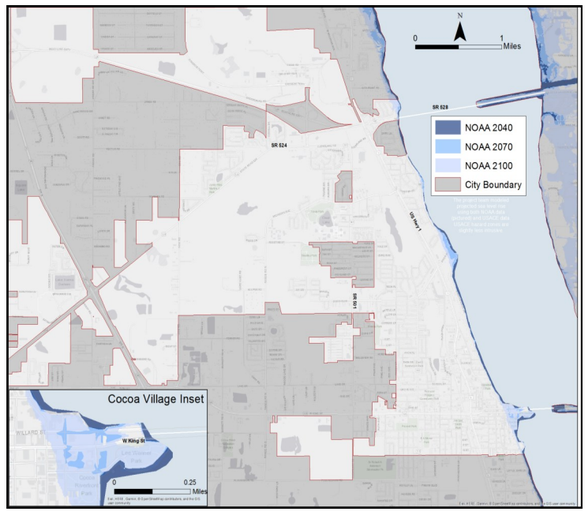
The FEMA Digital Flood Insurance Rate Maps (DFRIM) from 2014 were used to identify assets located in the 100- and 500-year flood zones. DFIRMS data indicates flood risk information derived from Flood Insurance Studies (FISs). According to FEMA, flood risk can change over time based on development patterns 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.



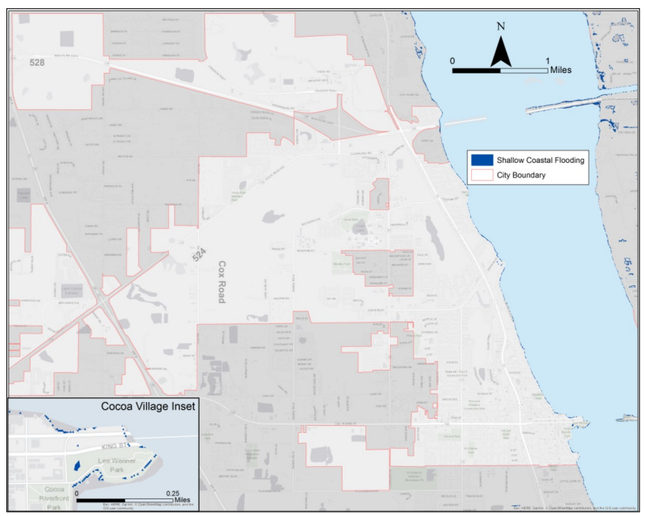
Major Findings

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.

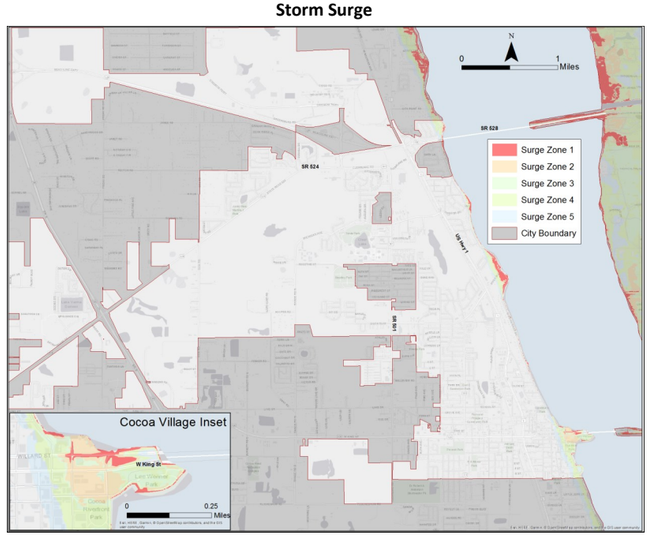
NOAA Sea Level Rise



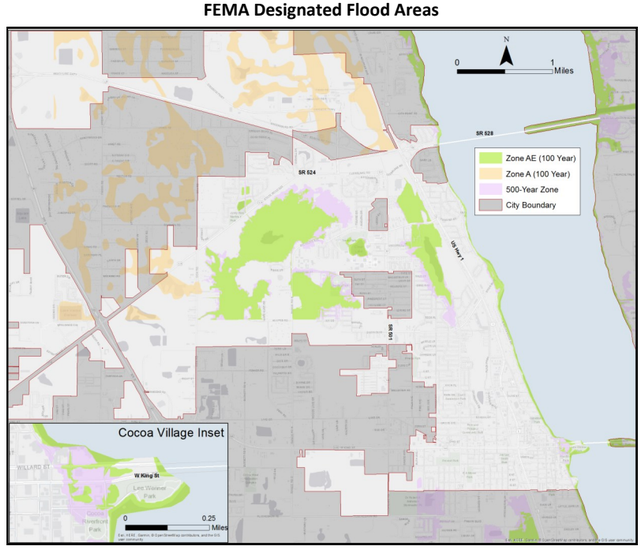
Shallow Coastal Flooding



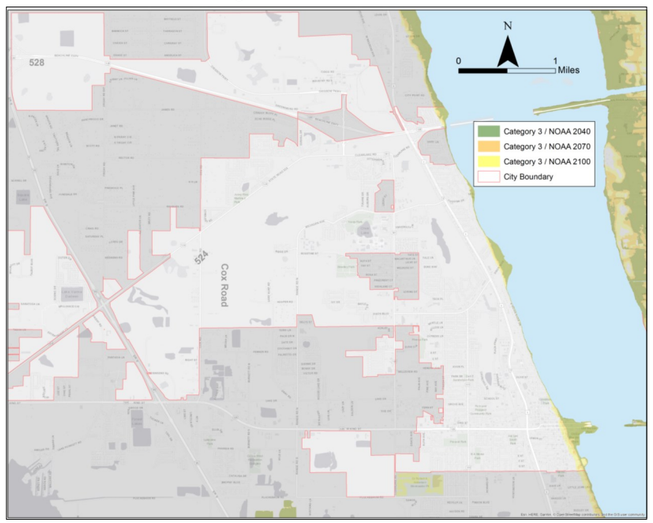
Storm Surge



FEMA Designated Flood Areas



Surge + Sea Level Rise Combo



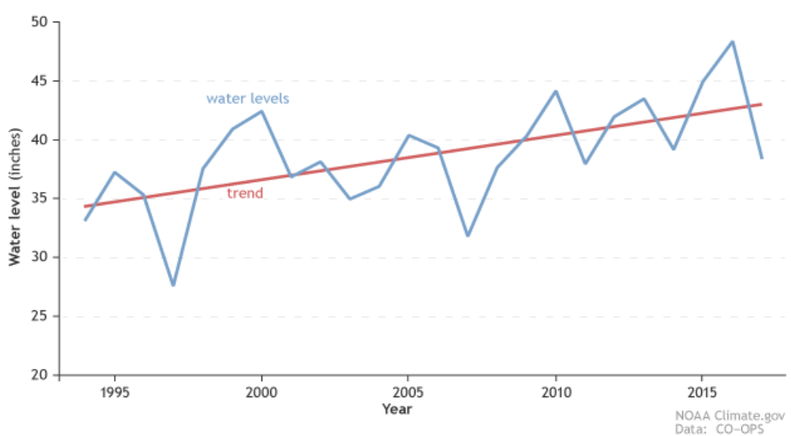
Transportation

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

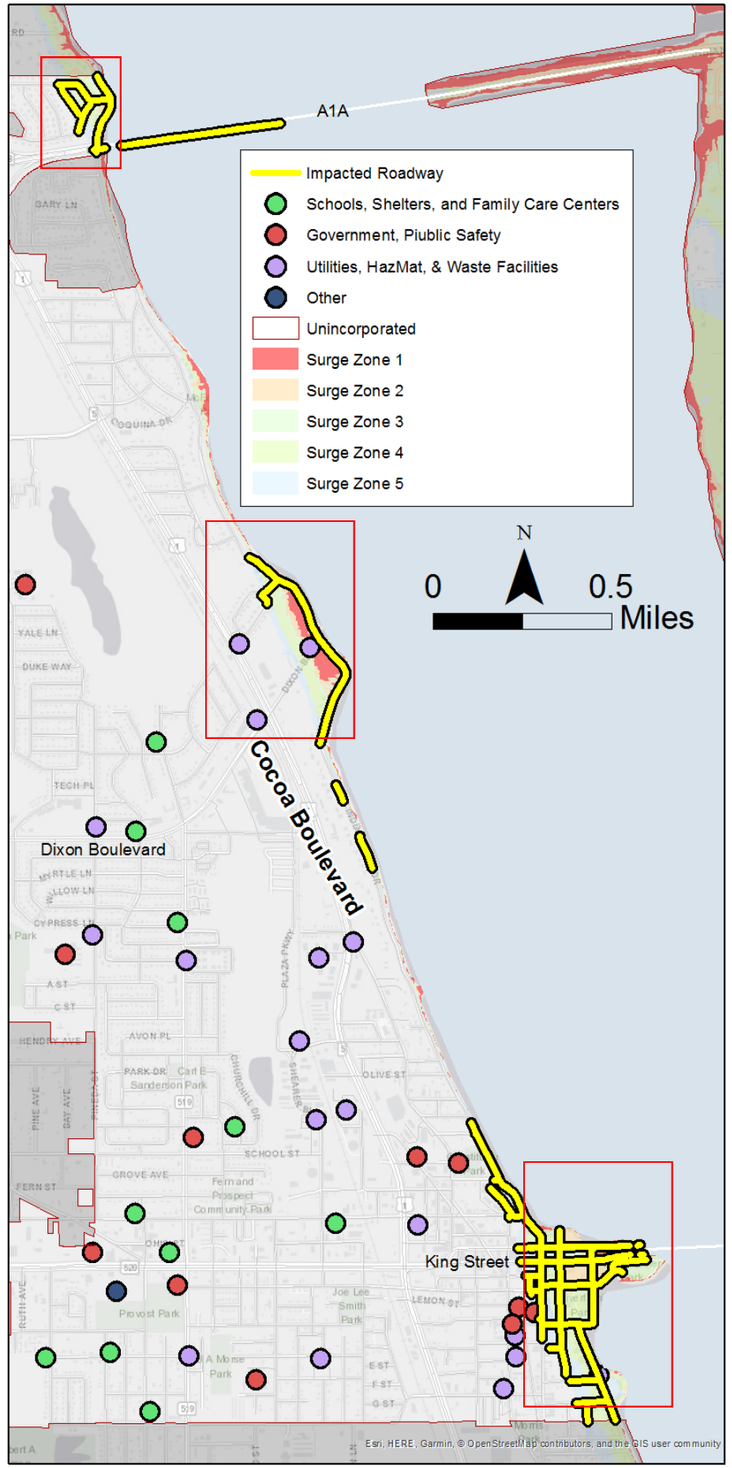
Storm Surge

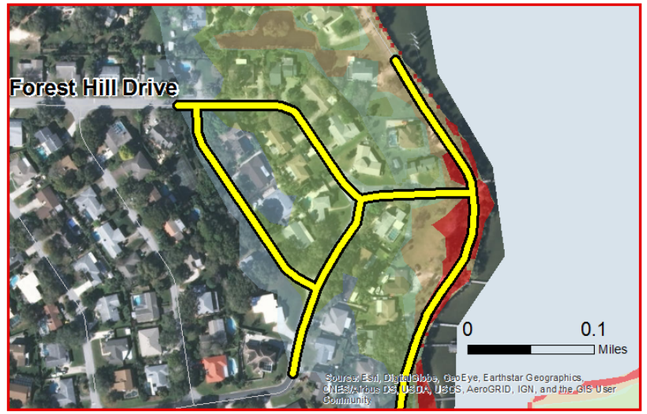
The total miles of vulnerable roadway to surge is as follows:

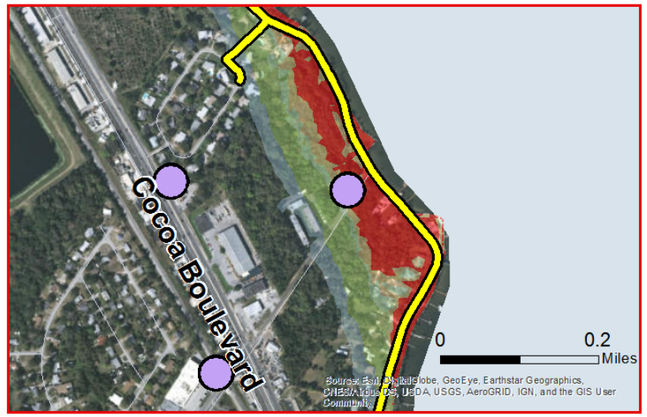
Road Name Classification	Storm Surge Categories				
	1	2	3	4	5
Willard Street* Principle Arterial - Other	0.12	0.3	0.49	0.75	1.07
State Road A1A* Principle Arterial - Freeway & Expressway	0.05	0.13	0.38	0.78	1.26
King Street* Principle Arterial - Other	0	0.11	0.27	0.51	0.83
State Highway 515 Local - 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

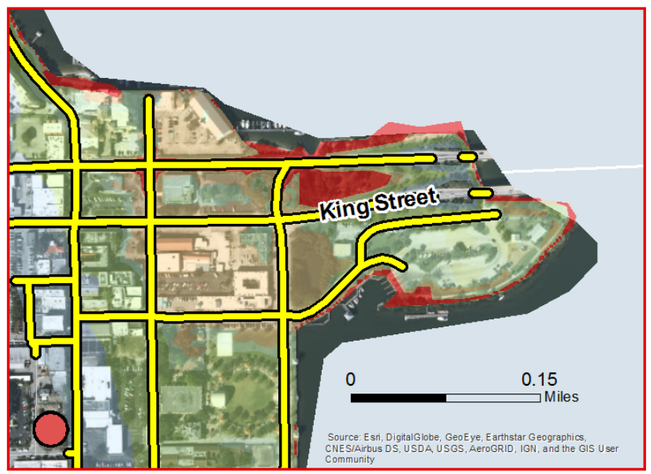
Measured in miles

Note that the total miles of roadway do not indicate a continuous stretch of impact but could represent smaller segments across the corridor.







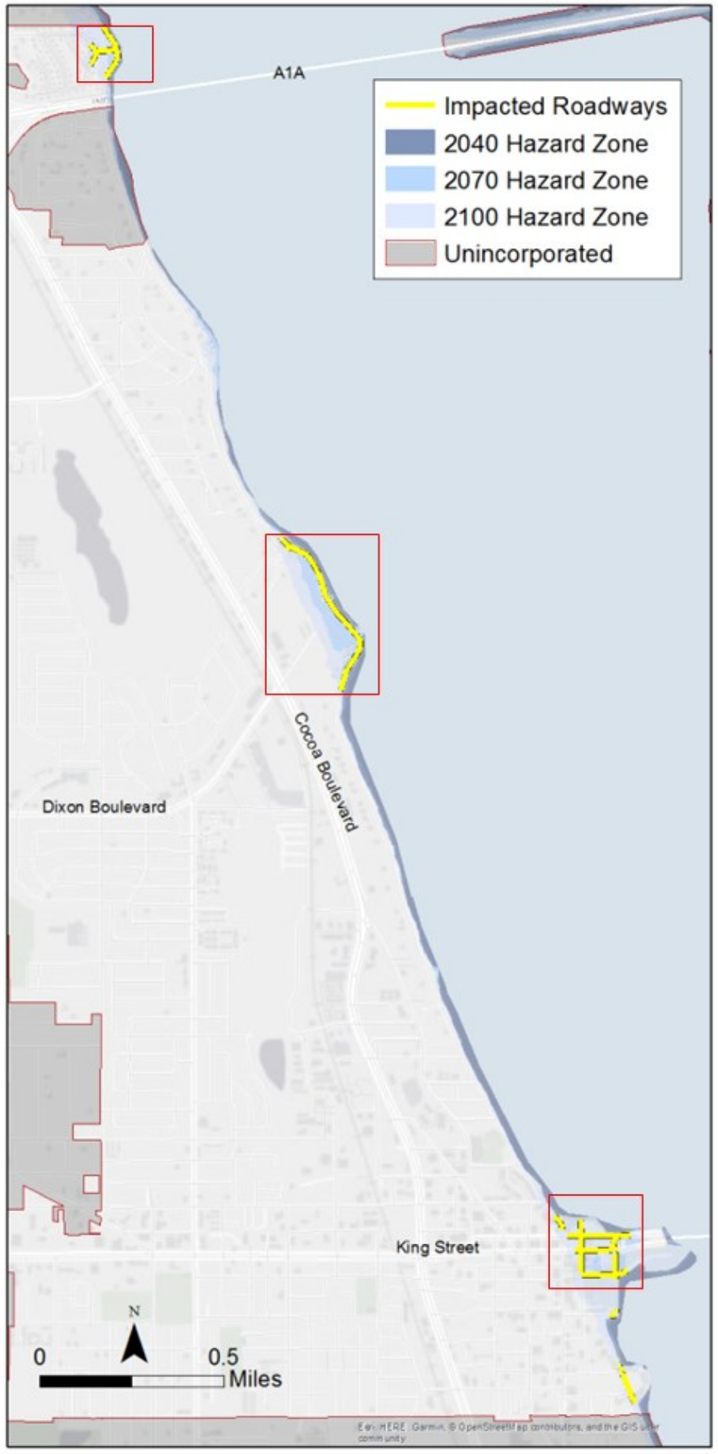


Sea Level Rise

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







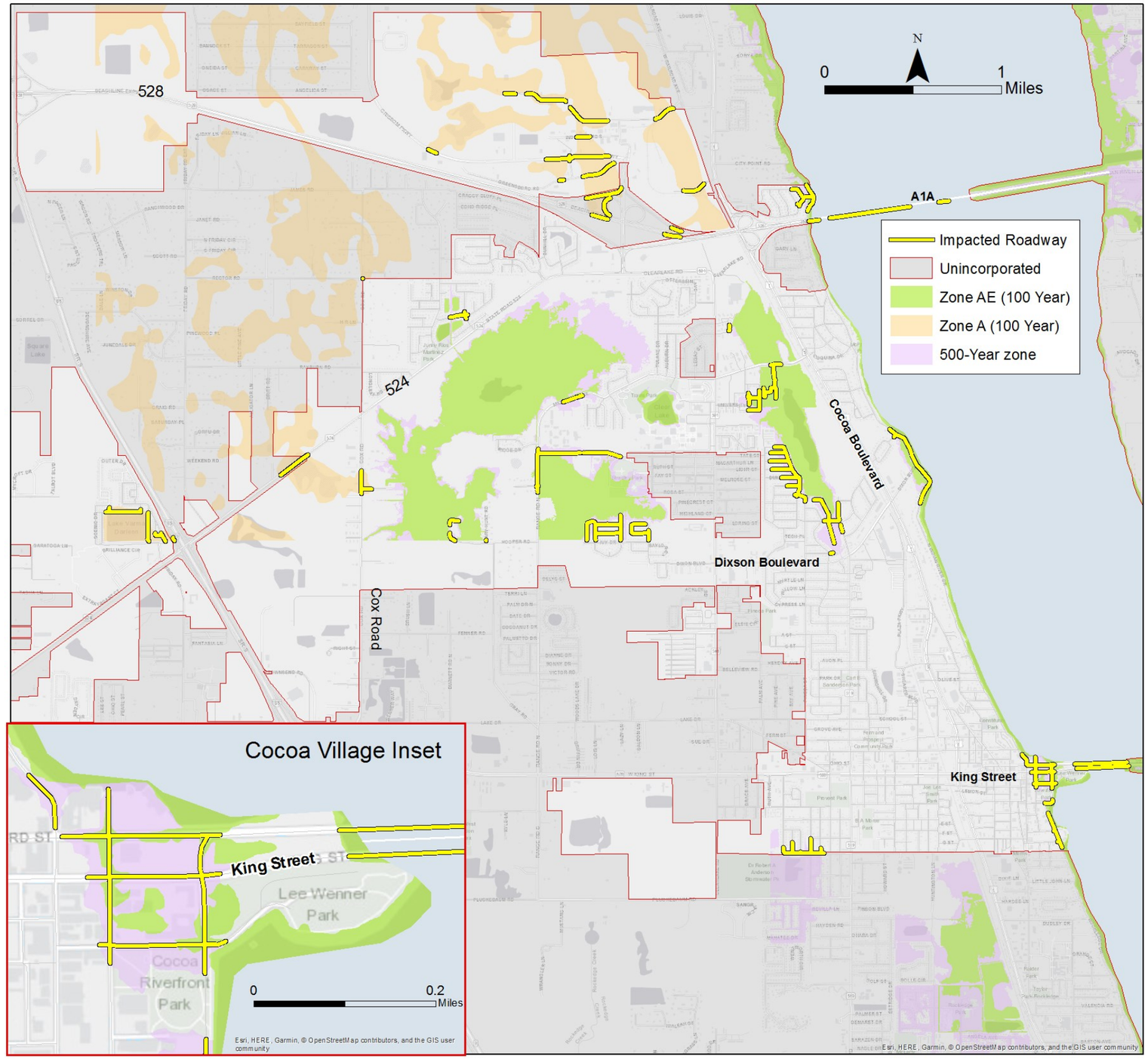


FEMA Designated Flood Areas

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

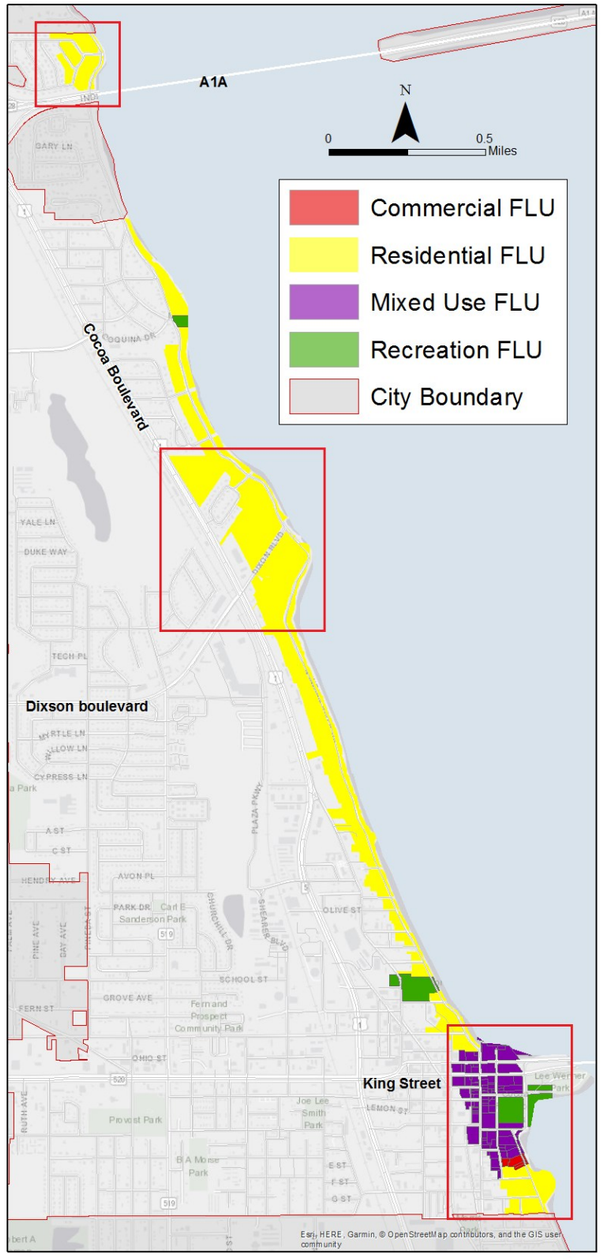
This analysis determines which types of parcels would be impacted. The FLU designations that were studied are as follows: Commercial, Low/ Medium/High Residential, Mixed Use, Industrial, Conservation and Public and Recreation.

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









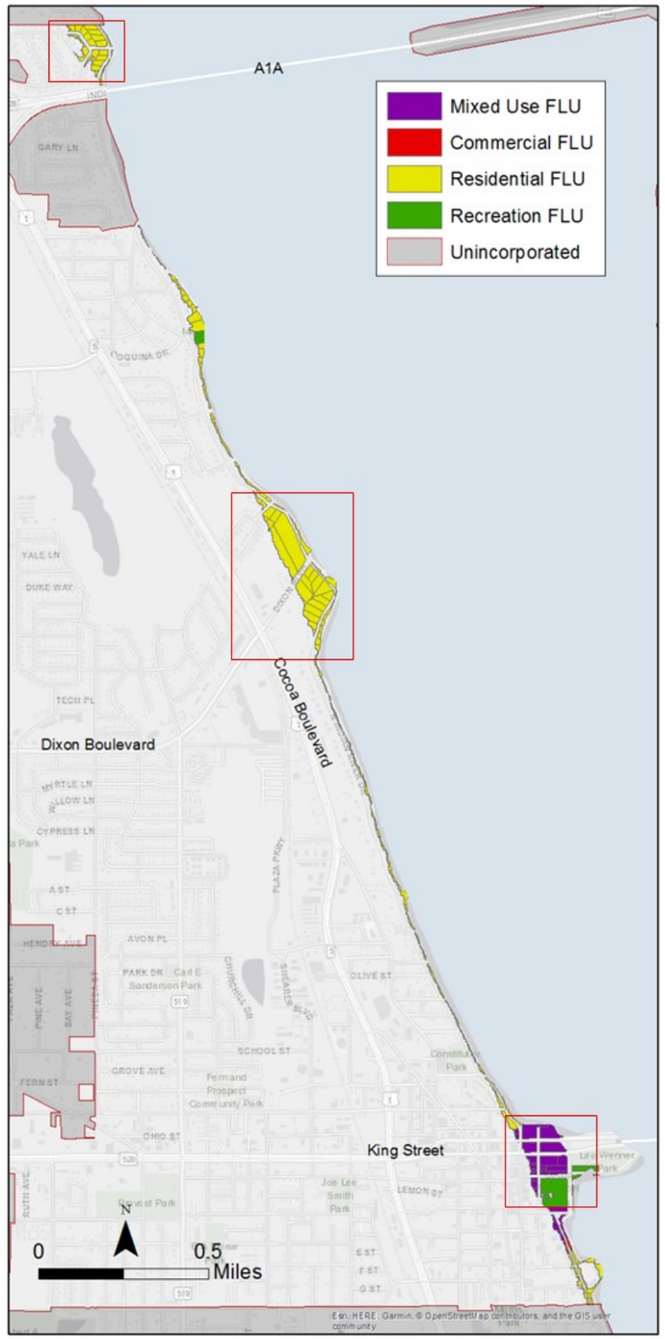
Sea Level Rise

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







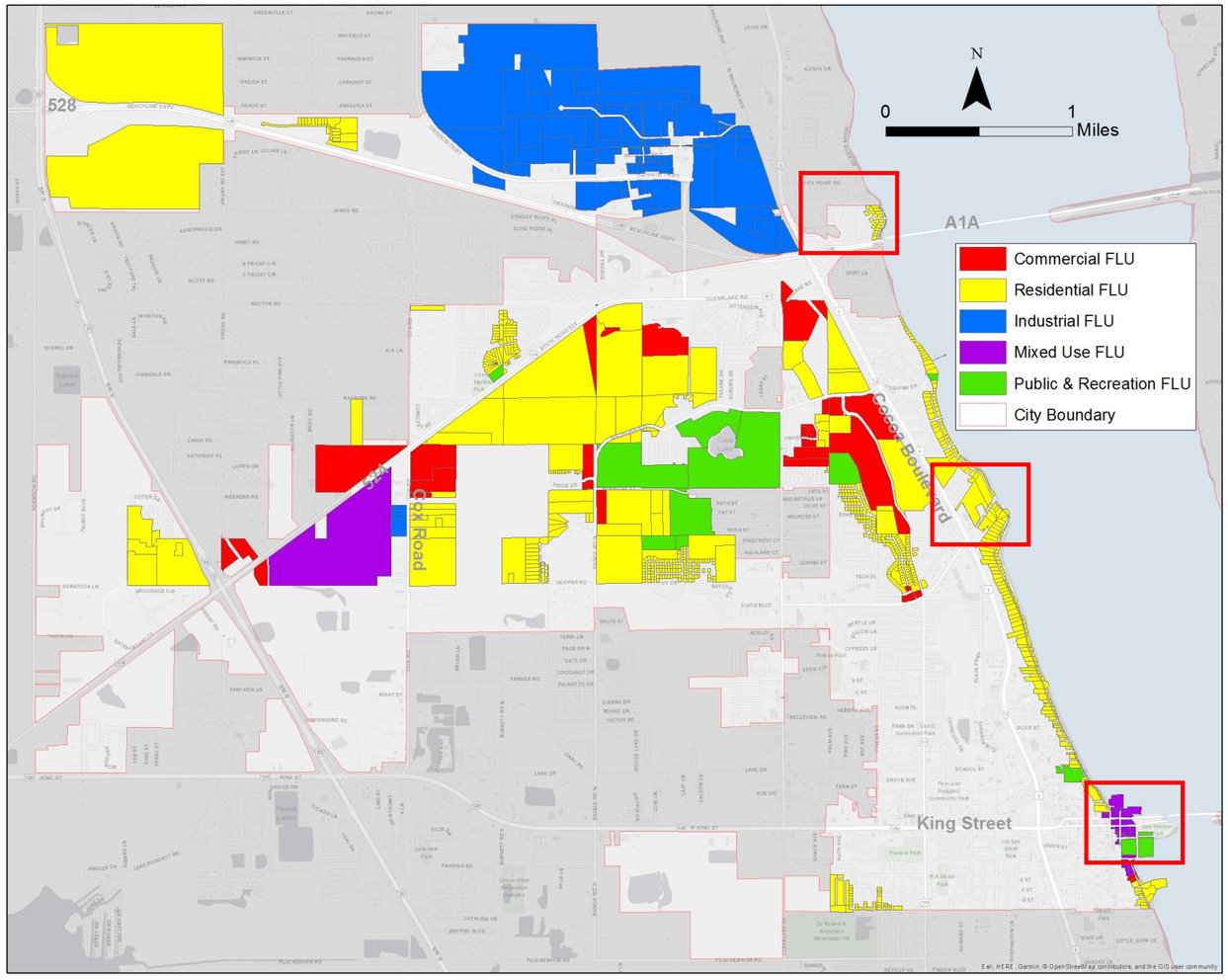


FEMA Designated Flood Areas

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



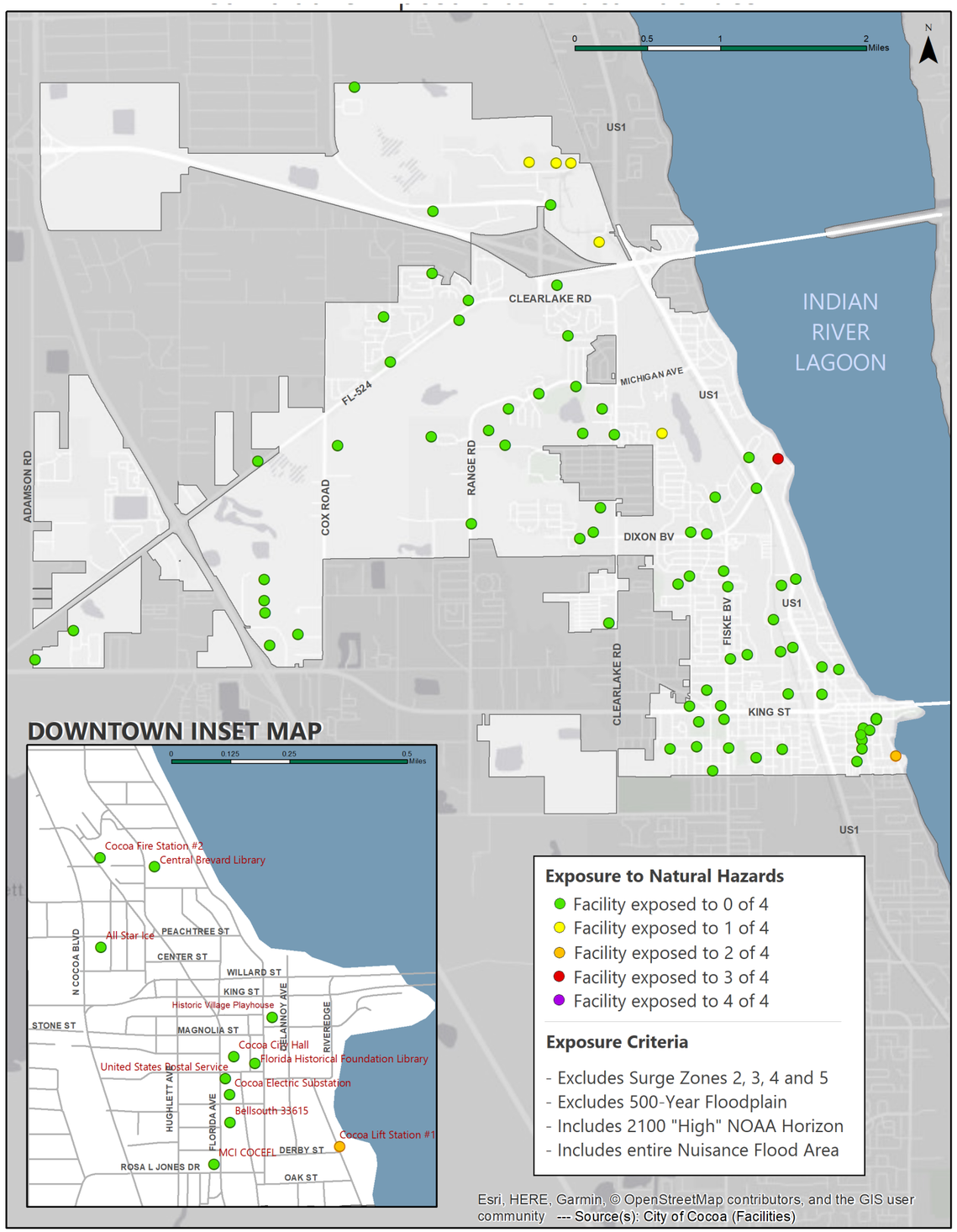
Cocoa Village



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.

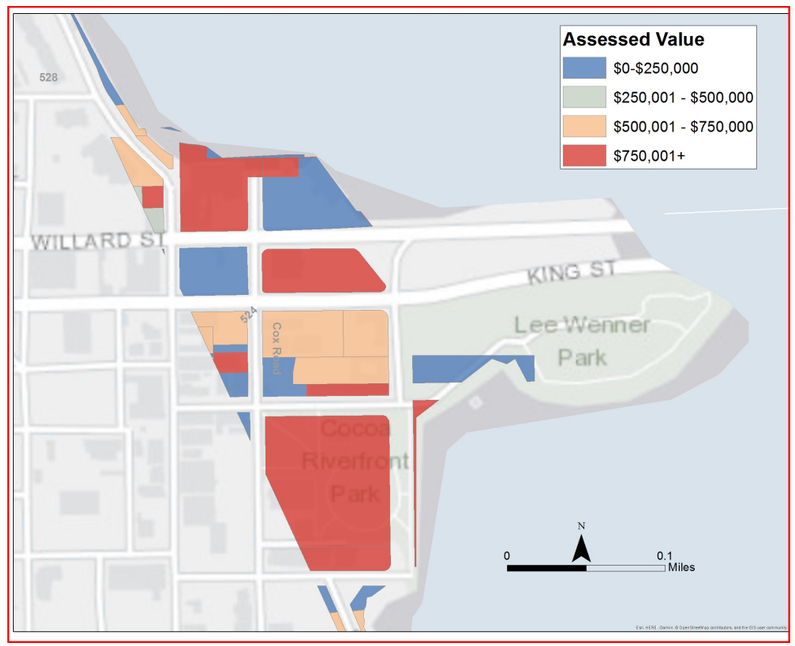
Facility	Facility Type	Storm Surge Zone	ACOE SLR Horizon	NOAA SLR Horizon	Flood Zone	Shallow Coastal Flood Area
ATM Recycling	Waste Facility	None	None	None	Zone A	No
Beyel Brothers Inc - Cocoa	Waste Facility	None	None	None	Zone A	No
Cambridge Elementary School	School (Shelter)	None	None	None	Zone AE	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

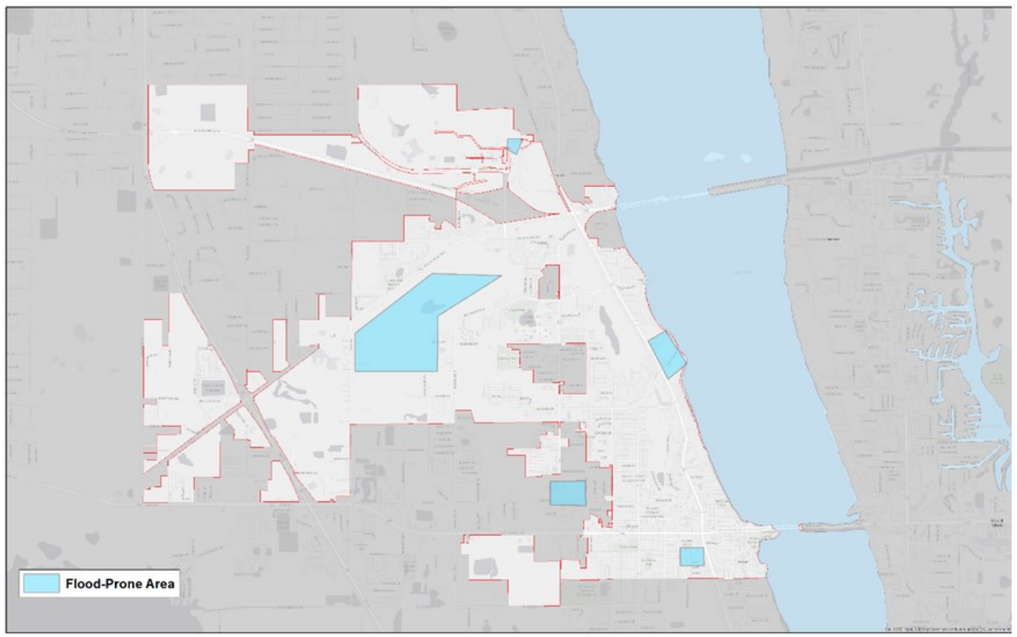
PUBLISHED 5:46 PM EDT Mar. 25, 2019 | UPDATED 6:09 PM ET Mar. 25, 2019

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



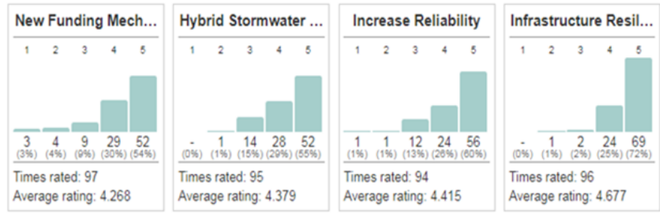


The first question of the survey asked participants to rank five vulnerabilities, which were based on input from the public workshop and the Brevard County Local Mitigation Study. Based on the combined survey results, the top three vulnerabilities were Inadequate Infrastructure, Hurricane and Storm Surge, 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.

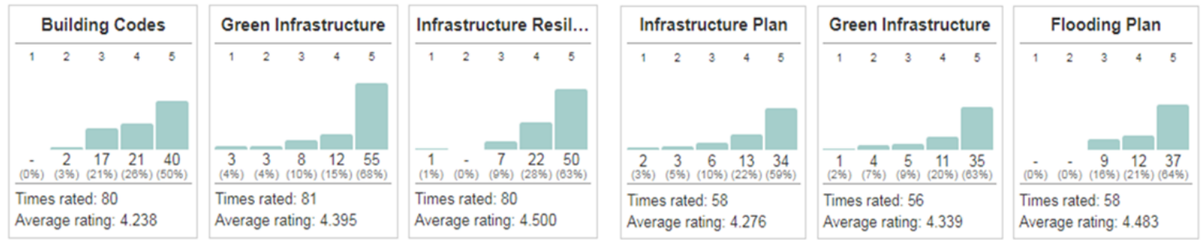
Finally, the survey asked respondents to prioritize areas that City officials should emphasize to create a more resilient Cocoa. The selected priorities include determining appropriate measures to mitigate, adapt or relocate critical infrastructure and assets vulnerable to extensive flooding and storm 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.

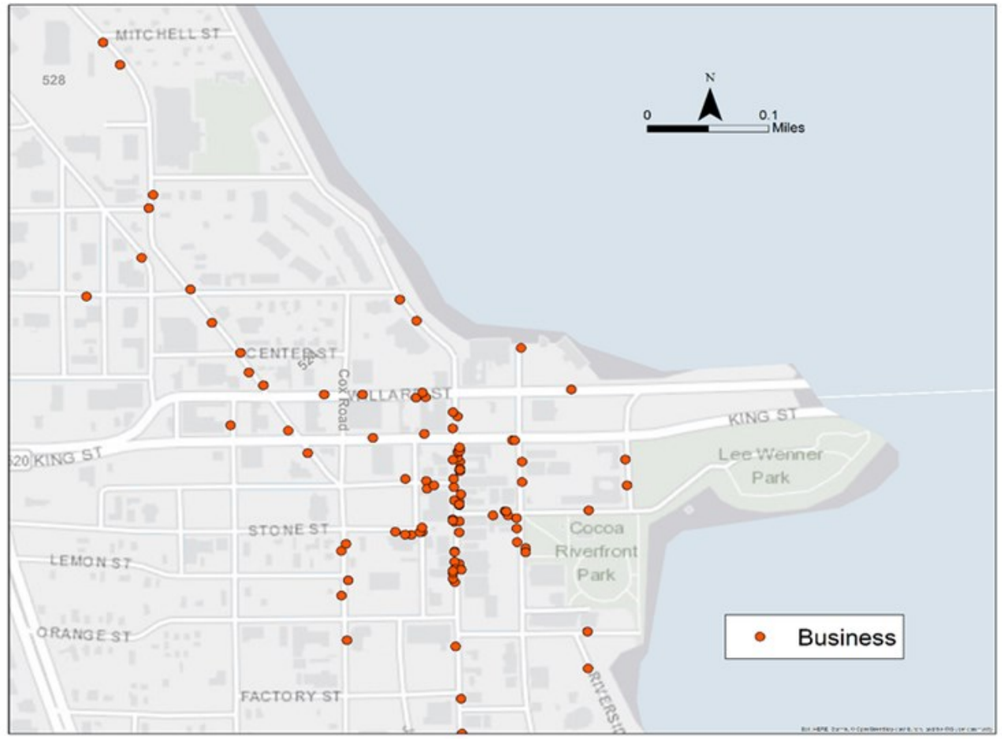
Methodology, Inputs and Assumptions

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.

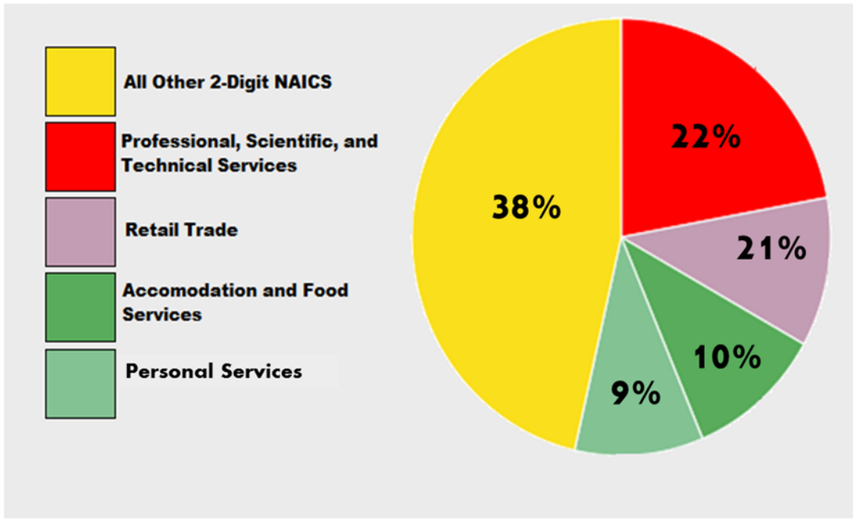
To calculate the economic impact of these business losses, the ECFRPC used total annual business sales (output) as provided by Infogroup. In the case where the business record did not have that information, the ECFRPC multiplied the total number of employees by REMI's labor productivity industry numbers 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.

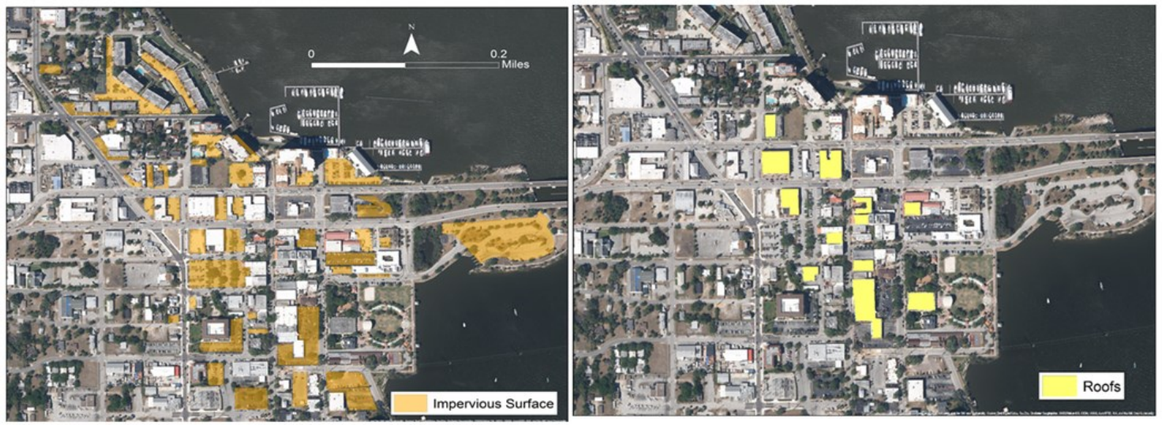
Incorporating this new infrastructure would certainly have its costs. According to C2ES, the price for installing green features ranges from $7 per square foot for permeable concrete pavement to $10 for rain gardens and green roofs. A rain barrel can sell for about $50. To estimate the total costs for 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
Lift Station 24	None	None	None	None	None	None
Lift Station 26	None	None	None	None	None	None
Lift Station 27	None	None	None	None	None	None
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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

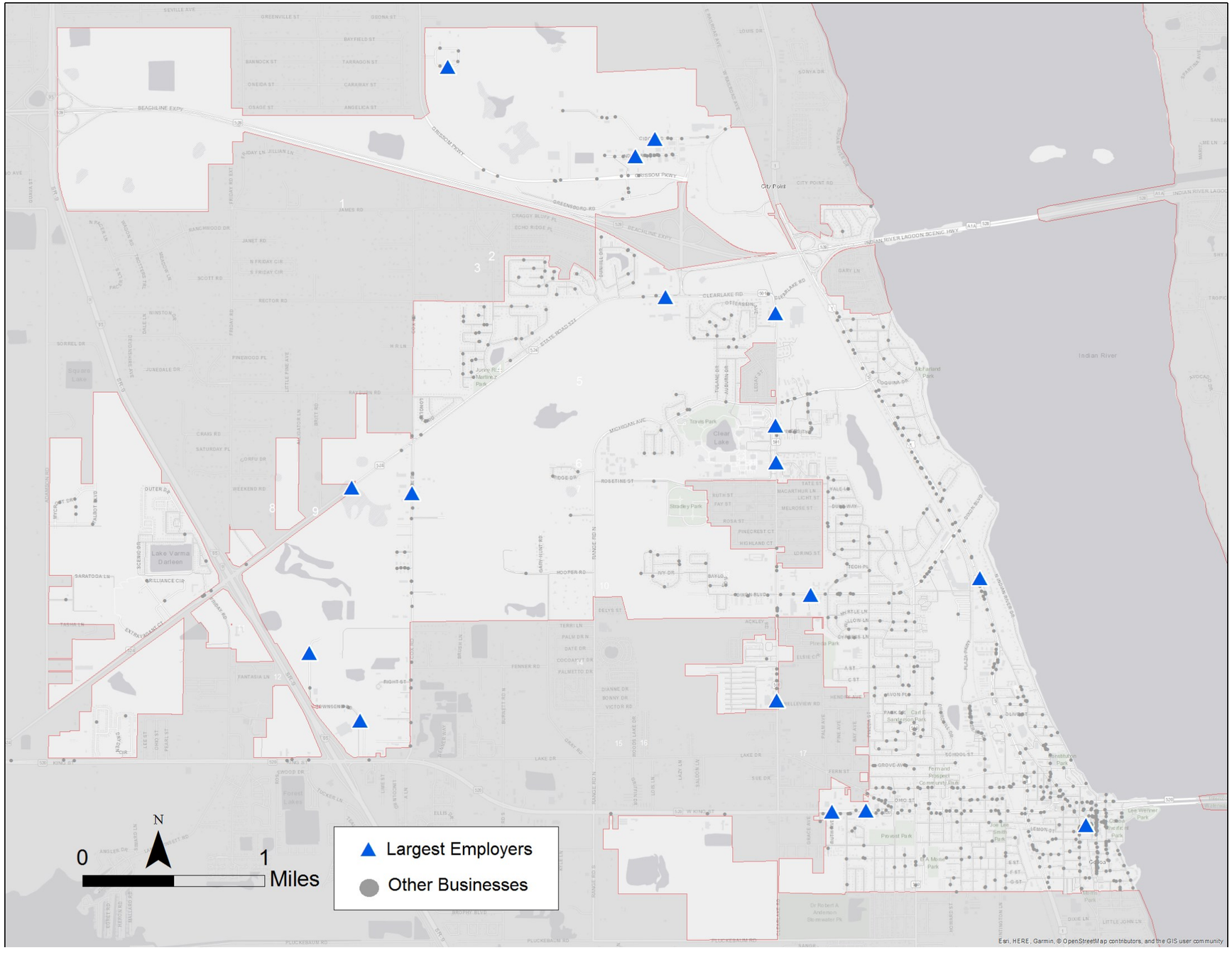
Coastal flood data was obtained from NOAA's Coastal Flood Exposure Mapper. The flood thresholds are derived from NOAA's Technical Report NOS CO-OPS 086: Patterns and Projections of High Tide Flooding along the U.S. Coastline Using a Common Impact Threshold. The report indicates that Brevard County's 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

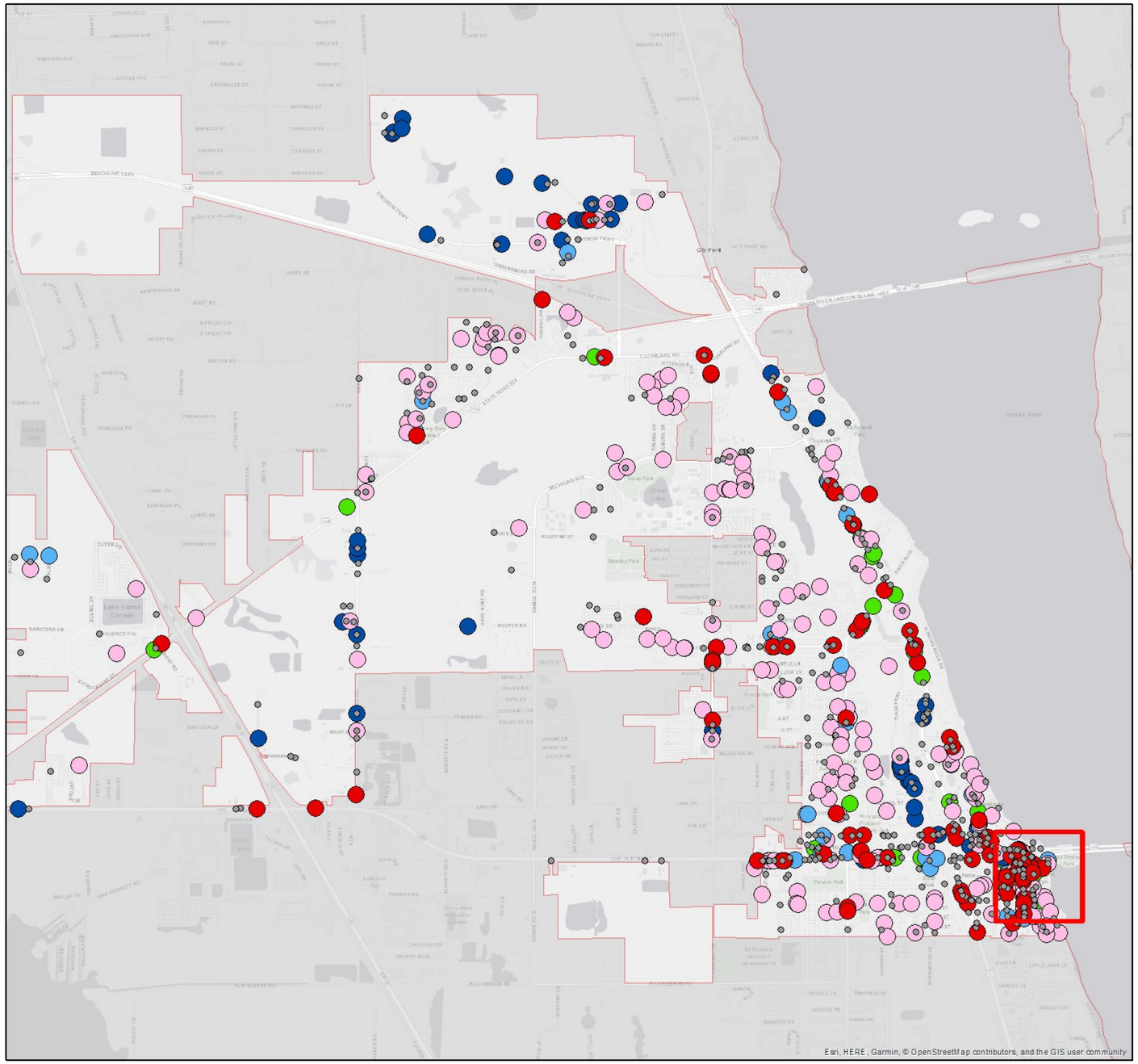
The Tampa Bay Regional Planning Council developed an ArcGIS Add-In Tool to model how future sea level rise conditions affect surge based on new National Hurricane Center's SLOSH "super basins" that provide greater resolution of data for storm surge modeling. The model allows users to analyze certain 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.

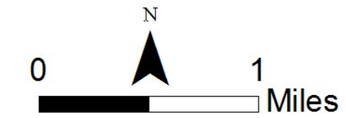
Maps

Largest Employers

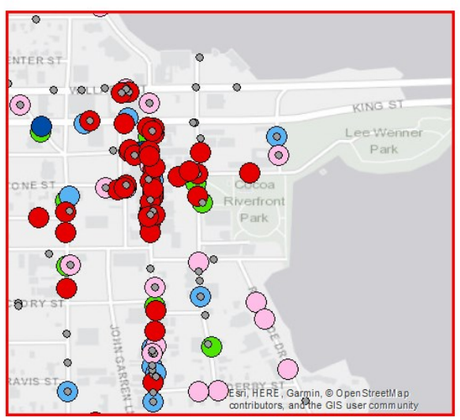


Total businesses by Type

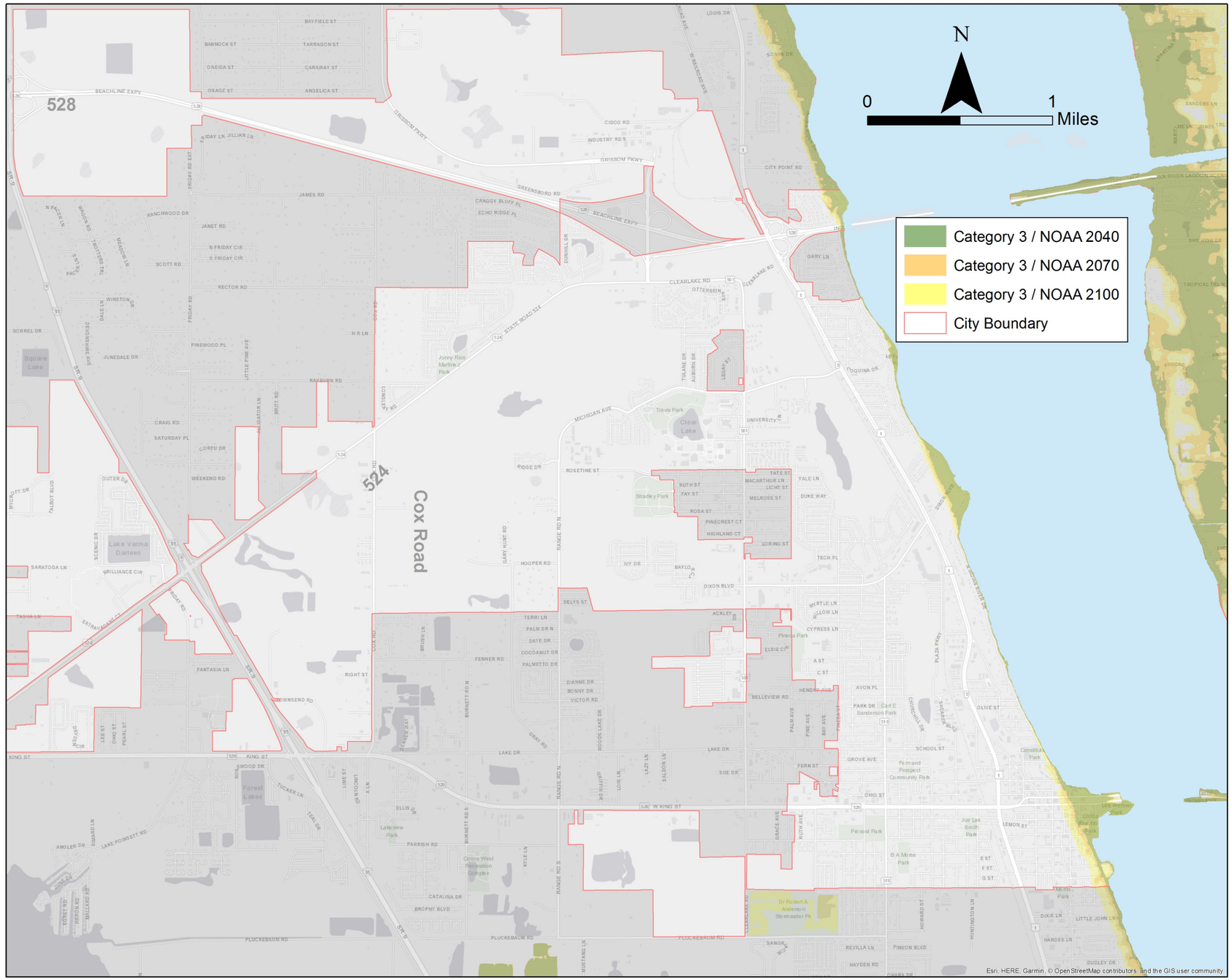




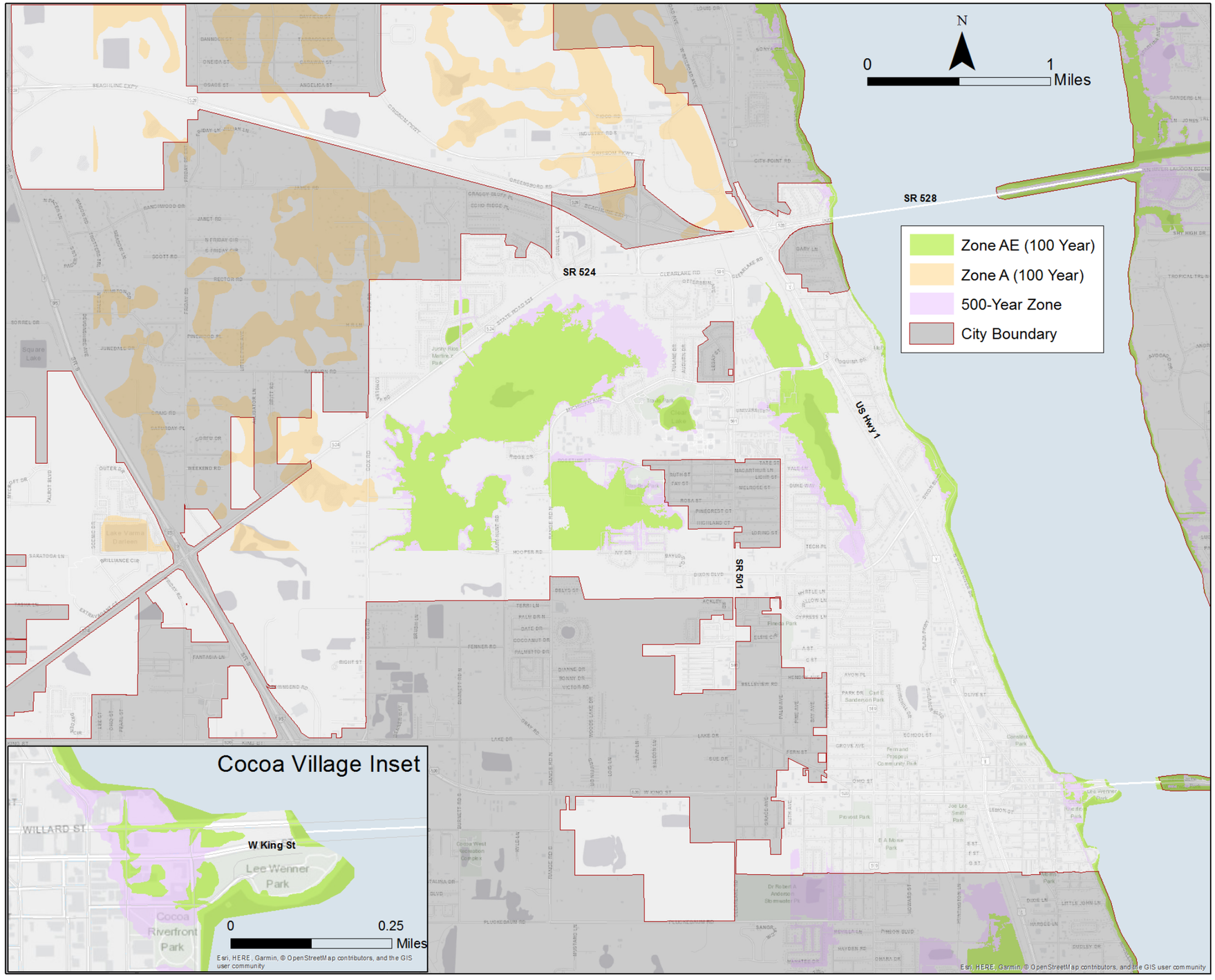
- Accomodation and Food Services
- Manufacturing
- Other Personal Services
- Real Estate
- Retail
- All Other Business Types



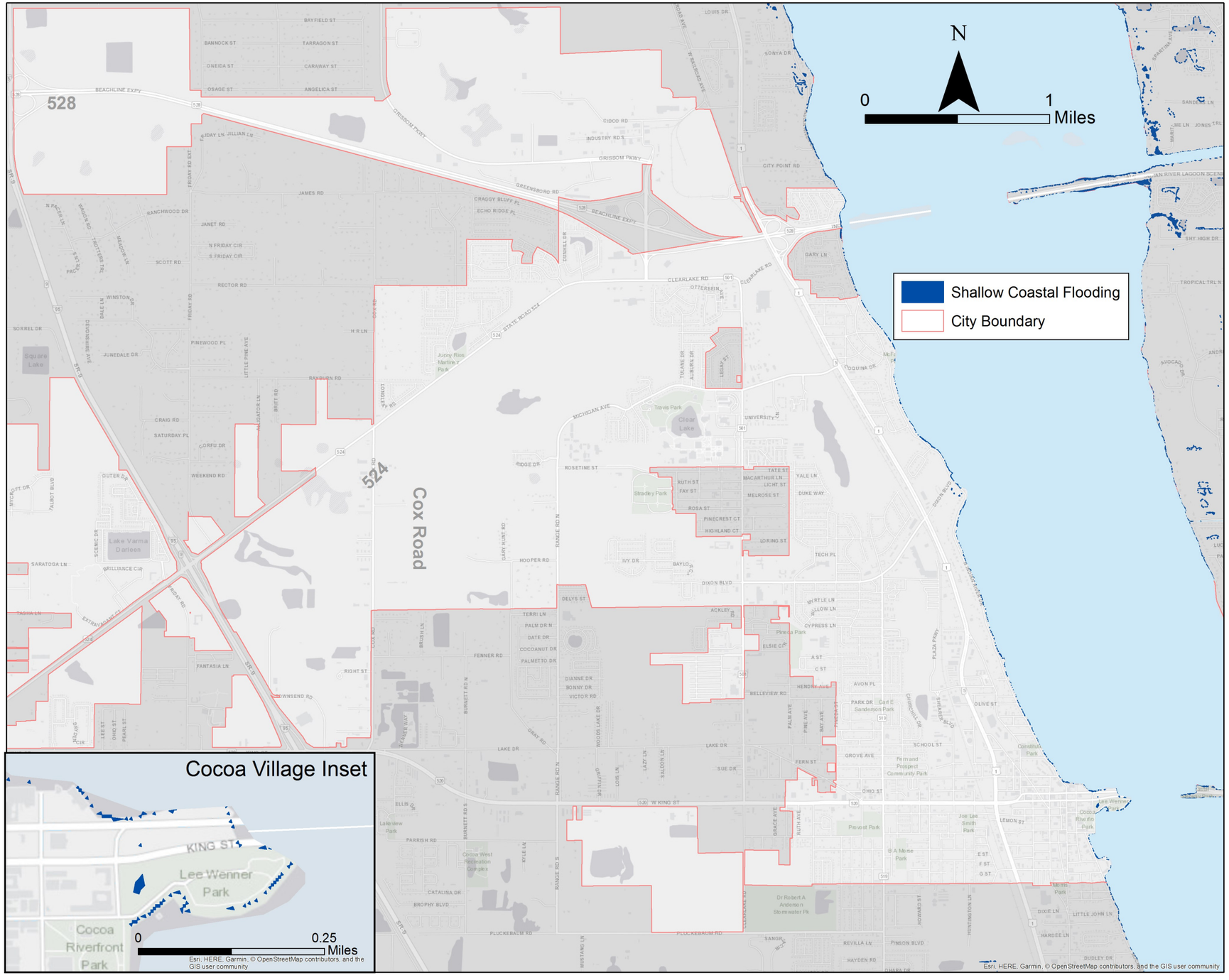
Storm Surge +Sea Level Rise Combo



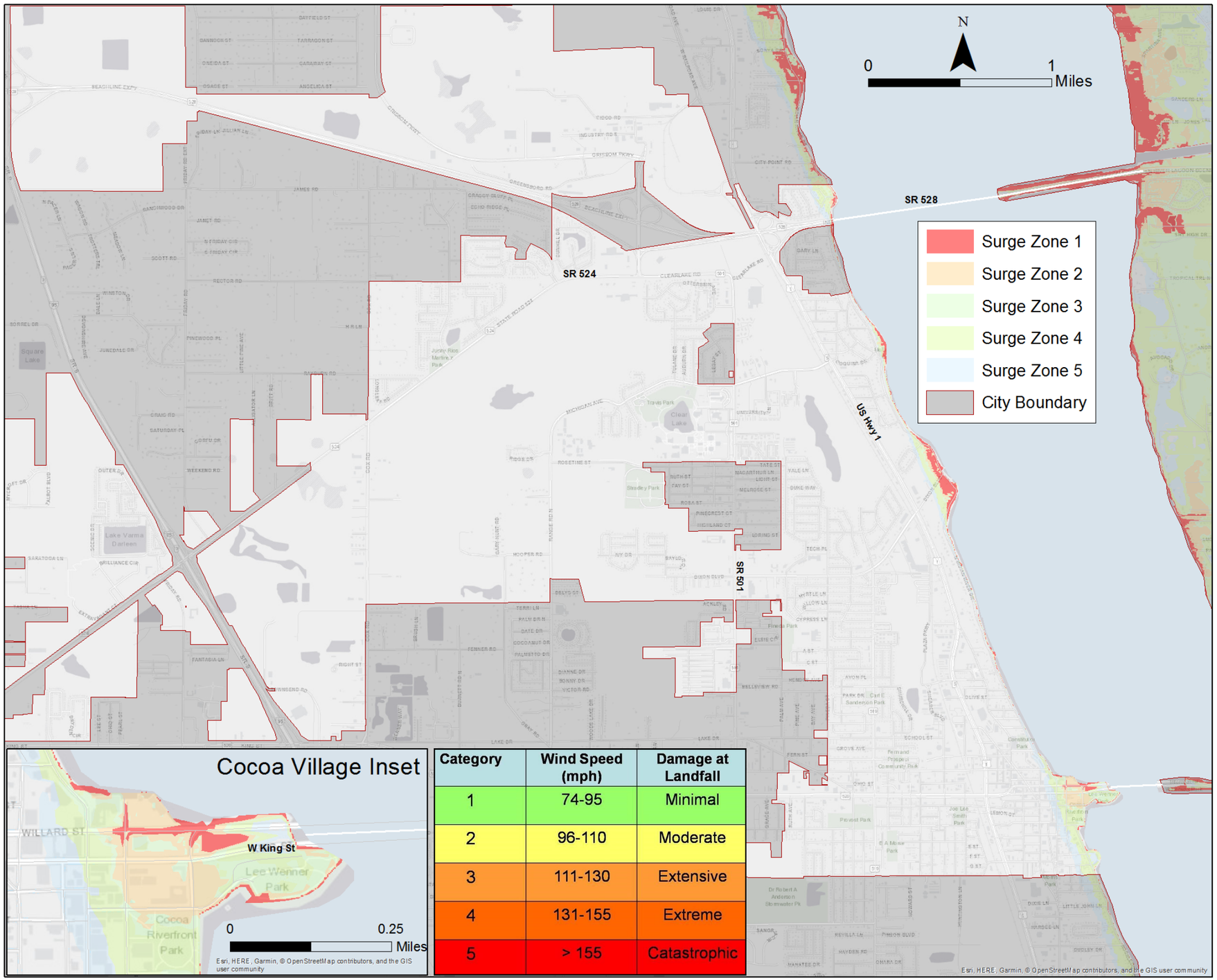
FEMA 100-Year and 500-Year Flood Zones



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

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 XX-2019 on XX-XX-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.

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.

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.

Policy 6.1.5.6: The City shall administer land development regulations that promote a "natural runoff" or "net-zero discharge" for all site plans in the 100-year floodplain.

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.

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.

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.

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

CITY OF COCOA
COMPREHENSIVE PLAN

EAR AMENDMENT MAP SERIES

September 2019

LIST OF MAPS

Future Land Use Element:

Map M-I-7: Future Land Use Map

Coastal Management Element:

Map CM-1: Coastal Planning Area Map
Map CM-2: Existing Land Use within the Coastal Planning Area
Map CM-3: Future Land Use within the Coastal Planning Area
Map CM-4: FEMA Floodplain within the Coastal Planning Area
Map CM-5: Surge Hazard Map
Map CM-6: Sea Level Rise Projections

Conservation Element:

Map M-XII-1: Wetlands Map

Future Land Use Map

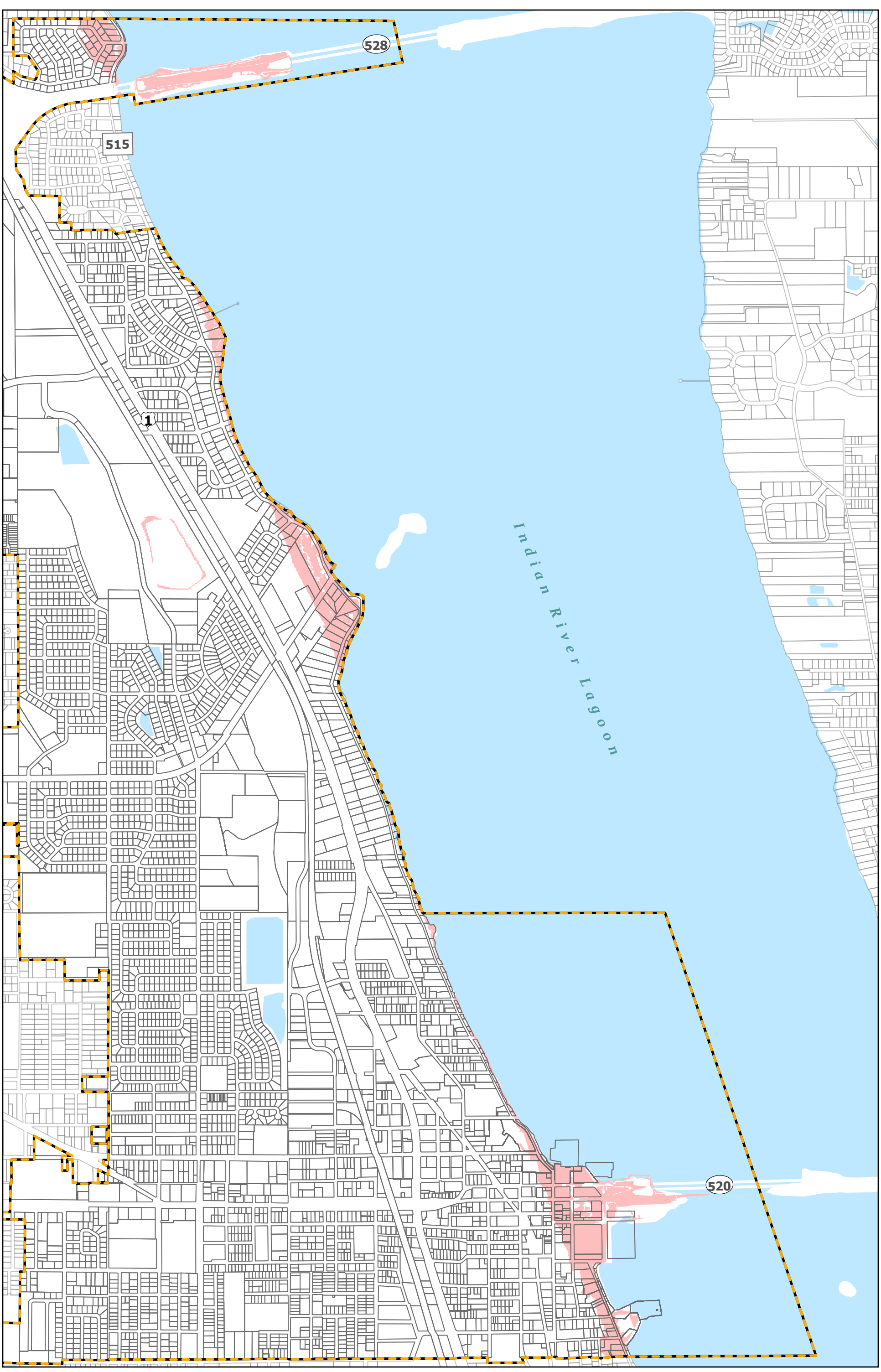
COCOA FLORIDA

- 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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Miles

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Map M-I-7



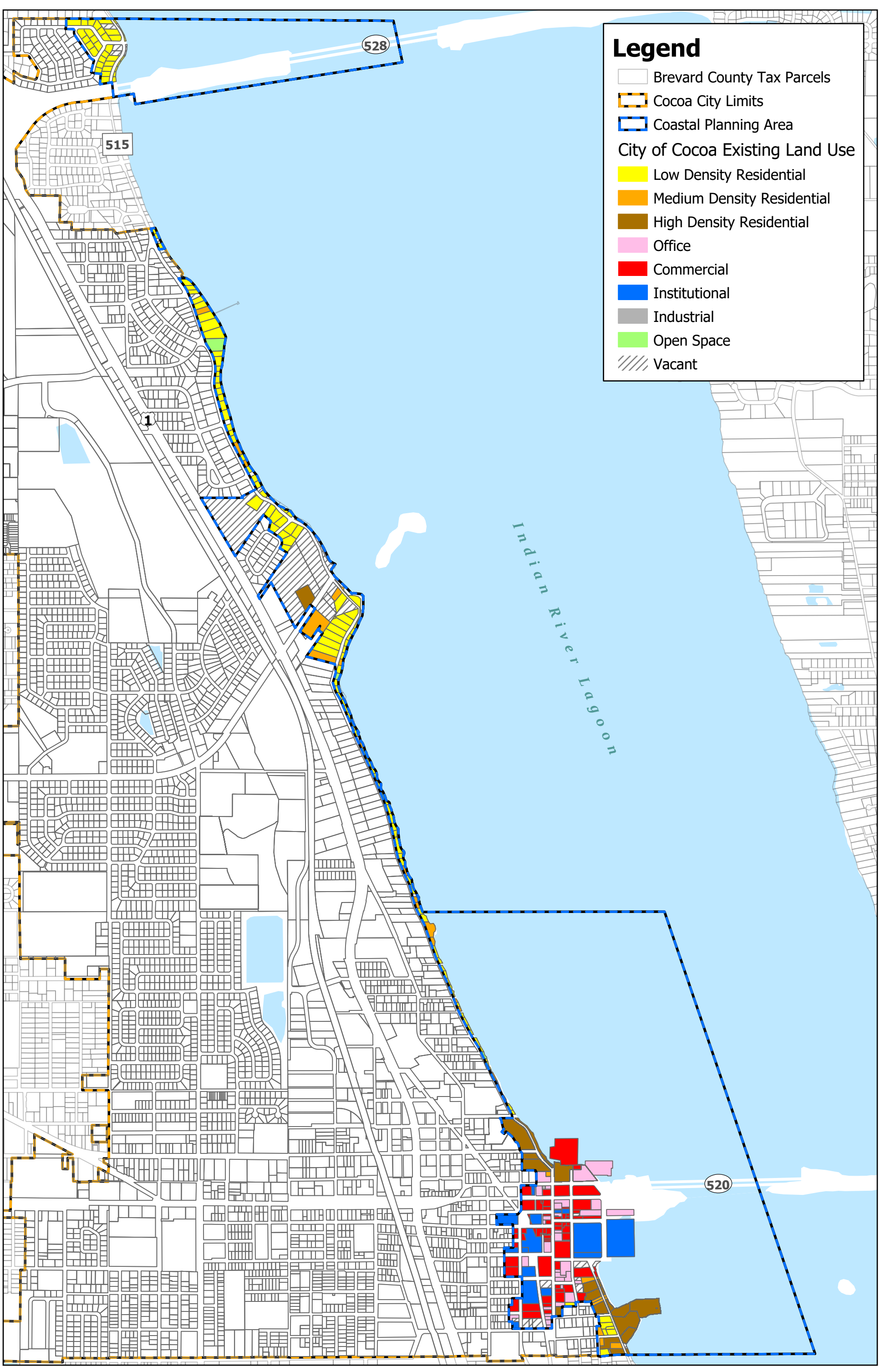
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CM-1: Coastal Planning Area Map

COCOA FLORIDA



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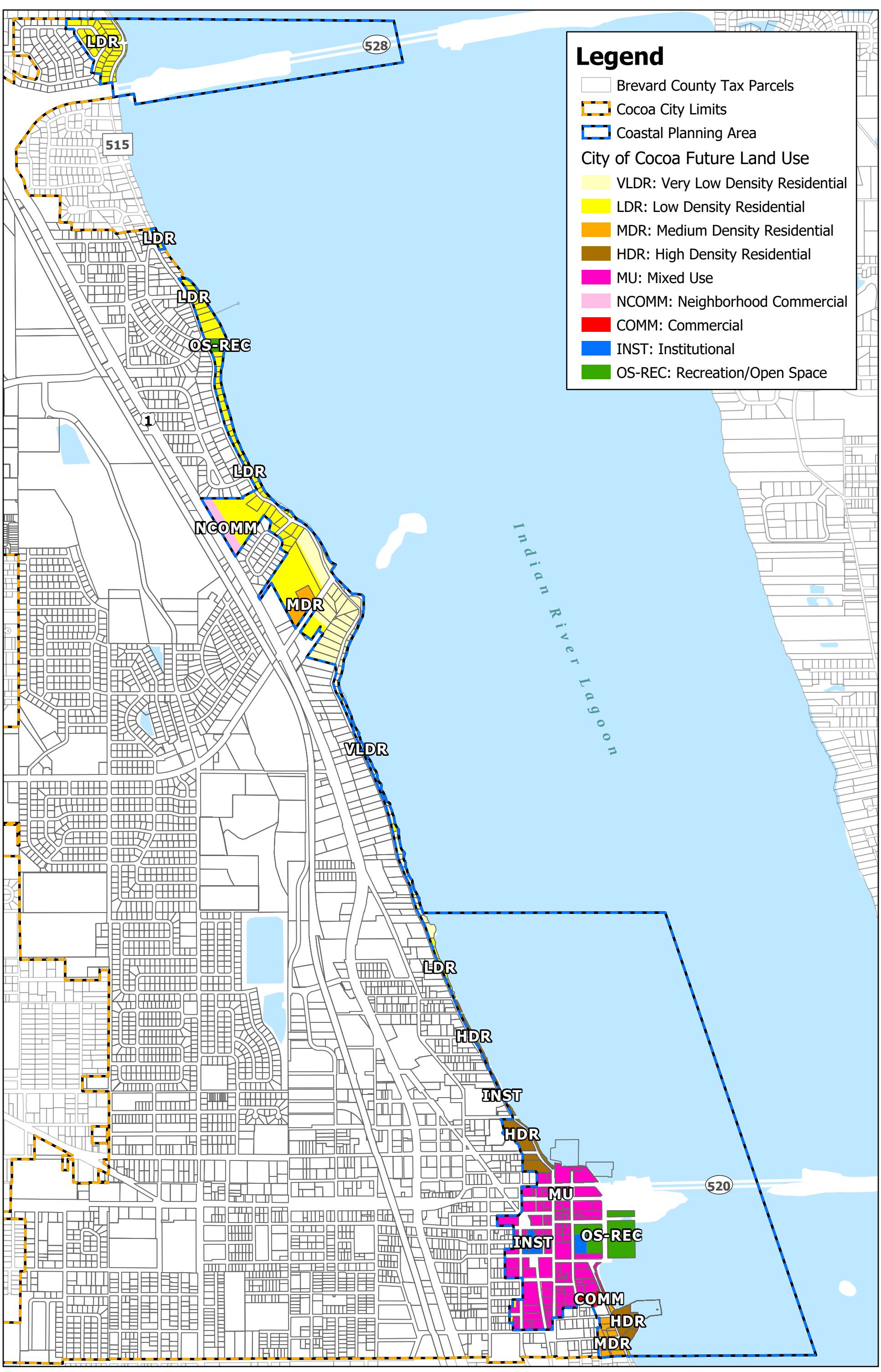
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Existing Land Use

Within the Coastal Planning Area

COCOA FLORIDA



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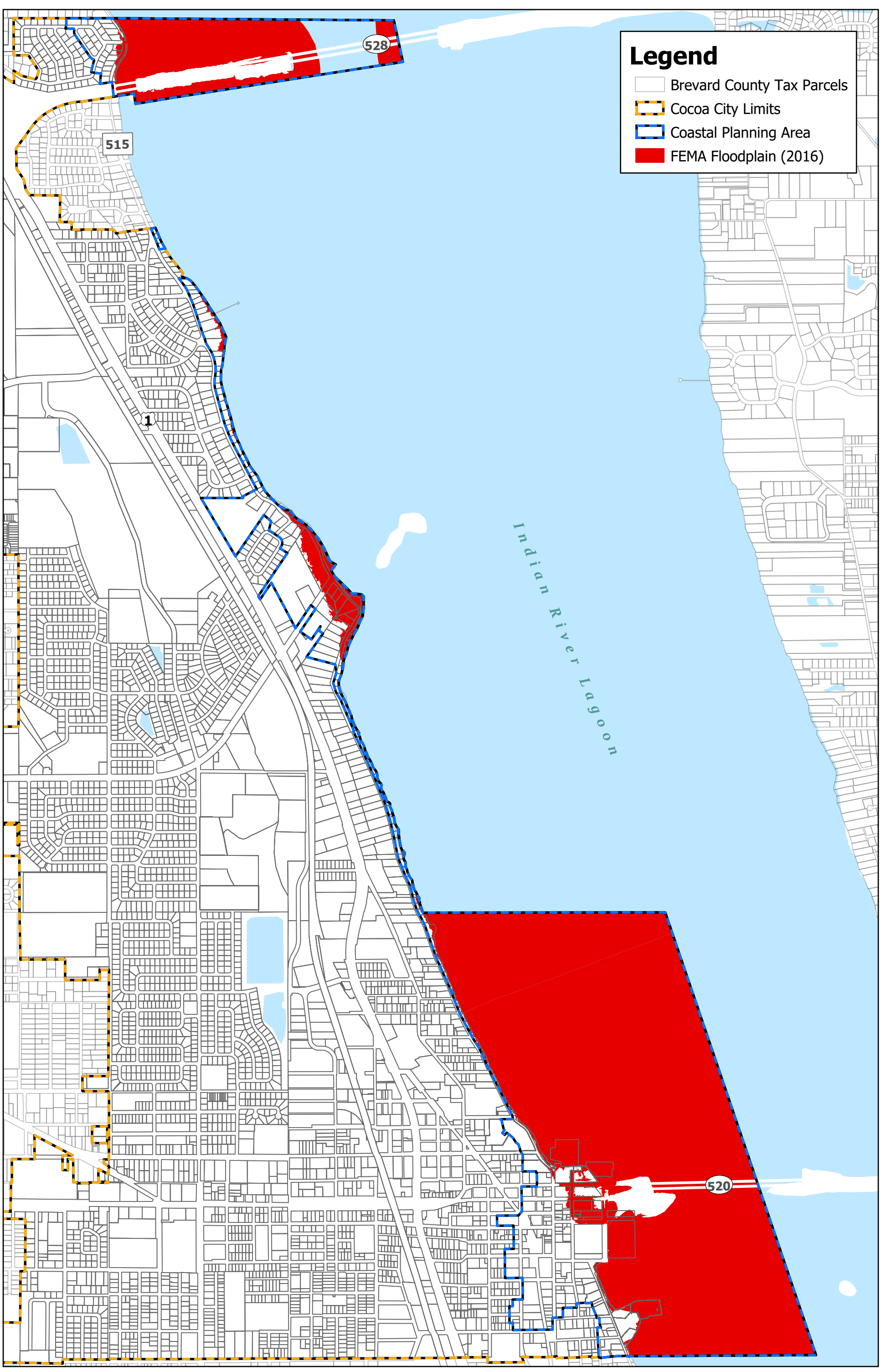
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Future Land Use

Within the Coastal Planning Area

COCOA FLORIDA



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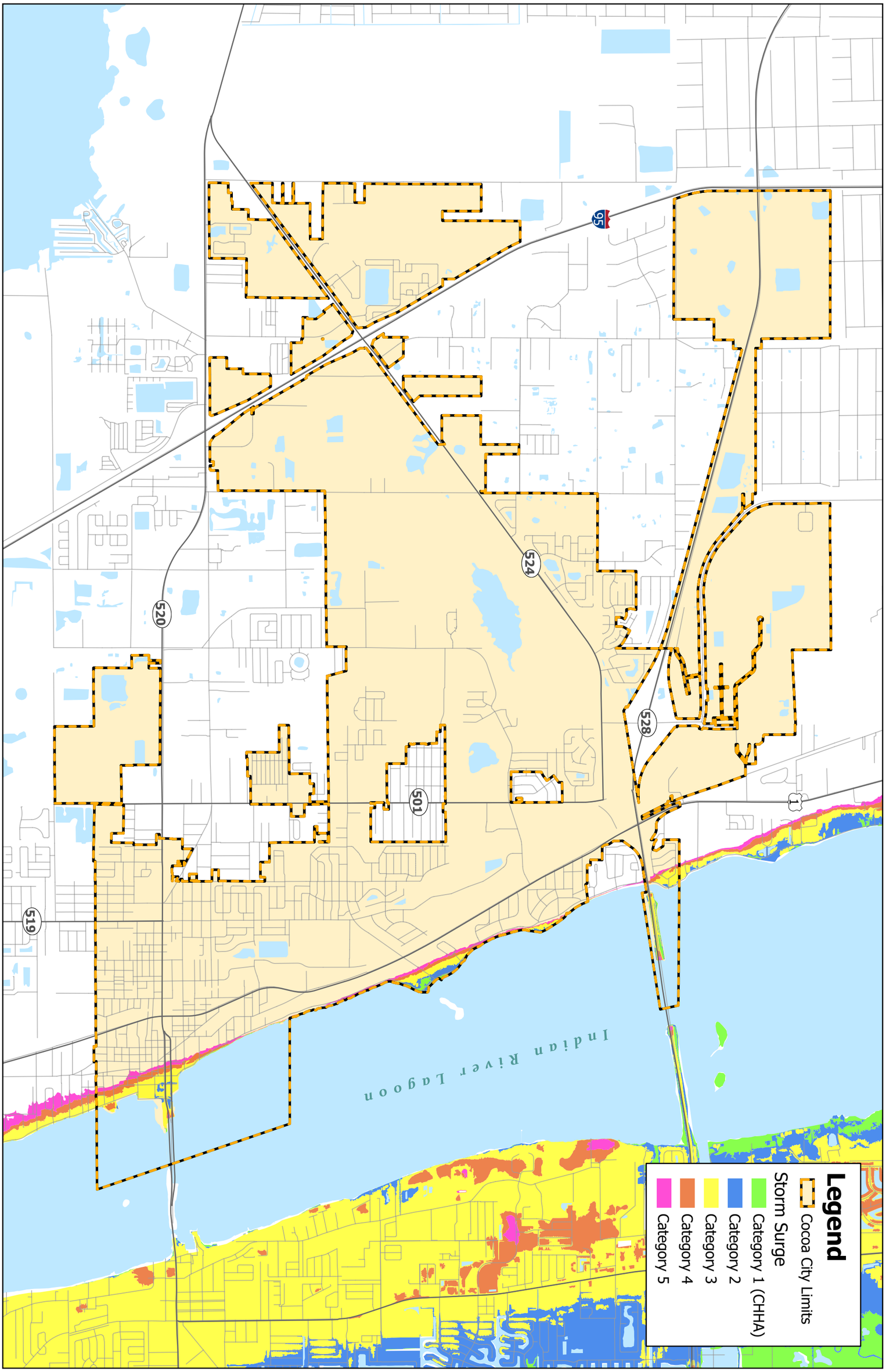
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FEMA Floodplain

Within the Coastal Planning Area

COCOA FLORIDA



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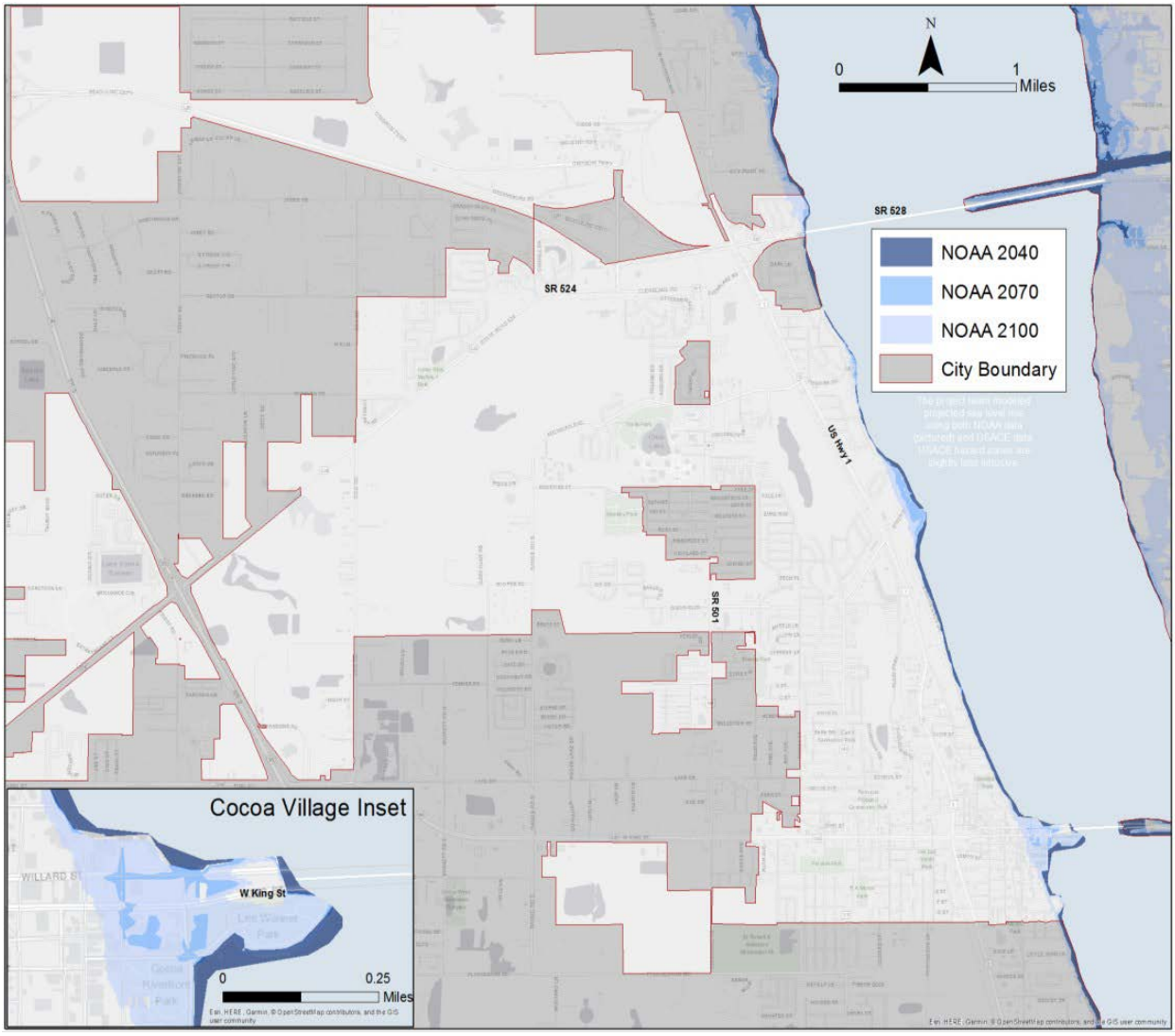
Surge Hazard Map

Within Cocoa City Limits

COCOA FLORIDA

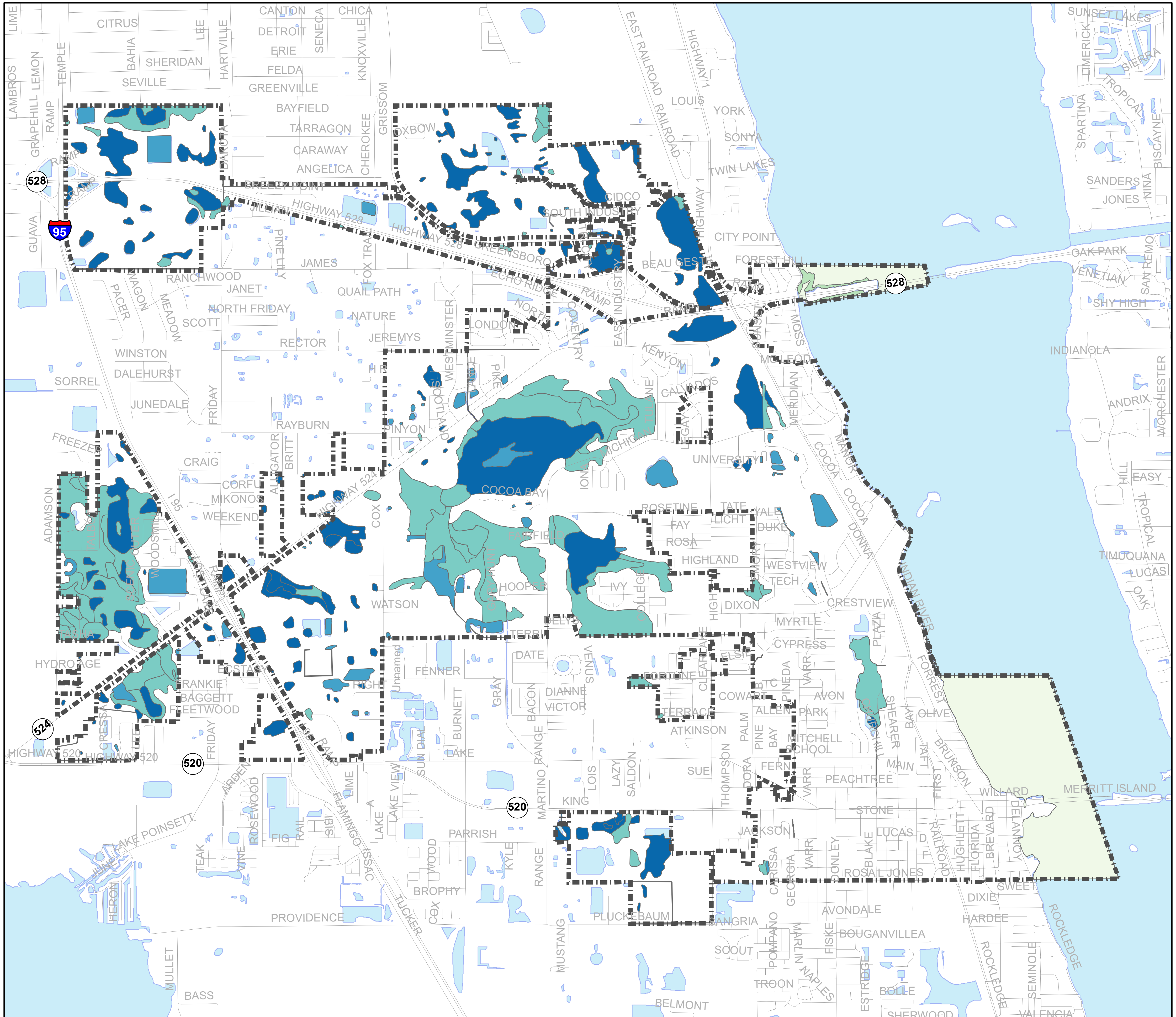
Sea Level Rise Projections

Based on National Oceanographic and Atmospheric Administration (NOAA)



Information provided from the 2019 Resilient Cocoa plan.

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

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Miles

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Map M-XII-1

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 XX-2019 on XX-XX-2019

Serving the Community

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Al Washington, Vice-Chairman

Todd Anderson

Jeri Blanco

Sharon Ervin

Trina Gilliam

Marilyn Green

Aleck Greenwood

Lawrence Koss

Russell Sengel

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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 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.).

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.

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 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: 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 1.1.10.11: 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 maintain and update its vision for the City's urban form as needed.

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 1.2.2.2: 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 1.2.2.3: 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.

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 City has been exempt from state-mandated transportation concurrency. However, the City will 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 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: 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 continue to support the Florida Scenic Highways and National Scenic Byways programs.

Policy 2.1.9.1: The City shall 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 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.

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 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 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.

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, utilities, and insurance not exceeding thirty percent (30%) of the purchasing household's median gross annual 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 to satisfy the projected demand of dwelling units of various types, sizes, and costs.

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: 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: 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 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, 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.

Policy 6.1.5.6: The City shall administer land development regulations that promote a "natural runoff" or "net-zero discharge" for all site plans in the 100-year floodplain.

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 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. The City shall continue to implement best management practices for water conservation, including any new technology not yet developed.

I. 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 Capital Improvements Plan 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 the District Water Supply Plan SJRWMD 2005 updates that affect 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 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 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.

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 9.1.1.3: 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.

Objective 9.1.3: Estuarine Environmental Quality. 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.

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;

F. Minimize shoreline hardening structures

G. Hurricane contingency planning;

H. Designation by the Clean Marina Program;

I. A plan for mitigation activities in the event that the environment is adversely affected;

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.

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.

Policy 9.1.5.2: 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 9.1.6: 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 9.1.6.1: 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 9.1.6.2: The City shall encourage the preservation of recreational and commercial working waterfronts as defined in section 342.07, F.S.

Policy 9.1.6.3: The City shall adopt Brevard County's marina siting criteria by 2022.

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 9.1.6.5: The City shall continue to seek County, state and federal programs to provide funding for purchase of riverfront property.

Policy 9.1.6.6: The City shall coordinate with the County to ensure bikeway linkages to waterfront parks and public water access.

Policy 9.1.6.7: 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 9.1.6.8: 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.

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 9.2.1.2: 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 increase of density for 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 9.2.4: 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 9.2.4.1: 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 9.2.4.3: 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 9.2.5.1: The City shall develop a City specific post-disaster redevelopment plan by 2024.

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.

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.

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 9.2.5.7: 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 9.2.5.8: 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 9.2.5.9: 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 9.2.6.3: 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 9.2.7.1: 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 9.2.7.2: 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 9.2.7.3: The City shall discourage development activities that have the potential of endangering historic resources located within the coastal planning area.

Policy 9.2.7.4: 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 9.2.7.5: 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 9.2.7.6: 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 9.2.7.7: 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 9.2.8: 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.

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 9.2.8.2: The level of service standards adopted in other elements of this Comprehensive Plan 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 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 9.2.8.6: 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.

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 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%.

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.

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 2018-2019 through 2022-2023, approved on 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.

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.

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.
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.

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, 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 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 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. Currently, the LOS for the School District is 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 (2018-2019 through 2022-2023) as approved by the School Board on October 23, 2018. Included therein shall be planned facilities and funding sources 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. 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 generally be evaluated on their impact to the City budget based on the following factors:

- Meet existing deficiencies;
- Provide repair or replacement of existing facilities;

- 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 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 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.
2) The project achieves compliance with a mandate or other legal obligation (contract/development order).
3) The project 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.
5) The project increases efficient use of existing facilities.
6) The project reduces future operating and maintenance costs and advances fiscal sustainability.
7) The project provides service to developed areas lacking full service.
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.
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 14.1.4.6: 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 Services, Finance, Public Works, and Utilities, and the Planning and Zoning Board. The review may include the following considerations as appropriate:

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 2018-2019 through FY 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

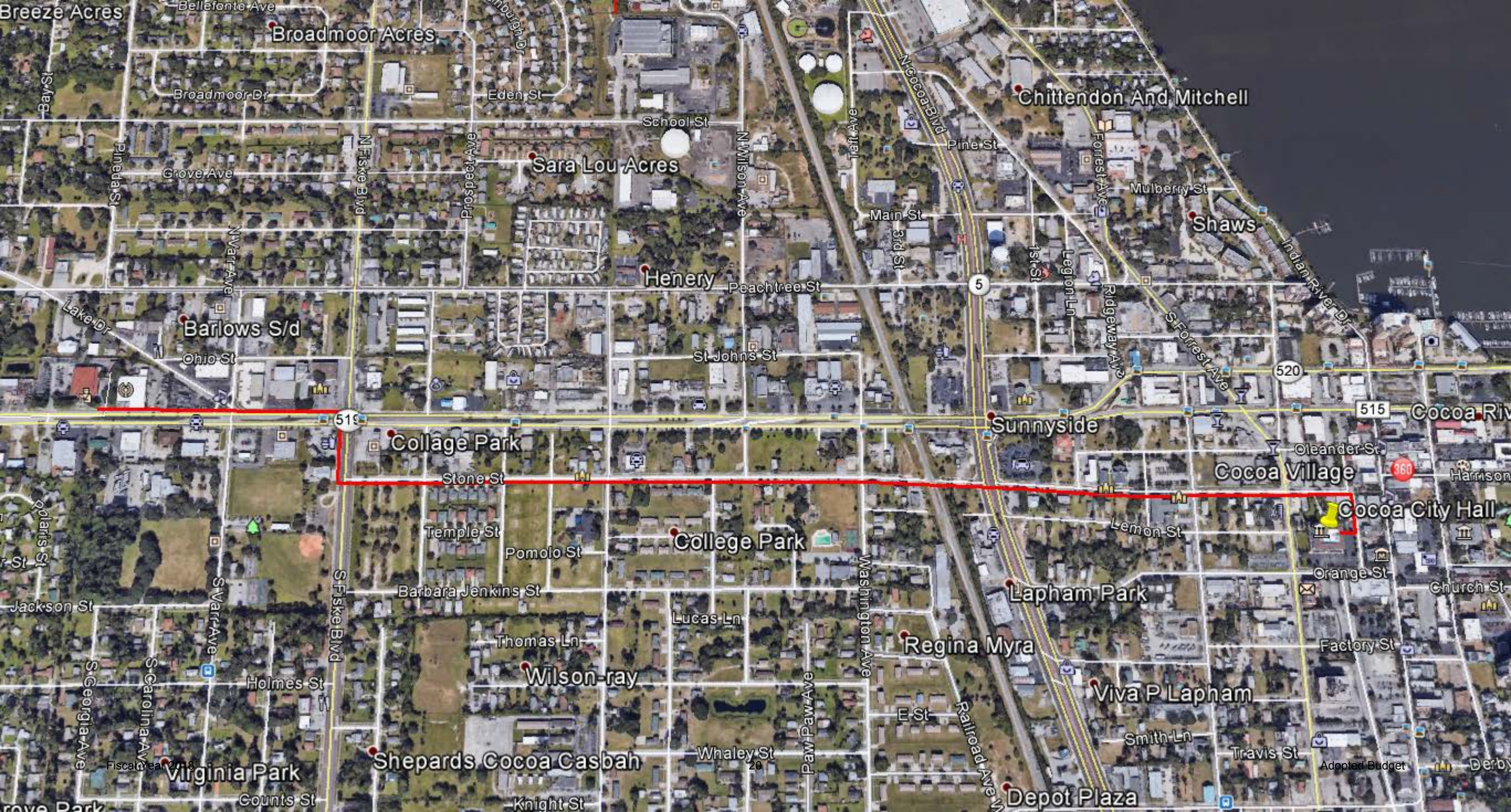
If project is bid out this propsal becomes null & void. A new proposal will be supplied with pricing specific to project and not palm coast contract rates.

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

This quote is subject to CDW's Terms and Conditions of Sales and Service Projects at http://www.cdwg.com/content/terms-conditions/product-sales.aspx
For more information, contact a CDW account manager

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QUOTE CONFIRMATION

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
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	

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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.
Limitation of Interest. Through the purchase of Physio products, services, or subscriptions, Buyer does not acquire any interest in any tooling, drawings, design information, computer programming, patents or copyrighted or confidential information related to said products or services, and Buyer expressly agrees not to reverse engineer or decompile such products or related software and information.
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.
Limited Warranty. Physio warrants its products and services in accordance with the terms of the limited warranties located at http://www.physio-control.com/Documents/. The remedies provided under such warranties shall be Buyer's sole and exclusive remedies. Physio makes no other warranties, express or implied, including, without limitation, **NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND IN NO EVENT SHALL PHYSIO BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL OR OTHER DAMAGES.**
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.
Choice of Law. The rights and obligations of Physio and Buyer related to the purchase and sale of products and services described in this document shall be governed by the laws of the state where Buyer is located. All costs and expenses incurred by the prevailing party related to enforcement of its rights under this document, including reasonable attorney's fees, shall be reimbursed by the other party.

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

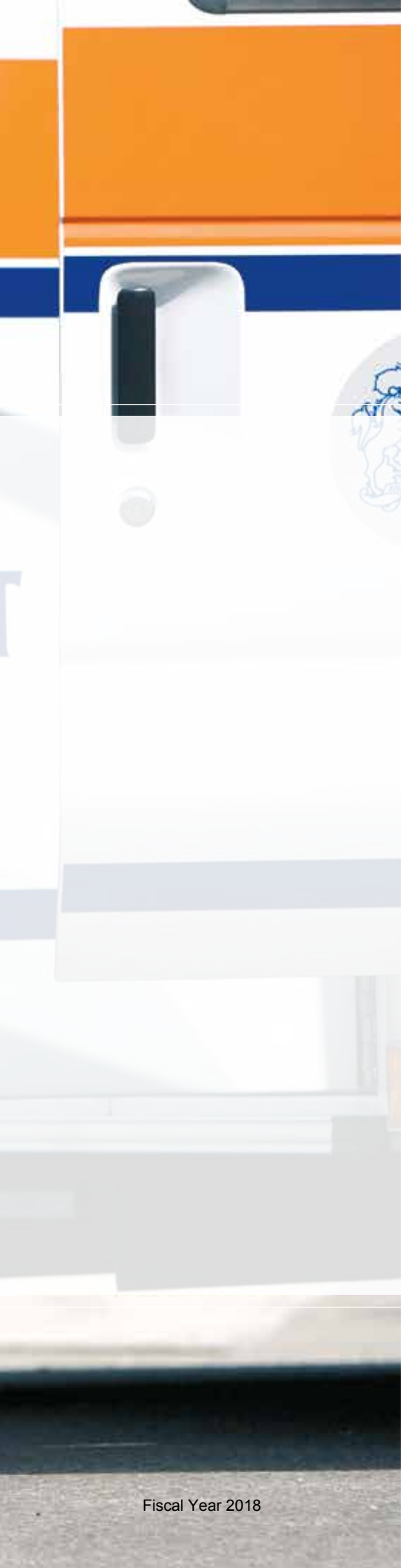


LIFEPAK® 15 MONITOR/DEFIBRILLATOR

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


FERNO | 93H PROfleet

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.

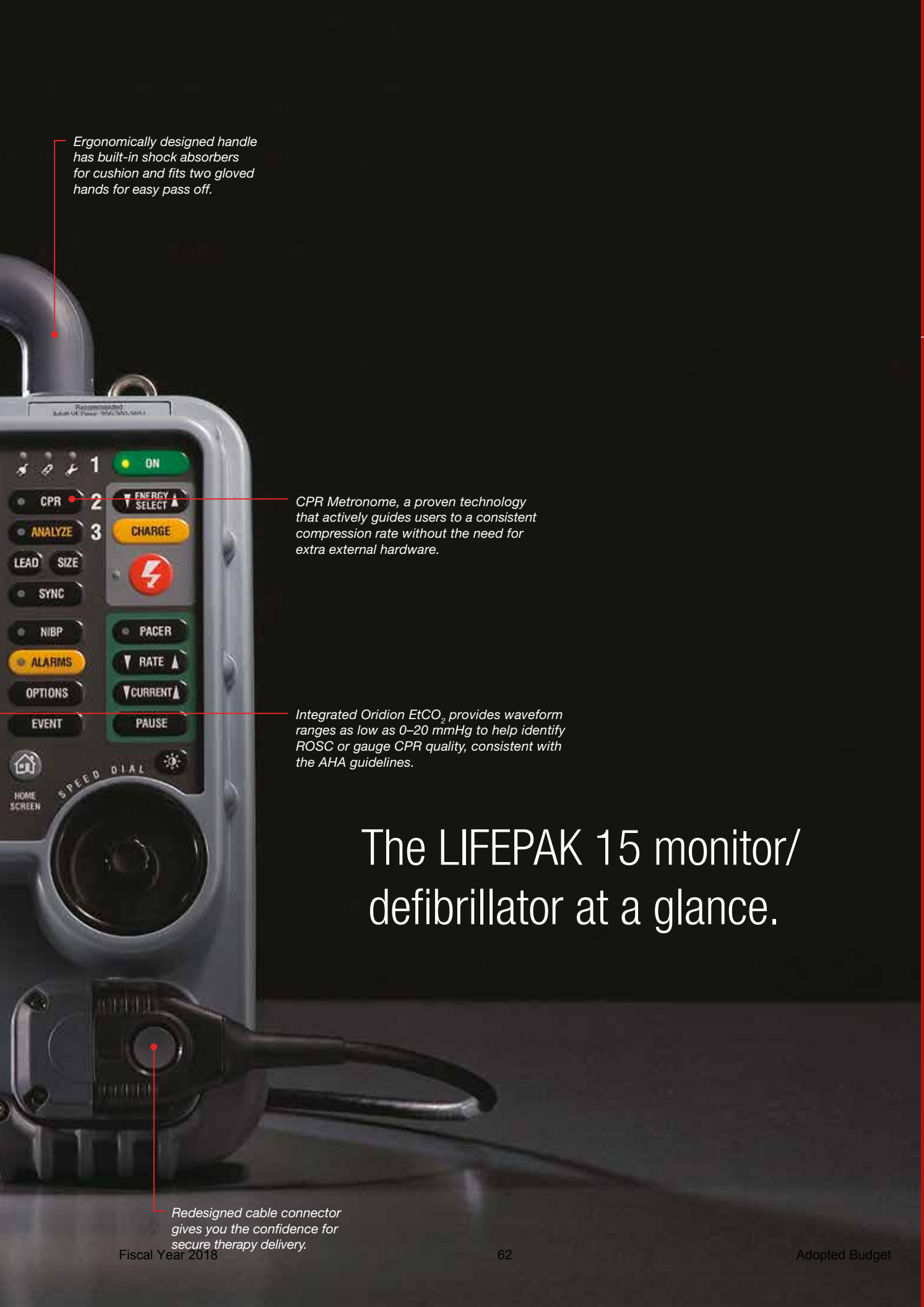
12-lead ECG transmissions via the LIFENET System and ST segment trend monitoring make the LIFEPAK 15 device a vital part of decreasing EMS-to-Balloon (E2B) response times.

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.



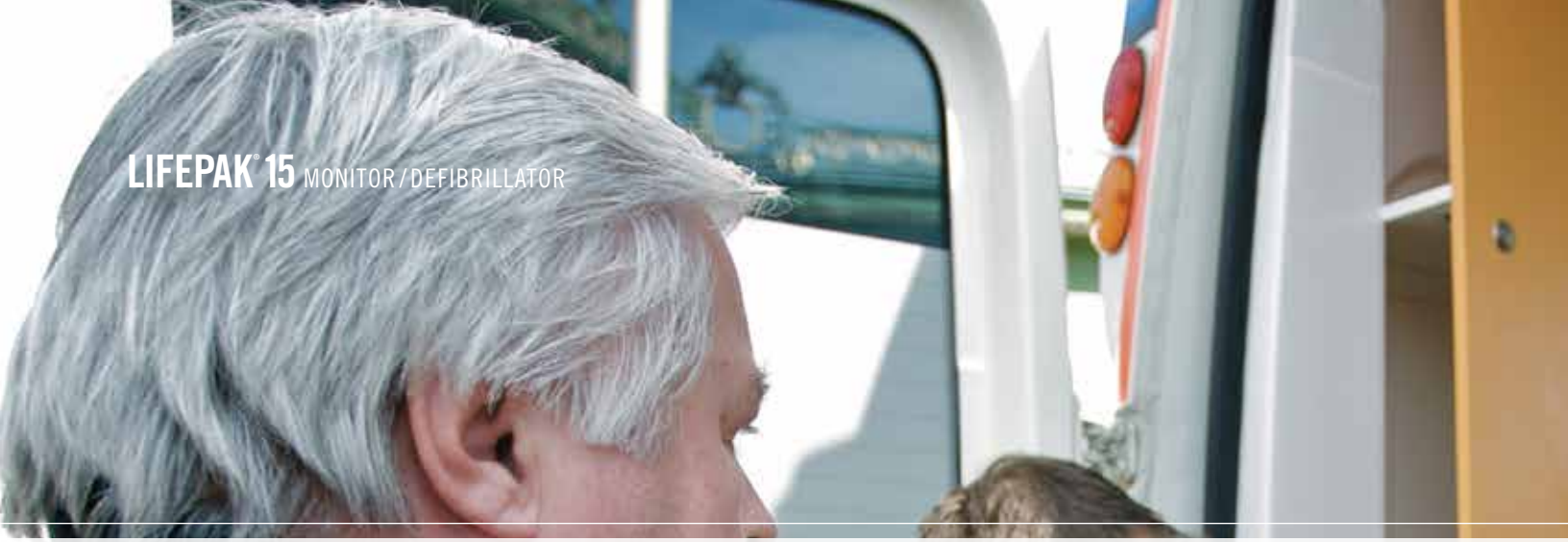
Ergonomically designed handle has built-in shock absorbers for cushion and fits two gloved hands for easy pass off.

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
LIFEPAK
FERNO | 93H PROFlex




3

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

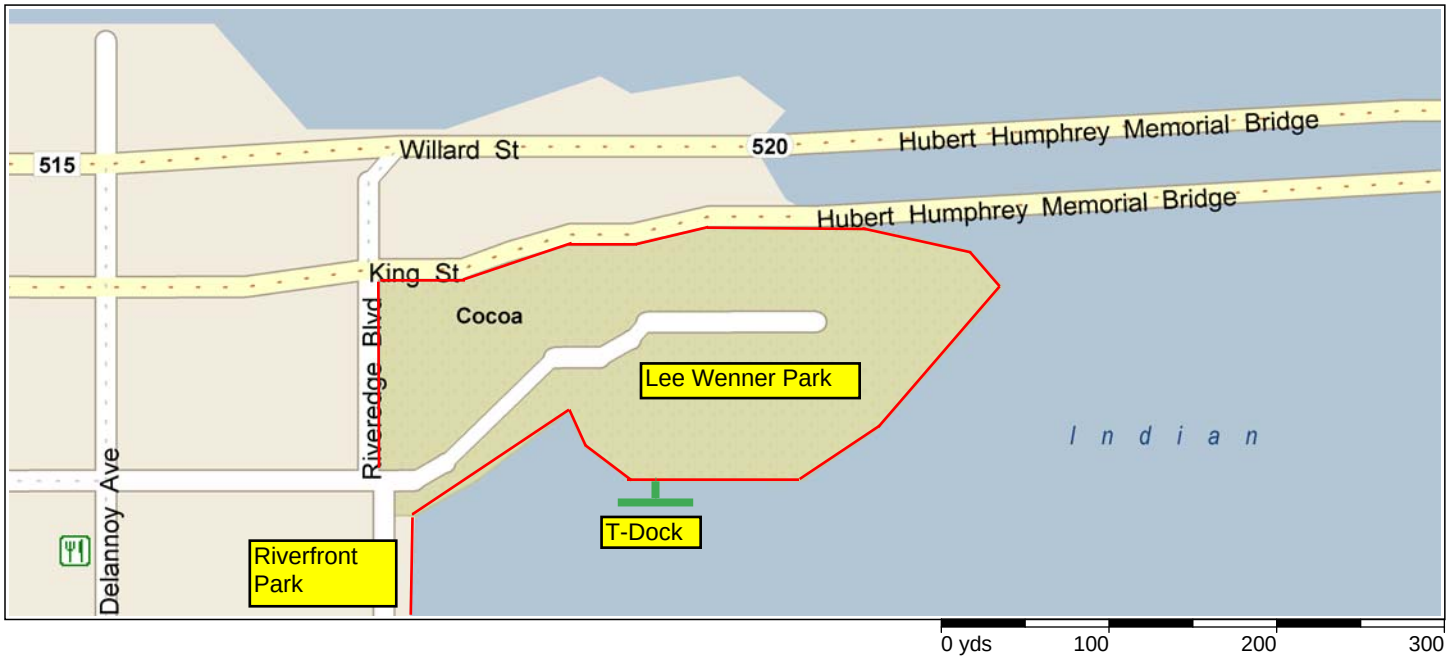
Docking Locations



*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	

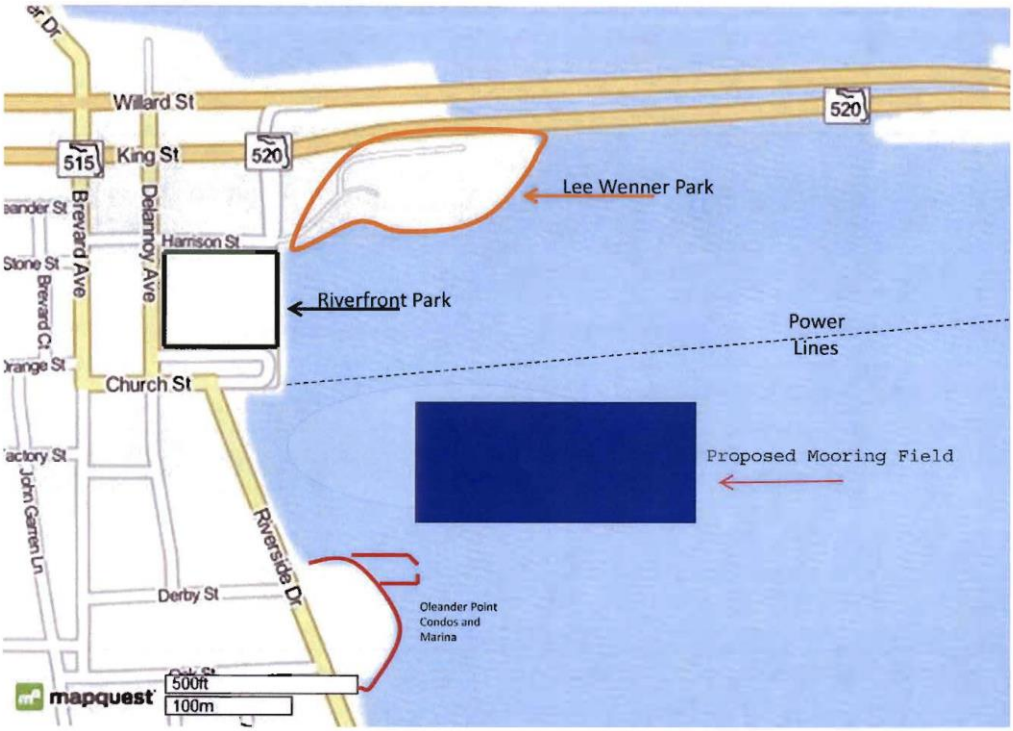
Financing Comments

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

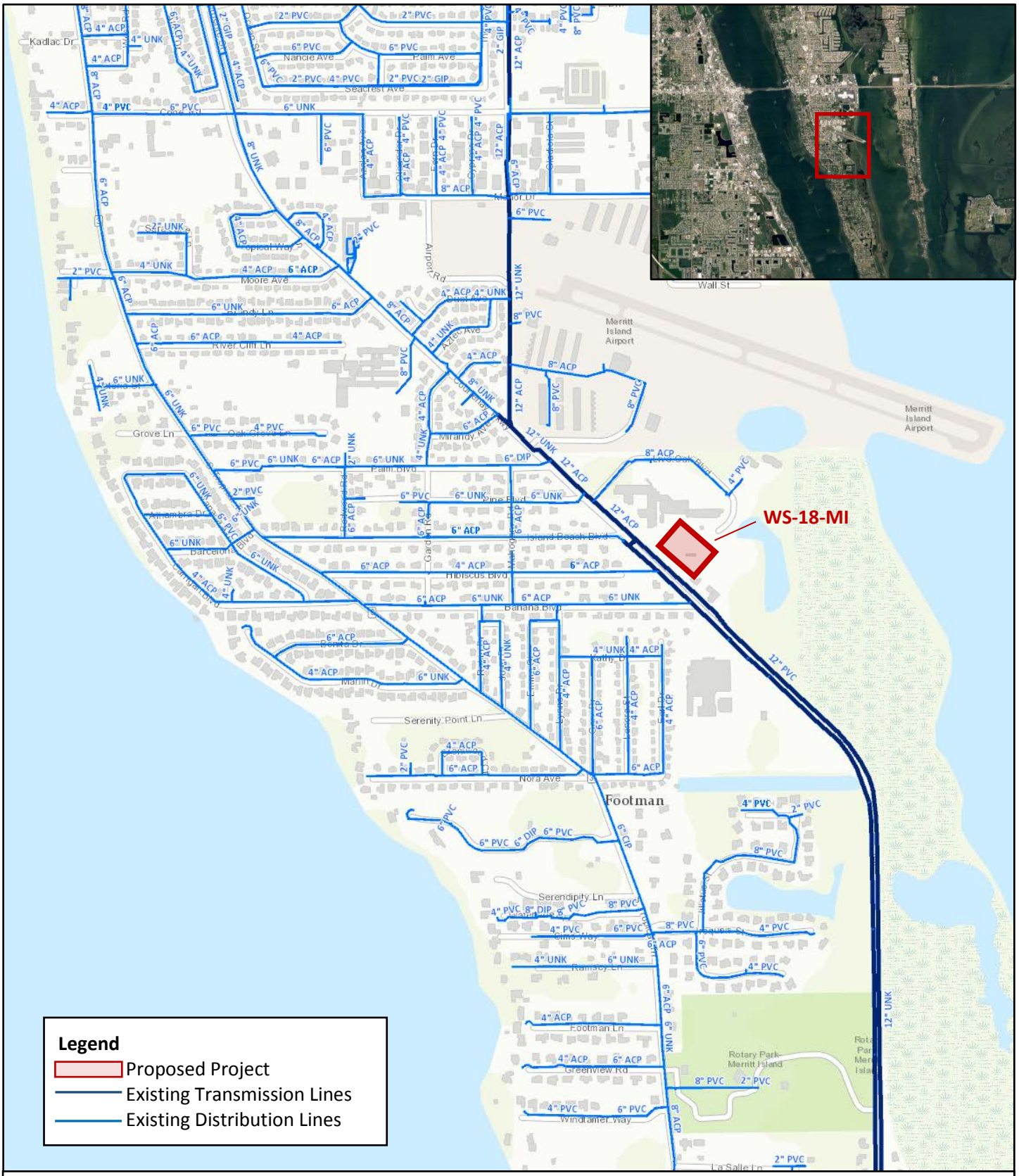
Financing Comments

$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

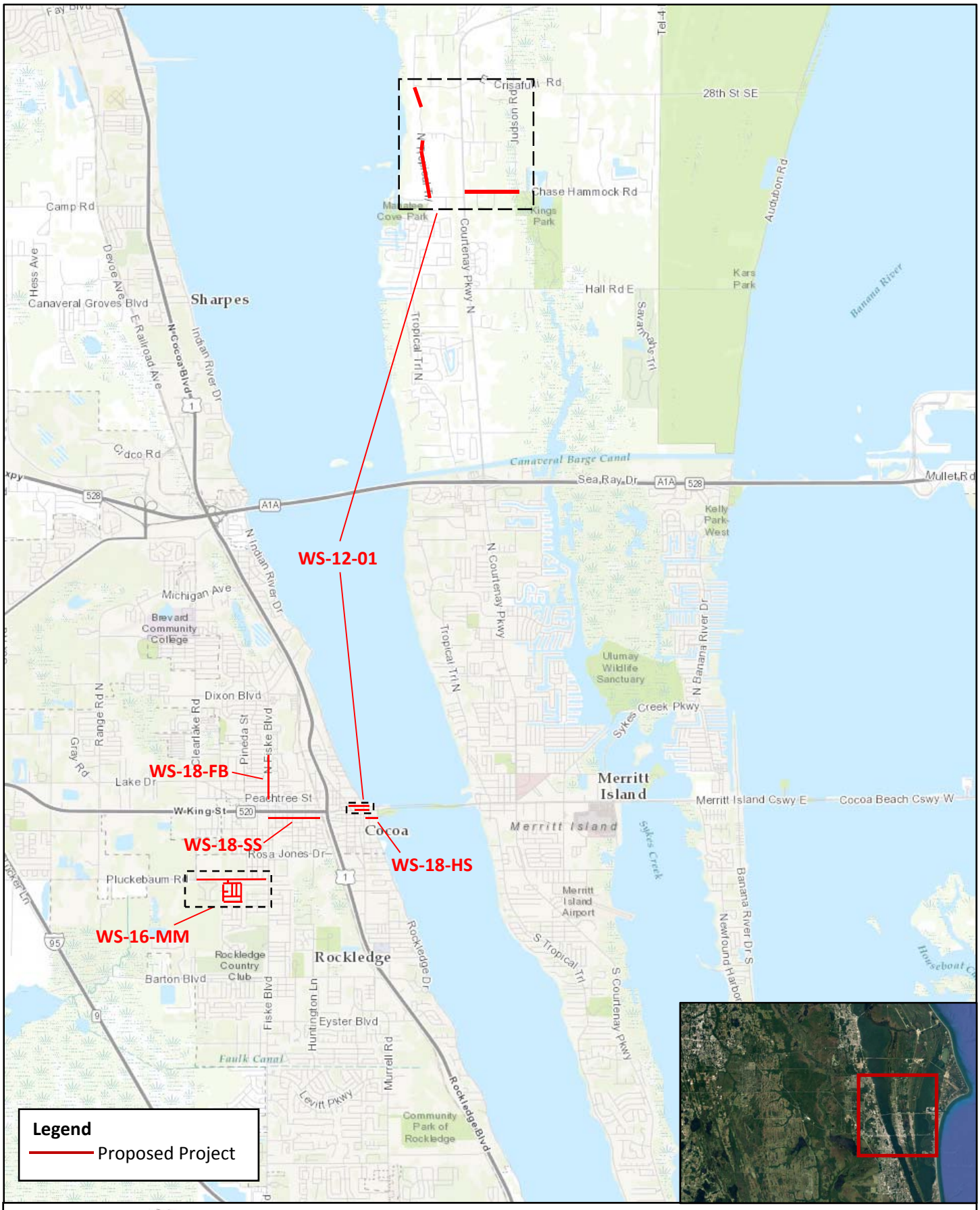
Capital Costs and Proposed Financing by Fiscal Year

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

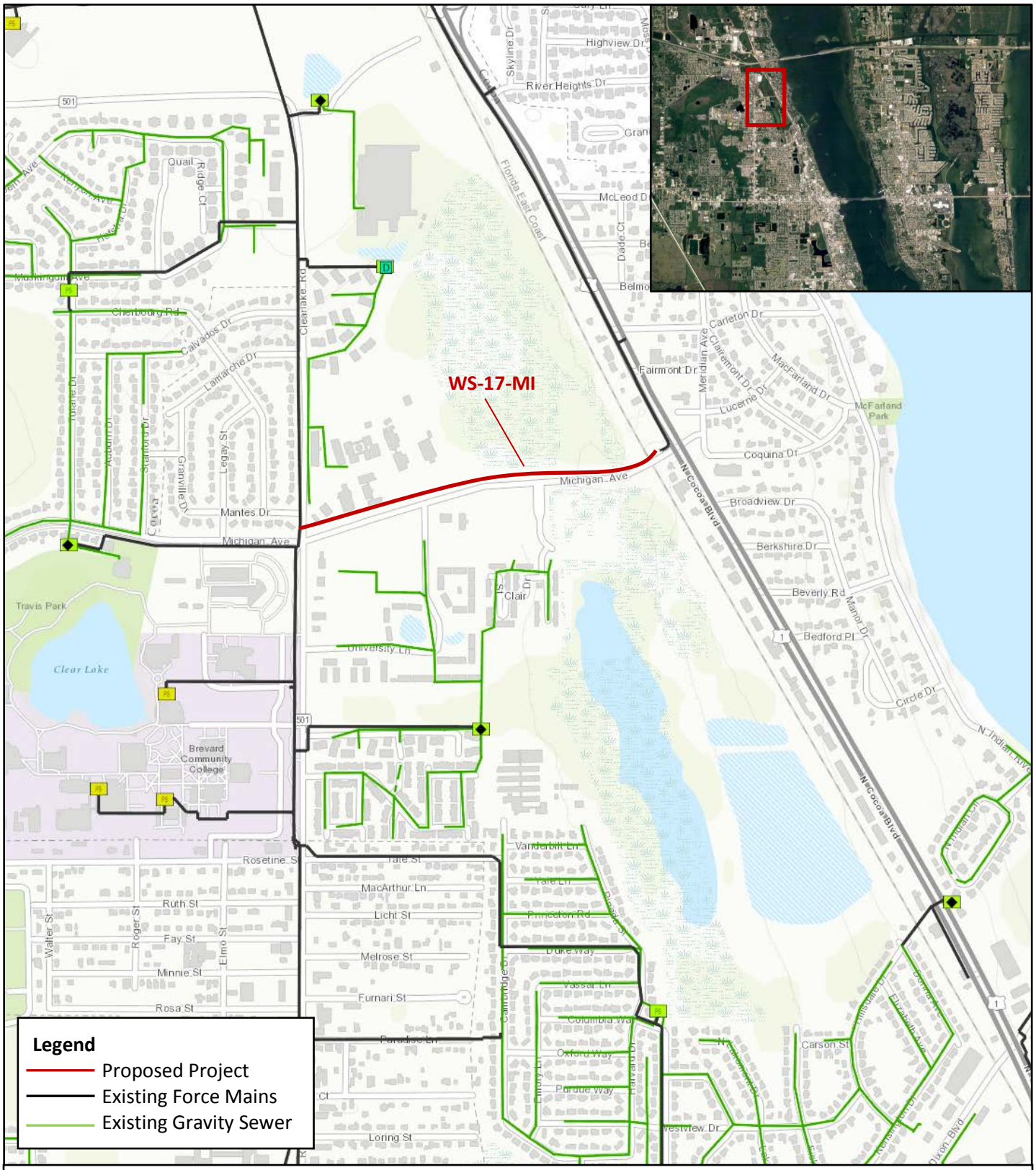
2018	$740,000	Revenue
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$0	$0 this FY
Total Capital Costs	$740,000	

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

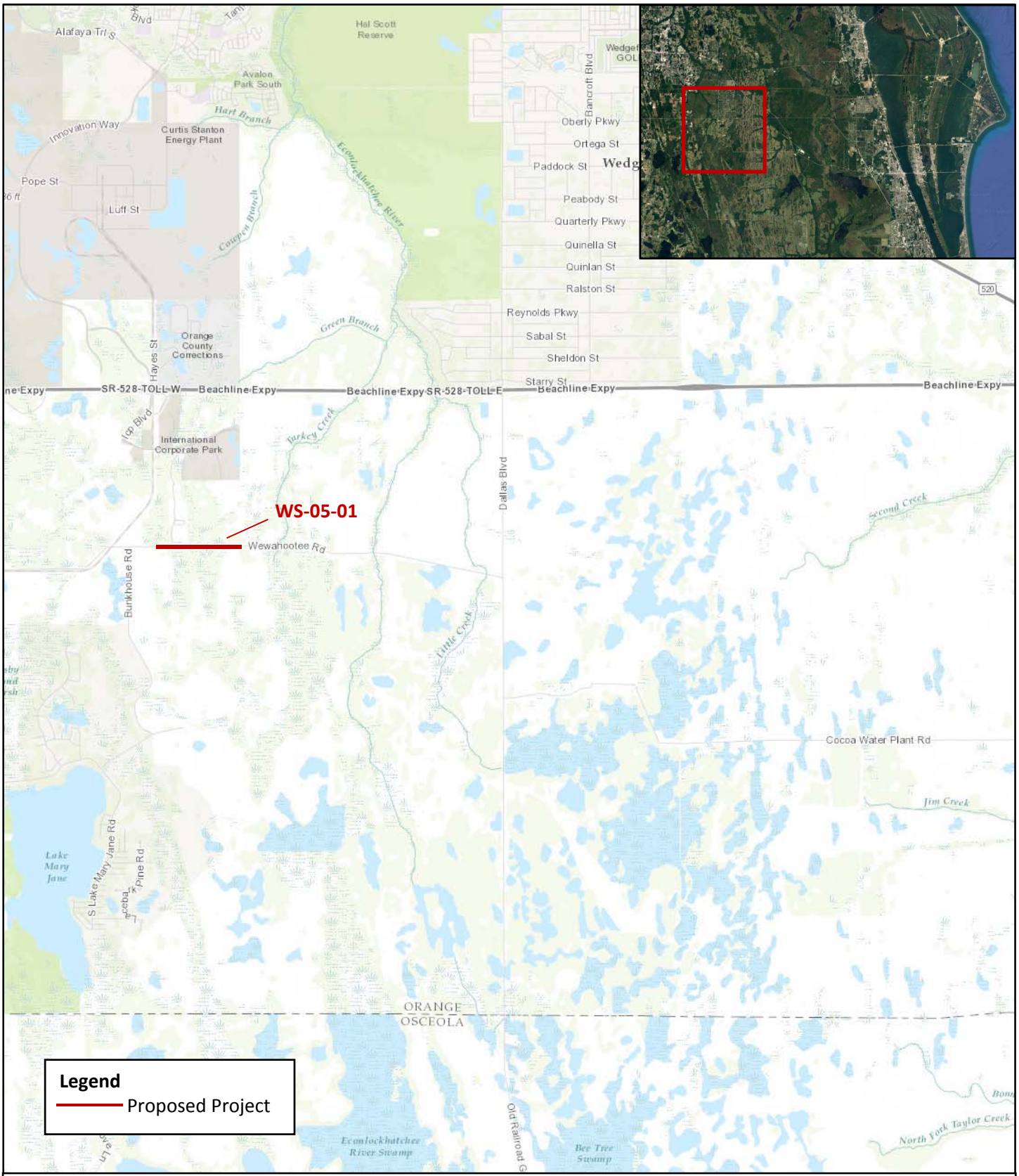
2018	$0	$0 this FY
2019	$0	$0 this FY
2020	$0	$0 this FY
2021	$0	$0 this FY
2022	$240,000	Revenue
Total Capital Costs	$240,000	

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

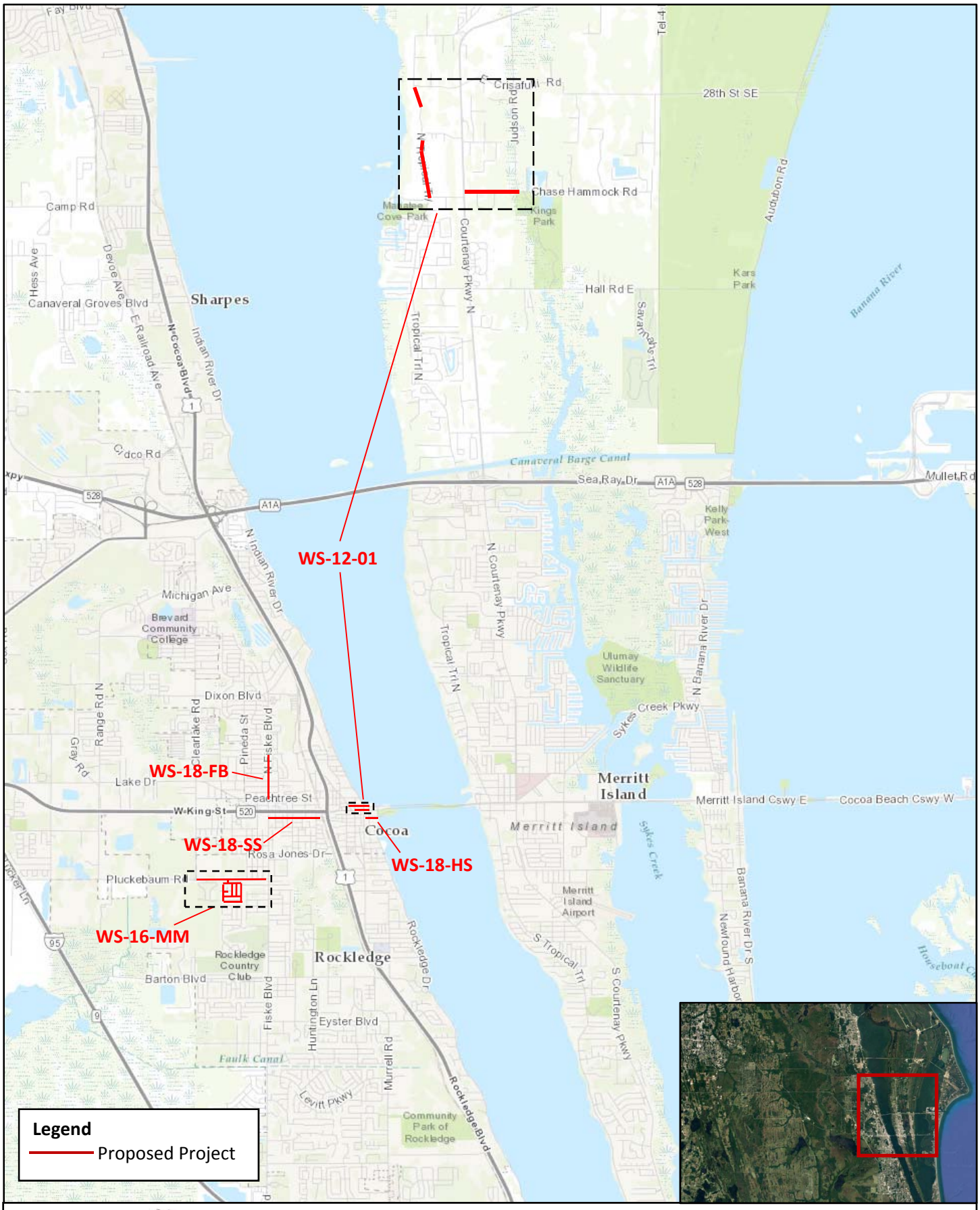
Capital Costs and Proposed Financing by Fiscal Year

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

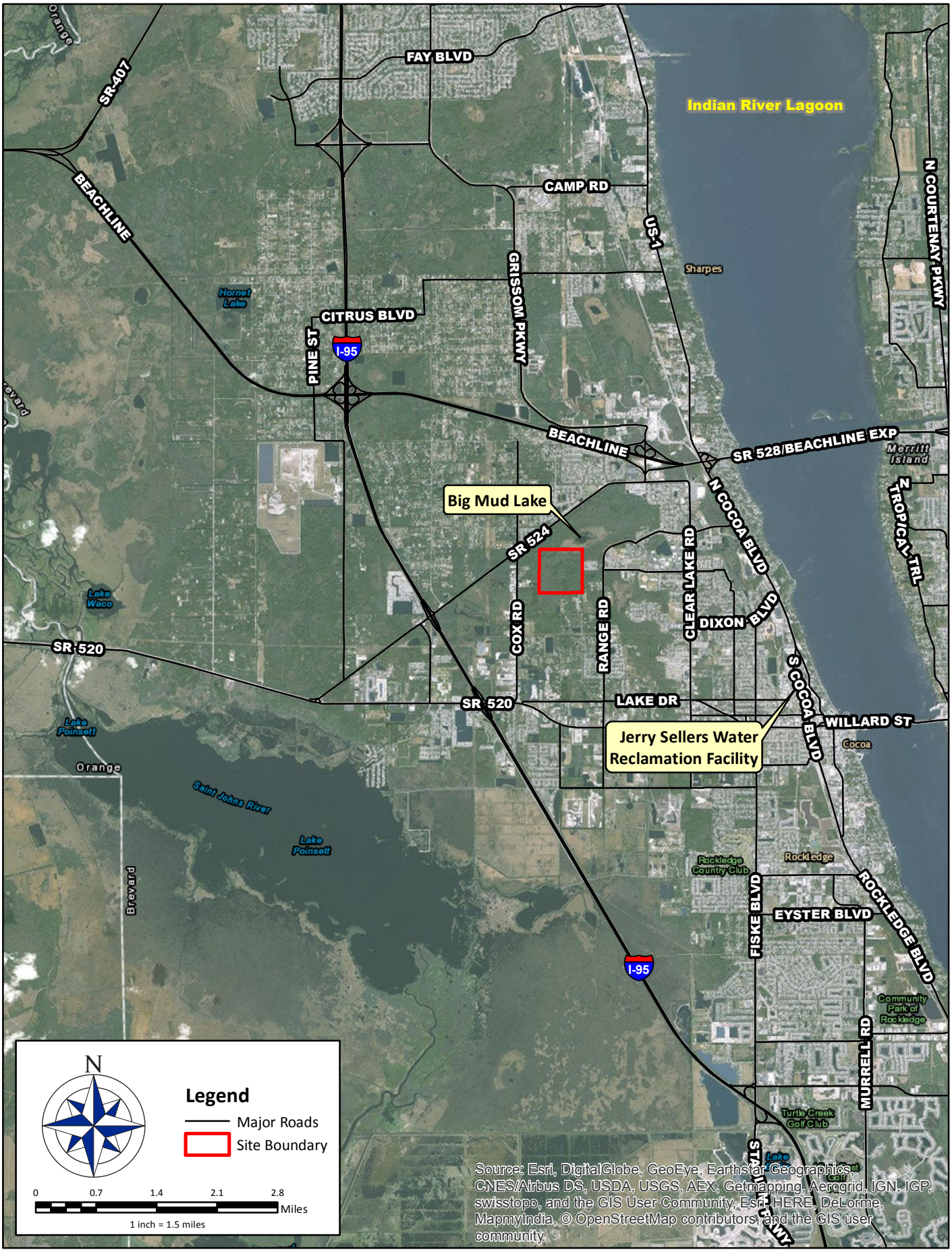
Capital Costs and Proposed Financing by Fiscal Year

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:

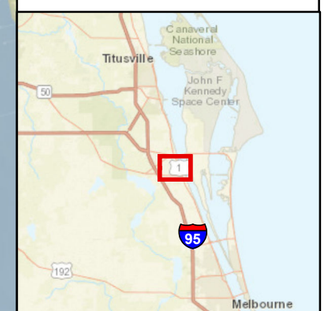
CDM Smith

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 ☐

FLORIDA TODAY
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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.: 0003782116
Pymt Method Invoice
Net Amt: $177.12

Run Times: 1

No. of Affidavits: 1

Run Dates: 09/12/19

Text of Ad:

AD #3782116 9/12/2019

CITY OF COCOA
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN THAT THE PLANNING & ZONING BOARD/LOCAL PLANNING AGENCY AND 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.

PLANNING & ZONING BOARD/ LOCAL PLANNING AGENCY
PUBLIC HEARING WILL BE HELD ON
TUESDAY, SEPTEMBER 24, 2019
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 THIS ITEM ON
WEDNESDAY, SEPTEMBER 25, 2019
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 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.

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: _____

Legislation Details (With Text)

File #:	19-445	**Version:**	1	**Name:**	
Type:	Resolution			**Status:**	Public Hearing
File created:	9/16/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	

Title: Approve Resolution 2019-084 adopting the Final Millage Rate of 5.9790 mills for the City of Cocoa Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020, which represents an increase of 3.36% over the rolled-back rate of 5.7844.

Approve Resolution 2019-085 adopting the Final Budget and CIP for the City of Cocoa for the Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020. (Finance Director)

Sponsors:

Indexes:

Code sections:

Attachments: Resolution Adopting the Final Millage Rate 2019-084.pdf
Resolution Adopting the Final Budget 2019-085.pdf
FY20 Proposed Budget Activity Summary Report (2019-09-19).pdf
FY20 Proposed Budget Catagory Summary Report (2019-09-19).pdf

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 16, 2019
Agenda Date: September 25, 2019
Prepared By: Lora Howell, Deputy Finance Director
Through: Rebecca Bowman, MBA, CFFO, CGFM, Finance Director
Requested Action:
Approve Resolution 2019-084 adopting the Final Millage Rate of 5.9790 mills for the City of Cocoa Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020, which represents an increase of 3.36% over the rolled-back rate of 5.7844.

Approve Resolution 2019-085 adopting the Final Budget and CIP for the City of Cocoa for the Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020.

BACKGROUND:

Resolution Adopting the Final Millage Rate

In accordance with Florida Statute 200.065, the City of Cocoa held a public hearing on September 11, 2019, at which time a tentative millage rate was set (Resolution 2019-079). Pursuant to this state statute, a public hearing must be held to adopt a final millage rate to fund the final budget for Fiscal Year 2020. On September 25th, 2019 the City of Cocoa will hold a final public hearing. At this hearing, the City Cocoa City Council must publically announce the percent of change by which the recomputed final millage rate exceeds the rolled-back rate computed pursuant to Florida Statutes

200.065(1). The tentative millage rate of 5.9790 voted by City Council on September 11, 2019, represents an increase of 3.36% over the rolled-back rate of 5.7844.

Resolution Adopting the Final Budget
In accordance with Florida Statue 200.065, upon holding a public hearing tentatively adopting a proposed millage rate, the City Council must adopt a tentative budget for Fiscal Year 2020, which commences on October 1, 2019 and ends September 30, 2020. On September 11, 2019, a tentative Budget (Resolution 2019-080) was adopted.

Proposed expenditures in the tentative budget including all funds, total $153,266,890. The budgeted amounts for the three major funds are as follows: the proposed General Fund budget is $40,031,626: the proposed Water/Sewer budget is $64,049,125 and the proposed Stormwater budget is $1,747,692. Ad Valorem proceeds included in the tentative budget are budgeted at 95% of the current year gross taxable value for operating purposes of $1,094,366,709, which equals $6,216,058.

STRATEGIC PLAN CONNECTION:

To provide for transparency during the Truth in Millage (TRIM) and Budget process for accountability to the tax payers of the City of Cocoa. Through the strategic planning process, the City committed to developing a financially sustainable revenue base to support and deliver high quality municipal services.

BUDGETARY IMPACT:

The proposed final millage rate of 5.9790 is projected to generate proceeds of $6,216,058. This projection is an increase of $719,322 over the prior year budgeted ad valorem proceeds

PREVIOUS ACTION:

At a Public Hearing on September 11, 2019, the City Council adopted a tentative millage rate with Resolution 2019-079 and a tentative budget with Resolution 2019-080.

RECOMMENDED MOTION:

Approve Resolution 2019-084 adopting the Final Millage Rate of 5.9790 mills for the City of Cocoa Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020, which represents an increase of 3.36% over the rolled-back rate of 5.7844.

Approve Resolution 2019-085 adopting the Final Budget and CIP for the City of Cocoa for the Fiscal Year 2020 commencing on October 1, 2019 and ending on September 30, 2020.

RESOLUTION NO. 2019-084

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY FLORIDA, ADOPTING A FINAL MILLAGE RATE FOR THE CITY OF COCOA FOR THE FISCAL YEAR COMMENCING OCTOBER 1, 2019, ANNOUNCING THE PERCENTAGE BY WHICH THE FINAL MILLAGE RATE EXCEEDS THE ROLLED-BACK RATE; PROVIDING FOR SEVERABILITY; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT RESOLUTIONS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, in accordance with *Florida Statute 200.065,* the City of Cocoa, Florida, held a public hearing on July 24, 2019, whereby a proposed tentative millage rate was established and the date, time, and place of a public hearing to consider the proposed millage was set; and

WHEREAS, *Florida Statute 200.065* requires that within 35 days of certification of value, each taxing authority shall advise the property appraiser of its proposed millage rate, of its rolled-back rate, and of the dates, time and place at which public hearings will be held to consider the proposed millage rate and tentative budget; and

WHEREAS, pursuant to this same statute a public hearing was held on September 11, 2019, for the purpose of adopting a tentative millage rate and a tentative budget for Fiscal Year 2019-2020; and

WHEREAS, the City of Cocoa has made any necessary recalculations to the tentative millage rate and tentative budget and desires to adopt the final millage rate, and announce the percentage by which the final millage rate exceeds the rolled-back rate, in accordance with this Resolution, which the City Council hereby deems in the best interests of the citizens of Cocoa.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COCOA, as follows:

SECTION 1. The Cocoa City Council adopts a final millage rate of 5.9790 for the Fiscal Year 2019-2020, which commences October 1, 2019, and ends September 30, 2020. The millage rate of 5.9790 represents 3.36% increase over the percent of change, of the rolled back rate of 5.7844.

SECTION 2. All prior resolutions or prior resolutions inconsistent with this resolution are hereby repealed to the extent of the conflict.

SECTION 3. If any section, subsection, sentence, clause, phrase, word, or portion of this resolution is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portion hereto.

SECTION 4. This resolution shall become effective immediately upon its adoption by the City Council of the City of Cocoa, Florida.

ADOPTED by the City Council of the City of Cocoa, Florida, in a Public Hearing assembled on the 25th day of September, 2019.

_____
Jake Williams, Mayor

ATTEST:

_____
Carie Shealy, MMC, City Clerk

RESOLUTION NO. 2019-085

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COCOA, FLORIDA, ADOPTING A FINAL BUDGET FOR THE CITY OF COCOA FOR THE FISCAL YEAR COMMENCING OCTOBER 1, 2019, AND ENDING SEPTEMBER 30, 2020; PROVIDING FOR SEVERABILITY; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT RESOLUTIONS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, in accordance with *Florida Statute 200.065,* the City of Cocoa, Florida, held a public hearing on July 24, 2019, whereby a proposed tentative millage rate was adopted; and

WHEREAS, pursuant to this same statute a public hearing was held on September 11, 2019, for purposes of adopting a tentative millage rate and tentative budget for Fiscal Year 2019-2020; and

WHEREAS, the City of Cocoa City Council desires to adopt a final budget for Fiscal Year 2019-2020.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COCOA, as follows:

SECTION 1. Having adopted a final millage rate of 5.9790 for the City of Cocoa Fiscal Year 2019-2020, the City Council hereby adopts a final budget as may be amended for Fiscal Year 2019-2020, which commences October 1, 2019, and ends September 30, 2020.

SECTION 2. Proposed expenditures in the final budget total $153,266,890 Ad Valorem proceeds included in the tentative budget are budgeted for operating purposes at 95% ($6,216,058) of the current year gross taxable value of $1,094,366,709.

SECTION 3. All prior resolutions or prior resolutions inconsistent with this resolution are hereby repealed to the extent of the conflict.

SECTION 4. If any section, subsection, sentence, clause, phrase, word, or portion of this resolution is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portion hereto.

SECTION 5. This resolution shall become effective immediately upon its adoption by the City Council of the City of Cocoa, Florida.

ADOPTED by the City Council of the City of Cocoa, Florida, in a Public Hearing assembled on the 25th day of September, 2019.

_____
Jake Williams, Mayor

ATTEST:

_____
Carie Shealy, MMC, City Clerk

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
REVENUE					
GENERAL FUND					
*	TAXES	9,684,925-	8,200,129-	7,922,893-	7,235,164-
*	OTHER PERMITS & FEES	4,566,282-	3,342,581-	3,307,073-	4,251,667-
*	INTERGOVERNMENTAL REVENUE	2,220,251-	2,367,439-	2,527,937-	3,412,544-
*	CHARGES FOR SERVICES	12,080,557-	11,529,432-	11,216,498-	11,074,413-
*	FINES AND FORFEITURES	20,930-	26,000-	34,056-	23,716-
*	MISCELLANEOUS REVENUES	1,169,588-	944,938-	1,567,886-	1,093,341-
*	OTHER SOURCES(NON-REV)	10,289,093-	20,930,802-	7,468,182-	15,994,944-
**	GENERAL FUND	40,031,626-	47,341,321-	34,044,525-	43,085,789-
CDBG					
*	INTERGOVERNMENTAL REVENUE	226,797-	358,084-	140,195-	195,121-
*	MISCELLANEOUS REVENUES	0	0	22,499-	16,234-
*	OTHER SOURCES(NON-REV)	6,339-	2,287,735-	0	0
**	CDBG	233,136-	2,645,819-	162,694-	211,355-
BREVARD COUNTY HOME					
*	INTERGOVERNMENTAL REVENUE	192,066-	136,195-	585,680-	236,362-
*	MISCELLANEOUS REVENUES	0	0	27-	98-
*	OTHER SOURCES(NON-REV)	310,279-	310,278-	0	0
**	BREVARD COUNTY HOME	502,345-	446,473-	585,707-	236,460-
SHIP/COCOA HOUSING TRUST					
*	INTERGOVERNMENTAL REVENUE	43,074-	27,919-	84,675-	220,421-
*	MISCELLANEOUS REVENUES	0	0	134-	213-
*	OTHER SOURCES(NON-REV)	0	200,295-	0	0
**	SHIP/COCOA HOUSING TRUST	43,074-	228,214-	84,809-	220,634-
CRA COCOA RDA					
*	INTERGOVERNMENTAL REVENUE	1,348,257-	1,448,703-	1,185,970-	1,216,720-
*	MISCELLANEOUS REVENUES	39,027-	39,027-	41,704-	41,107-
*	OTHER SOURCES(NON-REV)	6,637,300-	15,075-	0	0

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
**	CRA COCOA RDA	8,024,584-	1,502,805-	1,227,674-	1,257,827-
	CRA DIAMOND SQUARE 626				
*	INTERGOVERNMENTAL REVENUE	257,312-	206,157-	151,037-	115,766-
*	MISCELLANEOUS REVENUES	0	0	8,244-	4,178-
**	CRA DIAMOND SQUARE 626	257,312-	206,157-	159,281-	119,944-
	CRA US1 CORRIDOR				
*	INTERGOVERNMENTAL REVENUE	204,832-	342,839-	180,501-	131,986-
*	MISCELLANEOUS REVENUES	0	0	188-	73-
**	CRA US1 CORRIDOR	204,832-	342,839-	180,689-	132,059-
	POLICE CONFISCATED FUND				
*	FINES AND FORFEITURES	0	0	5,561-	14,565-
*	MISCELLANEOUS REVENUES	0	0	10,555-	119-
*	OTHER SOURCES(NON-REV)	0	12,488-	0	0
**	POLICE CONFISCATED FUND	0	12,488-	16,116-	14,684-
	POLICE SPECIAL EDUCATION				
*	FINES AND FORFEITURES	4,500-	4,000-	4,026-	3,903-
*	MISCELLANEOUS REVENUES	0	0	27-	18-
**	POLICE SPECIAL EDUCATION	4,500-	4,000-	4,053-	3,921-
	DEBT SERVICE FUND				
*	TAXES	0	571,342-	570,938-	633,123-
*	OTHER PERMITS & FEES	0	813,211-	815,611-	753,851-
*	MISCELLANEOUS REVENUES	0	0	2,646-	1,964-
*	OTHER SOURCES(NON-REV)	1,783,246-	361,603-	82,559-	0
**	DEBT SERVICE FUND	1,783,246-	1,746,156-	1,471,754-	1,388,938-
	CAPITAL PROJECTS FUND				
*	MISCELLANEOUS REVENUES	0	0	2,805-	6,325-
*	OTHER SOURCES(NON-REV)	91,626-	3,562,307-	472,872-	8,354,186-
**	CAPITAL PROJECTS FUND	91,626-	3,562,307-	475,677-	8,360,511-
	RIVERFRONT/LEE WENNER PK				
*	INTERGOVERNMENTAL REVENUE	0	652,100-	0	0

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	OTHER SOURCES(NON-REV)	0	2,048,740-	0	0
**	RIVERFRONT/LEE WENNER PK	0	2,700,840-	0	0
	FISKE BV CMPLT STRTSCAPE				
*	OTHER SOURCES(NON-REV)	0	1,500,000-	0	0
**	FISKE BV CMPLT STRTSCAPE	0	1,500,000-	0	0
	WATER/SEWER ENTERPRISE				
*	OTHER PERMITS & FEES	2,264,715-	2,075,989-	3,129,936-	1,706,308-
*	INTERGOVERNMENTAL REVENUE	0	0	611,348-	762,202-
*	CHARGES FOR SERVICES	63,076,683-	57,603,822-	59,180,536-	57,897,767-
*	MISCELLANEOUS REVENUES	146,300-	225,039-	275,635-	235,178-
*	OTHER SOURCES(NON-REV)	1,438,573	9,403,435-	3,334,120-	4,998,930-
**	WATER/SEWER ENTERPRISE	64,049,125-	69,308,285-	66,531,575-	65,600,385-
	STORMWATER UTILITY				
*	OTHER PERMITS & FEES	1,747,692-	0	0	0
*	INTERGOVERNMENTAL REVENUE	0	20,856-	56,635-	55,801-
*	CHARGES FOR SERVICES	0	1,479,710-	1,545,918-	1,481,312-
*	MISCELLANEOUS REVENUES	0	3,000-	6,842-	2,080
*	OTHER SOURCES(NON-REV)	0	90,920-	101,988-	43,565-
**	STORMWATER UTILITY	1,747,692-	1,594,486-	1,711,383-	1,578,598-
	W/S RESTRICTED ASSETS				
*	MISCELLANEOUS REVENUES	0	0	113,056-	81,099-
*	OTHER SOURCES(NON-REV)	9,761,950-	11,194,729-	8,696,802-	8,868,913-
**	W/S RESTRICTED ASSETS	9,761,950-	11,194,729-	8,809,858-	8,950,012-
	WS CPTL PROJ 2018B				
*	OTHER SOURCES(NON-REV)	18,567,036-	26,717,181-	0	0
**	WS CPTL PROJ 2018B	18,567,036-	26,717,181-	0	0
	WORKERS COMPENSATION FUND				
*	CHARGES FOR SERVICES	1,217,552-	1,167,827-	1,057,867-	1,068,142-
*	MISCELLANEOUS REVENUES	0	258,000-	1,535,805-	230,472-

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	OTHER SOURCES(NON-REV)	0	0	105,921-	0
**	WORKERS COMPENSATION FUND	1,217,552-	1,425,827-	2,699,593-	1,298,614-
	HEALTH INSURANCE FUND				
*	CHARGES FOR SERVICES	6,747,254-	6,849,173-	5,826,507-	4,882,954-
*	MISCELLANEOUS REVENUES	0	0	57,573-	15,997-
**	HEALTH INSURANCE FUND	6,747,254-	6,849,173-	5,884,080-	4,898,951-
	GENERAL RETIREMENT FUND				
*	MISCELLANEOUS REVENUES	0	0	2,148,673-	2,310,581-
**	GENERAL RETIREMENT FUND	0	0	2,148,673-	2,310,581-
	401A RETIREMENT FUND				
*	MISCELLANEOUS REVENUES	0	0	484,024-	517,874-
**	401A RETIREMENT FUND	0	0	484,024-	517,874-
	POLICE RETIREMENT FUND				
*	MISCELLANEOUS REVENUES	0	0	3,193,615-	3,741,746-
**	POLICE RETIREMENT FUND	0	0	3,193,615-	3,741,746-
	FIRE RETIREMENT FUND				
*	MISCELLANEOUS REVENUES	0	0	3,702,266-	3,715,804-
**	FIRE RETIREMENT FUND	0	0	3,702,266-	3,715,804-
	GENERAL FIXED ASSET GP				
*	MISCELLANEOUS REVENUES	0	0	14,406	34,211
**	GENERAL FIXED ASSET GP	0	0	14,406	34,211
***	REVENUE	153,266,890-	179,329,100-	133,563,640-	147,610,476-
	EXPENDITURE				
	GENERAL FUND				
*	EXECUTIVE	13,750,212	13,405,999	11,241,562	10,694,155
*	PUBLIC SAFETY	16,736,963	16,713,557	14,718,432	14,783,958
*	WATER SEWER	4,048,123	3,824,151	3,478,335	3,411,570
*	TRANSPORTATION	2,076,731	1,307,595	1,680,309	2,926,464
*	ECONOMIC ENVIRONMENT	142,701	2,457,499	375,521	516,689
*	SPECIAL EVENTS	1,493,650	1,543,964	1,295,548	1,295,850

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	NONEXPENDITURE DISBURSEMT	1,783,246	8,088,556	621,682	10,282,352
**	GENERAL FUND	40,031,626	47,341,321	33,411,389	43,911,038
	CDBG				
*	EXECUTIVE	0	19,937	0	0
*	ECONOMIC ENVIRONMENT	233,136	2,625,882	145,971	198,130
**	CDBG	233,136	2,645,819	145,971	198,130
	BREVARD COUNTY HOME				
*	ECONOMIC ENVIRONMENT	502,345	446,473	104,509	530,810
**	BREVARD COUNTY HOME	502,345	446,473	104,509	530,810
	SHIP/COCOA HOUSING TRUST				
*	ECONOMIC ENVIRONMENT	43,074	228,214	71,254	88,662
**	SHIP/COCOA HOUSING TRUST	43,074	228,214	71,254	88,662
	CRA COCOA RDA				
*	ECONOMIC ENVIRONMENT	7,675,700	1,083,188	785,249	483,350
*	NONEXPENDITURE DISBURSEMT	348,884	419,617	94,476	70,057
**	CRA COCOA RDA	8,024,584	1,502,805	879,725	553,407
	CRA DIAMOND SQUARE 626				
*	ECONOMIC ENVIRONMENT	257,312	206,157	126,127	92,198
**	CRA DIAMOND SQUARE 626	257,312	206,157	126,127	92,198
	CRA US1 CORRIDOR				
*	ECONOMIC ENVIRONMENT	204,832	342,839	183,459	133,178
**	CRA US1 CORRIDOR	204,832	342,839	183,459	133,178
	POLICE CONFISCATED FUND				
*	PUBLIC SAFETY	0	12,488	8,871	0
**	POLICE CONFISCATED FUND	0	12,488	8,871	0
	POLICE SPECIAL EDUCATION				
*	PUBLIC SAFETY	4,500	4,000	0	375
**	POLICE SPECIAL EDUCATION	4,500	4,000	0	375
	DEBT SERVICE FUND				
*	EXECUTIVE	1,783,246	1,746,156	1,752,618	1,659,761
**	DEBT SERVICE FUND	1,783,246	1,746,156	1,752,618	1,659,761
	CAPITAL PROJECTS FUND				

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	EXECUTIVE	91,626	3,559,507	4,514,444	4,174,358
*	NONEXPENDITURE DISBURSEMT	0	2,800	100,000	0
**	CAPITAL PROJECTS FUND	91,626	3,562,307	4,614,444	4,174,358
	RIVERFRONT/LEE WENNER PK				
*	SPECIAL EVENTS	0	2,700,840	0	0
**	RIVERFRONT/LEE WENNER PK	0	2,700,840	0	0
	FISKE BV CMPLT STRTSCAPE				
*	TRANSPORTATION	0	1,500,000	0	0
**	FISKE BV CMPLT STRTSCAPE	0	1,500,000	0	0
	WATER/SEWER ENTERPRISE				
*	PUBLIC SAFETY	0	0	2,260	690,806
*	WATER SEWER	46,078,202	49,746,271	43,858,137	41,516,019
*	NONEXPENDITURE DISBURSEMT	17,970,923	19,562,014	15,918,560	15,409,972
**	WATER/SEWER ENTERPRISE	64,049,125	69,308,285	59,778,957	57,616,797
	STORMWATER UTILITY				
*	PUBLIC SAFETY	0	0	0	22,321
*	WATER SEWER	1,747,692	1,594,486	1,218,376	1,129,849
*	NONEXPENDITURE DISBURSEMT	0	0	9,595	0
**	STORMWATER UTILITY	1,747,692	1,594,486	1,227,971	1,152,170
	W/S RESTRICTED ASSETS				
*	EXECUTIVE	5,490,388	0	0	0
*	NONEXPENDITURE DISBURSEMT	0	11,194,729	4,084,510	4,342,861
*	PROPRIETARY FUNDS	4,271,562	0	0	0
**	W/S RESTRICTED ASSETS	9,761,950	11,194,729	4,084,510	4,342,861
	WS CPTL PROJ 2018B				
*	WATER SEWER	18,567,036	23,846,285	0	0
*	NONEXPENDITURE DISBURSEMT	0	2,870,896	0	0
**	WS CPTL PROJ 2018B	18,567,036	26,717,181	0	0
	WORKERS COMPENSATION FUND				
*	EXECUTIVE	1,217,552	1,425,827	2,925,305	1,346,867

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
**	WORKERS COMPENSATION FUND	1,217,552	1,425,827	2,925,305	1,346,867
	HEALTH INSURANCE FUND				
*	EXECUTIVE	6,747,254	6,849,173	6,526,121	5,076,204
**	HEALTH INSURANCE FUND	6,747,254	6,849,173	6,526,121	5,076,204
	GENERAL RETIREMENT FUND				
*	EXECUTIVE	0	0	1,292,430	1,454,702
**	GENERAL RETIREMENT FUND	0	0	1,292,430	1,454,702
	401A RETIREMENT FUND				
*	EXECUTIVE	0	0	329,563	63,941
**	401A RETIREMENT FUND	0	0	329,563	63,941
	POLICE RETIREMENT FUND				
*	PUBLIC SAFETY	0	0	1,966,102	2,257,692
**	POLICE RETIREMENT FUND	0	0	1,966,102	2,257,692
	FIRE RETIREMENT FUND				
*	PUBLIC SAFETY	0	0	1,777,882	1,681,596
**	FIRE RETIREMENT FUND	0	0	1,777,882	1,681,596
	GENERAL FIXED ASSET GP				
*	EXECUTIVE	0	0	1,596,153	1,210,736
*	PUBLIC SAFETY	0	0	873,984	838,043
*	WATER SEWER	0	0	3,011	3,011
*	TRANSPORTATION	0	0	132,474	129,012
*	ECONOMIC ENVIRONMENT	0	0	141,845	144,375
*	SPECIAL EVENTS	0	0	151,518	151,571
**	GENERAL FIXED ASSET GP	0	0	2,898,985	2,476,748
	GENERAL FIXED RDA				
*	ECONOMIC ENVIRONMENT	0	0	33,715	31,043
**	GENERAL FIXED RDA	0	0	33,715	31,043
	GENERAL LONG TERM DEBT GP				
*	EXECUTIVE	0	0	521,899	0
*	PUBLIC SAFETY	0	0	739,432	0

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
**	GENERAL LONG TERM DEBT GP	0	0	1,261,331	0
***	EXPENDITURE	153,266,890	179,329,100	125,401,239	128,842,538
		0	0	8,162,401-	18,767,938-

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
GENERAL FUND					
*		40,031,626-	47,341,321-	34,044,525-	43,085,789-
**	REVENUE	40,031,626-	47,341,321-	34,044,525-	43,085,789-
*	SALARIES AND BENEFITS	24,958,697	23,418,487	21,122,965	20,052,946
*	OPERATING	11,411,000	10,967,604	8,585,852	9,288,643
*	CAPITAL	697,889	1,714,015	2,238,824	3,490,496
*	DEBT SERVICE	0	0	0	9,928,053
*	GRANTS AND AIDS	1,180,794	3,152,659	842,066	796,601
*	OTHER USES	1,783,246	8,088,556	621,682	354,299
**	EXPENDITURE	40,031,626	47,341,321	33,411,389	43,911,038
***	GENERAL FUND	0	0	633,136-	825,249
CDBG					
*		233,136-	2,645,819-	162,694-	211,355-
**	REVENUE	233,136-	2,645,819-	162,694-	211,355-
*	SALARIES AND BENEFITS	32,023	30,157	28,374	27,065
*	OPERATING	3,475	5,620	1,364	3,118
*	CAPITAL	0	2,236,202	0	0
*	DEBT SERVICE	0	19,937	0	0
*	GRANTS AND AIDS	197,638	353,903	116,233	167,947
**	EXPENDITURE	233,136	2,645,819	145,971	198,130
***	CDBG	0	0	16,723-	13,225-
BREVARD COUNTY HOME					
*		502,345-	446,473-	585,707-	236,460-
**	REVENUE	502,345-	446,473-	585,707-	236,460-
*	SALARIES AND BENEFITS	8,006	7,539	78-	0

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	OPERATING	2,313	2,540	351	314
*	GRANTS AND AIDS	492,026	436,394	104,236	530,496
**	EXPENDITURE	502,345	446,473	104,509	530,810
***	BREVARD COUNTY HOME	0	0	481,198-	294,350
SHIP/COCOA HOUSING TRUST					
*		43,074-	228,214-	84,809-	220,634-
**	REVENUE	43,074-	228,214-	84,809-	220,634-
*	SALARIES AND BENEFITS	0	0	6,967	6,764
*	OPERATING	2,154	4,571	2,602	254
*	GRANTS AND AIDS	40,920	223,643	61,685	81,644
**	EXPENDITURE	43,074	228,214	71,254	88,662
***	SHIP/COCOA HOUSING TRUST	0	0	13,555-	131,972-
CRA COCOA RDA					
*		8,024,584-	1,502,805-	1,227,674-	1,257,827-
**	REVENUE	8,024,584-	1,502,805-	1,227,674-	1,257,827-
*	SALARIES AND BENEFITS	69,516	66,540	52,177	40,835
*	OPERATING	658,884	695,596	240,355	161,284
*	CAPITAL	6,897,300	264,052	477,717	254,544
*	GRANTS AND AIDS	50,000	57,000	15,000	26,687
*	OTHER USES	348,884	419,617	94,476	70,057
**	EXPENDITURE	8,024,584	1,502,805	879,725	553,407
***	CRA COCOA RDA	0	0	347,949-	704,420-
CRA DIAMOND SQUARE 626					
*		257,312-	206,157-	159,281-	119,944-
**	REVENUE	257,312-	206,157-	159,281-	119,944-

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	SALARIES AND BENEFITS	33,336	40,657	15,217	9,989
*	OPERATING	73,976	102,261	32,115	32,456
*	CAPITAL	135,000	47,488	78,795	44,753
*	GRANTS AND AIDS	15,000	15,751	0	5,000
**	EXPENDITURE	257,312	206,157	126,127	92,198
***	CRA DIAMOND SQUARE 626	0	0	33,154-	27,746-
CRA US1 CORRIDOR					
*		204,832-	342,839-	180,689-	132,059-
**	REVENUE	204,832-	342,839-	180,689-	132,059-
*	SALARIES AND BENEFITS	0	0	105-	0
*	OPERATING	5,847	6,025	5,111	4,686
*	GRANTS AND AIDS	198,985	336,814	178,453	128,492
**	EXPENDITURE	204,832	342,839	183,459	133,178
***	CRA US1 CORRIDOR	0	0	2,770	1,119
POLICE CONFISCATED FUND					
*		0	12,488-	16,116-	14,684-
**	REVENUE	0	12,488-	16,116-	14,684-
*	OPERATING	0	12,488	0	0
*	CAPITAL	0	0	8,871	0
**	EXPENDITURE	0	12,488	8,871	0
***	POLICE CONFISCATED FUND	0	0	7,245-	14,684-
POLICE SPECIAL EDUCATION					
*		4,500-	4,000-	4,053-	3,921-
**	REVENUE	4,500-	4,000-	4,053-	3,921-
*	OPERATING	4,500	4,000	0	375

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
**	EXPENDITURE	4,500	4,000	0	375
***	POLICE SPECIAL EDUCATION	0	0	4,053-	3,546-
DEBT SERVICE FUND					
*		1,783,246-	1,746,156-	1,471,754-	1,388,938-
**	REVENUE	1,783,246-	1,746,156-	1,471,754-	1,388,938-
*	DEBT SERVICE	1,783,246	1,746,156	1,752,618	1,659,761
**	EXPENDITURE	1,783,246	1,746,156	1,752,618	1,659,761
***	DEBT SERVICE FUND	0	0	280,864	270,823
CAPITAL PROJECTS FUND					
*		91,626-	3,562,307-	475,677-	8,360,511-
**	REVENUE	91,626-	3,562,307-	475,677-	8,360,511-
*	OPERATING	0	24,360	97,892	4,286
*	CAPITAL	0	3,497,840	4,416,552	4,014,860
*	DEBT SERVICE	91,626	37,307	0	155,212
*	OTHER USES	0	2,800	100,000	0
**	EXPENDITURE	91,626	3,562,307	4,614,444	4,174,358
***	CAPITAL PROJECTS FUND	0	0	4,138,767	4,186,153-
RIVERFRONT/LEE WENNER PK					
*		0	2,700,840-	0	0
**	REVENUE	0	2,700,840-	0	0
*	CAPITAL	0	2,700,840	0	0
**	EXPENDITURE	0	2,700,840	0	0
***	RIVERFRONT/LEE WENNER PK	0	0	0	0
FISKE BV CMPLT STRTSCAPE					
*		0	1,500,000-	0	0

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
**	REVENUE	0	1,500,000-	0	0
*	CAPITAL	0	1,500,000	0	0
**	EXPENDITURE	0	1,500,000	0	0
***	FISKE BV CMPLT STRTSCAPE	0	0	0	0
WATER/SEWER ENTERPRISE					
*		64,049,125-	69,308,285-	66,531,575-	65,600,385-
**	REVENUE	64,049,125-	69,308,285-	66,531,575-	65,600,385-
*	SALARIES AND BENEFITS	16,205,101	15,195,948	12,694,933	12,830,215
*	OPERATING	26,748,307	25,201,190	31,019,237	29,375,610
*	CAPITAL	3,123,594	9,348,133	0	0
*	DEBT SERVICE	0	0	145,227	0
*	GRANTS AND AIDS	1,200	1,000	1,000	1,000
*	OTHER USES	17,970,923	19,562,014	15,918,560	15,409,972
**	EXPENDITURE	64,049,125	69,308,285	59,778,957	57,616,797
***	WATER/SEWER ENTERPRISE	0	0	6,752,618-	7,983,588-
STORMWATER UTILITY					
*		1,747,692-	1,594,486-	1,711,383-	1,578,598-
**	REVENUE	1,747,692-	1,594,486-	1,711,383-	1,578,598-
*	SALARIES AND BENEFITS	544,229	709,711	570,599	595,794
*	OPERATING	933,431	600,678	647,777	556,376
*	CAPITAL	270,032	284,097	0	0
*	OTHER USES	0	0	9,595	0
**	EXPENDITURE	1,747,692	1,594,486	1,227,971	1,152,170
***	STORMWATER UTILITY	0	0	483,412-	426,428-
W/S RESTRICTED ASSETS					

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*		9,761,950-	11,194,729-	8,809,858-	8,950,012-
**	REVENUE	9,761,950-	11,194,729-	8,809,858-	8,950,012-
*	DEBT SERVICE	9,761,950	11,194,729	3,922,069	4,342,861
*	OTHER USES	0	0	162,441	0
**	EXPENDITURE	9,761,950	11,194,729	4,084,510	4,342,861
***	W/S RESTRICTED ASSETS	0	0	4,725,348-	4,607,151-
WS CPTL PROJ 2018B					
*		18,567,036-	26,717,181-	0	0
**	REVENUE	18,567,036-	26,717,181-	0	0
*	CAPITAL	18,567,036	23,846,285	0	0
*	OTHER USES	0	2,870,896	0	0
**	EXPENDITURE	18,567,036	26,717,181	0	0
***	WS CPTL PROJ 2018B	0	0	0	0
WORKERS COMPENSATION FUND					
*		1,217,552-	1,425,827-	2,699,593-	1,298,614-
**	REVENUE	1,217,552-	1,425,827-	2,699,593-	1,298,614-
*	SALARIES AND BENEFITS	974,952	1,183,227	2,713,889	1,165,683
*	OPERATING	242,600	242,600	211,416	181,184
**	EXPENDITURE	1,217,552	1,425,827	2,925,305	1,346,867
***	WORKERS COMPENSATION FUND	0	0	225,712	48,253
HEALTH INSURANCE FUND					
*		6,747,254-	6,849,173-	5,884,080-	4,898,951-
**	REVENUE	6,747,254-	6,849,173-	5,884,080-	4,898,951-
*	SALARIES AND BENEFITS	5,436,860	5,707,173	5,504,130	4,145,771

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	OPERATING	1,310,394	1,142,000	1,021,991	930,433
**	EXPENDITURE	6,747,254	6,849,173	6,526,121	5,076,204
***	HEALTH INSURANCE FUND	0	0	642,041	177,253
GENERAL RETIREMENT FUND					
*		0	0	2,148,673-	2,310,581-
**	REVENUE	0	0	2,148,673-	2,310,581-
*	OPERATING	0	0	1,292,430	1,454,702
**	EXPENDITURE	0	0	1,292,430	1,454,702
***	GENERAL RETIREMENT FUND	0	0	856,243-	855,879-
401A RETIREMENT FUND					
*		0	0	484,024-	517,874-
**	REVENUE	0	0	484,024-	517,874-
*	OPERATING	0	0	329,563	63,941
**	EXPENDITURE	0	0	329,563	63,941
***	401A RETIREMENT FUND	0	0	154,461-	453,933-
POLICE RETIREMENT FUND					
*		0	0	3,193,615-	3,741,746-
**	REVENUE	0	0	3,193,615-	3,741,746-
*	OPERATING	0	0	1,966,102	2,257,692
**	EXPENDITURE	0	0	1,966,102	2,257,692
***	POLICE RETIREMENT FUND	0	0	1,227,513-	1,484,054-
FIRE RETIREMENT FUND					
*		0	0	3,702,266-	3,715,804-
**	REVENUE	0	0	3,702,266-	3,715,804-

		FY 2020 PROPOSED BUDGET	FY 2019 ADJUSTED BUDGET	FY 2018 ACTUALS	FY 2017 ACTUALS
*	OPERATING	0	0	1,777,882	1,681,596
**	EXPENDITURE	0	0	1,777,882	1,681,596
***	FIRE RETIREMENT FUND	0	0	1,924,384-	2,034,208-
GENERAL FIXED ASSET GP					
*		0	0	14,406	34,211
**	REVENUE	0	0	14,406	34,211
*	OPERATING	0	0	2,898,985	2,476,748
**	EXPENDITURE	0	0	2,898,985	2,476,748
***	GENERAL FIXED ASSET GP	0	0	2,913,391	2,510,959
GENERAL FIXED RDA					
*	OPERATING	0	0	33,715	31,043
**	EXPENDITURE	0	0	33,715	31,043
***	GENERAL FIXED RDA	0	0	33,715	31,043
GENERAL LONG TERM DEBT GP					
*	SALARIES AND BENEFITS	0	0	1,261,331	0
**	EXPENDITURE	0	0	1,261,331	0
***	GENERAL LONG TERM DEBT GP	0	0	1,261,331	0
		0	0	8,162,401-	18,767,938-

Legislation Details (With Text)

File #:	19-448	**Version:**	1	**Name:**	
Type:	Contract			**Status:**	Council Busines
File created:	9/18/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	City Council approval of Interlocal Agreements between the Brevard County Board of County Commission and the City of Cocoa and the US1 Corridor and Diamond Square Community Redevelopment Agencies. (City Manager)				
Sponsors:	Office of the City Manager				
Indexes:					
Code sections:					
Attachments:	08092019 ILA Cocoa U.S. 1 Corridor CRA CLEAN (003).pdf 09062019 ILA Cocoa Diamond Square CRA CLEAN (003).pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 18, 2019
Agenda Date: September 25, 2019
Prepared By: John A. Titkanich, Jr., AICP, ICMA-CM
Through: N/A
Requested Action:

City Council approval of Interlocal Agreements between the Brevard County Board of County Commission and the City of Cocoa and the US1 Corridor and Diamond Square Community Redevelopment Agencies.

BACKGROUND:

Brevard County and municipalities with Community Redevelopment Agencies (CRAs) held a workshop on April 13, 2017, following an effort by certain members of the Board of County Commissioners (BOCC) seeking to revoke and modify the delegation of certain municipal and CRA authority. The resolution provided for the County and municipalities to meet, negotiate and enter in an Interlocal Agreement (ILA) by December 2017. The motion was defeated by a 2-3 vote; however, there was a commitment by municipalities to negotiate with Brevard County an ILA regarding their respective CRA(s).

The ILAs were limited to those CRAs that were created post adoption of the County Charter (1994) and where the BOCC had previously delegated powers to certain municipalities to create a CRA.

The BOCC adopted County Resolutions 97-160 (US1 Corridor CRA) and 97-161 (Diamond Square CRA) in 1997, and in 1998 the City of Cocoa City Council created the agencies with the adoption of

Ordinances 12-98 and 13-98. Based on the County's Workshop and subsequent meetings regarding the possible revocation of delegated powers, most recently in March 2019, the City Attorney and City Manager negotiated with the Brevard County County Manager and County Attorney.

City staff met with Commissioner Lober on January 17, 2019, at which time he shared his concerns and desires related to the County and City ILAs. The City and County reengaged in negotiations and discussed revisions to the proposed ILAs, and the City was provided revised ILAs on March 26, 2019. Following discussions between the County and City Manager, the City Attorney forwarded City revised ILAs to the County on July 12, 2019. On July 24, 2019, the County provided the City with revised ILAs and on August 8, 2019 the County and City met and consensus was reached between staff subject to some agreed upon revisions.

On September 9, 2019, the County Manager notified the City that the CRA ILAs had been approved by the Board at its September 5, 2019 meeting.

Overview of the ILAs

US1 Corridor CRA

The US1 Corridor CRA's ILA provides that the agency shall terminate by September 30, 2020 and that the County will not owe any tax increment funds (TIF) for FY2020. It was projected that the County would contribute TIF in the amount of approximately $182,050, of which $159,207 was from the County General Fund and $22,843 from the District IV Rec Fund.

The US1 Corridor CRA budget was developed with the ILA in mind and the major expense was a loan payment to the City of Cocoa General Fund for the FDOT-US1 Widening Streetscape Project, of which the City TIF contribution will cover that expense. The FDOT-US1 Widening Streetscape Loan matures on October 1, 2022 (FY2023) and the City will be responsible for debt service payments.

If approved, staff will work with the City Attorney to take necessary actions to terminate the CRA during FY2020.

Diamond Square CRA

First and foremost, pursuant to Section 18 of ILA, the Diamond Square CRA ILA is contingent upon the approval and execution of the US1 Corridor ILA.

Provisions of the ILA include:

1. The Diamond Square CRA termination date is September 30, 2032, which represents an extension of ten (10) years. [Section 5]

2. The BOCC approves the Diamond Square Redevelopment Plan Update, dated March 2014. [Section 10]

3. The County annual TIF contribution shall be capped at an amount not to exceed $150,000. [Section 6]
    - The current FY2020 projected County TIF is $121,322 (this amount includes the TIF contribution from both the General Fund and District IV Recreation Fund)

4. The Diamond Square CRA shall be limited to using an amount not to exceed 25% of the County TIF contribution for administrative expenses. The Diamond Square CRA may use City TIF contribution for the balance of administrative expenses; however, the former limitation of a maximum of 25% of TIF for administrative expenses established in County Resolution 97-161 and City Ordinance 3-98 shall still apply. [Section 11]
    - Current FY2020 projected TIF is $257,312
    - 25% of the FY2020 projected TIF is $64,328
    - 25% of the FY2020 projected County TIF is $30,330
    - Total Administrative Expenses Budgeted for FY2020 is $38,786

5. The City and Diamond Square CRA agree that no County TIF will be used to fund travel expenses for Board members. [Section 6]

6. The City and Diamond Square CRA agree to obtain BOCC agreement prior to incurring any indebtedness for which County tax increment funds will be pledged as a source of repayment. [Section 7]

7. The Diamond Square CRA Board shall be reformed as a seven (7) member board, of which one (1) member of the CRA Board will be the District 2 Brevard County Commissioner or a designee that meets the qualifications of the Florida Statutes and approved by the BOCC. [Sections 4 (a) and (b)]

8. The reformed Diamond Square CRA Board shall appointed for 4-year terms, except that three (3) of the City Council appointed CRA Board members shall be designated to serve terms of 1, 2 and 3 years, respectively, from their date of appointments. [Section 4 (c)]

9. No CRA Board member may serve more than two (2) consecutive terms followed by at least 1 year off the CRA Board before they may be considered for reappointment. [Section 4 (d)]

10. The Diamond Square CRA will comply with the annual reporting and the financial audit report requirements. Additionally, if requested by District 2 County Commissioner, after submitting the required agency reports the City Manager shall meet with the Commissioner to discuss the reports. [Section 9]

As previously indicated, the BOCC delegated authority to the City of Cocoa to create the US1 Corridor and Diamond Square CRAs, and both are scheduled to terminate in September 2022. These ILAs, if approved by City Council will be presented to the respective CRA Boards for review and action. The Diamond Square CRA is scheduled to meet on October 21, 2019 and the US1 Corridor CRA is scheduled to meet on October 28, 2019.

Presuming the ILAs are approved and executed by all parties, the City of Cocoa will undertake the necessary actions to reform the Diamond Square CRA Board, as well as actions to terminate the US1 Corridor CRA prior to September 30, 2020.

STRATEGIC PLAN CONNECTION:

Community Development - How will the City raise the quality of life for all its residents, especially

those most vulnerable and disadvantaged? Undoubtedly, the Diamond Square Community Redevelopment Area exemplifies the spirit and intent of the Florida Community Redevelopment Act of 1969, and the extension of the Diamond Square CRA for 10 years, notwithstanding the limitations included within the ILA, represents an opportunity to continue the work of advancing redevelopment and revitalization in one of the most disadvantaged and underserved areas in the City of Cocoa and Brevard County.

BUDGETARY IMPACT:

For FY2020 there is no budgetary impact to the City of Cocoa other than expenses to undertake the necessary actions to terminate the US1 Corridor CRA.

On behalf of the US1 Corridor CRA, the City borrowed funds for the FDOT-US1 Widening Streetscape Project, of which this debt will solely become the responsibility of the City once the agency terminates. The maturity date for the debt is October 1, 2022 (FY2023). However, the City TIF payments will cease and the TIF amount is equal to or greater than the debt service.

The Diamond Square CRA tax increment value will increase due to appreciation of property values, redevelopment projects and new construction and the County's TIF contribution will be capped at $150,000 along with additional limitations on administrative expenses. However, the Diamond Square CRA was scheduled to expire in September 2022.

PREVIOUS ACTION:

City Council approved the creation of the US1 Corridor CRA and Diamond Square CRA in 1998.

RECOMMENDED MOTION:

Approve the Interlocal Agreements between the Brevard County Board of County Commission and the City of Cocoa and the US1 Corridor and Diamond Square Community Redevelopment Agencies.

INTERLOCAL AGREEMENT
BETWEEN CITY OF COCOA,
U.S. 1 CORRIDOR COMMUNITY REDEVELOPMENT AGENCY, AND
BREVARD COUNTY

THIS INTERLOCAL AGREEMENT is entered into by and between the following Parties: the CITY OF COCOA, a Florida municipal corporation, 65 Stone Street, Cocoa, Florida 32922 (hereinafter "the CITY"), the CITY OF COCOA U.S. 1 CORRIDOR COMMUNITY REDEVELOPMENT AGENCY, (hereinafter "the AGENCY"), and BREVARD COUNTY, a political subdivision of the State of Florida, in its own name and in behalf of each County Taxing Authority, as defined in section 2b., below), 2725 Judge Fran Jamieson Way, Viera, Florida 32940 (hereinafter collectively called "the COUNTY").

WITNESSETH:

WHEREAS, the CITY created the AGENCY pursuant to CITY Ordinance 12-98 after the COUNTY delegated its authority under Part III, Chapter 163, Florida Statutes, as set forth in COUNTY Resolution 97-160; and

WHEREAS, the CITY created a tax increment redevelopment trust fund (TRUST FUND) pursuant to section 163.387, Florida Statutes as a part of the noted CITY and COUNTY enabling authority; and

WHEREAS, the CITY and COUNTY have continuously paid their respective full trust fund payments required by section 163.387(1), Florida Statutes since the first fiscal year of the AGENCY's operation; and

WHEREAS, the COUNTY is facing certain budget issues relating to road maintenance, construction and reconstruction due to county charter restrictions on ad valorem tax revenues and other factors; and

WHEREAS, the COUNTY has evaluated multiple options to address these budget issues; and

WHEREAS, part of a solution to the COUNTY budget concerns would involve negotiation of an interlocal agreement with various cities and community redevelopment agencies with the goal of working toward reducing or ceasing the COUNTY's future annual trust fund contributions in order to utilize those funds for road maintenance, construction, and reconstruction; and

NOW, THEREFORE, the Parties mutually agree as follows:

1. **RECITATIONS**. The foregoing recitations are true and correct and are

incorporated by this reference.

2. **DEFINITIONS**. The terms below shall have the indicated meanings.

a. "Increment" or "Tax Increment" shall have the same meaning as "increment" as set forth in section 163.387(1)(a), Florida Statutes.

b. "County Taxing Authority" means Brevard County, through its Board of County Commissioners and any COUNTY established Municipal Services Taxing Unit (MSTU) or dependent special districts on behalf of which the COUNTY levies taxes or approves a budget to the extent that such MSTU or dependent special district is required to contribute a tax increment to the trust fund established by the CITY for the AGENCY in accordance with the requirements of section 163.387, Florida Statutes.

3. **AUTHORITY**. This agreement is being entered into under the authority vested in the Parties by section 163.387(3)(b), Florida Statutes and, pursuant to that authority, supersedes any provision or requirement set forth in section 163.387, Florida Statutes to the extent of any conflict with this agreement and that statutory provision.

4. **AGENCY TERMINATION DATE**. The AGENCY termination date is September 30, 2020. The parties agree that the AGENCY, the CITY and COUNTY shall take such actions as may be required to terminate the AGENCY on the termination date, which actions shall include the amendment or repeal of any CITY or COUNTY resolutions or ordinances (1) delegating authority to the CITY to create a community redevelopment agency and (2) creating the community redevelopment agency and trust fund.

5. **COUNTY TAX INCREMENT PAYMENT**. In accordance with section 163.387(3)(b), Florida Statutes, the COUNTY will not owe AGENCY any tax increment after September 30, 2019. In the event payments occur after September 30, 2019, the CITY and the AGENCY agree to reimburse the COUNTY all such COUNTY tax increment payments made into the AGENCY Trust fund from October 1, 2019 to September 30, 2020. The COUNTY shall be responsible for transferring the appropriate proportion of the tax increment back to each COUNTY taxing authority.

6. **INDEBTEDNESS AND PROPERTY**. The CITY agrees to assume, and to be fully liable for any indebtedness owed, and receive title to all property owned by the AGENCY after the AGENCY termination date, as provided in section 189.076(2), Florida Statutes. The CITY and AGENCY further agree not to incur any new indebtedness of any kind prior to the AGENCY termination date.

7. **CITY PAYMENT INTO AGENCY TRUST FUND**. Nothing in this agreement shall be deemed to prevent the CITY from continuing to contribute into the AGENCY trust fund through the AGENCY termination date.

8. ANNUAL AUDIT; REPORT; AND MEETING. The AGENCY will comply with the annual reporting requirements in section 163.371, Florida Statutes and the financial audit report requirements in section 163.387(8), Florida Statutes, as amended from time to time. In accordance with Section 163.371(1), the COUNTY agrees that a digital map identical to the current version published by the AGENCY meets the requirement to show geographic boundaries. See http://cocoacity.maps.arcgis.com/apps/webappviewer/index.html?id=a9691ce49ac84cf193a6a42aab77f4f0. No provision of this Agreement shall be construed or interpreted to restrict or prohibit the COUNTY from conducting, at its expense, any other audit of the AGENCY's expenditures as allowed by law.

7. **LIMITATION ON ADMINISTRATIVE EXPENSES.** No provision of this Agreement shall be construed or interpreted as limiting or prohibiting the CITY from annually providing administrative services to the AGENCY which are necessary and incidental to the implementation of the AGENCY Community Redevelopment Plan adopted by the CITY and the AGENCY. Additionally, each fiscal year, the AGENCY shall be permitted to reimburse the CITY for such annual administrative services.

8. **EFFECT OF AGREEMENT.** This agreement, including the exhibits, and any written amendments executed by the parties to this agreement constitute the entire agreement between the parties. This agreement may be amended only by written agreement approved and executed with the same formalities as this Agreement by all parties. This agreement supersedes all prior agreements to the extent that they are in conflict with this agreement. This Agreement does not alter CITY Resolution No. 98-20, CITY Ordinance No. 12-98, as modified, and COUNTY Resolution No. 97-160. The Parties agree to modify, amend or repeal these documents on an individual basis, as applicable and necessary, to implement this Agreement. Nothing in this Agreement shall be interpreted as modifying the authority of the Board of County Commissioners as outlined in Section 3(b) of Resolution 97-160.

9. **ATTORNEY'S FEES**. In the event any litigation arises out of this Agreement or under this Agreement, each party shall bear its own attorney's fees and costs.

10. **NOTICES**. All notices, requests, demands and other communications which are required or may be given under this agreement shall be in writing and, in the case of notice to the City or County Manager, by email. Notice shall be deemed to have been duly given if emailed and by personal delivery or deposit of the same in first class mail, postage prepaid by certified mail:

CITY:

City Manager
City of Cocoa
65 Stone Street
Cocoa, FL 32922
(email address available at City Website)

AGENCY:	Community Redevelopment Agency Director c/o City Manager U.S. 1 Corridor Community Redevelopment Agency 65 Stone Street Cocoa, FL 32922
COUNTY:	Brevard County Manager 2725 Judge Fran Jamieson Way Viera, Florida 32940 (email address available at County Website)

or to such other addresses such by notice in writing to any other parties.

11. **GOVERNING LAW**. The validity, construction and enforcement of and the remedies under this agreement shall be governed in accordance with the laws of the State of Florida, and venue of any proceeding shall be Brevard County, Florida.

12. **SAVINGS CLAUSE**. The invalidity or unenforceability of any particular provision of this Agreement shall not affect the other provisions, and this Agreement shall be construed in all respects as if such invalid or unenforceable provisions were omitted.

15. **EFFECTIVE DATE**. This Agreement shall take effect on the date that it is executed by all Parties and recorded in the Official Records of Brevard County, Florida. Upon execution of this Agreement by both Parties, the COUNTY shall promptly record this Agreement in the Official Records of Brevard County, Florida and return a recorded copy of this Agreement to the CITY's City Manager at the address listed in the Notice Section of this Agreement.

(Signature Page Follows)

IN WITNESS WHEREOF, the Parties have caused this agreement to be executed and delivered by their duly authorized representatives.

ATTEST: **CITY OF COCOA**

_____ **By**: _____
Its: Date
(as approved by the board on _____2019)

ATTEST: **US1 CORRIDOR COMMUNITY REDEVELOPMENT AGENCY**

_____ **By**:_____
Its: Date
(as approved by the board on _____2019)

ATTEST: **BREVARD COUNTY**

_____ **By**: _____
Kristine Isnardi, Chair **Date**
(as approved by the Board on _____2019)

INTERLOCAL AGREEMENT
BETWEEN CITY OF COCOA,
DIAMOND SQUARE REDEVELOPMENT AGENCY, AND
BREVARD COUNTY

THIS INTERLOCAL AGREEMENT is entered into by and between the CITY OF COCOA, a Florida municipal corporation, 65 Stone Street, Cocoa, Florida 32922 (hereinafter "the CITY"), the CITY OF COCOA DIAMOND SQUARE REDEVELOPMENT AGENCY, (hereinafter "the AGENCY"), and BREVARD COUNTY, a political subdivision of the State of Florida, in its own name and in behalf of each County Taxing Authority, as defined in section 2b., below), 2725 Judge Fran Jamieson Way, Viera, Florida 32940 (hereinafter collectively called "the COUNTY").

WITNESSETH:

WHEREAS, the CITY created the AGENCY pursuant to CITY Ordinance 13-98 and after the COUNTY delegated its authority under Part III, ch.163, Florida Statutes, as set forth in COUNTY Resolution 097-161; and

WHEREAS, the CITY created a tax increment redevelopment trust fund (TRUST FUND) pursuant to section 163.387, Florida Statutes, and CITY as a part of the noted CITY and COUNTY enabling authority; and

WHEREAS, the CITY and COUNTY have continuously paid their respective full trust fund payments required by section 163.387(1), Florida Statutes to the AGENCY since the first fiscal year of the AGENCY's operation; and

WHEREAS, the COUNTY is facing certain budget issues relating to road maintenance, construction and reconstruction due to county charter restrictions on ad valorem tax revenues and other factors; and

WHEREAS, the COUNTY has evaluated multiple options to address these budget issues; and

WHEREAS, part of a solution to the COUNTY budget concerns would involve negotiation of an interlocal agreement with various cities and AGENCYs with the goal of working toward reducing or ceasing the COUNTY's future annual trust fund contributions in order to utilize those funds for road maintenance, construction, and reconstruction; and

WHEREAS, the COUNTY and CITY also recognize that the AGENCY continues to serve an important public purpose and that continuing to encourage and foster redevelopment activities within the AGENCY's boundaries using AGENCY TIF Payments, consistent with the AGENCY's Redevelopment Plan, remains necessary to alleviate blight and slum conditions within the

AGENCY boundaries, and that the alleviation of these conditions is in the best interests of not only the citizens and businesses within the CITY, but the citizens and businesses of Brevard County as a whole; and

NOW, THEREFORE, the parties mutually agree as follows:

1. **RECITATIONS**. The foregoing recitations are true and correct and incorporated by this reference.

2. **DEFINITIONS**. The terms below shall have the indicated meanings.

a. "Increment" or "Tax Increment" shall have the same meaning as "increment" as set forth in section 163.387(1)(a), Florida Statutes.

b. "County Taxing Authority" means Brevard County, through its Board of County Commissioners and any COUNTY established Municipal Services Taxing Unit (MSTU) or dependent special districts in behalf of which the COUNTY levies taxes or approves a budget to the extent such MSTU or dependent special district is required to contribute a tax increment to the trust fund established by the CITY for the AGENCY in accordance with the requirements of section 163.387, Florida Statutes.

3. **AUTHORITY.** This agreement is being entered into under the authority vested in the parties by section 163.387(3)(b), Florida Statutes and, pursuant to that authority, supersedes any provision or requirement set forth in section 163.387, Florida Statutes to the extent of any conflict with this agreement and that statutory provision.

4. **AGENCY BOARD.**

a. Effective October 1, 2019, the Parties agree the Agency Board will be reformed in accordance with section 163.356, Florida Statutes as a seven (7) member board and as required by this Agreement.

b. In accordance with the provisions of section 163.356(2), Florida Statutes, one member of the board of commissioners for the AGENCY will be the Brevard County Board of County Commissioner in whose District the Agency is located. If that Commissioner desires to appoint a designee to take his/her place as the representative of the taxing authority, the designee must be approved by the COUNTY board as its representative and the designee must otherwise meet the qualifications at section 163.356(3)(b), Florida Statutes. The remaining six (6) members of the AGENCY Board shall be appointed by the CITY. Existing Agency Commissioners may be reappointed to the AGENCY Board. The Parties agree that section 163.356(3)(b) and 163.340(17), Florida Statutes, define the Agency's area of operation as equal

to the CITY's corporate limits. This Agency position is a full voting position. The District Commissioner's duty is considered an additional duty of office for the Brevard County Commissioner as authorized by section 163.356(2), Florida Statutes.

c. Section 163.356(2), Florida Statutes provides that the terms of office of each Agency Commissioner will be for four years, except that three of the CITY appointed members first appointed hereunder shall be designated to service terms of 1, 2, and 3 years, respectively, from the date of their appointments, and all other members shall be designated to serve for terms of four years from the date of their appointments. A vacancy occurring during a term shall be filled for the unexpired term.

d. Additionally, the Parties agree that upon completion of his or her current term, no Agency Commissioner may serve more than two (2) consecutive terms followed by at least one year off of the board before they may be considered for reappointment. Upon reappointment, said individual will again be subject to the two (2) consecutive term limit.

5. **AGENCY TERMINATION DATE**. The AGENCY termination date is September 30, 2032. The Parties agree that the AGENCY, the CITY, and COUNTY shall take such actions as may be required to terminate the AGENCY on the termination date, which action shall include the amendment or repeal of any CITY or COUNTY resolutions or ordinances (1) delegating authority to the CITY to create a community redevelopment agency and (2) creating the community redevelopment agency and trust fund.

6. **COUNTY TAX INCREMENT PAYMENT**. As required by section 163.387, Florida Statutes, the COUNTY will continue its annual tax increment contribution to the AGENCY trust fund in every fiscal year through the AGENCY's termination date, however, said annual COUNTY contribution shall be capped at an amount not to exceed $150,000 in any fiscal year in which the AGENCY exists. In the event the COUNTY's tax increment exceeds $150,000 in any fiscal year ("Extra TIF"), nothing in this Agreement shall be construed or interpreted as preventing the COUNTY from contributing, in its sole discretion, the Extra TIF to fund any portion of an AGENCY redevelopment project described in Section 10 of this Agreement. The Parties agree that no County tax increment funds (TIF) will be used to fund travel expenses for Agency Board Members.

7. **INDEBTEDNESS AND PROPERTY.** No provision of this Agreement shall be construed or interpreted as limiting or prohibiting the Agency from incurring indebtedness of any kind allowed by law. However, the Parties agree the maturity date for any existing or future indebtedness incurred by the Agency, for which COUNTY Tax Increment Fund payments have been pledged as a source of revenue, shall not extend beyond the Agency Termination Date. The CITY and AGENCY agree to obtain COUNTY agreement prior to incurring any new indebtedness for which the CITY and AGENCY will use COUNTY increment funds as the source of repayment. The CITY agrees to assume, and to be fully liable for any indebtedness owed, and

receive title to all property owned by the AGENCY after the AGENCY termination date, as provided in section 189.076(2), Florida Statutes.

8. **CITY PAYMENT INTO AGENCY TRUST FUND**. Nothing in this agreement shall be deemed to prevent the CITY from continuing to contribute into the AGENCY trust fund through the AGENCY termination date.

9. **ANNUAL AUDIT; REPORT; AND MEETING.** The AGENCY will comply with the annual reporting requirements in section 163.371, Florida Statutes and the financial audit report requirements in section 163.387(8), Florida Statutes, as amended from time to time. In accordance with Section 163.371(1), the COUNTY agrees that a digital map identical to the current version published by the AGENCY meets the requirement to show geographic boundaries. See http://cocoacity.maps.arcgis.com/apps/webappviewer/index.html?id=a9691ce49ac84cf193a6a42aab77f4f0. Additionally, the CITY and AGENCY agree to contractually require the independent auditor preparing the AGENCY's annual audit report to examine AGENCY expenditures and certify that all AGENCY tax increment revenues have been lawfully expended for the community redevelopment purposes authorized under the provision of chapter 163, Part III, Florida Statutes. If any AGENCY expenditure is not certified as compliant by the independent auditor, the CITY and AGENCY, at their discretion, will take whatever steps are necessary to bring any such expenditure into compliance including, but not limited to, contesting the independent auditor's opinion, reimbursing the AGENCY for such expenditure with CITY funds, or by such other lawful means. After submitting the annual AGENCY audit report, the City Manager of the CITY shall annually meet with the County Commissioner in whose District the AGENCY is located to discuss the annual audit reports, if the annual meeting is requested by said County Commissioner. No provision of this Agreement shall be construed or interpreted to restrict or prohibit the COUNTY from conducting, at its expense, any other audit of the AGENCY's expenditures as allowed by law.

10. **PROJECT IDENTIFICATION.** The Parties agree that the Diamond Square Community Redevelopment Plan Update, City of Cocoa, Florida, prepared by Real Estate Research Consultants, Inc., AECOM, and Planning Design Group, and dated March 2014 ("Agency Plan"), has been approved by the CITY, AGENCY and COUNTY, and that the Agency Plan is in full force and effect. The Agency plan specifically identifies the Agency redevelopment projects to be funded by tax increment funding and the funds proposed to be allocated to each such project. A list of the currently approved AGENCY projects, as set forth in the current Agency plan, is at Exhibit "A", attached and incorporated by this reference. Nothing in this section shall prevent the AGENCY, in its discretion, from reallocating plan approved funding to other projects identified in the approved Agency plan, provided that any new projects do not exceed the total planned expenditures outlined in the Plan. Any changes to the AGENCY's Plan subsequent to the execution of this Agreement shall require the approval of the Brevard County Board of County Commissioners. Acceptance of the Agency plan by the COUNTY shall

not be deemed to extend the term of the AGENCY beyond the term provided in this Agreement.

11. **LIMITATION ON ADMINISTRATIVE EXPENSES.** No provision of this Agreement shall be construed or interpreted as limiting or prohibiting the CITY from annually providing administrative services to the AGENCY which are necessary and incidental to the implementation of the AGENCY Community Redevelopment Plan adopted by the CITY and the AGENCY. Additionally, each fiscal year, the AGENCY shall be permitted to reimburse the CITY for such annual administrative services. Said reimbursement, payable from COUNTY tax increment funds, shall not exceed twenty -five percent (25%) of the COUNTY TIF payments. However, the CITY may use other tax increment funds to reach the amount previously authorized by COUNTY Resolution No. 97-161 and CITY Ordinance No. 13-98 (Sec. 8-58(b), City Code) for each fiscal year in which reimbursement is made.

12. **EFFECT OF AGREEMENT.** This Agreement, including the exhibits, and any written amendments executed by the Parties to this Agreement constitute the entire agreement between the Parties. This agreement may be amended only by written agreement approved and executed with the same formalities as this Agreement by all parties. This Agreement supersedes all prior agreements to the extent that they are in conflict with this Agreement. This Agreement does not alter CITY Resolution No. 98-19, City Ordinance No. 13-98 and COUNTY Resolution No. 97-161. The Parties agree to modify or amend these documents on an individual basis, as applicable and necessary, to implement this Agreement. Nothing in this Agreement shall be interpreted as modifying the authority of the Board of County Commissioners as outlined in Section 3(b) of Resolution 97-161.

13. **ATTORNEY'S FEES**. In the event any litigation arises out of this Agreement or under this Agreement, each party shall bear its own attorney's fees and costs.

14. **NOTICES.** All notices, requests, demands and other communications which are required or may be given under this agreement shall be in writing and, in the case of notice to the City or County Manager, by email. Notice shall be deemed to have been duly given if emailed and by personal delivery or deposit of the same in first class mail, postage prepaid by certified mail:

CITY: City Manager
City of Cocoa
65 Stone St.
Cocoa, FL 32922
(email address available at City Website)

AGENCY: Community Redevelopment Agency Director
c/o City Manager
Diamond Square Community Redevelopment Agency

65 Stone St.
Cocoa, FL 32922

COUNTY: Brevard County Manager
2725 Judge Fran Jamieson Way
Viera, FL 32940
(email address available at County Website)

or to such other addresses such by notice in writing to any other parties.

15. **GOVERNING LAW**. The validity, construction and enforcement of and the remedies under this agreement shall be governed in accordance with the laws of the State of Florida, and venue of any proceeding shall be Brevard County, Florida.

16. **SAVINGS CLAUSE**. The invalidity or unenforceability of any particular provision of this Agreement shall not affect the other provisions, and this Agreement shall be construed in all respects as if such invalid or unenforceable provisions were omitted.

17. **EFFECTIVE DATE.** This Agreement shall take effect on the date that it is executed by both parties and recorded in the Official Records of Brevard County, Florida. Upon execution of this Agreement by both Parties, the COUNTY shall promptly record this Agreement in the Official Records of Brevard County, Florida and return a recorded copy of this Agreement to the CITY's City Manager at the address listed in Notice Section of this Agreement.

18. **CONTINGENT.** This Agreement is contingent on the execution of an Interlocal Agreement between the Parties which terminates the U.S. 1 Corridor Community Redevelopment Agency by September 30, 2020 and which provides for the AGENCY to reimburse the COUNTY for the County portion of any tax increment funds paid to the AGENCY from October 1, 2019 to September 30, 2020.

(Signature Page Follows)

IN WITNESS WHEREOF, the Parties have caused this agreement to be executed and delivered by their duly authorized representatives.

ATTEST: **CITY OF COCOA**

_____ **By**: _____
Its: Date
(as approved by the Board on _____2019)

ATTEST: **DIAMOND SQUARE COMMUNITY REDEVELOPMENT AGENCY**

_____ **By**:_____
Its: Date
(as approved by the Board on _____2019)

ATTEST: **BREVARD COUNTY**
BOARD OF COUNTY COMMISSIONERS

_____ **By**: _____
Scott Ellis, Clerk **Kristine Isnardi, Chair** **Date**
(as approved by the Board on _____2019)

Legislation Details (With Text)

File #:	19-391	**Version:**	1	**Name:**	Brevard Adult Education Career and Technical Educational Center
Type:	Report			**Status:**	City Business
File created:	8/9/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	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. (Community Services Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Career and Technical Center Support Letter 2019.pdf JOB Growth Grant proposal Brevard Adult Ed 2019.pdf florida-job-growth-grant-fund-workforce-training-form.pdf 042318 Minutes.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: August 9, 2019
Agenda Date: August 28, 2019
Prepared By: Samia Singleton, Economic Development Specialist
Through: Nancy A. Bunt, Community Services Director
Requested Action:
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.

BACKGROUND:

In 2017, Governor Rick Scott established the Florida Job Growth Grant Fund to fund public infrastructure and workforce training that would provide Floridians with transferable, sustainable workforce skills. In 2019-20, the Florida Department of Economic Opportunity (DEO) will be able to provide $40 million for projects that focus on rapidly developing a highly skilled workforce and on infrastructure initiatives that attract businesses, create jobs and promote economic growth. The DEO is now accepting proposals aimed at growing infrastructure and aimed at developing a highly-skilled

workforce.

In June 2019, the unemployment rate for Brevard County was 3.5%. However, a substantial portion of the workforce in Cocoa remains unemployed. According to an ESRI report, in 2017 the Cocoa estimated unemployment rate was 8.9%. According to the U.S. Census Bureau, in 2016 the Cocoa Unemployment rate was 14.4% with a 4.1% margin of error. Barriers to employment are high school education attainment and lack of supplemental entry level certified training programs. The larger unemployment rate in Cocoa correlates with the lower education attainment rates, leading to a need for workforce preparedness training. A prepared workforce is an essential element necessary to attract economic development projects, which in turn builds our tax base and reduces the burden of government.

In addition, an alarming trend developing in our region is a mismatch between the level of skills that workers possess and the skills that businesses need. The long-term negative impacts of this “skills gap” on workers, families, businesses, governments and the economy are potentially profound and far-reaching.

The 2015 City of Cocoa Economic Base Analysis, completed by the Balmoral Group, ascertained Cocoa is in a prime position, with its proximity to major interstates, ports and metropolitan areas, to attract new employers and expand its economic base. In addition, the Economic Base Analysis determined that the City should focus recruitment and expansion efforts on the targeted sectors of trade, transportation and warehousing/logistics/distribution, specifically those that serve the existing manufacturing base (both traditional and evolving), and refrigerated storage.

Brevard Adult Education Career and Technical Education Center

The Brevard Adult Education Career and Technical Education Center is a planned career and technical education training center in Brevard County. The center will be constructed on a 13-acre parcel of the 41.17-acre campus of the Clearlake Education Center located at 1225 Clearlake Road in Cocoa, Florida. Establishment of the Brevard Career and Technical Training Center will facilitate delivery of a comprehensive workforce-training program for adult learners in a state of the art facility. Career and technical training will focus on specific job skills, careers and/or trades, such as logistics, pre-apprenticeships and Information Technologies (IT). Additionally, the vocational training will focus on practical applications of skills learned through hands-on training thus providing a link between education and the world of work. Specific and targeted adult career and technical training will assist in building a pipeline of qualified candidates who are prepared to take a high-paying, skilled job immediately. Graduates of the career and technical education center will have an advantage over informally trained job seekers as they will have the opportunity, through their training, to earn industry certifications demonstrating the skills needed to successfully perform a specific, skilled occupation.

On April 23, 2018, at the Budget Workshop a consensus was made among Council to agree to the recommendation made by the City Manager to support the Training Center through the Assigned Economic Development Catalyst Funds. The City provided a letter of support, committing to a Municipal Services Capital Contribution Agreement between the City of Cocoa and Brevard Public Schools, which provided for:

- A one-time City of Cocoa construction capital grant and permitting fee assistance of up to $100,000 as a total contribution.
- An annual operating subsidy of $10,000 from the City of Cocoa.

- In kind marketing services from the City of Cocoa and Brevard Public Schools to co-market and promote the Training Center.
- Up to 25% of the students would be Cocoa residents, having a residency of at least 12 months. If this goal cannot be met, the operating subsidy commitment, would still remain in force.
- Cocoa students would have a first right to participate in both the full time and or part time programs at the Training Center.
- Cocoa residents will receive a full or partial scholarship from the School to cover tuition, on a formula and scoring criteria basis (to be structured).

Subsequently, the Brevard Adult Education Department of Brevard Public Schools prepared and submitted a detailed 2018-19 Florida Job Growth Grant Fund application to the DEO for the Center for $1.4 million for the construction and equipping of the Training Center. Approximate total project costs are $2 million. Unfortunately, DEO did not award Brevard Adult Education's application for the Training Center.

Brevard Adult Education intends to resubmit its application to DEO for the 2019-20 Florida Job Growth Grant Fund and requests the City provide another letter of support, committing to a Municipal Services Capital Contribution Agreement, which provides for:

- A one-time City of Cocoa construction capital grant and permitting fee assistance of up to $100,000 as a total contribution.
- An annual operating subsidy of $10,000 from the City of Cocoa with an initial commitment of two 5-year terms, subject to annual performance reviews.
- In kind marketing services from the City of Cocoa and Brevard Public Schools to co-market and promote the Training Center.
- Up to 25% of the students would be Cocoa residents, having a residency of at least 12 months. If this goal cannot be met, the operating subsidy commitment, would still remain in force.
- Cocoa students would have a first right to participate in both the full time and or part time programs at the Training Center.
- Cocoa residents will receive a full or partial scholarship from the School to cover tuition, on a formula and scoring criteria basis (to be structured).

STRATEGIC PLAN CONNECTION:

The purpose of this project is to provide jobs and build Cocoa's economic competiveness by preparing Adult Education students with training and certifications necessary to qualify for living wage jobs that meet the needs of our target industries. The City of Cocoa 2016 Strategic Plan specifically addressed this need, in addition to identifying the following issues, goals and objectives:

Economic Development

- To recruit a highly qualified workforce that is reflective of the community they represent.
- Foster a skilled workforce to serve Cocoa Business, Industry and Institutions.

Fiscal Sustainability

- The City's need to develop a financially sustainable revenue base through business retention

and expansion.

Community Development

- The City's need to raise the quality of life for all its residents, especially those most vulnerable and disadvantaged.

BUDGETARY IMPACT:

The Municipal Services Capital Contribution Agreement between the City of Cocoa and Brevard Public Schools would provide for:

- A one-time City of Cocoa construction capital grant and permitting fee assistance of up to $100,000 as a total contribution.

- An annual operating subsidy of $10,000 from the City of Cocoa with an initial commitment of two 5-year terms, subject to annual performance reviews.

The 5-Year Capital Improvement Plan includes the one-time City of Cocoa construction capital grant and permitting fee assistance for $100,000, in the FY 2021 Infrastructure Account 001-3205-559.63-00.

(Should the Grant be awarded in FY 2020, City staff will return to City Council to accept the grant funding and budget the revenue and expenditures to the appropriate general ledger accounts).

PREVIOUS ACTION:

On April 23, 2018, at the Budget Workshop a consensus was made among Council to agree to the recommendation made by the City Manager to support the Training Center through the Assigned Economic Development Catalyst Funds.

RECOMMENDED MOTION:

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.

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City Manager's Office
65 Stone St. I Cocoa, FL 32922
Phone: (321) 433-8686 I Fax: (321) 433-8690

August 14, 2019

The Honorable Ron DeSantis
Governor of Florida
The Capitol
400 South Monroe Street
Tallahassee, Florida 32399-0001

RE: Brevard Adult Education Career and Technical Education Center - Florida Job Growth Grant Fund-Workforce Development Grant

Dear Governor DeSantis,

The City of Cocoa enthusiastically supports the establishment of the Brevard Adult Education Career and Technical Education Center, through a grant from the Florida Job Growth Grant Fund. A dedicated career and technical training facility that educates, certifies, and secures employment for adult students will be an empowering element enabling our residents and our businesses to thrive.

The establishment of a Career and Technical Education Center is consistent with and meets all of the City's Strategic Planning Objectives to "Foster a Skilled Work Force". In the 2015 City of Cocoa Economic Base Analysis completed by the Balmoral Group, it was noted that Cocoa's location, with its proximity to major interstates, ports and metropolitan areas, is in prime position to attract new employers and expand its economic base. Surveys of investment, supply chain and site selection experts recommended that a key sector focus for the City of Cocoa would be trade, transportation and the warehousing/logistics/distribution sectors. Specifically those that serve our existing manufacturing base.

A substantial portion of Cocoa's workforce remains unemployed despite increasing business interest and investment in the area. Low high school education attainment, and lack of supplemental entry level certified training programs continue to be barriers to employment. There is a persistent and growing mismatch between the level of skills that workers possess and the skills businesses require. The long-term negative impacts of this "skills gap" on workers, families, and businesses in Cocoa and Brevard County are potentially profound and far reaching. The creation of a Career and Technical Education Center in Cocoa is a critical component of economic competitiveness, growth, and vitality for the City of Cocoa and the Space Coast region.

The City is seeking a financial commitment from its City Council. If approved the City would enter into a Memorandum of Understanding (MOU) with Brevard Public Schools (BPS) to fund a

significant portion of this project. The MOU would outline the following terms and conditions to be included in a capital contribution agreement with the City of Cocoa:

- A one-time City of Cocoa construction capital grant and permitting fee assistance of up to $100,000 as a total contribution.

- An annual operating subsidy of $10,000 from the City of Cocoa with an initial commitment of two 5-year terms, subject to annual performance reviews.

- In kind marketing services from the City of Cocoa to co-market and promote the Logistics Training Center.

- Up to 25% of the students would be Cocoa residents, having a residency of at least 12 months. If this goal cannot be met, the operating subsidy commitment, would still remain in force.

- Cocoa students would have a first right to participate in both the full time and or part time programs at the Training Center.

- Cocoa residents will receive a full or partial scholarship from the School to cover tuition, on a formula and scoring criteria basis (to be structured).

The City seeks to enrich the quality of life for its unique and diverse community through various economic and community development strategies. This grant is an important opportunity for the Florida Department of Economic Opportunity Job Growth Fund, Brevard Public Schools and the City of Cocoa to make a significant human capital investment and foster greater economic resiliency.

Please contact me if you need additional information about the City of Cocoa or have questions regarding support of the School Board's application.

Sincerely,

John A. Titkanich, Jr., AICP, ICMA-CM
City Manager

Florida Job Growth Grant Fund
Workforce Training Grant Proposal

Entity Information:

Name of Entity: Brevard Public Schools Department of Adult & Community Education
Federal Employer Identification Number: 59-6000522003

Contact Information:

Primary Contact Name: Jeffery Arnott
Title: Director of Adult and Community Education, Brevard Public Schools
Mailing Address: 1225 Clearlake Road, Cocoa, Florida 32922
Phone Number: (321) 633-3660 ext. 198
Email: Arnott.jeffery@brevardschools.org

1. **Program Requirements:**

A. Provide the title and a detailed description of the proposed workforce training:
Title: **Brevard Adult Education Career and Technical Training Program**
Description: Construction of the **Brevard Adult Education Career and Technical Education Center,** by Brevard Public Schools, will enable the public school district to establish a career and technical education training center in Brevard County. The center will be constructed on a 13-acre parcel of the 41.17-acre campus of the Clearlake Education Center located at 1225 Clearlake Road in Cocoa, Florida. The school campus, owned by the Brevard Public School district, is geographically located in the central region of the 73-mile long county. It is less than one mile from the Eastern Florida State College Cocoa Campus, facilitating ease of collaboration and articulation between entities. Establishment of the Brevard Career and Technical Training Center will facilitate delivery of a comprehensive workforce-training program for adult learners in a state of the art facility. Career and technical training will focus on specific job skills, careers and/or trades, such as logistics, pre-apprenticeships and Information Technologies (IT) to benefit industries in the Workforce Region 13. Additionally, the vocational training will focus on practical applications of skills learned through hands-on training thus providing a link between education and the world of work. Specific and targeted adult career and technical training will assist in building a pipeline of qualified candidates who are prepared to take a high-paying, skilled job immediately. Graduates of the career and technical education center will have an advantage over informally trained job seekers as they will have the opportunity, through their training, to earn industry certifications demonstrating the skills needed to successfully perform a specific, skilled occupation.

B. Describe how this proposal supports programs at state colleges or state technical centers:

Brevard Public Schools (BPS) and Eastern Florida State College (EFSC) have a long and successful relationship. This program will directly support EFSC's established Career and Technical student learning outcomes. Each of the EFSC Career and Technical programs have student learning outcomes that are assessed, and associated data are reported during the Fall, Spring, and Summer terms. Articulation between BPS and EFSC will enable mutual support, as adult students complete workforce training through the Brevard Career and Technical Training program. Students will be prepared for the rigor of EFSC programs such as Associate of Science (AS) degree, Post-Secondary Adult Vocational (PSAV) training, College Credit Certificate (CCC), and pre-apprenticeships/full-apprenticeships in areas that lead to industry certifications. Adult learners completing the specialized vocational programs through the Brevard Career and Technical Center will be equipped to not only continue with programs at EFSC, but any other state college or state technical center programs offered throughout the state.

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C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer:

Major employers in this area include the Canaveral Port Authority (all cruise and cargo operations), Kennedy Space Center, Orlando and Melbourne airports, multiple building contractors, Brightline/Florida East Coast Industries, Walmart logistics warehouses, Health First, Steward Health Care, and many other retailers, hoteliers, builders, and manufacturers. Having a viable adult education career and technical program that provides learners with first-hand industry equipment experiences, pre- and full- apprenticeship opportunities and industry certification will develop a highly qualified workforce with improved literacy skills and credentials such as logistics, manufacturing, welding, and IT services. These students will have enhanced communication and literacy skills that will successfully transfer in the workplace. In addition, they will have worked toward a job-related certification or credential. For example, students can earn a General Educational Development (GED) while gaining industry credentials in logistics. By working collaboratively with area businesses, these skills will match the positions that are available at warehouses, industries, wholesalers/retailers, shipping ports, train depots and airports in and around Brevard County. According to Career Source Brevard's *4 Year Comprehensive Plan (2016-2020)*, the skills needed to meet employment needs in the logistics industry include "training and education in information technology, logistics software, and knowledge of distribution and transportation." This program will address those needs.

D. Does this proposal support a program(s) that is offered to the public? **Yes**

E. Describe how this proposal is based on criteria established by the state colleges and state technical centers:

The Brevard Career and Technical Program is based on criteria that is established by Florida's state colleges and vocational/technical centers for confirming of degrees, certificates, and industry credentials. Because Brevard Public Schools Adult & Community Education department is part of the district public school system it is accredited and follows Florida's state curriculum frameworks for all courses and credits offered to students. As such, this career and technical program will continue to follow state criteria for all diplomas, degrees, and certifications offered to students. In addition, this center will collaborate with Career Source Brevard and the local Economic Development Commission. The vocational training program will emphasize the Workforce Innovation Opportunity Act (WIOA) requirements, such as providing post-secondary options for students, progress monitoring, and integrated educational programs with both literacy and employability skills thus, enhancing and expanding career pathways and Florida's PSAV Career and Professional Education (CAPE) certification credentials.

F. Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals? **Yes**

G. Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of jobs anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training:

The economic impact of this proposal will result in positive growth both directly and indirectly. For example, according to Florida Today newspaper, Port Canaveral is poised to spend $18 million on the first phase of a cargo berth project that will help provide facilities for the commercial space industry. This project is part of a $78.96 million master plan that will unfold over the next 30 years. The overall estimate for the 30-year growth plan of Port Canaveral is $1.15 billion with over 1100 new jobs created. Hundreds of jobs will need filling as the master plan unfolds, which includes new cruise and container terminals, a new liquidized natural gas facility, and an upgraded cargo facility. The impact on the local community and the residents of Brevard County will demonstrate the need to prepare its citizens for the jobs skills necessary to succeed in these growing industries. **The Return on Investment** in a career and technical

education training center will occur through the **Multiplier Effect**. The multipliers in the region of the eastern portion of Central Florida will cause increases in jobs, sales, output, income, and/or value added (VAM). Many industries are already poised to multiply, or increase, the economy of the region. The **total effect** of an adult career and technical education facility in a growing region where none currently exists will have many outcomes. By tailoring training programs with the demands of growing local industries, Brevard's career and technical education program will cause an increase in a highly-skilled and credentialed workforce, aligning student training to industry employability skills. In terms of Multipliers, **total effect** has three main parts: **direct, indirect**, and **induced effects**. The **direct effects** will be the immediate employment impacts associated with the training of hundreds of workers in targeted local industries. Logisticians, cargo and freight agents, and workers engaged in the production and movement of materiel will be in high demand as the Space Coast advances in manufacturing, logistics, and technology. Businesses will see increased productivity and efficiency because marginal costs will be lower and output will be greater with highly-skilled employees. The benefits of enhanced productivity have the potential to be captured by employers in the form of higher profits and increased competitiveness. The **indirect effects** are the increased employment linkages created by or resulting from the initial industry. For example, as a cargo center or warehouse operation grows, an increased demand for truck drivers, trucks, mechanics, clerks and fuel will result. Therefore, other industries that supply goods and services to the expanding industries grow. Brevard Adult Education and Career Source Brevard will continually monitor the potential workforce needs of these growing industries. In addition, the **induced effects,** also known as the "*ripple effect,*" throughout the area will give rise to higher wages commensurate with employee skill levels and result in greater consumer discretionary incomes. With increased availability of discretionary income, sectors of the local economy, such as restaurants, real estate, construction, retailers, and even recreational outlets benefit. Training adults to succeed in the workplace is a multiplier for both the workers and for all sectors of the economy. The **metrics** used to measure the success of the training will be technical skills achievement rate of 97 percent (obtaining a certificate or industry recognized credential) and a placement rate of 95 percent. Economic measures such as the number of applications for government assistance and the overall unemployment rate will decrease as a result of providing workforce training.

2. Additional Information:

A. Is this an expansion of an existing program? **No**

B. Does the program align with Florida's Targeted Industries?
Yes, this program proposal aligns with Florida's Targeted Industries, especially in the areas of **Global Logistics/Transportation/Distribution** and **IT/InfoTech.** This is a key industry that will support the region's **Manufacturing**, **Aviation, Aerospace and IT** sectors**.**

C. Does the proposal align with an occupation(s) on the Statewide Demand Occupation List and/or the Regional Demand Occupation List? **Yes.** This program aligns with occupations identified on the Statewide and Regional Demand occupation lists such as:

i. **Logistician (High Skill/High Wages Occupations)**
ii. **Transportation, Storage, and Distribution Managers**
iii. **First Line Supervisor of Material-Moving Vehicle Operators**
iv. **Cargo and Freight Agent**
v. **Helpers-Production Workers (Forklift and Dock Workers)**

D. Indicate how the training will be delivered (e.g., classroom-based, computer-based, other):
Training will be delivered in a blended program environment where some students may attend ABE or GED classes, if needed, in addition to their career and technical education program courses. Each student's program will be designed to meet the needs of the individual student, ensuring a path to success. In this way, this facility and program will connect Adult General Education students to a post-secondary technical training program/career pathways. The facility will have training equipment and technology labs to complete the necessary hands-on portion of their industry certification. Labs will be designed to mimic environments found in industry. The program will make use of business partnerships to obtain industry credentials for students in a short period of time, thus saving employers' training costs.

E. Indicate the number of anticipated students and completers:
The number of anticipated enrolled students and completers will be in cohorts of 35, advancing through the program in a quarterly system. Once the building is complete and the program is fully established, it is to serve an estimated 140 students at a time, annually producing approximately 65-70 completers, year after year. The completion rate target is 95 percent.

F. Indicate the length of the program (e.g. quarters, semesters, weeks, etc.), included anticipated beginning and ending dates:

The length of the programs will be in quarters roughly aligned to traditional school semesters. Upon completion of the construction of the training center, the anticipated start date for students will begin in the Fall of 2019 and the end date for the first cohort will be May of 2020, depending on the hours required for each specific program.

G. Describe the plan to support the sustainability of the proposal:

Support provided through Florida's Job Growth grant will cover the startup funding needed to begin the career and technical education program. The City of Cocoa, a major partner, has committed their on-going support by offering a subsequent annual operating costs contribution of $10,000, plus in-kind marketing where the City and Brevard Public Schools will work to promote the program by way of websites, social media and other publications and promotions. Beyond the initial startup, the training program will be a sustainable part of the Brevard Public Schools Department of Adult & Community Education operational budget. The career and technical education training facility will be utilized by the adult education program to provide industry certifications and create highly skilled workers. Currently, the adult education program in Brevard serves approximately 2500 students annually, who are obtaining adult high school diplomas, GED's, industry certifications and PSAV certificates. An adult education career and technical training center, which Brevard Public Schools does **not** currently have, will integrate education programs to serve the needs of both local students and employers. The school district will maintain the facility and the program will be staffed by well-qualified instructors who are background checked, screened and vetted through established BPS Human Resource hiring policies. The instructors will integrate curriculum with career and technical **bridge programs**, bridging their courses to collaborative career pathways with other technical and college programs. Students will pay modest fees, and the program will be maintained by the experience and quality control of Brevard Public Schools as part of their Adult Education Program.

H. Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code if applicable.

Brevard Adult Education program will work with adult learners enrolled in the career and technical program to provide concurrent opportunities for

individuals who need adult high school diplomas or GED's. Completion of the vocational training program will enable adult learners to earn PSAV industry certifications such as **Global Logistics Associate** (Florida CAPE Industry Certification Code AMSTL003), **Professional Designation in Supply Chain Management** (Florida CAPE Industry Code AMSTL004), **MSSC Certified Logistics Technician** (Florida CAPE Industry Code MSSCN002), and **Pre-Apprenticeship Certificate Training** (CAPE Code HBINS002). The CIP code is 165202301 (Transportation and Logistics). We will also train students in forklift and OSHA credentials.

I. Does this project have a local match amount?

Yes. This project has a $100,000 local match amount from the council members of the **City of Cocoa** that represents a 5.8 percent investment in the total construction cost of the facility. The City of Cocoa is a major partner with the Brevard Adult & Community Education department and together share a vested interest in the economic development of its businesses and citizens. The vocational training center will be located within the city limits of Cocoa and as such will become a vital part of its infrastructure. The City of Cocoa will be committed to this project and its goals through a Municipal Services Agreement for a construction capital contribution and permitting fee assistance ($100,000 total contribution) and subsequent annual operating costs contribution ($10,000), plus in-kind marketing where the City and Brevard Public Schools will work to promote the center. Another partner is **Career Source Brevard**. Career Source Brevard is an in-kind partner pledged to assist with job placement and alignment of employability skills with job openings in the area. These entities have a collective commitment to supporting people in need of education, training and job-skills enhancement, such as those displaced by Hurricanes Irma and Maria. The **School Board of Brevard County** is contributing the land valued at $39,500 for the construction of the new, first of its kind, adult career and technical training facility and will make additional in-kind contributions such as providing maintenance, coverage of utilities, and employment of qualified staff to provide instruction in career and technical training.

J. Provide any additional information or attachments to be considered for the proposal: Attached to this proposal are letters of interest demonstrating support of this project from:

- Career Source Brevard
- Space Coast Economic Development Commission
- The City of Cocoa, Florida
- Knight's Armament
- Representative Tyler Sirois

- Senator Dorthey Hukill

3. Program Budget:

Estimated Costs and Sources of Funding: Include all applicable workforce training costs and other sources available to support the proposal.

A. **Workforce Training Projects Costs:**

1)	Equipment	$ 186,450
2)	Personnel	$ 60,000
3)	Facilities	$ 1,500,000
4)	Tuition	$ 0
5)	Training Materials	$ 70,184
6)	Other (specify):	
	i. Land value BPS	$ 39,500
	ii. Logistics Cert. testing fees	$ 5250
Total Project Costs:		$ 1,871,384

B. **Other Workforce Training Project Funding Sources:**

1)	City/County	$ 100,000
2)	Private Sources	$ 0
3)	Other (specify): in-kind land donation	$ 39,500
Total Other Funding:		$ 139,500

Total Amount Requested: $ 1,731,884

C. **Budget Narrative:** Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding, how equipment purchases will be associated with the training program, if applicable, and any other pertinent budget-related information.

1) Equipment ($186,450)- all equipment will be used by students and instructors in training facility and programs. **See below:**

- Logistics training equipment/supplies to include but not limited to tools, cartons, bubble wrap/foam, labels, tape, tape dispensers, gloves, fasteners, shrink wrap, banding equipment, printers, ink, paper, etc.- $500
- Organizational/storage systems for supplies- $500
- Shelving units- $6000
- Flammable Storage Cabinet- $500

- Locking security cabinet- $1500
- Cart- $200
- Roller conveyors- $1400
- Straddle crane- $5000
- Expand-a-gate- $250
- Hand trucks- $300
- Hydraulic work benches- $5000
- Forklift truck- $40,000
- Electric Hoist- $3000
- Self-dumping hopper- $3000
- Rolling Ladder- $2000
- Slings- $100
- Pallet truck- $600
- Compact electric pallet truck- $5000
- Entrance mats- $150
- Blower- $200
- Fan- $150
- Industrial floor scrubber- $4000
- Wire cage-$1500
- Scales- $500
- Emergency shower and eye wash- $1200
- Bookcases- $1000
- Lateral file cabinets- $2700
- File cabinet desks- $2000
- Aluminum pallets- $1200
- Nesting pallets- $100
- Rack system- $3000
- Transport drone system- $10,000
- Rolling laptop/technology cart- $400
- Inventory management software system with scanners- $30,000
- Platform truck- $300
- Computer lab- $30,000
- Presentation equipment- $3500
- Classroom set-up- $10000
- Security system for the new facility- $ 10000

Total for equipment cost: $186,450

2) Personnel ($60,000): This includes the salary of the career and technical instructors and all fringe benefits, such as social security payments.

3) Facilities ($ 1,500,000): Expenditures to construct a 7,500 square foot logistics training building to be located on the property of Brevard County School Board at 1225 Clearlake Road in Cocoa, Florida. This estimated cost of building this new facility includes all construction costs for a building that will house:
    - **i.** a classroom to seat 35 students
    - **ii.** a computer lab for 35 students
    - **iii.** a climate controlled storage room
    - **iv.** a simulated warehouse for hands-on training.

   It will take approximately one to two years to have the facility built and equipped with the training equipment needed to conduct the programs.

4) Tuition ($0): We do not anticipate that there will be a tuition cost associated with the establishment of the facility; however, modest fees at the state-approved rates for continuing education will be charged to students in the programs once construction of the facility is completed.
5) Training Materials ($70,184): Staff members training in curriculum and instruction to ensure the most up-to-date, research-based best practices in adult career and technical education. Additionally, this will cover the purchase of all materials to be used by staff and students in the logistics training program. **See appendix for detailed list.**
6) Other ($5250): Brevard Adult Education is requesting start-up funds to cover the cost of certification examinations for the first-year student cohort as the program becomes established. The cost of the logistics industry examination is approximately $75 per student. The targeted enrollment for the first year cohort is 70 students (70 X 75 = $5250).
7) Other Funding Sources ($100,000): The City of Cocoa, Florida has pledged a match of $100,000 to assist in the construction of the facility. This includes, but is not limited to, infrastructure such as installation of utilities, zoning/permitting, and construction related costs.
8) Private Sources/Other Sources ($0): No additional sources of finances are budgeted for this job growth training facility project.

Timing and steps necessary to obtain funding: By having the School Board of Brevard County Florida and the City of Cocoa approve in advance to expend the Workforce Training Grant Fund, Brevard Adult and Community Education will be able to expend funds upon receipt of award notification. As soon as award notification has been received, purchase order requests will be made to order the building materials and equipment needed to build the facility. The facility should be completed and ready for student enrollment by either August 2020 or January 2021.

4. Approval and Authority:

A. Approval of the **Brevard County School Board** must be obtained, as well as the approval of the **City of Cocoa, Florida.**

B. Schedules:

i. The schedule of upcoming meetings for the year 2018 for the Brevard County School Board is:

1. August 13 5:30 p.m.
2. August 27 5:30 p.m.
3. Sept. 10 5:30 p.m.
4. Sept 24 5:30 p.m.
5. Oct. 10 5:30 p.m.
6. Oct. 29 5:30 p.m.
7. Nov. 19 5:30 p.m.
8. Dec. 17 5:30 p.m.

ii. The School Board of Brevard County can hold a special meeting with 2 days' notice.

C. Attached please find evidence of delegation of authority for Brevard County Schools to execute this proposal.

FLORIDA DEPARTMENT of ECONOMIC OPPORTUNITY

ENTERPRISE FLORIDA®

I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity.

Name of Entity: Brevard Public Schools

Name and Title of Authorized Representative: Desmond Blackburn, Ph.D. Superintendent

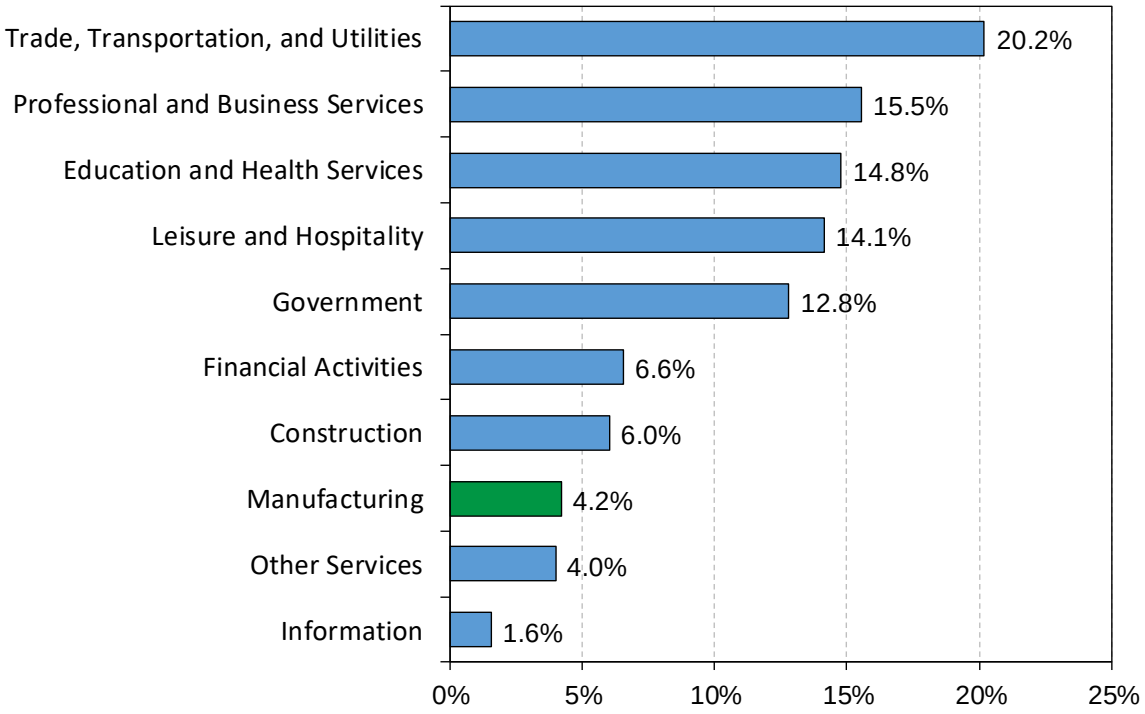
Representative Signature: _____

Signature Date: May 16, 2018

#1 Non-Agricultural Employment Industry in Florida –

Trade, Transportation and Utilities

Total Nonagricultural Employment Share by Industry
January 2018, Seasonally Adjusted



Note: Employment share percentages may not add to 100 due to rounding.
Source: U.S. Department of Labor, Bureau of Labor Statistics, Current Employment Statistics Program, released March 12, 2018.
Prepared by: Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

FLORIDA DEPARTMENT of ECONOMIC OPPORTUNITY

#8 and 9 Top Existing Demand Occupation in Florida:

Laborers and Freight, Stock and Material; Stock Clerks and Order Fillers

State of Florida
Workforce Innovation and Opportunity Act- Unified Plan
Two-Year Modification
July 1, 2018 – June 30, 2020

The following table displays the top 15 existing demand occupations (based on 2017-2025 total job openings) for Florida statewide.

Figure 2.02
Top 15 Existing Demand Occupations

	Code	Occupation	2017 Employment	2025 Employment	2017-25 Level Change	2017-25 Percent Change	2017-25 Total Job openings	2017 Median Hourly Wage	2017 Entry Wage	2017 Experienced Wage
1	412031	Retail Salespersons	351,545	397,545	46,000	13.09	482,959	10.36	8.9	14.21
2	353021	Combined Food Prep. and Serving Workers, Inc. Fast Food	238,814	277,504	38,690	16.20	417,337	9.47	9.14	10.44
3	412011	Cashiers	248,045	261,482	13,437	5.42	391,038	9.31	8.88	10.48
4	353031	Waiters and Waitresses	226,204	247,019	20,815	9.20	374,691	10.03	9.13	15.49
5	434051	Customer Service Representatives	244,276	278,142	33,866	13.86	289,913	14.43	10.65	17.78
6	436014	Secretaries, Except Legal, Medical and Executive	194,145	211,512	17367	8.95	182,226	15.78	11.44	19.05
7	439061	Office Clerks, General	173,867	188,359	14,492	8.34	177,435	13.4	9.78	17.06
8	537062	Laborers and Freight, Stock and Material	132,364	146,186	13,822	10.44	163,604	11.92	9.58	15.32
9	435081	Stock Clerks and Order Fillers	140,166	152,582	12,416	8.86	161,332	11.59	9.58	14.08
10	372011	Janitors and Cleaners, Except Maids and Housekeeping	131,143	147,628	16,485	12.57	160,755	10.60	9.15	12.70
11	352014	Cooks, Restaurant	105,686	125,554	19,868	18.8	151,110	12.55	10.20	14.42
12	373011	Landscaping and Grounds keeping	115,326	130,911	15,585	13.51	131,690	11.74	9.94	13.84
13	372012	Maids and Housekeeping	95,320	107,252	11,932	12.52	121,572	10.34	9.15	11.73
14	311014	Nursing Assistants	96,804	114,430	17,626	18.21	115,808	12.15	10.59	13.50
15	291141	Registered Nurses	188,202	218,508	30,306	16.1	113,795	30.79	24.84	35.18

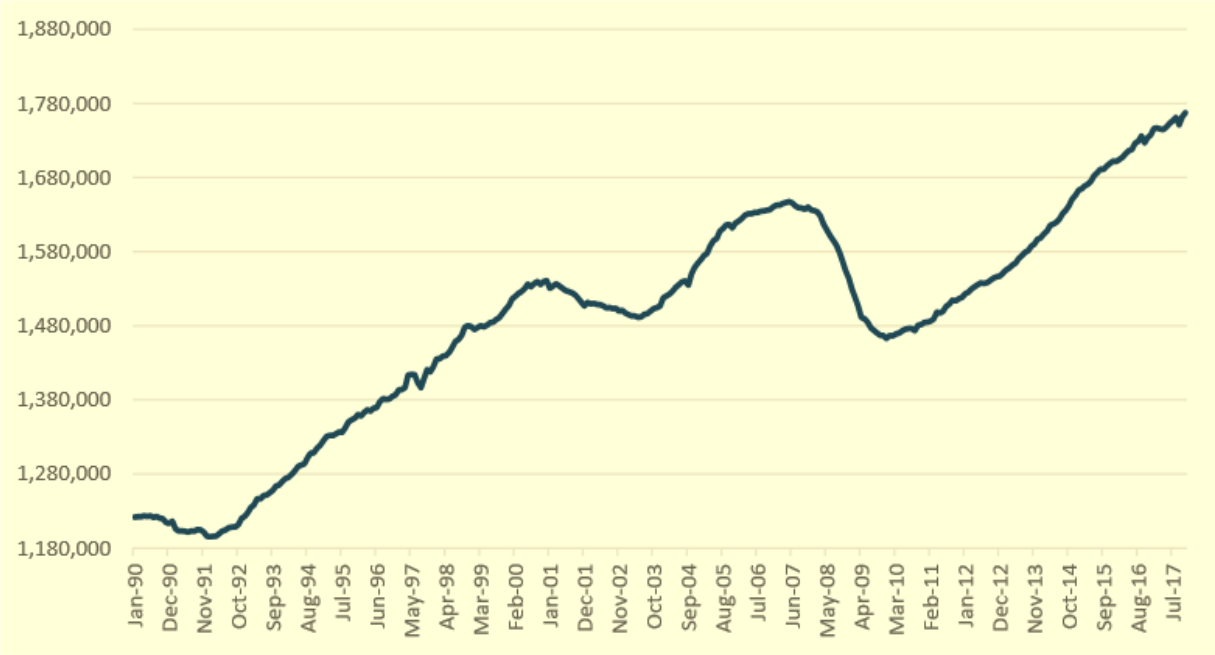
Source: Florida Department of Economic Opportunity, Bureau of Labor Market Statistics, December 2017

Trade, Transportation and Utilities:

"This industry is heavily dependent on tourism and the general economic vitality of the state's economy. The industry peaked in May 2007 at 1,647,600 jobs and began a rapid decline until 2010. Currently, industry employment is 120,000 jobs above its 2007 peak.

In November 2017, employment was 1,767,600. The over-the-year change in November 2017 (+33,500 jobs, +1.9 percent) was 1,400 less when compared to November 2016 (+34,900, +2.1 percent). The number of jobs in this sector has been trending upward over the past seven years."

Figure 2.25 Florida Trade, Transportation and Utilities Employment, Seasonally Adjusted



Source: U.S. Department of Labor, Bureau of Labor Statistics, Current Employment Statistics Program, December 2017.

Skill Boss
Required for MSSC's CPT+ Logistics Certification and used to assess skills in the fields of Safety, Quality, Production Processes, and Maintenance Awareness. Requires 120V/60Hz/1ph electrical, 33934 Hand Tool Package, Customer-Supplied Grease and Oil for Maintenance, and Compressed Air. Recommended 82-610 Mobile Technology Workstation or equivalent. Includes: (1) Operator Station, (1) Parts Feeder, (1) Aluminum Work Surface with Handles, (1) Pick and Place Robot, (1) Maintenance and Installation Guide, (1) Assessment Guide.

Cost: $15,841.00

Hand Tool Package 1 – Mechanical
For Skill Boss Learning System
Includes: (1) Socket Set; (1) Torque Wrench; (2) Combination Wrench; (1) Screwdriver Set; (1) 6" Rule; (1) Allen Wrench Set; (10) Corrosion Inhibiting Wrap; (1) 6" Dial Calipers; (1) Feeler Gauge; (1) Dead Blow Hammer; (1) Leather Gloves; (1) Wax Crayon and Holder; (1) Magnifier; (1) Nylon String; (1) Oil; (1) Keyway Punch; (1) Rubber Gloves; (1) Spring Scale; (1) Tape Measure; (1) Thread locker; (1) 3-Drawer Tool Box; (1) Utility Knife; (2) Wire Brush Sets; (1) Masking Tape; (1) Scissors. **Cost: $1214.00**

Mobile Technology Workstation, Type 1, Gray Surface Plus Cabinet, 6 Foot
Includes: (1) Welded Steel Frame; (1) Gray Laminated Work Surface; (1) Locked Storage Cabinet; (4) Casters. Dimensions: 30"H x 30"W x 72"L. For Skill Boss Learning System.

Cost: $1555.00

eLearning Individual Library Subscription - 12 Months
Subscription access to all courses for 12 months from individual start date. Available to all organizations in any quantity. Requires each individual subscription to start on order date or alternate date specified that is within one year of purchase: subscription start date can vary. Also requires high speed web access and a PC. Includes: Individual subscription access to eLearning library content for a period of 12 months, with the option to use courses with equipment-based content, courses without associated hardware, or both.

Cost: $300.00 per person x 70 students = $2100.00

Rigging 1 Learning System
Includes: (1) Gantry Crane with Rigging Storage System; (1) Electric Wire Rope Hoist and Trolley; (1) Hand Chain Hoist; (1) Load Package including various types of loads, fixtures; (1) Wire Rope Sling Package; (1) Chain Sling Package; (1) M18689 Student Curriculum - Interactive PC-Based Multimedia; (1) C18689 Instructor's Guide; (1) D18689 Installation Guide; (1) H18689 Student Reference Guide.

Cost: $15,626.00

Hand Tool Package – Rigging For Rigging 1 Learning System
Includes: (1) Socket Set; (1) Torque Wrench; (1) Combination Wrench; (1) Wire Cutter; (1) Dial Calipers; (1) Dead Blow Hammer; (2) Hard Hat; (2) Leather Gloves; (1) Nylon String; (1) Oil; (1) Tape Measure; (3) 3-Drawer Tool Box; (1) Utility Pliers; (1) Chalk; (1) Scissors

Cost: $ 1270.00

Rigging Ladder
For Rigging 1 Learning System **Cost: $464.00**

Floor-Standing Belt Conveyor Learning System
Goes with the Mechanical Drives 1 Learning System - Full Bench. Includes: (1) Industrial Belt Conveyor with 70-inch length, 12-inch width; (1) Freestanding legs, 27-39 inches adjustable belt elevation; (1) Safety guards; (1) Start/stop control; (1) 1/3 hp electric drive 115 VAC, 1ph, 50/60 Hz with chain drive; (1) Crown Pulley design, adjustable tension control, adjustable tracking control; (1) 18424 Student Learning Activity Packet; (1) H19712 Student Reference Guide.
Cost: $5921.00

Mechanical Drives 1 Learning System - Full Bench (Goes with conveyor belt system)
Requires 41210 Hand Tool Package and 120V/60Hz/1ph electrical. Includes: (1) Mobile Workstation; (1) Motor Control Unit; (1) Constant Speed Drive Motor; (1) Variable Speed Motor; (1) Lockout/Tagout Package; (1) Shaft Panel 1; (1) Shaft Panel 2; (1) Belt Drive Panel 1; (1) Gear Drive Panel 1; (1) Chain Drive Panel 1; (1) Prony Brake; (1) Digital Tachometer; (1) Alignment/Measurement Package; (1) Indicator Package Level 1; (2) Guard Assemblies; (1) Multi-Drawer Storage Unit; (1) BB502 Student Learning Activity Packet; (1) CB502 Instructor's Guide; (1) DB502 Installation Guide; (1) HB502 Student Reference Guide **Cost: $16,193.00**

SubTotal for all training equipment: $60,184.00

Instructor Training Sessions
$1000 per day, 2-3 days per learning system (Rigging System, Mechanical Drives System, Conveyor Belt System, Skill Boss System). Also, a summer institute (approx. $1000.00)
Instructor Training Cost: $10,000.00

Total Cost of all training materials, learning systems and instructor training: $70,184.00
(Budget item A.5)

Brevard Adult Education Career and Technical Center Concept Drawing



ECONOMIC DEVELOPMENT COMMISSION
FLORIDA'S SPACE COAST

March 21, 2018

The Honorable Rick Scott
Executive Office of the Governor
400 South Monroe Street
Tallahassee, FL 32399

Dear Governor Scott:

The Economic Development Commission of Florida's Space Coast (EDC) strongly supports Brevard Public Schools Department of Adult and Community Education effort to obtain a Florida Job Growth grant. The project goal is to build a technical vocational training center equipped with the technology and capacity necessary to train and develop a pipeline of adult workers with the talent to meet the needs of regional logistics and manufacturing industries.

The planned technical vocational training center will be centrally located in Cocoa, Florida. The center will economically support the area's workforce training needs and produce highly-skilled workers. The center will house industry equipment, and students will use the equipment and specialized training to gain first-hand experience needed to compete in the growing local industries. The experience gained will enable them to obtain nationally recognized industry credentials. Local employers such as Port Canaveral, Kennedy Space Center, Melbourne Airport and Brightline/Florida East Coast industries will have a pool of qualified workers matched to the demands of growing local industries resulting in an estimated need for more than 1,200 new employees. Employers will benefit greatly by hiring certified adult workers who do not require additional training that results in more cost and time.

A technical vocational training center with a focus on manufacturing and logistics will enable Brevard Adult and Community Education to develop a highly skilled workforce with industry certification and better employability skills. Additionally, such a center in Brevard County will strengthen the Space Coast's position as a technology leader, adding to Florida's attraction as a top business destination.

The EDC encourages consideration of this worthy cause, fully supports this application and respectfully requests the funding of this important project for our region.

Please do not hesitate to contact me if I can be of additional assistance.

Sincerely,

Lynda Weatherman
President & CEO

CareerSource BREVARD

careersourcebrevard.com

March 5, 2018

The Honorable Rick Scott
Executive Office of the Governor
400 S. Monroe Street
Tallahassee, FL 32399

Dear Governor Scott:

We strongly support Brevard Public Schools Department of Adult and Community Education effort to obtain a Florida Job Growth grant. The project goal is to build a technical vocational training center equipped with the technology and capacity necessary to train and develop a pipeline of adult workers with the talent to meet the needs of regional logistics and manufacturing industries.

The planned technical vocational training center will be centrally located in Cocoa, Florida. The center will economically support the area's workforce training needs and produce highly-skilled workers. The center will house industry equipment, and students will use the equipment and specialized training to gain first-hand experience needed to compete in the growing local industries. The experience they gain will enable them to obtain nationally recognized industry credentials. Local employers such as Port Canaveral, Kennedy Space Center, Melbourne Airport, and Brightline/Florida East Coast Industries will have a pool of qualified workers matched to the demands of growing employment requirements of these industries. Local industries are growing and this demand will result in an estimated need for more than 1,200 new jobs. By training and certifying adult workers, employers will benefit greatly from hiring personnel who do not require additional cost or time needed for additional training.

A technical vocational training center with a focus on manufacturing and logistics will enable Brevard Adult and Community Education to develop a highly skilled workforce with industry certifications and better employability skills. Additionally, a technical vocational training center in Brevard County will also strengthen the Space Coast's position as a technology leader, while adding to Florida's attraction as a top business destination.

I encourage consideration of this worthy cause. We fully support this application and respectfully request the funding of this important project for our region.

If I can be of assistance, please do not hesitate to contact me at the address below.

Sincerely,

Marci Murphy

Marci Murphy
President
CareerSource Brevard

City Manager's Office
65 Stone St. I Cocoa, FL 32922
Phone: (321) 433-8686 I Fax: (321) 433-8690

April 17, 2018

Cissy Proctor
Executive Director
Florida Department of Economic Opportunity
Florida Job Growth Fund
107 East Madison Street
Caldwell Building
Tallahassee, Florida 32399-4120

RE: Logistics Training Center - Florida Job Growth Fund-Workforce Development Grant
Brevard Public Schools Adult and Community Education

Dear Ms. Proctor,

The City of Cocoa enthusiastically supports the establishment of the Brevard Public Schools Logistics Training Center, through a grant from the Florida Job Growth Fund. A dedicated career and technical training facility that educates, certifies, and secures employment for adult students will be an empowering element enabling our residents and our businesses to thrive.

The establishment of a Logistics Training Center is consistent with and meets all of the City's Strategic Planning Objectives to "Foster a Skilled Work Force". In the 2015 City of Cocoa Economic Base Analysis completed by the Balmoral Group, it was noted that Cocoa's location, with its proximity to major interstates, ports and metropolitan areas, is in prime position to attract new employers and expand its economic base. Surveys of investment, supply chain and site selection experts recommended that a key sector focus for the City of Cocoa would be trade, transportation and the warehousing/logistics/distribution sectors. Specifically those that serve our existing manufacturing base.

A substantial portion of Cocoa's workforce remains unemployed despite increasing business interest and investment in the area. Low high school education attainment, and lack of supplemental entry level certified training programs continue to be barriers to employment. There is a persistent and growing mismatch between the level of skills that workers possess and the skills businesses require. The long-term negative impacts of this "skills gap" on workers, families, and businesses in Cocoa and Brevard County are potentially profound and far reaching. The creation of a Logistics Training Center in Cocoa is a critical component of economic competitiveness, growth, and vitality for the City of Cocoa and the Space Coast region.

The City staff is seeking a financial commitment from its City Council. If approved the City would enter into a Memorandum of Understanding (MOU) with Brevard Public Schools (BPS) to fund a significant portion of this project. The MOU would outline the following terms and conditions to be included in a capital contribution agreement with the City of Cocoa:

- A one-time City of Cocoa construction capital grant and permitting fee assistance of up to $100,000 as a total contribution.
- An annual operating subsidy of $10,000 from the City of Cocoa with an initial commitment of 5-10 years, subject to annual performance reviews.
- In kind marketing services from the City of Cocoa to co-market and promote the Logistics Training Center.
- Up to 25% of the students would be Cocoa residents, having a residency of at least 12 months. If this goal cannot be met, the operating subsidy commitment, would still remain in force.
- Cocoa students would have a first right to participate in both the full time and or part time programs at the Training Center.
- Cocoa residents will receive a full or partial scholarship from the School to cover tuition, on a formula and scoring criteria basis (to be structured).

The City seeks to enrich the quality of life for its unique and diverse community through various economic and community development strategies. This grant is an important opportunity for the Florida Department of Economic Opportunity Job Growth Fund, Brevard Public Schools and the City of Cocoa to make a significant human capital investment and foster greater economic resiliency.

Please contact me if you need additional information about the City of Cocoa or have questions regarding support of the School Board's application.

Sincerely,

Matthew Fuhrer
Assistant City Manager

2019-2020 Florida Job Growth Grant Fund
Workforce Training Grant Proposal

Proposal Instructions: The Florida Job Growth Grant Fund Proposal (this document) must be completed and signed by an authorized representative of the entity applying for the grant. Please read the proposal carefully as some questions may require a separate narrative to be completed. If additional space is needed, attach a word document with your entire answer.

Entity Information

Name of Entity: _____

Federal Employer Identification Number (if applicable): _____

Primary Contact Name: _____

Title: _____

Mailing Address: _____

_____

Phone Number: _____

Email: _____

Secondary Contact Name: _____

Title: _____

Phone Number: _____

Workforce Training Grant Eligibility

Pursuant to 288.101, F.S., the Florida Job Growth Grant Fund was created to promote economic opportunity by improving public infrastructure and enhancing workforce training. This includes workforce training grants to support programs offered at state colleges and state technical centers.

Eligible entities must submit proposals that:

- Support programs and associated equipment at state colleges and state technical centers.
- Provide participants with transferable and sustainable workforce skills applicable to more than a single employer.
- Are offered to the public.
- Are based on criteria established by the state colleges and state technical centers.
- Prohibit the exclusion of applicants who are unemployed or underemployed.

1. Program Requirements:

(If additional space is needed, attach a word document with your entire answer.)

Each proposal must include the following information describing how the program satisfies the eligibility requirements listed on page 1.

A. Provide the title and a detailed description of the proposed workforce training.

B. Describe how this proposal supports programs at state colleges or state technical centers.

C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.

D. Describe how this proposal supports a program(s) that is offered to the public?

E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.

F. Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals?

☐ Yes ☐ No

G. Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of program completers anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training.

---

2. Additional Information:

(If additional space is needed, attach a word document with your entire answer.)

A. Is this an expansion of an existing training program? ☐ Yes ☐ No

If yes, please provide an explanation for how the funds from this grant will be used to enhance the existing program.

B. Does the proposal align with Florida's Targeted Industries?
(View Florida's Targeted Industries here.) ☐ Yes ☐ No

If yes, please indicate the specific targeted industries with which the proposal aligns.
If no, with which industries does the proposal align?

C. Does the proposal align with an occupation(s) on the Statewide Demand Occupations List and/or the Regional Demand Occupations List?
(View Florida's Demand Occupations Lists here.) ☐ Yes ☐ No

If yes, please indicate the specific occupation(s) with which the proposal aligns.
If no, with which occupation does the proposal align?

D. Indicate how the training will be delivered (e.g., classroom-based, computer-based, other).

If in-person, identify the location(s) (e.g., city, campus, etc.) where the training will be available.

If computer-based, identify the targeted location(s) (e.g. city, county, statewide, etc.) where the training will be available.

E. Indicate the number of anticipated annual enrolled students and completers in the proposed program.

F. Indicate the length of program (e.g., quarters, semesters, weeks, etc.), including anticipated beginning and ending dates.

Begin Date:_____ End Date:_____

G. Describe the plan to support the sustainability of the program after grant completion.

H. Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code and the percent of completers in each code, corresponding with Section E.

I. Does this project have a local match amount?

◉ Yes ○ No

If yes, please describe the entity providing the match and the amount. (Do not include in-kind.)

J. Provide any additional information or attachments to be considered for the proposal.

3. Program Budget

(If additional space is needed, attach a word document with your entire answer.)

Estimated Costs and Sources of Funding: Include all applicable workforce training costs and other funding sources available to support the proposal.

1.) Total Amount Requested **$** _____
Florida Job Growth Grant Fund

A. Other Workforce Training Project Funding: Sources:

City/County $ _____

Private Sources $ _____

Other (grants, etc.) $ _____ Please Specify: _____

Total Other Funding **$** _____

B. Workforce Training Project Costs:

Equipment $ _____

Personnel $ _____

Facilities $ _____

Tuition $ _____

Training Materials $ _____

Other $ _____ Please Specify: _____

Total Project Costs **$** _____

Note: The total amount requested must be calculated by subtracting the total Other Workforce Training Project Funding Sources in A. from the total Workforce Training Project Costs in B.

C. Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding, how equipment purchases will be associated with the training program, if applicable, and any other pertinent budget-related information.

---

4. Approvals and Authority

(If additional space is needed, attach a word document with your entire answer.)

A. If entity is awarded grant funds based on this proposal, what approvals must be obtained before it can execute a grant agreement with the Florida Department of Economic Opportunity (e.g., approval of a board, commission or council)?

B. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and the Florida Department of Economic Opportunity:

i. Provide the schedule of upcoming meetings for the group for a period of at least six months.
ii. State whether entity is willing and able to hold special meetings, and if so, upon how many days' notice.

C. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc.

I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity and to the best of my knowledge, that all data and information submitted in proposal is truthful and accurate and no material fact has been omitted.

Name of Entity: _____

Name and Title of Authorized Representative: _____

Representative Signature: _____

Signature Date: _____

MINUTES

CITY OF COCOA
SPECIAL MEETING OF THE CITY COUNCIL
BUDGET WORKSHOP

April 23, 2018

A Budget Workshop was held on Monday, April 23, 2018, in City Council Chambers at Cocoa City Hall, 65 Stone Street, Cocoa, Florida as publicly noticed.

I. OPENING MATTERS:

Deputy Mayor Blanco called the workshop to order at 5:35 p.m.

Councilman Whipple provided the invocation. Councilman Boisvert led the assembly in the Pledge of Allegiance.

Present:	Jeri Blanco	Deputy Mayor
	Brenda Warner	Councilwoman
	Clarence Whipple	Councilman
	Don Boisvert	Councilman
	John Titkanich, Jr.	City Manager
	Matt Fuhrer	Assistant City Manager
	Monica Arsenault	Assistant City Clerk
Absent:	Henry U. Parrish III	Mayor
	Anthony Garganese	City Attorney

Other Staff Members Present:

Tammy Gemmati, Administrative Services Director; Jack Walsh, Utilities Director; Nancy Bunt, Deputy Community Services Director; Gene Prince, Fire Chief; Jonathan Lamm, Deputy Fire Chief; Michael Cantaloupe, Chief of Police; Lora Howell, Interim Finance Director; and Lea Taylor, Budget Analyst.

II. WORKSHOP TOPICS:

1. Budget Presentation

City Manager Titkanich explained that the purpose of the workshop is to lay the foundation for the FY19 budget. He explained that projections, priorities, and influencing factors that will affect the budget need to be discussed as well as to obtain direction from Council. Lastly, there will be discussion held on the FY19 Budget Calendar.

He noted that information regarding upcoming budget meetings has been posted on social media to encourage the attendance and input of the community.

City Manager Titkanich mentioned that the City received a Certificate of Achievement for Excellence in Financial Reporting in 2017 from the Government Finance Officers Association. The City was also assigned the Aa2 rating from Moody's Investors Service. He noted that the City of Orlando only received a rating of Aa1. He stated that he feels the City is off to a good start and is on the right track towards fiscal sustainability.

Councilman Whipple inquired about the ranking of the ratings. In response, City Manager Titkanich explained that Aa2 is the third highest ranking and Aa3 is the highest ranking that can be achieved.

City Manager Titkanich shared a snapshot of the current budget. He stated that revenues are at forty-seven percent and the expenses are at forty-five percent in the General Fund. He explained that revenues are at thirty-six percent and expenses are at forty-one percent in the Water/Sewer Fund, however there is a one week lapse that has not been accounted for as the numbers were not completed in time. Additionally, revenues are at thirty-eight percent and expenses are at forty-one percent in the Stormwater Fund.

City Manager Titkanich explained external factors and challenges. This includes the Consumer Price Index, Municipal Cost Index, Construction Cost Index, along with wages, salaries and compensation for state and local government workers. Additionally, the passage of Amendment 1, which is the Expanded Homestead Exemption, catastrophic claims, an increase in health insurance, and natural disasters pose as challenges. He stated that the City still has not received full reimbursement for Hurricane Matthew and the City has not received any money for Hurricane Irma. Furthermore, he explained that there are still expenses that have not hit the books yet that will effect both the Utilities Fund and the General Fund reserves. He stated that there is no definite date as of yet as to when the City will receive reimbursement.

Councilman Whipple asked for additional information regarding the status of the reimbursement from the hurricanes. In response, Ms. Lora Howell provided an update. She stated that the City has received a large portion of funds from Hurricane Matthew; however, there is still approximately one hundred and forty thousand dollars left to be received. This is reimbursement for two outstanding categories, one of them being debris. She stated the City is still working through the process of receiving funds for Hurricane Irma and staff works with FEMA every week to keep the process moving. She noted that even though it is a cumbersome process it seems to be moving along smoothly so far.

City Manager Titkanich provided a brief history leading up to the current budget. In FY15 Stantec worked collaboratively with City staff to develop a Fiscal Sustainability Model. The City was able to use the modeling process to assess options for the fund's sustainability over a ten year projection period. He explained that the City worked with Stantec to update the model for the upcoming FY19 Budget Process. This process involved updating and validating projections, looking at capital funding availability, and evaluating FY19 Utility rates and Millage and Fire assessment rates.

He explained the basis for FY19 General Fund analysis. He explained that in order to determine the preliminary FY19 budget staff utilized the amended FY18 budget, the FY17 CAFR, and extrapolated existing revenues for FY19 projections. Staff took into account departmental requests and projected expenses for future fiscal years through FY2027. He explained that the idea is to maintain the Fund Balance, or Reserves, equal to four months of O&M expenses. City Manager Titkanich mentioned the Capital Improvements Program (CIP) which is a five year program. Each department has submitted their requests. He stated that the CIP review is underway.

City Manager Titkanich noted the budget expenses and revenue drivers. He mentioned that there is an ARC increase in Public Safety Pensions, however, it is important to note that the City is still below thresholds enacted through Pension Reform.

City Manager Titkanich explained the uses of the General Fund balance. He stated that per the Fund Balance Policy, reserves are used for capital expenses only, they cannot sustain recurring expenses. The fund balance must be preserved at the minimum reserve requirement. Furthermore, the City can continue use for catalytic Capital/Economic projects to enhance overall City growth and quality of life.

He shared personnel requests subject to funding availability. The requests are as follows:

- Community Services:
  - Convert Contract Services to FTE or Building and Permitting
- Finance:
  - Customer Service Representative in FY19
  - Staff Accountant (mid-year FY19, TCR/SJR Regional Project)
- Fire:
  - Training Officer (Part-Time GE-12)
- Police:
  - 1 Detective (CPSM Study)
  - 1 Administrative Specialist for Support Services/CID (CPSM Study)
  - 1 Code Enforcement Officer
  - 2 School Resource Officers
- Public Works:
  - 2 Maintenance Workers
  - 1 Fleet Technician
  - Assistant Manager Streets/Stormwater

City Manager gave his recommendations on which items should be prioritized. They are as follows:

- Community Services:
  - Convert Contract Services to FTE or Building and Permitting
- Police:
  - 1 Administrative Specialist for Support Services/CID (CPSM Study)
  - 1 Code Enforcement Officer
- Public Works:

- 2 Maintenance Workers
- Assistant Manager Streets/Stormwater

Councilman Whipple asked how many employees are currently working in the Building Department. In response, City Manager Titkanich explained that there is only one Building Official, one Building Inspector, one Permitting Technician and one Plans Examiner. He explained that if this item is approved in the budget than the City would contract with a third party to assist with inspections and plan reviews and it would also allow for an upgrade for the Permitting Technician so that instant issue permits can be done.

Councilman Whipple inquired about the Public Works positions. Additionally, he inquired whether a second Code officer could be hired. In response, Assistant City Manager Fuhrer and City Manager Titkanich explained that these would be new positions, meaning the head count at Public Works would increase or if there are any positions that are currently "frozen" they would become "unfrozen". In regards to a second Code officer, City Manager Titkanich stated that there are already three officers, one of which is the Code Enforcement Manager. If the budget is approved, this would allow for one additional Code Officer.

City Manager Titkanich reviewed community based requests. These include:

- Cocoa Logistics Training Center – Clearlake Education Center
  - Partnership with BPS subject to FL DEO Job Growth Grant
  - Consistent with 2015 City Economic Base Analysis and Strategic Plan Economic Development Goal 2, Objective 2.1
  - $100,000 capital construction grant
  - Annual operating contribution of $10,000
  - Certified Logistics, Welder, Heavy Equipment Operators, Warehouse Management, Inventory Management, Port and Railroad Worker Training
    - Up to 25% of students would be Cocoa residents, first right to participate

City Manager Titkanich recommended support through Assigned Economic Development Catalyst Funds.

City Manager Titkanich noted that Principal Rachad Wilson from Cocoa High School had met with members of Council to discuss the potential assistance the City could offer in funding several school initiated projects. They are as follows:

- Rubberized track - $145,000 ($120,000)
  - BPS provides $25,000 for School Initiated Projects
- Turf Field - $185,000 ($160,000)
  - BPS provides $25,000 for School Initiated Projects
- Gym Bleachers - $85,000 ($60,000)
  - BPS provides $25,000 for School Initiated Projects

City Manager Titkanich stated that the total request is for $400,000, which would be $80,000 per year for five years. He recommended that Council delay commitment until the outcome of Amendment 1 and that the maximum commitment match BPS contributions.

Discussion was held among Council regarding the request from Cocoa High School. Deputy Mayor Blanco stated that Cocoa High is already known for their strong athletic programs and if the City assists with paying some of the costs of these projects it will help raise the quality of these programs even more.

Councilwoman Warner stated that at the very least, she would like to see the City assist Cocoa High School with some of their fund raising for these projects.

For the purpose of planning the upcoming budget, City Manager Titkanich asked if there was a consensus among Council to commit funds to match BPS contributions for the upcoming budget year and then coming back next fiscal year to consider additional commitments thereafter.

A consensus was made among Council to agree to the recommendation made by the City Manager.

City Manager Titkanich explained that staff will be reviewing Capital Improvement Plan projects for Public Works. He reviewed the budget prioritization in terms of imperative priorities, essential priorities, important priorities, and desired priorities.

He discussed the Financial Analysis Management System (FAMS) model for the General Fund. He noted that this is a preliminary analysis. He provided a brief background and stated that this is a mid-year update to provide preliminary rate plan adjustments utilizing current available data. He explained that this will be updated again with the FY19 budget once it is available. He stated that the prior year analysis showed that the General Fund will be sustainable over the next ten years and it is able to fund the capital projects that were discussed last year, that were included in the model, but were not included in the budget.

City Manager Titkanich reviewed the Budget Development Philosophy for FY19. He noted that in FY15 and FY16 the focus was on public safety and in FY17 and FY18 the focus was on community improvements and infrastructure. In FY19 the focus will be on community improvements and employee investments. This includes:

- Maintain/enhance current LOS
- In addition to providing negotiation raises, provide for level of market equity adjustments for those employees who were hired before implementation of Pay Plan adopted in 2015, and who haven't already received market rate adjustments
- Maintain employee benefits at reasonable levels
- Strategic use of Fund Balance Reserves
- Work in collaboration with CRAs to implement certain redevelopment projects

- Diamond Square CRA – Dr. Joe Lee Smith Center
- Cocoa CRA – updated Waterfront Master Plan

Council expressed their pleasure in providing raises to long standing employees and having competitive rates to encourage people to come and work for the City.

A consensus was made by Council to agree to the proposed Budget Development Philosophy for FY19.

Councilman Whipple inquired about establishing a Key to the City program. In response, City Manager Titkanich explained that this would need to be included in the City Clerk's budget. Councilman Whipple stated that the program would need a policy established and certain requirements would need to be met.

City Manager Titkanich explained the FY19 General Fund revenue assumptions. They are as follows:

- Millage Rate – maintain at 5.9790 mills
- Fire assessment – return to 3% increase from last year's 5% increase
  - FY18 additional increase related to unanticipated higher than projected Debt Service for Fire Protection Assessment Revenue Bonds
- Strategic use of unassigned fund balance for one-time capital and non-recurring expenditure

City Manager Titkanich shared a General Fund trend over the next ten years. He explained that the current analysis shows continued sustainability of the fund.

He asked Council if there is a preliminary consensus for the following:

- Maintain the current Millage Rate at 5.9790
- Preliminary Tax Roll will not be received from BCPA until June 2018
- FY19 projected 3% Fire Assessment Rate increase
  - Reduction from FY18 5% increase to account for higher than projected debt service

A consensus was made by Council to agree to the proposed preliminary recommendations made by the City Manager.

City Manager Titkanich pointed out key observations in regards to the General Fund. The observations include:

- Current analysis shows continued sustainability of the Fund
- New Homestead Exemption included in analysis
- Approximately $110,000 dollars in Ad Valorem revenues lost in FY2021
- Unanticipated costs associated with Hurricane Irma utilized available reserves
- Slightly less available funds for Catalytic projects
  - Total 10-year CIP: $32.5 million

- Prior plan: $34 million

City Manager Titkanich asked Council for a preliminary consensus to approve the following:

- Millage Rate
  - Maintain current millage rate – 5.9790
  - Preliminary tax roll will not be received from BCPA until June 2018
- Fire Assessment Rate
  - FY19 projected 3% increase
    - Reduction from FY18 5% increase to account for higher than projected debt service

A consensus was made by Council to agree to the proposed preliminary recommendations made by the City Manager.

City Manager Titkanich discussed key observations in regards to the Water and Sewer Fund. The observations include:

- Preliminary 5% annual rate adjustments
- Additional revenues to offset reduced water sales
- Funds higher level of near-term debt for capital needs
- Provides strong debt service coverage
- Maintains reserve balances above minimum target (5 months O&M costs)

Key issues are as follows:

- Minimum Rate Plan: 3.5% annual rate adjustments
- Would require significantly higher levels of borrowing for future capital needs
- Shows weakened debt service coverage to minimum levels
  - 1.5 coverage ratio as minimum
  - 2.0 recommended
- Lesser available emergency reserves than recommended adjustments
  - Reserves used for capital and debt service

City Manager Titkanich spoke about the Water and Sewer Fund trend over the next ten years.

He asked if there is a consensus among Council to accept the preliminary utility rate. Council agreed.

In closing, City Manager Titkanich shared the following announcements:

- June 28, 2018 at 5:30pm - Fiscal Sustainability Update/Budget Priority Workshop
- July 10, 2018 - at 6:00pm - TRIM Hearing to set the tentative ad valorem millage rate
- July 16, 2018 - City Council provided the FY 2019 Budget/CIP Workbooks NLT

- August 8, 2018 at 5:30pm - FY 2018 Budget/CIP Workshop
- August 28, 2018 @ 6:00 p.m.
  - Resolution – Stantec Utility Rate Study/Rate Increase
  - Resolution – Fire Protection Assessment
- September 5, 2018 at 5:30pm – 1st Public Hearing
  - Vote for a Proposed Millage Rate
  - Vote on the Proposed FY2019 Budget
- September 13, 2018 at 5:30pm - 2nd Final Public Hearing
  - Adopt Millage Rate
  - Adopt the FY2019 Budget

City Manager Titkanich asked if there were any additional questions or comments. There being no response, the meeting was adjourned.

III. ADJOURNMENT:

* **MOTION by Councilman Boisvert; Seconded by Deputy Mayor Blanco, to adjourn the Special Meeting of the City Council of April 23, 2018.**

AYES: Boisvert, Warner, Blanco, Whipple

THE MOTION CARRIED UNANIMOUSLY (4-0)

The Budget Workshop adjourned at 7:09 p.m.

Henry U. Parrish III, Mayor

ATTEST:

Carie Shealy, City Clerk
(Transcribed by M. Arsenault, Assistant City Clerk)

Legislation Details (With Text)

File #:	19-440	**Version:**	1	**Name:**	
Type:	Report			**Status:**	Multi-Year Contract
File created:	9/13/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	

Title: Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving, Inc. in the amount of $181,534.10 for the milling, paving and striping of Pineda Street from Dixon Blvd to Peachtree Street ,(Project #PW20PS), utilizing Brevard County Bid # B4-18-50, effective June 21, 2019 through June 20, 2020. Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving in the amount of $76,276.20 utilizing Brevard County Bid # B4-19-07 effective January 14, 2019 to January 13, 2022 for the demolition and reconstruction of non-compliant ADA ramps, sidewalks and curbing on Pineda Street from Dixon Blvd to Peachtree Street. Authorize the City Manager to approve any change orders up to $50,000 for any additional work as needed. Pending the approval of Fiscal Year 2020 Budget. (Public Works Director)

Sponsors:

Indexes:

Code sections:

Attachments:
Goodson Milling &Paving Quote.pdf
Goodson ADA Ramps Quote.pdf
Goodson Renewal Asphalt.pdf
Goodson Bid Tab Asphalt.pdf
Goodson Concrete Award.pdf
Goodson Concrete Bid Tab.pdf
Asohalt Paving Contract Original.pdf
Concrete Curb and Gutter Contract.pdf

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 13, 2019
Agenda Date: September 25, 2019
Prepared By: Michael Giorgio Division Manager
Through: Everett Wegerif P.E. Public Works Director/City Engineer
Requested Action:
Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving, Inc. in the amount of $181,534.10 for the milling, paving and striping of Pineda Street from Dixon Blvd to Peachtree Street ,(Project #PW20PS), utilizing Brevard County Bid # B4-18-50, effective June 21, 2019 through June 20, 2020. Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving in the amount of $76,276.20 utilizing Brevard County Bid # B4-19-07 effective January 14, 2019 to January 13, 2022 for the demolition and reconstruction of non-compliant ADA ramps, sidewalks and curbing on Pineda Street from Dixon Blvd to Peachtree Street. Authorize the City Manager to approve any change orders up to

$50,000 for any additional work as needed. Pending the approval of Fiscal Year 2020 Budget.

BACKGROUND:

Pineda Street is a heavily traveled street connecting Peachtree Street to Dixon Blvd. Vehicle traffic consists of automobiles, trucks and school busses. In addition, the sidewalk is used by many children to walk to and from school. The roadway has deteriorated from the heavy traffic, utility repairs and age. The sidewalk is in poor condition and most of the curb ramps are not ADA compliant. City staff is seeking a $50,000 contingency in the event there are deficiencies uncovered during the construction process related to the roadway and sidewalks. This work will be in addition to the City's annual re-paving program.

STRATEGIC PLAN CONNECTION:

New paving and striping will create a safer driving environment and ADA Compliant curb ramps are safer for pedestrian traffic

BUDGETARY IMPACT:

Budgeted Yes Choose an item.

FY 2020 Budget

Milling and Paving of Pineda Street:

Amount Requested	$181,535
Account Number	001-3510-541.46-00 PW20PS
Account Name	Infrastructure

Demo and Reconstruction of ADA Compliant ramps, sidewalks and curbing on Pineda Street:

Amount Requested	$76,277
Account Number	001-3510-541.46-00 PW20PS
Account Name	Infrastructure

Allow the City Manager to Approve Change Orders up to $50,000:

Amount Requested	$50,000
Account Number	001-3510-541.46-00 PW20PS
Account Name	Infrastructure

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to

Goodson Paving, Inc. in the amount of $181,534.10 for the milling, paving and striping of Pineda Street from Dixon Blvd to Peachtree Street ,(Project #PW20PS), utilizing Brevard County Bid # B4-18 -50, effective June 21, 2019 through June 20, 2020. Approve entering into a co-operative purchase agreement with, and issuing a Purchase Order to Goodson Paving in the amount of $76,276.20 utilizing Brevard County Bid # B4-19-07 effective January 14, 2019 to January 13, 2022 for the demolition and reconstruction of non-compliant ADA ramps, sidewalks and curbing on Pineda Street from Dixon Blvd to Peachtree Street. Authorize the City Manager to approve any change orders up to $50,000 for any additional work as needed. Pending the approval of Fiscal Year 2020 Budget.

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Goodson Paving, Inc.

P.O. Box 236067
Cocoa, FL 32923-6067

Telephone: (321) 631-5523 / FAX (321) 639-0497

September 10, 2019

TO: City of Cocoa Public Works

ATTN: Mike Giorgio

FROM: Chris Brunais

RE: Pineda St. Milling & Paving (#6773)

PROPOSAL

Scope of Work:

Milling and paving with SP-9.5 asphalt on Pineda Street located in Cocoa, FL. This estimate is based on field measured quantities. Payment for these items of work will be made on actual construction quantities determined upon completion of work.

Pineda Street

Milling	14,783 SY @ $2.20	=$ 32,522.60
Pave w/1.5" SP-9.5	1,300 TN @ $85.93	=$111,709.00
Temp Striping	1 LS @ $9,152.00	=$ 9,152.00
Thermo Striping	1 LS @ $28,150.50	=$ 28,150.50
	TOTAL	**=$181,534.10**

Notes:

1. Payment is to be made within 30 days after completion of work. City of Cocoa agrees to pay all costs associated with collection including costs and attorney fees (including those incurred in appellate and bankruptcy proceedings). Past due invoices shall bear interest at 1.5% per month or the highest rate allowable by law, whichever is less.
2. Prices will be honored for 30 days from the date of this proposal.

Notes (cont.)

3. New asphalt pavement takes approximately 60 days to cure. During this period, it is possible for pavement scuffing (i.e. tire marks) to occur as a result of vehicles making hard turns or rapid starting and stopping. This scuffing is more likely to occur in warmer months and will become less visible over time as the pavement lightens in color.
4. Asphalt prices for this proposal are based on the current Brevard County Contract #B-4-18-50.

Exclusions are as follows:

Fees, Bonds or Permits
Weekend, Holiday, or Night Work
Testing
Saw Cutting
Utility Risers
Survey or Layout

APPROVED & ACCEPTED BY:

GOODSON PAVING, INC.:	CITY OF COCOA:
_____	_____
Signature	Signature
_____	_____
Print Name	Print Name
_____	_____
Title	Title
_____	_____
Date	Date

Goodson Paving, Inc.

P.O. Box 236067
Cocoa, FL 32923-6067

Telephone: (321) 631-5523 / FAX (321) 639-0497

September 12, 2019

TO: City of Cocoa Public Works

ATTN: Mike Giorgio

FROM: Chris Brunais

RE: Pineda St. ADA Ramps (#6777)

PROPOSAL

Scope of Work:

This proposal includes the demolition of existing pedestrian walkway ramps and installation of new ADA compliant ramps. This estimate is based on field measured quantities. Payment is to be made based on actual construction quantities determined upon completion of work.

ADA Ramps	37 EA @ $1,245.00	=$ 46,065.00
Demo & Replace Sidewalk	2,952 SF @ $6.85	=$ 20,221.20
Demo & Replace Curb	600 LF @ $16.65	=$ 9,990.00
	TOTAL:	**= $ 76,276.20**

Notes:

1. Due to the escalating cost of fuel and raw materials, pricing will only be valid if the work quoted is completed within 30 days from the date of this proposal. Goodson Paving reserves the right to renegotiate prices on any work that is completed after the 30 days.
2. Payment is to be made within 30 days after completion of work. City of Cocoa agrees to pay all costs associated with collection including costs and attorney fees (including those incurred in appellate and bankruptcy proceedings). Past due invoices shall bear interest at 1.5% per month or the highest rate allowable by law, whichever is less.

Exclusions are as follows:
Fees, Bonds or Permits
Testing

APPROVED & ACCEPTED BY:

GOODSON PAVING:	CITY OF COCOA PUBLIC WORKS:
_____	_____
Signature	Signature
_____	_____
Print Name	Print Name
_____	_____
Title	Title
_____	_____
Date	Date

Brevard COUNTY
Central Services

Florida's Space Coast

Purchasing Services
2725 Judge Fran Jamieson Way, Suite C303
Viera, FL 32940
Telephone (321) 617-7390
Facsimile (321) 617-7391

March 8, 2019

Mr. Travis Goodson
Goodson Paving, Inc.
630 Cidco Road
Cocoa, FL 32926
Email: goodsonpaving@gmail.com

Dear Mr. Goodson:

This letter is to notify you of the intent to renewal **B4-18-50, Asphaltic Concrete.** The effective dates of this renewal will be **6/21/2019 to 6/20/2020.**

If **Goodson Paving, Inc.** is interested in renewing this bid under the same terms, prices and conditions, please respond by signing to the understanding of the renewal for **B4-18-15, Asphaltic Concrete.** A new purchase order will be issued to you to cover the renewal period, if so agreed upon.

I, Travis Goodson, of **Goodson Paving, Inc.** agree to renew subject contract through 6-20-2020 under the same terms, pricing and conditions.

If **Goodson Paving, Inc.** is not interested in renewing this contract, please complete and sign the following statement:

I, _____ _____, of **Goodson Paving, Inc.** do not agree to renew subject contract.

Authorized Vendor Signature	Date 3-11-19

Brevard County looks forward to continuing this relationship with your company. As always, if you have any questions, contact **Jon McLester at 321-617-7390. Please email your response within five business days to Jennifer Smith at** jennifer.smith@brevardfl.gov. Your timely attention to this matter is greatly appreciated.

Sincerely,

Jon McLester
Purchasing Services Supervisor

BID # B-4-18-50/ASPHALTIC CONCRETE
PRICE ADJUSTMENT 2

Primary, Secondary, Third		VA Paving			Goodson Paving			Community Asphalt		
ASPHALTIC CONCRETE	**DESCRIPTION**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**
Superpave SP-9.5	Vendor Delivered, Vendor Placed	$77.60 Ton	$109.01 Ton		$84.11 Ton	$114.51 Ton	$161.50 Ton	$124.01 Ton	$134.01 Ton	$139.01 Ton
Superpave SP-12.5	Vendor Delivered, Vendor Placed	$77.60 Ton	$109.01 Ton	$149.01 Ton	$83.81 Ton	$114.51 Ton	$157.01 Ton	$119.01 Ton	$129.01 Ton	$134.01 Ton
FRICTION COURSE		**ROAD PAVING**			**ROAD PAVING**			**ROAD PAVING**		
Friction Course FC-5	Vendor Delivered, Vendor Placed	$185.71Ton			$182.75 Ton			$184.75 Ton		
Friction Course FC-9.5	Vendor Delivered, Vendor Placed	$110.75 Ton			$119.21 Ton			$160.75 Ton		
Friction Course FC 12.5	Vendor Delivered, Vendor Placed	$108.75 Ton			$116.25 Ton			$145.75 Ton		
SPEED HUMPS SP-9.5	Vendor Delivered, Vendor Placed	$399.01 Ton			$449.01 Ton			$399.01 Ton		
LESS THAN 25 TN PATCHING SP-9.5	Vendor Delivered, Vendor Placed	$299.01 Ton			$299.01 Ton			$499.01 Ton		
25-50 TN PATCHING SP 9.5	Vendor Delivered, Vendor Placed	$224.01 Ton			$269.01 Ton			$299.01 Ton		
TACK FOB Gallon	FOB GALLON	$11.00 Gal			$8.50 Gal			$7.00 Gal		
PRIME	Vendor Delivered, Vendor Placed	$0.65 SY			$0.62 SY			$0.75 SY		
PRIM AND SAND	Vendor Delivered, Vendor Placed	$1.00 SY			$1.20 SY			$0.75 SY		
SAND 3% HOT MIX	Vendor Delivered, Vendor Placed	$300.00 Ton	$3.00 SY		$310.00 Ton	$3.05 SY		$175.00 Ton	$5.00 SY	
HOT ASPHALT FOR PICK UP FOB AT PLANT SP-9.5	FOR PICK UP	$61.51 Ton			N/A			$73.91 Ton		
TEMPORARY STRIPING	**Vendor Schedules and Provides**	$2.00 L.F.			$5.05 LF			$4.00 LF		
Night Work	Cost per ton	$10.00			$18.00			$10.00		
Cost for Milling & Clean Up	SY 0-2,500 and under	$5.00 SY			$5.90 SY			$7.50 SY		
	SY $2,501 - 5,000	$3.00 SY			$3.15 SY			$4.00 SY		
	SY 5,001 to 15,000	$2.50 SY			$2.90 SY			$3.50 SY		
	SY 15,001 and over	$2.00 SY			$2.20 SY			$3.00 SY		
Asphalt Millings for Pickup FOB Plant		$25.00 Ton			$28.00 Ton			$5.35 Ton		

Brevard COUNTY
Purchasing Services

Purchasing Services
2725 Judge Fran Jamieson Way
Building C, Room 303
Viera, Florida 32940

NOTICE OF AWARD

DATE: January 14, 2019

Bid # B-4-19-07/Concrete Sidewalk, Curb and Gutter

PROCUREMENT ANALYST: Jonathan McLester

VENDOR	VENDOR CITY AND STATE	MEETS MINIMUM REQUIREMENTS	ITEMS AWARDED	AWARD AMOUNT
Goodson Paving, Inc.	**Cocoa, FL**	**YES**	**ALL**	**See tabulation**

☐ BOARD AWARD--AGENDA ATTACHED

☒ APPROVED AWARD (NON-BOARD AGENDA): _____
(Per Sections III.E. & III.I. & J., BCC-25, PROCUREMENT) Steven A. Darling Jr., Purchasing Manager

☐ Award to overall lowest, most responsive bidder, minimum three responses received.
☐ Award to other than low, with low bid being non-responsive.
REASON FOR NON-RESPONSIVENESS:
☒ Award to low bid, less than three responses received.
REASON FOR LESS THAN THREE RESPONSES: 293 suppliers solicited through DemandStar, resulting in 14 planholders. Did not receive any "No Bids". Bid has historically little participation.

AWARDED BY A COMMITTEE CONSISTING OF: Steven A. Darling Jr., Purchasing Manager; Jon McLester, Purchasing Supervisor

FOR PURCHASING USE ONLY:
☐ ONE-TIME PURCHASE

☒ ANNUAL BID:
EFFECTIVE DATE: 1/14/2019 ENDING DATE: 1/13/2022
RENEWAL OPTION ☐ One year ☒ Other (fill in) Two (2), One (1) year renewals

☐ Prompt Payment Discount Offered ☐ Yes_____ (Terms) ☒NO
☐ Performance and payment bonds received with construction contract documents.
☐ Release Cashier's or Certified Check Received for Bid Deposit on Bids

SPECIAL INSTRUCTIONS TO AWARDED VENDOR:
☒ Please provide certificate of insurance.
☐ Please provide performance and payment bonds as required.
☐ OTHER:

Brevard COUNTY
Purchasing Services

BID TABULATION SHEET

Bid Title: Concrete Sidewalk, Curb, & Gutter
Bid No: B-4-19-07

OPENING DATE & TIME: 12/13/2018 @ 2:00 PM
POSTING TIME/DATE: 12/21/2018 @ 10:30 PM THROUGH: 12/28/2018 @ 5:00 PM POSTED BY: JMcLester

VENDOR	VENDOR CITY/STATE	BID PRICE
Goodson Paving, Inc.	Cocoa, FL	Per attached

Bid tabulations with award recommendations are posted to VendorLink at www.myvendorlink.com or DemandStar at www.demandstar.com. Brevard County encourages prompt and fair handling of all complaints and disputes with the business community. Filing of any disputes and appeals shall be in accordance with procedures specified in bid documents.

Approval initials _____

CONCRETE SIDEWALK CONSTRUCTION, CURB & GUTTER		
Bid # B-4-19-07 PRICE SHEET		
Award will be based on the cumulative total of five sample projects chosen by Brevard County Public Works. The sample projects chosen will be available to bidders after the bid due date and time.		
ITEM #	Description	Unit Price
	GROUP A - Price by square yard	
1	CONCRETE SIDEWALK CONSTRUCTION-3000 P.S.I. (4" Fiber)/D.O.T. SPECIFICATIONS	$ 32.22
2	CONCRETE SIDEWALK CONSTRUCTION-3000 P.S.I. (6" Fiber)/D.O.T. SPECIFICATIONS square yard price to include concrete driveway aprons construction	$ 36.90
3	12" thick sidewalk per sq. yard to include Truncated Domes (Armor Tile) per ADA	$ 382.75
4	Reinforced 8" Slab w/footer per SY (See Sketch Attached)	$ 94.20
	GROUP B - price by the linear foot	
	CONCRETE CURB - INDEX 300/D.O.T. SPECIFICATIONS	
5	Type A	$ 11.25
6	Type B	$ 10.75
7	Type D/Header	$ 10.05
8	Type E	$ 14.20
9	Type F	$ 13.75
10	Drop Curb (2.0 feet wide)	$ 12.05
11	6"x6" Curb Poured On Existing Surface	$ 9.50
12	Environmental Curb	$ 10.15
	SHOULDER GUTTER - INDEX 300/D.O.T. SPECIFICATIONS	
13	3.5 Feet Wide	$ 22.70
	VALLEY GUTTER - INDEX 300/D.O.T. SPECIFICATIONS	
14	3.5 Feet Wide	$ 22.50
15	Type 1 Concrete Traffic Separator 4' Wide (Price Each)	$ 26.80
	GROUP C (Pre-fab cannot be used)	
	CURB INLET TOPS (New form and pour) per FDOT Index 210 (Price to include frame & grate or ring and covers)	
16	Type I	$ 1,575.00
17	Type II	$ 1,600.00
18	Type III	$ 1,700.00
19	Type IV	$ 1,725.00
20	Type V	$ 2,025.00
21	Type VI	$ 2,005.00
	GROUP D - Price by linear foot unless otherwise stated	
22	Aluminum Handrail - 2 rails high	62.1
23	Aluminum Handrail - 3 rails high	74.5
	Mitered end sections poured in field per FDOT Index 273 less bars: (Price by Each, less pipe)	
24	15" or equiv.	$ 325.00
25	18" or equiv.	$ 475.00
26	24" or equiv.	$ 525.00
27	30" or equiv.	$ 615.00
28	36" or equiv.	$ 825.00
29	42" or equiv.	$ 865.00
30	48" or equiv.	$ 1,025.00
	GROUP E - Cost per cubic yard	
31	Poured in place structures (Anything in DOT Index 200)	865
	Group F - Demo and MOT	
32	DEMO 6" Concrete Sidewalk (Price per Square Yard)	19.35
33	DEMO 12" Concrete Sidewalk (Price per Square Yard)	46.15
34	DEMO 6" Driveway (Price per Square Yard)	19.35
35	DEMO Curb (Price per Linear Foot)	8.6
36	Pedway Subgrade 6" thick compacted to minimum 98% density per AASHTO T-180 (Price per Square Yard)	4.2
37	Final grading for sod (Price per Square Yard)	10.5
38	MOT two lane, two way, work within the travel way, Index 603 (Price per Day)	725
39	MOT multi-lane, work within the travel way, median or outside lane, Index 613 (Price per Day)	925

BID # B-4-18-50/ASPHALTIC CONCRETE
PRICE ADJUSTMENT 2

Primary, Secondary, Third		VA Paving			Goodson Paving			Community Asphalt		
ASPHALTIC CONCRETE	**DESCRIPTION**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**
Superpave SP-9.5	Vendor Delivered, Vendor Placed	$77.60 Ton	$109.01 Ton		$84.11 Ton	$114.51 Ton	$161.50 Ton	$124.01 Ton	$134.01 Ton	$139.01 Ton
Superpave SP-12.5	Vendor Delivered, Vendor Placed	$77.60 Ton	$109.01 Ton	$149.01 Ton	$83.81 Ton	$114.51 Ton	$157.01 Ton	$119.01 Ton	$129.01 Ton	$134.01 Ton
FRICTION COURSE		**ROAD PAVING**			**ROAD PAVING**			**ROAD PAVING**		
Friction Course FC-5	Vendor Delivered, Vendor Placed	$185.71Ton			$182.75 Ton			$184.75 Ton		
Friction Course FC-9.5	Vendor Delivered, Vendor Placed	$110.75 Ton			$119.21 Ton			$160.75 Ton		
Friction Course FC 12.5	Vendor Delivered, Vendor Placed	$108.75 Ton			$116.25 Ton			$145.75 Ton		
SPEED HUMPS SP-9.5	Vendor Delivered, Vendor Placed	$399.01 Ton			$449.01 Ton			$399.01 Ton		
LESS THAN 25 TN PATCHING SP-9.5	Vendor Delivered, Vendor Placed	$299.01 Ton			$299.01 Ton			$499.01 Ton		
25-50 TN PATCHING SP 9.5	Vendor Delivered, Vendor Placed	$224.01 Ton			$269.01 Ton			$299.01 Ton		
TACK FOB Gallon	FOB GALLON	$11.00 Gal			$8.50 Gal			$7.00 Gal		
PRIME	Vendor Delivered, Vendor Placed	$0.65 SY			$0.62 SY			$0.75 SY		
PRIM AND SAND	Vendor Delivered, Vendor Placed	$1.00 SY			$1.20 SY			$0.75 SY		
SAND 3% HOT MIX	Vendor Delivered, Vendor Placed	$300.00 Ton	$3.00 SY		$310.00 Ton	$3.05 SY		$175.00 Ton	$5.00 SY	
HOT ASPHALT FOR PICK UP FOB AT PLANT SP-9.5	FOR PICK UP	$61.51 Ton			N/A			$73.91 Ton		
TEMPORARY STRIPING	**Vendor Schedules and Provides**	$2.00 L.F.			$5.05 LF			$4.00 LF		
Night Work	Cost per ton	$10.00			$18.00			$10.00		
Cost for Milling & Clean Up	SY 0-2,500 and under	$5.00 SY			$5.90 SY			$7.50 SY		
	SY $2,501 - 5,000	$3.00 SY			$3.15 SY			$4.00 SY		
	SY 5,001 to 15,000	$2.50 SY			$2.90 SY			$3.50 SY		
	SY 15,001 and over	$2.00 SY			$2.20 SY			$3.00 SY		
Asphalt Millings for Pickup FOB Plant		$25.00 Ton			$28.00 Ton			$5.35 Ton		

Brevard COUNTY
Central Services

Florida's Space Coast

Purchasing Services
2725 Judge Fran Jamieson Way, Suite C303
Viera, FL 32940
Telephone (321) 617-7390
Facsimile (321) 617-7391

March 7, 2019

Ms. Debra Mallard
V.A. Paving, Inc.
2955 Lake Drive
Cocoa, FL 32926
Email: debra.mallard@vapaving.com

Dear Ms. Mallard:

This letter is to notify you of the intent to renew **B4-18-50, Asphaltic Concrete**. The effective dates of this renewal will be **6/21/2019 to 6/20/2020**.

If **V.A. Paving, Inc.**is interested in renewing this bid under the same terms, prices and conditions, please respond by signing to the understanding of the renewal for **B4-18-15, Asphaltic Concrete**. A new purchase order will be issued to you to cover the renewal period, if so agreed upon.

I, Debra Mallard President, of **V.A. Paving, Inc.** agree to renew subject contract through 06/20/2020, under the same terms, pricing and conditions.

If **V.A. Paving, Inc.**is not interested in renewing this contract, please complete and sign the following statement:

I, _____ _____, of **V.A. Paving, Inc.**do not agree to renew subject contract.

Authorized Vendor Signature	03/15/2019 Date

Brevard County looks forward to continuing this relationship with your company. As always, if you have any questions, contact **Jon McLester at 321-617-7390**. Please email your response to Jennifer Smith at jennifer.smith@brevardfl.gov. Your timely attention to this matter is greatly appreciated.

Sincerely,

Steven A. Darling, Jr.
Purchasing Services & Contracts Manager

Brevard COUNTY
Central Services

Florida's Space Coast

Purchasing Services
2725 Judge Fran Jamieson Way, Suite C303
Viera, FL 32940
Telephone (321) 617-7390
Facsimile (321) 617-7391

March 7, 2019

Mr. Manuel Aguiar
Community Asphalt Corp.
2975 Industrial Boulevard
Vero Beach, FL 32967
Email: manny.aguiar@ohlna.com

Dear Mr. Aguiar:

This letter is to notify you of the intent to renew **B4-18-50, Asphaltic Concrete.** The effective dates of this renewal will be **6/21/2019 to 6/20/2020**.

If **Community Asphalt Corp.**is interested in renewing this bid under the same terms, prices and conditions, please respond by signing to the understanding of the renewal for **B4-18-15, Asphaltic Concrete**. A new purchase order will be issued to you to cover the renewal period, if so agreed upon.

I, Manuel Aguiar, Corporate Vice Pesident, of **Community Asphalt Corp.** agree to renew subject contract through 6/20/2020, under the same terms, pricing and conditions.

If **Community Asphalt Corp.**is not interested in renewing this contract, please complete and sign the following statement:

I, _____ _____, of **Community Asphalt Corp.**do not agree to renew subject contract.

Authorized Vendor Signature - Corporate Vice President	03/15/2019 Date

Brevard County looks forward to continuing this relationship with your company. As always, if you have any questions, contact **Jon McLester at 321-617-7390**. Please email your response to Jennifer Smith at jennifer.smith@brevardfl.gov. Your timely attention to this matter is greatly appreciated.

Sincerely,

Steven A. Darling, Jr.
Purchasing Services & Contracts Manager

Brevard COUNTY
Central Services

Florida's Space Coast

Purchasing Services
2725 Judge Fran Jamieson Way, Suite C303
Viera, FL 32940
Telephone (321) 617-7390
Facsimile (321) 617-7391

March 8, 2019

Mr. Travis Goodson
Goodson Paving, Inc.
630 Cidco Road
Cocoa, FL 32926
Email: goodsonpaving@gmail.com

Dear Mr. Goodson:

This letter is to notify you of the intent to renewal **B4-18-50, Asphaltic Concrete**. The effective dates of this renewal will be **6/21/2019 to 6/20/2020**.

If **Goodson Paving, Inc.** is interested in renewing this bid under the same terms, prices and conditions, please respond by signing to the understanding of the renewal for **B4-18-15, Asphaltic Concrete**. A new purchase order will be issued to you to cover the renewal period, if so agreed upon.

I, Travis Goodson, of **Goodson Paving, Inc.** agree to renew subject contract through 6-20-2020 under the same terms, pricing and conditions.

If **Goodson Paving, Inc.** is not interested in renewing this contract, please complete and sign the following statement:

I, _____ _____ __, of **Goodson Paving, Inc.** do not agree to renew subject contract.

Authorized Vendor Signature	Date 3-11-19

Brevard County looks forward to continuing this relationship with your company. As always, if you have any questions, contact **Jon McLester at 321-617-7390. Please email your response within five business days to Jennifer Smith at** jennifer.smith@brevardfl.gov. Your timely attention to this matter is greatly appreciated.

Sincerely,

Jon McLester
Purchasing Services Supervisor

Brevard COUNTY
Central Services

Florida's Space Coast

Purchasing Services
2725 Judge Fran Jamieson Way, Suite C303
Viera, FL 32940
Telephone (321) 617-7390
Facsimile (321) 617-7391

March 7, 2019

Mr. Michael Iapaluccio
Preferred Materials, Inc.
1806 33rd Street, Suite 150
Orlando, FL 32839
Email: Michael.Iapaluccio@preferredmaterials.com

Dear Mr. Iapaluccio:

This letter is to notify you of the intent to renew **B4-18-50, Asphaltic Concrete**. The effective dates of this renewal will be **6/21/2019 to 6/20/2020.**

If **Preferred Materials, Inc.**is interested in renewing this bid under the same terms, prices and conditions, please respond by signing to the understanding of the renewal for **B4-18-15, Asphaltic Concrete**. A new purchase order will be issued to you to cover the renewal period, if so agreed upon.

I, _____ _____, of **Preferred Materials, Inc.** agree to renew subject contract through _____, under the same terms, pricing and conditions.

If **Preferred Materials, Inc.**is not interested in renewing this contract, please complete and sign the following statement:

I, Michael Espaluccio, of **Preferred Materials, Inc.**do not agree to renew subject contract.

Authorized Vendor Signature	Michael Iapaluccio Vice President/GM Preferred	Date 3/1/19

Brevard County looks forward to continuing this relationship with your company. As always, if you have any questions, contact **Jon McLester at 321-617-7390**. Please email your response to Jennifer Smith at jennifer.smith@brevardfl.gov. **Your timely attention to this matter is greatly appreciated.**

Sincerely,

Steven A. Darling, Jr.
Purchasing Services & Contracts Manager

Brevard COUNTY
Purchasing Services

Purchasing Services
2725 Judge Fran Jamieson Way
Building C, Room 303
Viera, Florida 32940

NOTICE OF AWARD
DATE: June 21, 2018
BID# B-4-18-50/Asphaltic Concrete

PROCUREMENT ANALYST: Jonathan, McLester

VENDOR	MEETS MINIMUM REQUIREMENTS	ITEMS AWARDED	AWARD AMOUNT
VA Paving	**YES**	**Per attached tabulation**	**$3,000,000 annually (Estimate only).**
Goodson Paving	YES	**Per attached tabulation**	
Preferred Materials	YES	**Per attached tabulation**	
Community Asphalt	YES	**Per attached tabulation**	

☐ BOARD AWARD--AGENDA ATTACHED

☒ APPROVED AWARD (NON-BOARD AGENDA):
(Per Sections III.E. & III.I. & J., BCC-25, PROCUREMENT) Jonathan McLester, Procurement Supervisor

☒ Award to overall lowest, most responsive bidder, minimum three responses received.
☐ Award to other than low, with low bid being non-responsive.
REASON FOR NON-RESPONSIVENESS:
☐ Award to low bid, less than three responses received.
REASON FOR LESS THAN THREE RESPONSES:

AWARDED BY A COMMITTEE CONSISTING OF: Bruce Black, Public Works; and Jon McLester, Central Services

FOR PURCHASING USE ONLY:
ONE-TIME PURCHASE

☒ ANNUAL BID:
EFFECTIVE DATE: June 21, 2018 ENDING DATE: June 20, 2019
RENEWAL OPTION ☐ One year ☒ Other (fill in) Two (2), one (1) year renewals

☐ Prompt Payment Discount Offered ☐ Yes_____ (Terms) ☒NO
☐ Performance and payment bonds received with construction contract documents.
☐ Release Cashier's or Certified Check Received for Bid Deposit on Bids

SPECIAL INSTRUCTIONS TO AWARDED VENDOR:
☒ Please provide certificate of insurance.
☐ Please provide performance and payment bonds as required.
☐ OTHER:

____JM

Bid B-4-18-50/Asphaltic Concrete
Opening Date and Time: June 12, 2018 @ 2:00 p.m.
Posted: June 13, 2018 @ 2:30 p.m. through June 20, 2018 @ 5:00 p.m.

BID TABULATION

Primary, Secondary, Third	Fourth		VA Paving		Goodson Paving			Preferred Materials			Community Asphalt		
ASPHALTIC CONCRETE	**DESCRIPTION**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**	**ROAD PAVING**	**PARKING LOTS**	**BIKE PATHS**
Superpave SP-9.5	Vendor Delivered, Vendor Placed	$78.59 Ton	$110.00 Ton	$150.00 Ton	$85.10 Ton	$115.50 Ton	$162.50 Ton	$85.56 Ton	$110.00 Ton	$155.00 Ton	$125.00 Ton	$135.00 Ton	$140.00 Ton
Superpave SP-12.5	Vendor Delivered, Vendor Placed	$78.59 Ton	$110.00 Ton	$150.00 Ton	$84.80 Ton	$115.50 Ton	$158.00 Ton	$81.86 Ton	$107.00 Ton	$154.00 Ton	$120.00 Ton	$130.00 Ton	$135.00 Ton
FRICTION COURSE		**ROAD PAVING**			**ROAD PAVING**			**ROAD PAVING**			**ROAD PAVING**		
Friction Course FC-5	Vendor Delivered, Vendor Placed	$185.00 Ton			$182.00 Ton			$175.00 Ton			$184.00 Ton		
Friction Course FC-9.5	Vendor Delivered, Vendor Placed	$110.00 Ton			$118.25 Ton			$125.00 Ton			$160.00 Ton		
Friction Course FC 12.5	Vendor Delivered, Vendor Placed	$108.00 Ton			$115.50 Ton			$110.00 Ton			$145.00 Ton		
SPEED HUMPS SP-9.5	Vendor Delivered, Vendor Placed	$400.00 Ton			$450.00 Ton			$500.00 Ton			$400.00 Ton		
LESS THAN 25 TN PATCHING SP-9.5	Vendor Delivered, Vendor Placed	$300.00 Ton			$300.00 Ton			$500.00 Ton			$500.00 Ton		
25-50 TN PATCHING SP 9.5	Vendor Delivered, Vendor Placed	$225.00 Ton			$270.00 Ton			$400.00 Ton			$300.00 Ton		
TACK FOB Gallon	FOB GALLON	$11.00 Gal			$8.50 Gal			N/A			$7.00 Gal		
PRIME	Vendor Delivered, Vendor Placed	$0.65 SY			$0.62 SY			$1.00 SY			$0.75 SY		
PRIM AND SAND	Vendor Delivered, Vendor Placed	$1.00 SY			$1.20 SY			$1.00 SY			$0.75 SY		
SAND 3% HOT MIX	Vendor Delivered, Vendor Placed	$300.00 Ton	$3.00 SY		$310.00 Ton	$3.05 SY		$500.00 Ton	$7.00		$175.00 Ton	$5.00 SY	
HOT ASPHALT FOR PICK UP FOB AT PLANT SP-9.5	FOR PICK UP	$62.50 Ton			N/A			$73.00 Ton			$74.90 Ton		
TEMPORARY STRIPING	**Vendor Schedules and Provides**	$2.00 L.F.			$5.05 LF			$2.50 LF			$4.00 LF		
Night Work	Cost per ton	$10.00			$18.00			$10.00			$10.00		
Cost for Milling & Clean Up	SY 0-2,500 and under	$5.00 SY			$5.90 SY			$5.00 SY			$7.50 SY		
	SY $2,501 - 5,000	$3.00 SY			$3.15 SY			$2.50 SY			$4.00 SY		
	SY 5,001 to 15,000	$2.50 SY			$2.90 SY			$2.00 SY			$3.50 SY		
	SY 15,001 and over	$2.00 SY			$2.20 SY			$2.00 SY			$3.00 SY		
Asphalt Millings for Pickup FOB Plant		$25.00 Ton			$28.00 Ton			$35.00 Ton			$5.35 Ton		

Individual Projects will be awarded on project by project basis based on total cost utilizing prices above.

SUBMIT SEALED BID TO:		INVITATION TO BID
BREVARD COUNTY PURCHASING SERVICES 2725 JUDGE FRAN JAMIESON WAY BLDG. C, 3rd FLOOR, SUITE C-303 VIERA, FL 32940	Brevard COUNTY Purchasing Services	**Bid Acknowledgment**
PROCUREMENT ANALYST: Jon McLester (321) 617-7390 Ext. 5-6049 jonathan.mclester@brevardfl.gov	AN EQUAL OPPORTUNITY EMPLOYER	FLORIDA TAX EXEMPT #85-8012621749C-1 FEDERAL TAX EXEMPT #59-6000523

BID SPECIFICATIONS MAY BE OBTAINED AT: Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or on our Brevard County Purchasing Services website, or at the Onvia DemandStar® website.

MAILING DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE AND TIME:
May 17, 2018	Asphaltic Concrete	B-4-18-50	June 12, 2018 at 2:00 p.m.

PRE-BID DATE, TIME, AND LOCATION:
A pre-bid meeting will be held on June 5 , 2018 at 9:00 a.m. in the Purchasing Conference Room located at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Viera, FL 32940

☐ Mandatory
☒ Non-Mandatory

BIDS RECEIVED AFTER ABOVE DATE AND TIME WILL NOT BE ACCEPTED

▼VENDOR MUST COMPLETE THIS AREA AND RETURN FORM▼

LEGAL NAME OF BIDDER AND BUSINESS ADDRESS:
Goodson Paving, Inc
430 Cidco Road
Cocoa, Fl 32926

TELEPHONE NUMBER/TOLL-FREE NUMBER:
321) 631-5523

FEDERAL ID NO. (FEIN) OR SOCIAL SECURITY NO. (SSN):
59-2872065

If returning as a "no bid," state reason:

I certify that this bid is made without prior understanding, agreement, or connections with any corporation, firm or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the County of Brevard, the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign, or transfer to the County of Brevard all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the County of Brevard. At the County's discretion, such assignment shall be made and become effective at the time the County tenders final payment to the bidder.

The bidder acknowledges that information provided in this ITB is true and correct.

X _____
AUTHORIZED SIGNATURE (*MANUAL*)

Travis Goodson
NAME (*PRINTED*)

Vice President — 6/11/18
TITLE — DATE

THIS FORM MUST BE NOTARIZED AND RETURNED WITH YOUR BID

Sworn to and subscribed before me this 11 day of June 2018.

Personally known: ☑

Or produced identification: ☐ Type of ID: _____

Faith Hemric — FL
SIGNATURE OF NOTARY PUBLIC — STATE

Faith Hemric
NAME OF NOTARY PUBLIC (*PRINTED*)

NOTARY PUBLIC STATE OF FLORIDA

FAITH HEMRIC
Commission # GG 118868
Expires August 13, 2021
Bonded Thru Budget Notary Services

My commission expires: _____

(AFFIX SEAL or STAMP)

BOND DATA

VENDOR MUST PROVIDE: — **AMOUNT:**

Yes ☐	No ☒	BID BOND	
Yes ☒	No ☐	PERFORMANCE BOND	100% on projects over $100,000
Yes ☐	No ☒	LABOR, MATERIAL, PERFORMANCE BOND	

In cases where the amount of a surety bond exceeds $500,000, the surety company must have an A.M. Best's rating as specified in this document, and depending on the amount of the bond, shall have a minimum A.M. Best's financial size category (FSC) ranking as follows:

BOND AMOUNT UP TO:	FINANCIAL CLASS	BOND AMOUNT UP TO:	FINANCIAL CLASS
$ 1,000,000	I	$ 25,000,000	V
$ 2,000,000	II	$ 50,000,000	VI
$ 5,000,000	III	$ 100,000,000	VII
$ 10,000,000	IV		

Bonds must be issued by a surety company who complies with the requirements of § 287.0935, Fla. Stat.

PAYMENT OF GOODS OR SERVICES PROVIDED AS A RESULT OF THIS SOLICITATION WILL BE MADE PER FLORIDA STATUTE.
ALL FIRST TIME VENDORS MUST SUBMIT A W-9 FORM.

ASPHALTIC CONCRETE
BID # B-4-18-50

PRICE SHEET

ASPHALTIC CONCRETE	DESCRIPTION	ROAD PAVING	PARKING LOTS	BIKE PATHS
Superpave SP-9.5	Vendor Delivered, Vendor Placed	$ 85.10 Ton	$ 115.50 Ton	$ 162.50 Ton
Superpave SP-12.5	Vendor Delivered, Vendor Placed	$ 84.80 Ton	$ 115.50 Ton	$ 158.00 Ton
FRICTION COURSE		**ROAD PAVING**		
Friction Course FC-5	Vendor Delivered, Vendor Placed	$ 182.00 Ton		
Friction Course FC-9.5	Vendor Delivered, Vendor Placed	$ 118.25 Ton		
Friction Course FC 12.5	Vendor Delivered, Vendor Placed	$ 115.50 Ton		
SPEED HUMPS SP-9.5	Vendor Delivered, Vendor Placed	$ 450.00 Ton		
LESS THAN 25 TN PATCHING SP-9.5	Vendor Delivered, Vendor Placed	$ 300.00 Ton		
25-50 TN PATCHING SP 9.5	Vendor Delivered, Vendor Placed	$ 270.00 Ton		
TACK FOB Gallon	FOB GALLON	$ 3.50 Gal		
PRIME	Vendor Delivered, Vendor Placed	$ .62 SY		
PRIM AND SAND	Vendor Delivered, Vendor Placed	$ 1.20 SY		
SAND 3% HOT MIX	Vendor Delivered, Vendor Placed	$ 310.00 Ton	$ 3.05 SY	
HOT ASPHALT FOR PICK UP FOB AT PLANT SP-9.5	FOR PICK UP	$ N/a Ton		
TEMPORARY STRIPING	**Vendor Schedules and Provides**	$ 5.05 L.F.		
Night Work	Cost per ton	$ 18.00		
Cost for Milling & Clean Up	SY 0-2,500 and under	$ 5.90 SY		
	SY $2,501 - 5,000	$ 3.15 SY		
	SY 5,001 to 15,000	$ 2.90 SY		
	SY 15,001 and over	$ 2.20 SY		
Asphalt Millings for Pickup FOB at Plant		$ 28.00 Ton		

Plant Locations: VA Paving - Cocoa, Preferred Materials - Melbourne, Orlando Paving - Orlando

If primary contractor cannot meet the 72-hour availability notification, would you be willing to negotiate price and provide this service as a secondary source? ✓ Yes / _____ No

Addendum Acknowledgment:

Add. No. #1 Dated 6/7/18 / Add. No. _____ Dated _____

Add. No. _____ Dated _____ / Add. No. _____ Dated _____

ASPHALTIC CONCRETE
BID # B-4-18-50

PRICE SHEET (Continued)

PROMPT PAYMENT DISCOUNT:

218.70. Bidders may offer cash discountss for prompt payment, but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whicever occurs last.

If Prompt Payment Discount is offered, please state discount terms below:

n/a

Does your company accept payment via ACH? _____YES / ✓ NO

I hereby certify that I have read and agree to all terms and conditions, specifications, and insurance requirements outlined herein:

VENDOR Goodson Paving, Inc.

ADDRESS 630 Cidco Road, Cocoa 32926

AUTHORIZED SIGNATURE

PRINTED SIGNATURE Travis Goodson DATE 6/11/18

TELEPHONE # 321-631-5523 FAX # 321-639-0497

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

INDEMNIFICATION AND INSURANCE REQUIREMENTS

ASPHALTIC CONCRETE

BID # B-4-18-50

INDEMNIFICATION

The County shall be held harmless against any and all claims for bodily injury, sickness, disease, death, personal injury, damage to property or loss of use of any property or assets resulting therefrom, arising out of or resulting from the performance of the products or from the services for which the County is contracting hereunder, provided such is caused in whole or in part by any negligent act or omission of the vendor, or any subcontractor or any of their agents or employees, or arises from a job-related injury.

The vendor agrees to indemnify the County and pay the cost of the County's legal defenses, including fees of attorneys as may be selected by the County, for all claims described in the hold harmless clause herein. Such payment on behalf of the County shall be in addition to any and all other legal remedies available to the County and shall not be considered to be the County's exclusive remedy.

It is agreed by the parties hereto that the Vendor has received specific consideration under this agreement for this hold harmless/indemnification provision.

INSURANCE REQUIREMENTS

The vendor providing services under this agreement will be required to procure and maintain, at their own expense and without cost to the County, until final acceptance by the County of all products or services covered by the purchase order or contract, the following types of insurance. The policy limits required are to be considered minimum amounts:

General Liability Insurance policy with a $1,000,000 combined single limit for each occurrence to include the following coverage: Operations, Products and Completed Operations, Personal Injury, Contractual Liability covering this contract, "X-C-U" hazards, and Errors & Omissions.

Auto Liability Insurance, which includes coverage for all owned, non-owned and rented vehicles with a $1,000,000 combined single limit for each occurrence.

Workers' Compensation and Employers Liability Insurance covering all employees of the vendor and subcontractors, as required by law.

In the event that the contract involves professional or consulting services, in addition to the aforementioned insurance requirements, the vendor shall also be protected by a Professional Liability Insurance Policy in the amount of $1,000,000 per claim.

In the event the contract involves services related to construction projects, the vendor shall also procure and maintain a Builders Risk Insurance Policy or Installation Floater with loss limits equal to the value of the construction project.

In addition to the above, Specialty Insurance policies covering specific risks of loss (including but not limited to, for example; Longshore coverage, Crane and Rigging, Inland Marine, etc.) may be required by Brevard County Insurance and Risk Management. Any additional specialty insurance coverage requirement will be dictated by the specific goods, products or services provided under the subject contract and insurance underwriting standards, practices, procedures or products available in the commercial insurance market at the time of the contract inception. The Vendor is required to procure and maintain all such specialty coverage in accordance with prudent business practices within the Vendors industry.

The awarded vendor shall have five (5) days to provide certificates of insurance to the County demonstrating that the aforementioned insurance requirements have been met prior to the commencement of work under this contract. The certificates of insurance shall indicate that the policies have been endorsed to cover the County as an additional insured (a waiver of subrogation in lieu of additional insured status on the workers compensation policy is acceptable) and that these policies may not be canceled or modified without thirty (30) days prior written notice to the County.

The insurance coverage enumerated above constitutes the minimum requirements and shall in no way lessen or limit the liability of the vendor under the terms of the contract. Sub-Contractor's insurance shall be the responsibility of the vendor.

ASPHALTIC CONCRETE
BID # B-4-18-50
CONFIRMATION OF DRUG-FREE WORKPLACE FORM

In accordance with Section 287.087, Florida Statutes, "[w]henever two or more bids are equal with respect to price, quality, and service which are received by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section."

As the person authorized to sign the statement, I certify that this firm complies with the above requirements and the Florida Statutes Section 287.087. This form is in conjunction with Brevard County's General Conditions, Item 27, Drug-Free Workplace.

Goodson Paving, Inc.	B-4-18-50
Business Name	Bid Number and Name
	6/11/18
Authorized Representative's Signature	Date
Travis Goodson	Vice President
Name	Position

ASPHALTIC CONCRETE
BID #B-4-18-50
CONDITIONS FOR EMERGENCY/HURRICANE OR DISASTER

It is hereby made a part of this Invitation to Quote that before, during and after a public emergency, disaster, hurricane, flood, or acts of God that Brevard County shall require a "first priority" basis for goods and services. It is vital and imperative that the majority of citizens are protected from any emergency situation which may threaten public health and safety, as determined by the Board of County Commissioners. Vendor/contractor agrees to rent/sell/lease all goods and services to Brevard County as opposed to a private citizen, on a first priority basis. Brevard County expects to pay a fair and reasonable price not to exceed those quoted in this quote for all products in the event of a disaster, emergency or hurricane. Vendor/contractor shall furnish a 24 hour phone number in the event of such an emergency.

I hereby understand and agree to the above statement:

x _____
(authorized signature)

Travis Goodson
(printed name)

Vice President
(title)

Emergency/24 hour Phone Number(s) 321-749-3263 (Travis)

Office Phone Number 321-631-5523 Home Phone Number 321-504-1090

Pager Number N/a Cellular Phone Number 321-749-3263

Nearest Branch Office Phone Number 321-631-5523

and location 630 Cidco Road, Cocoa 32926

Fax Number 321-639-0497 Date June 11, 2018

Brevard COUNTY
Purchasing Services

Purchasing Services
2725 Judge Fran Jamieson Way
Building C, Room 303
Viera, Florida 32940

ASPHALTIC CONCRETE
BID #B-4-18-50
June 7, 2018
Addendum 1

TO ALL PROSPECTIVE BIDDERS

This is an Addendum to and shall be considered as part of the original bid package for the above-mentioned bid. Please acknowledge receipt of Addendum 1 in space provided on Price Sheet. Bidders are requested to acknowledge receipt of this addendum with their bid.

CLARIFICATION TO QUESTIONS RECEIVED:

1. Will County municipalities piggyback this contract?

   RESPONSE: Municipalities have the option to piggyback per its discretion.

2. Does the FC-12.5 referenced contain PG 76-22 PMA?

   RESPONSE: FC 12.5 must meet the requirements of Section 337 Asphalt Concrete Friction Courses in the FDOT Standard Specifications 2014. The mix design submitted must be a current approved mix design on the FDOT website.

3. Please provide additional information regarding performance bonds required over $100,000.00. How many projects will there be over $100,000.00 each year? What is the average dollar amount of each of these projects? Which bid items will the performance bonds pertain to?

   RESPONSE: Public Works – Construction had 14 projects over $100,000.00 this year; $220,000.00 average. Any SP or FC vendor placed asphalt over $100K per project.

4. On Page 8 No.2 Agreement Period of the Asphaltic Concrete Bid, B-4-18-50 Special Conditions, it states: "The resulting agreement shall be effect for one (1) year from the date of award. Agreement shall have the option to renew for up to two (2) additional, one (1) year periods." Is the Asphaltic Concrete Bid # B-4-18-50 Price Sheet provided for the first year of this agreement?

   RESPONSE: Yes.

5. If cost increases arise after the first year, how will this be addressed?

   RESPONSE: The cost is determined ± by the Fuel & Bituminous Average Price Index.

6. Is the FDOT Fuel & Bituminous Average Price Index in effect for this bid?

   RESPONSE: Yes.

7. On Page 11 Note 13 of the Asphaltic Concrete Bid# B-4-18-50 Specifications it states: "The County will make award in accordance with General Conditions #22 on the following: ....." . What are General Conditions #22?

RESPONSE: The award will be determined using vendor placed asphalt SP-9.5, SP-12.5, FC-9.5, FC-12.5 and FOB asphalt picked up at the plant.

8. On Page 12 Note 25 Estimated Quantities/Usages of the Asphaltic Concrete Bid# B-4-18-50 Specifications it states: "Below is a listing of estimated quantities/usages as referenced in Item 1 of the Special Conditions. Please be aware that these are estimates only, and are provided to assist you in preparing your bids. The quantities below in no way guarantee any minimum or maximum amount of product of work to be purchased. Brevard County Board of County Commissioners: Superpave 9.5-58,000; Superpave 12.5- 14,000; FC12.5- 30,000." How much of the Superpave 9.5-58,000 is F.O.B. at Plant?

   RESPONSE: None.

9. Please provide a breakdown of the overall annual quantities for each bid item that was performed during each of the last three (3) years.

   RESPONSE: The quantities listed in question 8 are what we placed this year. The previous years were not approved at 55 miles.

✦

Please note that the bid opening date and time remains June 12, 2018 @ 2:00 PM.

All other terms and conditions remain unchanged.

Sincerely,

Jonathan McLester, CPPO, CPPB
Purchasing Supervisor

JLM/rds

cc: file
Public Works dept.

END OF ADDENDUM NO. 1

GENERAL CONDITIONS, TERMS, AND PROVISIONS

1. **DEFINITIONS:**

   a. COUNTY - The term "COUNTY" herein refers to the County of Brevard, Florida, and its duly authorized representatives.

   b. BIDDER - The term "BIDDER" used herein refers to the dealer/ manufacturer/business organization submitting a bid to the County in response to this invitation.

   c. VENDOR - The term "VENDOR" used herein refers to any dealer/manufacturer/business organization that will be awarded a contract pursuant to the terms, conditions and quotations of the bid.

   d. USING AGENCY - The term "USING AGENCY" used herein refers to any department, division, agency, commission, board, committee, authority or other unit in the County Government using supplies or procuring contractual services as provided for in the Purchasing Ordinance of the County of Brevard.

   e. HEAVY DUTY - The item(s) to which the term "HEAVY DUTY" is applied shall exceed the usual quality and/or capacity supplied with standard production equipment and shall be able to withstand unusual strain, exposure, temperature, wear and use.

   f. QUALIFIED BIDDER - The best bidder who has the capability in all respects to fully perform the bid requirements, and has the financial stability, honesty, integrity, skill, business judgment, experience, facilities, and reliability necessary to assure good faith performance of the contract, as determined by reference to the Contractor's Qualification Statement, evaluations by County staff of the bidder or its subcontractors' past performance for the Board, an any other information required by Board policies.

   g. RESPONSIVE BIDDER - A bidder who has submitted a bid, which conforms in all respects to the requirements of the bid package, including, but not limited to, submission of the bid on required forms with all required information, signatures, and notarizations at the place and time specified.

   h. DUE CAUSE – An applicable reason affecting and concerning the ability and fitness of the contractor(s) to perform to the specifications and requirements of the contract.

2. **SUBMISSION OF BIDS:** All bids shall be submitted in a sealed envelope. The bid number, title, and opening date shall be clearly displayed on the outside of the sealed envelope. The delivery of said bid to Purchasing Services prior to the specified opening date and time is solely and strictly the responsibility of the bidder. Any bids received in Purchasing after the specified date and time will not be accepted.

3. **EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the space(s) provided. Bids must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to any bid entry must be initialed. The company name and Federal Employer Identification Number (FEID) number shall appear in the space(s) provided.

4. **BID OPENING:** Bid opening shall be public on the date and time specified. Sealed bids received by an agency pursuant to invitations to bid are exempt from the provisions of subsection (1) and s. 24(a), Art. I of the State Constitution until such time as the agency provides notice of a decision or intended decision pursuant to s. 120.57(3)(a) or within 30 days after bid or proposal opening, whichever is earlier. In accordance with Florida Statute 119.071(1)(b)2, the names of the firms submitting a competitive solicitation will be read aloud at this time of the opening. No details of the competitive solicitation will be released. Bid must be submitted on forms provided by the County. No other forms will be accepted. Fax, telephone, emailed, or verbal Bids are not acceptable and will not be considered. No bid may be modified after opening. No bid may be withdrawn after opening for a period of ninety (90) days unless otherwise specified.

5. **BID TABULATIONS:** Bid tabulations are posted to the Brevard County Purchasing Services website at http://www.brevardfl.gov/CentralServices/Purchasing and the DemandStar website at: www.demandstar.com.

6. **CLARIFICATION/CORRECTION OF BID ENTRY:** The County reserves the right to allow for the clarification of questionable entries and for the correction of OBVIOUS MISTAKES.

7. **INTERPRETATION:** No interpretation of the meaning of the specifications, or other contract documents will be made orally to any bidder. Every request for such interpretation must be in writing, addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Suite 303 Viera, FL 32940, or emailed to the attention of the applicable Procurement Analyst. To be given consideration, such requests must be received at least five (5) business days prior to the date fixed for the opening of the bid. Any and all such interpretation and supplemental instructions will be in the form of a written addendum. Failure of any bidder to receive any such addendum or interpretation shall not relieve said bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents, whether or not the successful bidder received a copy of such addendum, it being understood that all bidders are responsible to verify that they have received any such addenda prior to submitting their bid.

8. **EEO STATEMENT:** Vendors must ensure that employees and applicants for employment are not discriminated against for reasons of race, color, age, religion, sex, national origin, or handicapped status. Minority and female-owned businesses are encouraged to participate. Brevard County is an equal opportunity employer.

9. **PRICING:** Firm prices shall be proposed and include FOB DESTINATION, all packing, handling, shipping charges, fuel surcharges and delivery, unless otherwise indicated, to any point within the County to a secure area or inside delivery. All prices, costs, and conditions shall remain firm and valid for 90 days from the date of opening. The obligations of Brevard County under this award are subject to the availability of funds lawfully appropriated for its purpose by the State of Florida and/or the Brevard County Board of County Commissioners.

10. **ADDITIONAL TERMS & CONDITIONS:** The County of Brevard reserves the right to reject bids containing any additional terms or conditions not specifically requested in the original conditions and specifications.

11. **TAXES:** The County of Brevard is exempt from Federal excise taxes and all sales taxes.

12. **DISCOUNTS:** All discounts, EXCEPT THOSE FOR PROMPT PAYMENT, shall be considered in determining the lowest net cost for bid evaluation purposes.

13. **MEETS SPECIFICATIONS:** All equipment and accessories furnished under these specifications shall be new, the latest model in current production, and shall be of good quality, workmanship, and material. The bidder represents that all equipment offered under these specifications shall meet or exceed the minimum requirements specified. Delivery specifications shall be strictly adhered to. The bidder shall be responsible for performing the work necessary to meet County standards in a safe, neat, good, and workmanlike manner.

14. **BRAND NAME OR EQUAL:** If items called for by this invitation have been identified in the specifications by a "Brand Name or Equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be acceptable. Bids offering "equal" products will be considered for award

if such products are clearly identified in the bid and are determined by the County to meet fully the salient characteristics requirements listed in the specifications. Unless the bidder clearly indicates in his bid that he is offering an "equal" product, the bid shall be considered as offering the same brand name product referenced in the specifications. If the bidder proposes to furnish an "equal" product, the brand name if any, or the product to be furnished shall be inserted in the space provided or such product shall be otherwise clearly identified. The evaluation of bids and the determination as to equality of the product offered shall be the responsibility of the County and will be based on information furnished by the bidder. Purchasing Services is not responsible for locating or securing any information, which is not identified in the bid and reasonably available to Purchasing Services. To ensure that sufficient information is available the bidder shall furnish as a part of the bid, or prior to bid opening, as indicated, all descriptive material necessary for Purchasing Services to determine whether the product offered meets the salient characteristics required by the specifications and establish exactly what the bidder proposes to furnish and what the County would be binding itself to purchase by making an award.

15. **SILENCE OF SPECIFICATIONS:** The apparent silence of the specifications and any supplemental specifications as to any details or the omission from same of any detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail and only materials of first quality be provided. All interpretations of this specification shall be made upon the basis of this statement.

16. **ASSIGNMENT:** Any purchase order (PO) issued pursuant to this bid and the moneys, which may become due hereunder is not assignable except with the prior written approval of the Purchasing Manager.

17. **INDEMNIFICATION:** The successful bidder agrees to indemnify and hold harmless the County and their employees from all claims, losses and expenses, including attorneys' fees, arising out of or resulting from the performance, failure in the performance of, or defect in, the products or services to be contracted, provided such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, death, or personal injury, or to property damage, including loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the vendor, any subcontractor or any of their employees, or arises from a job-related injury. The successful bidder acknowledges adequate consideration for this indemnification provision.

18. **PATENTS AND ROYALTIES:** The bidder, without exception shall indemnify and save harmless the County of Brevard and its employees from liability of any nature of kind including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County of Brevard. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any involved in the work.

19. **TRAINING:** If specified, supplier(s) may be required at the convenience of the County, to provide employees training in the operation and maintenance of any items(s) purchased from this bid.

20. **ACCEPTANCE:** Items may be tested for compliance with specification. Items delivered not conforming to specifications may be rejected and returned at vendor's expense. Those items not delivered as per delivery date in bid and/or purchase order may be purchased on the open market. Any increase in cost may be charged against the vendor. Any violations of these stipulations may also result in the vendor name being removed from the bid list and the vendor disqualified from doing business with the County.

21. **SAFETY WARRANTY:** The selling dealer, distributor, supplier, and manufacturer shall be responsible for having compiled with all Federal, State and local standards, regulations, and laws concerning the equipment specified and the use thereof, applicable and effective on the date of manufacture including safety and environmental standards as apply to both private industry and governmental agencies.

22. **WARRANTY:** The bidder agrees that, unless otherwise specified, the supplies and/or services furnished under this bid shall be covered by the most favorable commercial warranty the bidder gives to any customer for comparable quantities of such supplies and/or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the County by any other provision of this bid.

23. **AWARDS:** As the best interest of the County may require, the right is reserved to make award(s) by individual items, group of items, all or none, or a combination thereof; on a geographical basis and/or on a countywide basis with one or more suppliers; to reject any and all bids or waive any minor irregularly or technicality in bids received. Bidders are cautioned to make no assumptions unless their bid has been evaluated as being responsive and qualified. All awards made as a result of this bid shall conform to applicable ordinances of the County. The Board may return, for full credit, any unused items received which fail to meet the Board's performance standards. Brevard County reserves the right to cancel an awarded bid upon due cause—i.e., vendor misrepresentation, vendor negligence, non-performance, etc. via written notice.

24. **Unless otherwise noted in the bid document, vendors shall submit *one bid only*.**

25. **CONFLICT OF INTEREST**: The award hereunder is subject to provisions of State of Florida Statutes and Brevard County Ordinances. All Bidders must disclose with their bid the name of any officer, director, or agent who is also an employee of Brevard County. Further, all bidders must disclose the name of any County employee who owns, directly or indirectly, any interest in the proposer's firm or any of its branches.

26. **PURCHASING AGREEMENTS WITH OTHER GOVERNMENTAL ENTITIES:** Brevard County permits the awarded vendor(s) to extend the pricing, terms and conditions of this solicitation to other governmental entities at the vendor's discretion. Each governmental entity that utilizes this solicitation or resulting contract will be responsible for execution of its own requirements with the awarded vendor(s).

27. **DRUG-FREE WORKPLACE:** Whenever two or more bids, which are equal with respect to price, quality, and service, are received by Brevard County for the procurement of commodities or contractual services, a bid received from a business that has implemented a drug-free workplace program per 287.087, Fla. Stat. shall be given preference in the award process.

28. **LOBBYING STATEMENT:** All firms are hereby placed on notice the County Commission and staff shall not be contacted about this Bid. Firms and their agents are hereby placed on notice that they are not to contact members of the County Commission or staff (with the exception of designated liaison). Public meetings and public deliberations of the Selection Committee are the only acceptable forum for the discussion of merits of products/services requested by the Invitation to Bid; and written correspondence concerning Bids may be submitted to the County Manager. Each Bid will have one non-voting staff member designated who will serve as the liaison. Failure to adhere to these requirements could result in Board action to disqualify your firm from consideration of award.

29. **PUBLIC ENTITY CRIMES:** All bidders are hereby placed on notice that 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 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 contractor, supplier, subcontractor, 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 287.017 Fla. Stat.

for CATEGORY TWO (currently $35,000) for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

30. **DISCRIMINATORY VENDOR LIST:** An entity or affiliate placed on the Discriminatory Vendor List shall not submit a Bid for a contract to provide goods or services to a public entity, shall not submit a Bid on a contract with a public entity for the construction or repair of a public building or perform any public work, shall not submit Bids for leases of real property to a public entity, shall not award or perform work as a contractor, supplier, subcontractor, or consultant under any contract with any public entity, and shall not transact business with any public entity per 287.134(3)(d), Fla. Stat.

31. **SCRUTINIZED COMPANIES:** Section 287.135, Fla. Stat., prohibits agencies from contracting with companies for foods or services of $1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Both lists are created pursuant to Section 215.473, Fla. Stat.

32. **LICENSES, CERTIFICATIONS, AND PERMITS:** The successful vendor will be required to secure, at its expense and show proof of the proper business tax receipt and/or any other license/certification required of the applicable service/work being performed. Prior to award, the apparent low bidder will be required to provide proof of license and/or certification within two (2) business days of the posted awarded recommendation and submit copies of license/certifications to the Purchasing Office. The Brevard County Contractor Licensing Regulation & Enforcement (LR&E) office is responsible for the county licensing of trades: General Building, drywall, plumbing, electric, HVAC, roofing, etc. If you have questions concerning the licensing requirements for a Brevard County contractor's license, please Contact the Brevard County LR&E office at (321) 633-2058, option 0, for any questions.

    The awarded contractor shall fully comply with all federal and state laws, county and municipal ordinances and regulations in any manner affecting the performance of the work. The successful vendor is responsible for obtaining all permits necessary to construct the project. Brevard County does not exempt itself from permitting requirements. The Owner shall pay all Brevard County permit, inspection and impact fees required for the project or services required under this contract; all other fees for permits required by agencies/municipalities other than Brevard County shall be the responsibility of the awarded Contractor. A copy of issued permit shall be provided to the User Department of the County for their records.

33. **ERRORS:** In the event of extension error(s), the unit price will prevail. In the event of addition error(s), the extended totals will prevail. In either case, the bidder's total offer will be adjusted accordingly.

34. **CANCELLATION AND REINSURANCE:** If any insurance should be canceled or changed by the insurance expiring during the period of this bid award, the vendor shall be responsible for securing other acceptable insurance to provide the coverage specified in the bid to maintain continuous coverage during the life of the award.

35. **INCURRED COST:** Brevard County is not liable for any cost incurred by any vendor prior to an award. Costs for developing a response to this request for bid are entirely the obligation of the bidder and shall not be chargeable in any manner to Brevard County.

36. **MATERIALS/SUPPLIES:** No materials or supplies for the work shall be purchased by the vendor or by any subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller.

37. **SUBCONTRACTORS:** The vendor shall be fully responsible for all acts and omissions of his subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts and omissions of persons directly employed by him.

38. **VERBAL INSTRUCTIONS:** No negotiations, decisions, or actions shall be initiated or executed by the vendor as a result of any discussions with any County employee. Only those communications, which are in writing from an authorized County representative, may be considered. Only written communications from vendors, which are assigned by a person designated as authorized to bind the company, will be recognized by the County as duly authorized expressions on behalf of the company.

39. **LITIGATION VENUE:** All litigation shall take place either in the State Courts of Florida, wherein venue shall lie in Brevard County, Florida, or in the Federal Courts wherein venue shall lie in the Central District in and for the State of Florida. The vendor expressly waives venue in any other location.

40. **ADDITION, DELETION, OR MODIFICATION OF SERVICES:** The County reserves the right at its sole discretion to increase, decrease, or delete any portion of this agreement/contract at any time without cause, and if such right is exercised by the County, the total fee shall be reduced by a prorate basis. If work has already been accomplished on the portion of the contract to be increased, decreased, or deleted, the contractor shall be paid for the correct portion on the basis of the estimated percentage agreed upon by the County, the contractor, and the contract manager upon completion of such portion.

41. **OPERATION DURING DISPUTE:** In the event the County has not canceled the contract in accordance with the terms of the contract, and there remains a dispute between the bidder and the County, the bidder agrees to continue to operate and perform under the terms of the contract while such dispute is pending. Further, the bidder agrees that, in the event a suit is filed for injunction or other relief, it will continue to operate the system until the final adjudication of such suit by the court.

42. **CONTRACT TERMINATION:** The contract resulting from this bid shall commence upon issuance and acceptance of the fully executed contract. The County user agency shall issue orders against the contract on an as needed basis. The contract may be canceled by the vendor, for good cause, upon ninety (90) days prior written notice. The County retains the right to terminate the contract, in part or in its entirety, with or without good cause, upon thirty (30) days prior written notice or as stated herein. In the event of termination by either party as provided herein, the awarded vendor shall be paid for services performed through the date of termination.

43. **SPECIAL ACCOMMODATIONS:** In accordance with the Americans with Disabilities Act (ADA) and Section 286.26, Fla. Stat., persons with disabilities needing special accommodations to participate should contact the ADA Coordinator at (321) 633-2017 or by email at Brian.Breslin@BrevardFL.gov, and must be made no later than 48 hours prior the public meeting/hearing in order to provide the requested service.

44. **BIDDER RESPONSIBILITIES:** Bidders, by submitting a bid, certify that it understands all planning, coordinating, and implementation of the described services shall be done through personal contact between the bidder and the contract manager, and that telephone contact and mail correspondence may, in some cases, not be appropriate. County approved representatives of the bidder shall be available to meet with the contract manager, as may be required, to accomplish the County's objectives as effectively and efficiently as possible, during all phases of this agreement/contract/bid.

45. **SUPERVISION OF CONTRACT PERFORMANCE:** The bidder's performance of the contract will be notified by the contract manager. The bidder shall be notified of lack of performance in writing by the contract manager. If at any time during the term of the contract, performance satisfactory to the contract manager shall not have been made, the bidder, upon written notification by the contract manager, shall within three (3) days increase the force, tools and equipment as needed to properly perform the contract. The failure of the contract manager to file such notification shall not relieve the bidder of the obligation to perform the work at the time and in the manner specified by the contract. If the bidder does not

increase the force or neglects to do the work properly, the contract manager can withhold a percentage of payment or withhold the entire dollar amount due as per the contract.

46. **MISUNDERSTANDING:** To prevent misunderstanding and any litigation, the contract manager shall decide any and all questions, which may arise concerning the quality and acceptability of the work, and services performed, the sufficiency of performance, the interpretation of the provisions of the contract, and the acceptable fulfillment of the contract on the part of the bidder. The Contract Manager will determine whether or not the amount, quantity, character and quality of the work performed are satisfactory, which determination shall be final, conclusive and binding upon both the bidder and the County. The contract manager shall make such explanation as may be necessary to complete, explain, or make definite the provisions of the contract, and his findings and conclusions shall be final and binding upon both parties.

47. **GREEN PROCUREMENT POLICY:** The Board of County Commissioners approved a "green procurement" policy in March 2004 to establish procurement requirements that promote the purchase and use of Environmentally Preferred Products as defined by the United States Environmental Protection Agency. Environmentally Preferred Products (EPP) are those products and services that have a reduced effect on the human health and the environment when compared to other products and services that serve the same purpose. EPP produces encourage (1) waste reduction; (2) reduced exposure to hazardous materials; (3) natural resource conservation; and (4) energy efficiency.

48. **MONITORING OF WORK:** The bidder shall provide the contract manager with every reasonable opportunity to ascertain whether or not the work, as performed, is in accordance with the requirements of the contract. The bidder shall designate, in writing, a person to serve as liaison between the bidder and the County.

49. **PROMPT PAYMENT:** For payment promptness, Brevard County shall remit payment in accordance with the Florida Prompt Payment Act, Section 218.70, Fla. Stat., et seq. Brevard County does not expect to be billed in excess of the ordered quantity and will not pay for any quantity above the ordered quantity. Any order placed as a result of this bid will be subject to Billing Instructions and Conditions on the back of the Brevard County Purchase Order form. Bidders may offer cash discounts for prompt payment but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last. Requests for final payment for any work or services for which a permit is required shall include a copy of all required permits and copies of all required inspection reports. Failure to provide proof of acquisition of all required permits and successful completion of all required inspections shall represent an incomplete invoice and will delay payment.

50. **RIGHT TO AUDIT RECORDS:** In performance of this Agreement, the Contractor shall keep books, records, and accounts of all activities related to the Agreement, in compliance with generally accepted accounting procedures. All documents, papers, books, records and accounts made or received by the contractor in conjunction with the Agreement and the performance of this Agreement shall be open to inspection during regular business hours by an authorized representative of the office and shall be retained by the contractor for a period of three (3) years after termination of this Agreement, unless such records are exempt from section 24(a) of Article I of the State Constitution and section 119.07(1), Fla. Stat.

51. **UNAUTHORIZED ALIEN WORKERS:** Brevard County will not accept bids from vendors who knowingly employ unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S. Code § 1324a(e) (Section 274A(e) of the Immigration and Nationality Act "INA"). The County shall consider a vendor's intentional employment of unauthorized aliens as grounds for immediate termination of any awarded bid.

52. **FLORIDA PUBLIC RECORDS LAW:** Both parties understand that the County is subject to the Florida Public Records Law, Chapter 119, Fla. Stat. and all other applicable Florida Statutes. If the materials provided by the Contractor do not fall under a specific exemption, under Florida or federal law, materials provided by the Contractor to the County would have to be provided to anyone making a public records request. It will be the bidder's duty to identify the information, which it deems is exempt under Florida/federal law, and identify the statute by number, which exempts that information.

    Should any person or entity make a public request of the County—which requires or would require the County to allow inspection or provide copies of records which the Contractor maintains are exempt from Public Records Law or are confidential—it shall be the Contractors obligation to provide the County within 24 hours (not including weekends and legal holidays), of notification by the County to the Contractor of the request, of the specific exemption or confidentiality provision so the County will able to comply with the requirements of 119.07(1)(e) and (f) , Fla. Stat.

    Should the County face any kind of legal action to require or enforce inspection or production of any records provided by the Contractor to the County which the Contractor maintains are exempt or confidential from such inspection/production as a public record, then the Contractor shall hire and compensate attorney(s) who shall represent the interest of the County as well as the Contractor in defending such action. The Contractor shall also pay any costs to defend such action and shall pay any costs and attorney fees, which may be awarded pursuant to 119.12, Fla. Stat.

    All material submitted becomes the property of the County and may be returned only at the County's option. The County has the right to use any or all ideas presented in any reply to this ITB. Selection or rejection of any bid does not affect this right.

53. **COUNTY SEAL:** Use of the County Seal without the express approval of the Board of County Commissioners is a violation of 165.043, Fla. Stat. punishable as a misdemeanor.

54. **TIE BIDS:** Award of all tie quotes/bids shall be made by the Purchasing Manager in accordance with State Statutes, which allows a firm certified as a Drug-Free Workplace to have precedence. When evaluation of vendor responses to solicitations results in identical offers, with regards to bids or quotations, or identical ranking with regards to proposals, from two or more vendors, the County shall determine the order of award using the following criteria in order of preference listed below (from highest priority to lowest priority):

    a. For tie bids, quotations or proposals, priority shall be given to the vendor certifying that he/she is a Drug-Free Workplace as defined within 287.087, Fla. Stat.;

    b. Should a tie still exist, <u>in the case of proposals only</u>, priority shall be given until the tie is broken, to the vendor with the highest total of raw scores for each evaluation criteria, progressing from the highest weighted criteria to the lowest rated criteria. If multiple evaluation criteria have identical weights, the combined total weights of the identically weighted criteria shall be used;

    c. In the event that a tie still exists after progressing through a–c, the decision shall be made by lot or coin toss. The drawing of lots or coin toss shall be conducted in the presence of the effected bidders if they elect to be present.

55. **VENDOR COMPLAINTS AND DISPUTES:** Brevard County encourages prompt and fair handling of all complaints and disputes with the business community. In order to resolve disputed matters in an equitable manner, the following procedures are adopted:

a. **POSTING OF AWARD NOTICES**

FORMAL SEALED BIDS/QUOTES: No later than three (3) business days after a bid opening the Purchasing Manager, or his/her designee, shall post a tabulation of competitive sealed bids/quotes to the Purchasing Services website and to the DemandStar website. The apparent low bid/quote will be the intended award recommendation. If after posting the tabulation, the apparent low bid/quote is found to be non-responsive to the specifications, the formal award evaluation will be posted. The time for filing a protest will begin the date of the later posting.

FORMAL SEALED PROPOSALS: No later than three (3) business days after the selection committee recommendations are finalized, the Purchasing Manager or his/her designee shall post the selection committee's rankings and recommended award for bids.

b. **PROCEEDINGS**

Any bidder, quoter, or proposer who is allegedly aggrieved in connection with the solicitation or pending award of a contract must file a formal written protest with the Purchasing Manager within five (5) business days of the posted award recommendation.

The formal written protest shall reference the bid/quote/proposal number, and shall state with particularity the facts and laws upon which the protest is based, including full details of adverse effects and the relief sought.

Within seven (7) calendar days of receipt of the formal written protest, the Purchasing Manager will arrange a meeting of the Protest Committee and the affected parties. The Protest Committee shall consist of two (2) Department Directors or designees, both of whom must be from an organizational group which the user department or group is not assigned; one (1) Assistant County Manager, who must be from an organizational group which the user department or group is not assigned under. The Purchasing Manager shall act as a non-voting Hearing Coordinator and the County Attorney or designee may be requested to attend as a non-voting member. The Purchasing Manager or designee record the meeting and provide any information as the committee may request. The purpose of the meeting of the Protest Committee is to provide an opportunity to: (1) review the basis of the protest, (2) evaluate the facts and merits of the bid protest, and (3) if possible, to reach a resolution of the protest that is acceptable to the affected parties. For the purpose of the Protest Committee hearing, resolution shall mean that the Protestor finds the decision of the Protest Committee acceptable.

In the event the matter is not resolved with the Protestor's acceptance of the Protest Committee's decision, the Purchasing Manager will schedule the recommended award including the details of the protest and the Protest Committee's recommendation before the Board of County Commissioners via Board Agenda. The County Manager, prior to approval and placement on the Board agenda, may elect to resolve the matter before presentation to the Board. In the event that the County Manager cannot bring the matter to resolution, a copy of the Agenda Report shall be furnished immediately to all affected parties. The affected parties may appear before the Board of County Commissioners as a final means of administrative remedy.

c. **STAY OF PROCUREMENTS DURING PROTESTS**

Failure to observe any or all of the above procedures shall constitute a waiver the right to protest a contract award. In the event of a timely protest under the procedure, the County shall not proceed further with solicitation or with the award until a recommendation is made by the Committee, or a written determination is made by the County Manager that the award must be made immediately in order to protect the public interest. Invoice disputes between an awarded vendor and user agency will follow the guidelines set forth in AO-33, *Prompt Payment of Invoices*.

ASPHALTIC CONCRETE
BID # B-4-18-50
SPECIAL CONDITIONS

1. PURPOSE

   Brevard County Purchasing on behalf of the Brevard County Public Works department is soliciting annual bids for the purchase of asphaltic concrete on a continuing basis to be purchased on an as needed basis.

   Estimated annual quantities are provided for Brevard County. The quantities provided are estimates only, and do not constitute a minimum or maximum volume of work to be accomplished under this agreement.

2. AGREEMENT PERIOD

   The resulting agreement shall be in effect for one (1) year from the date of award. Agreement shall have the option to renew for up to two (2) additional, one (1) year periods.

3. INFORMATION OR CLARIFICATION

   For information concerning procedures for responding to this bid, contact Jon McLester, Purchasing Services at 321-617-7390 or by email at jonathan.mclester@brevardfl.gov. Such contact shall be for clarification purposes only. Material changes, if any, to the specifications will be transmitted by written addendum through Purchasing Services and posted to the County website at http://www.brevardfl.gov/CentralServices/Purchasing/BiddingOpportunities. The County will not notify bidders of addenda. It is the sole responsibility of the bidder to check the website prior to submitting a bid to verify receipt of all documents to include written addendum.

   Bidders shall promptly notify Purchasing Services, prior to submission of their bid, of any ambiguity, inconsistency or error, which they may discover upon examination of the bid documents. No interpretation of the meaning of specifications or other documents will be made to any bidder orally, nor may bidder rely on any such pre-bid statements in completing the bid. Every request for such interpretation must be in writing addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or emailed to the attention of Jon McLester at jonathan.mclester@brevardfl.gov. To be given consideration, such requests must be received in writing no later than five (5) business days prior to the date for opening of the bids.

4. RECEIVING OF BIDS

   Bids must be received by Brevard County Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite C303, Viera, FL 32940 **no later than June 12, 2018 at 2:00 p.m.**. Bids must be submitted on County format to be considered. **The official time clock will be the date and time stamp clock located in the Purchasing Office**.

   Bids shall be submitted in one (1) original and one (1) copy with the "Original" clearly marked. Paper documents must be provided, but should be accompanied by one (1) equivalent electronic PDF file on compact disc (CD) of USB flash drive.

   Note* Please ensure that if you use a third party carrier (DHL Express, FedEx, UPS, USPS, etc.) that they are properly instructed to deliver your bid only to Purchasing Services on the third *(3rd) floor* at the above address. **Vendors are advised that U.S. Postal Service 1st Class and Express mail is delivered to a P.O. Box and is not delivered to the Purchasing Services Office. Delivery via the USPS is at the Vendor's risk.** To be considered, **a bid must be accepted in Purchasing Services no later than the ITB closing date and time**. If the bid is delivered anywhere else, it may not reach Purchasing Services in time.

5. PRE-BID/WALK THROUGH

A pre-bid meeting shall be held on June 5, 2018 at 9:00 a.m., located in Purchasing Services Conference Room, 2725 Judge, Viera, FL 32940.

☐ **Mandatory** ☒ **Non-Mandatory**

6. AWARD

Award will be made by line item based on cost. Each line item will be awarded a primary and a secondary vendor.

7. LOCAL PREFERENCE NOT A FACTOR

Local Preference shall not be a factor in the award of this bid. The inclusion of Local Preference could make the County ineligible for potential reimbursements from agencies such as FHWA, and/or FEMA in the event of emergency or natural disaster. For this reason item 53 of our Terms and Conditions has been struck-through, and Local Preference shall not apply to this bid.

ASPHALTIC CONCRETE
BID # B-4-18-50
SPECIFICATIONS

1. The material and services to be provided and performed by the awarded vendor are anticipated to be, but not limited to, those services set forth in the specifications. If the contractor fails to properly perform the conditions of the contract, in the sole opinion of the County, the County will communicate to the contractor, in writing, the problem (s) that exist. If the problem(s) persist or reoccur, the County reserves the right to cancel the contract by advising the contractor in writing as per General Conditions #42.

2. All material supplied under this contract must meet the requirements of sections 300, 320, 334, 336, and 337 of the Florida D.O.T. Standard Specifications for Road and Bridge Construction, 2014 edition.

3. All materials supplied under this contract for road paving, resurfacing, patching, and cold patch (one ton minimum) must be available with 72 hours of notification by the agency, and within five business days notice by the agency for any night time work.

4. The contractor must provide a minimum of 48-hour notice prior to leaving job site if scheduled work is not complete.

5. Bidders shall include in their bids the cost for all equipment, materials, and labor to power sweep and apply a tack coat prior to resurfacing and/or patching roads where applicable. No asphalt or patch shall be installed in standing water, or during raining conditions. Asphalt that is installed in such conditions will be removed by the contractor at the contractor's expense.

6. Contractor will be responsible for cleaning of driveways (tack, dirt and debris from brooming.)

7. Contractor shall be responsible for rideability (must bring any problems of existing conditions to County's attention prior to paving.) Corrections on "New Pavement" (reconstructed or new rock base or soil cement) shall be in accordance with FDOT Standards 2014. Roadways subject to straight edge requirements.

8. Contractor to place all asphalt mixtures by the stringline method, per FDOT 330-6.1.1. Contractor is to provide a uniform center line and edge line +/- 1.5 inches. Any corrections for variations will be absorbed at the expense of the contractor.

9. The contractor shall provide temporary striping in accordance with section 102-1 and 102-2 of the Florida D.O.T. Standard Specification for Road and Bridge construction, 2014 edition. When the County's Striping Contractor is not available, the Asphalt Contractor must provide temporary striping.

10. When required, The contractor shall provide all equipment, labor and materials for Maintenance of Traffic in accordance with Florida D.O.T. Design Standards for Design. Construction, Maintenance and Utility Operations on the State Highway System, Standard Specifications for Road and Bridge Construction, as well as the Manual on Uniform Traffic Control Devices (MUTCD) latest editions.

11. The contractor shall conform to the requirements of Section 330, "Hot Mix Asphalt - General Construction Requirements" of Florida D.O.T. Standard Specifications for Road and Bridge Construction 2014 Edition.

12. The contractor shall conform to the requirements of section 327 "Milling of Existing Asphalt Pavement" The Milled surface must be of uniform grade, and be consistent with the profile which existed prior to milling, and be clean and free of loose materials prior to the placement of hot mix.

13. The County will make award in accordance with General Conditions # 22 on the following:

    - Vendor Delivered and Vendor Placed price for SP9.5, SP12.5, FC9.5, FC12.5, and pick-up price for FOB 9.5 asphalt.
    - The Vendor Delivered and Vendor Placed price per ton must include all associated costs. Additional hauling costs will not be allowed.

14. Plant locations must be identified with bid.

15. Bids will be acceptable only from companies supplying from plant sites having been in operation for the last three (3) month period, with a capacity for supply of 400 tons or more during an eight (8) hour workday.

16. Projects still in progress under the County's current agreement will be completed by the contractor under the current agreement. The contractor awarded this bid will be responsible for completion of any projects already in progress when the term of this bid expires.

17. An electronic weight ticket with Brevard County contract number, product mix design number, and plant location clearly marked must accompany all deliveries. Payment may be withheld where no delivery ticket is received with shipment, or if the ticket has incomplete information.

18. Subsequent to award and prior to commencement of contract, successful bidder(s) will be required to furnish proof of minimal insurance coverage per the attached requirements.

19. All references to specifications refer to the Florida Department of Transportation Standard Specifications for Road & Bridge Construction, 2014 edition.

20. Any "pushing" or "slipping" of the asphalt within a 12 month period after placement will be repaired at the contractor's expense.

21. At the start of all paving operations, the edge of the previous pavement shall be saw cut to provide a uniform edge to begin the construction of the paving process. When paving starts in a section where there is no edge, a section of the existing paving shall be milled to a depth of at least 1" and 12' along surface, the width of the section to be paved.

22. Testing maybe required using the following guidelines. Extraction and Gradation samples will be taken from the plant and random field samples for each daily production run per FDOT or County requirements (samples from the field shall be taken directly in front of the power screw feed). All deficiencies will be corrected per FDOT Standards & Specifications for Road & Bridge (2014 version). Cores may also be required to verify thickness.

23. <u>LIQUIDATED DAMAGES</u>
    If the Contractor does not arrive on site as scheduled, the County will provide the Contractor with 24-hours notice that work will be acquired elsewhere. In the event that the County acquires work elsewhere due to contractor non-performance, liquidated damages will be accessed at the actual cost difference the County incurs from the alternate supplier.

    Liquidated damages may be collected by the County by deducting damages from any outstanding invoices.

24. DEFECTIVE MATERIALS

If the contractor provides the County with any defective materials, it shall be the contractors responsibility to remove the defective materials and replace them with correct materials at their own expense. The County will not remit payment for the original materials ordered until this correction is complete.

25. ESTIMATED QUANTITIES/USAGES

Below is a listing of estimated quantities/usages as referenced in Item 1 of the Special Conditions. Please be aware that these are estimates only, and are provided to assist you in preparing your bids. The quantities below in no way guarantee any minimum or maximum amount of product or work to be purchased.

Brevard County Board of County Commissioners: Superpave 9.5 58,000; Superpave 12.5 – 14,000; FC 12.5 30,000.

The Contractor shall be responsible for preventing all asphalt paving debris from entering the storm drainage system of Brevard County. The Contractor shall use best management practices to establish inlet protection and the prevention of all unsuitable materials from entering into the storm system.

SUBMIT SEALED BID TO:
BREVARD COUNTY PURCHASING SERVICES
2725 JUDGE FRAN JAMIESON WAY
BLDG. C, 3rd FLOOR, SUITE C-303
VIERA, FL 32940

Brevard COUNTY Purchasing Services

INVITATION TO BID
Bid Acknowledgment

PROCUREMENT ANALYST: (321) 617-7390
Jon McLester Ext. 5-6049
jonathan.mclester@brevardfl.gov

AN EQUAL OPPORTUNITY EMPLOYER

FLORIDA TAX EXEMPT #85-8012621749C-1
FEDERAL TAX EXEMPT #59-6000523

BID SPECIFICATIONS MAY BE OBTAINED AT: Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or on our Brevard County Purchasing Services website, or at the Onvia DemandStar® website.

MAILING DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE AND TIME:
May 17, 2018	Asphaltic Concrete	B-4-18-50	June 12, 2018 at 2:00 p.m.

PRE-BID DATE, TIME, AND LOCATION:
A pre-bid meeting will be held on June 5 , 2018 at 9:00 a.m. in the Purchasing Conference Room located at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Viera, FL 32940

☐ Mandatory
☒ Non-Mandatory

BIDS RECEIVED AFTER ABOVE DATE AND TIME WILL NOT BE ACCEPTED

▼VENDOR MUST COMPLETE THIS AREA AND RETURN FORM▼

LEGAL NAME OF BIDDER AND BUSINESS ADDRESS:
Preferred Materials, Inc.
1806 33rd Street, Suite 150
Orlando, FL 32839

TELEPHONE NUMBER/TOLL-FREE NUMBER:
(407) 343-7445

FEDERAL ID NO. (FEIN) OR SOCIAL SECURITY NO. (SSN):
58-1401468

If returning as a "no bid," state reason:

ORIGINAL

I certify that this bid is made without prior understanding, agreement, or connections with any corporation, firm or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the County of Brevard, the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign, or transfer to the County of Brevard all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the County of Brevard. At the County's discretion, such assignment shall be made and become effective at the time the County tenders final payment to the bidder.

The bidder acknowledges that information provided in this ITB is true and correct.

X _____
AUTHORIZED SIGNATURE (*MANUAL*)

Michael Iapaluccio
NAME (*PRINTED*)

Authorized Employee
TITLE

6-12-18
DATE

THIS FORM MUST BE NOTARIZED AND RETURNED WITH YOUR BID

Sworn to and subscribed before me this 12th day of June 20 18.

Personally known: ☒

Or produced identification: ☐ Type of ID: _____

_____ FL
SIGNATURE OF NOTARY PUBLIC STATE

Ashley J. Colón
NAME OF NOTARY PUBLIC (*PRINTED*)

My commission expires: 3/16/19

(AFFIX SEAL or STAMP)

FLORIDA NOTARY ASSOCIATION SINCE 1978

Ashley J. Colon
NOTARY PUBLIC
STATE OF FLORIDA
Comm# FF210383
Expires 3/16/2019

BOND DATA

VENDOR MUST PROVIDE: **AMOUNT:**

Yes ☐	No ☒	BID BOND	
Yes ☒	No ☐	PERFORMANCE BOND	100% on projects over $100,000
Yes ☐	No ☒	LABOR, MATERIAL, PERFORMANCE BOND	

In cases where the amount of a surety bond exceeds $500,000, the surety company must have an A.M. Best's rating as specified in this document, and depending on the amount of the bond, shall have a minimum A.M. Best's financial size category (FSC) ranking as follows:

BOND AMOUNT UP TO:	FINANCIAL CLASS	BOND AMOUNT UP TO:	FINANCIAL CLASS
$ 1,000,000	I	$ 25,000,000	V
$ 2,000,000	II	$ 50,000,000	VI
$ 5,000,000	III	$ 100,000,000	VII
$ 10,000,000	IV		

Bonds must be issued by a surety company who complies with the requirements of § 287.0935, Fla. Stat.

PAYMENT OF GOODS OR SERVICES PROVIDED AS A RESULT OF THIS SOLICITATION WILL BE MADE PER FLORIDA STATUTE.
ALL FIRST TIME VENDORS MUST SUBMIT A W-9 FORM.

ASPHALTIC CONCRETE
BID # B-4-18-50

PRICE SHEET

ASPHALTIC CONCRETE	DESCRIPTION	ROAD PAVING	PARKING LOTS	BIKE PATHS
Superpave SP-9.5	Vendor Delivered, Vendor Placed	$ 85.56 Ton	$ 110.00 Ton	$ 155.00 Ton
Superpave SP-12.5	Vendor Delivered, Vendor Placed	$ 81.86 Ton	$ 107.00 Ton	$ 154.00 Ton
FRICTION COURSE		ROAD PAVING		
Friction Course FC-5	Vendor Delivered, Vendor Placed	$ 175.00 Ton		
Friction Course FC-9.5	Vendor Delivered, Vendor Placed	$ 125.00 Ton		
Friction Course FC 12.5	Vendor Delivered, Vendor Placed	$ 110.00 Ton		
SPEED HUMPS SP-9.5	Vendor Delivered, Vendor Placed	$ 500.00 Ton		
LESS THAN 25 TN PATCHING SP-9.5	Vendor Delivered, Vendor Placed	$ 500.00 Ton		
25-50 TN PATCHING SP 9.5	Vendor Delivered, Vendor Placed	$ 400.00 Ton		
TACK FOB Gallon	FOB GALLON	$ N/A Gal		
PRIME	Vendor Delivered, Vendor Placed	$ 1.00 SY		
PRIM AND SAND	Vendor Delivered, Vendor Placed	$ 1.00 SY		
SAND 3% HOT MIX	Vendor Delivered, Vendor Placed	$ 500.00 Ton	$ 7.00 SY	
HOT ASPHALT FOR PICK UP FOB AT PLANT SP-9.5	FOR PICK UP	$ 73.00 Ton		
TEMPORARY STRIPING	**Vendor Schedules and Provides**	**$ 2.50 L.F.**		
Night Work	Cost per ton	$ 10.00 Ton		
Cost for Milling & Clean Up	SY 0-2,500 and under	$ 5.00 SY		
	SY $2,501 - 5,000	$ 2.50 SY		
	SY 5,001 to 15,000	$ 2.00 SY		
	SY 15,001 and over	$ 2.00 SY		
Asphalt Millings for Pickup FOB at Plant		$ 35.00 SY		

Plant Locations: 6210 North US Hwy 1, Melbourne, FL 32940 & 760 Macasphalt Pl, Winter Springs, FL 32708

If primary contractor cannot meet the 72-hour availability notification, would you be willing to negotiate price and provide this service as a secondary source? __X__Yes / _____No

Addendum Acknowledgment:

Add. No.__1__Dated__06/07/18_____ / Add. No._____Dated_____

Add. No._____Dated_____ / Add. No._____Dated_____

ASPHALTIC CONCRETE **PRICE SHEET (Continued)**
BID # B-4-18-50

PROMPT PAYMENT DISCOUNT:

Brevard County shall remit payment in accordance with the Florida Prompt Payment Act, Florida Statutes section 218.70. Bidders may offer cash discountss for prompt payment, but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory

If Prompt Payment Discount is offered, please state discount terms below:

N/A

Does your company accept payment via ACH? X YES / _____NO

I hereby certify that I have read and agree to all terms and conditions, specifications, and insurance requirements outlined herein:

VENDOR Preferred Materials, Inc.

ADDRESS 1806 33rd Street, Suite 150, Orlando FL 32839

AUTHORIZED SIGNATURE

PRINTED SIGNATURE Michael Iapaluccio DATE 6-12-18

TELEPHONE # (407) 343-7445 FAX # (407) 839-1457

GENERAL CONDITIONS, TERMS, AND PROVISIONS

1. **DEFINITIONS:**

   a. COUNTY - The term "COUNTY" herein refers to the County of Brevard, Florida, and its duly authorized representatives.

   b. BIDDER - The term "BIDDER" used herein refers to the dealer/ manufacturer/business organization submitting a bid to the County in response to this invitation.

   c. VENDOR - The term "VENDOR" used herein refers to any dealer/manufacturer/business organization that will be awarded a contract pursuant to the terms, conditions and quotations of the bid.

   d. USING AGENCY - The term "USING AGENCY" used herein refers to any department, division, agency, commission, board, committee, authority or other unit in the County Government using supplies or procuring contractual services as provided for in the Purchasing Ordinance of the County of Brevard.

   e. HEAVY DUTY - The item(s) to which the term "HEAVY DUTY" is applied shall exceed the usual quality and/or capacity supplied with standard production equipment and shall be able to withstand unusual strain, exposure, temperature, wear and use.

   f. QUALIFIED BIDDER - The best bidder who has the capability in all respects to fully perform the bid requirements, and has the financial stability, honesty, integrity, skill, business judgment, experience, facilities, and reliability necessary to assure good faith performance of the contract, as determined by reference to the Contractor's Qualification Statement, evaluations by County staff of the bidder or its subcontractors' past performance for the Board, an any other information required by Board policies.

   g. RESPONSIVE BIDDER - A bidder who has submitted a bid, which conforms in all respects to the requirements of the bid package, including, but not limited to, submission of the bid on required forms with all required information, signatures, and notarizations at the place and time specified.

   h. DUE CAUSE – An applicable reason affecting and concerning the ability and fitness of the contractor(s) to perform to the specifications and requirements of the contract.

2. **SUBMISSION OF BIDS:** All bids shall be submitted in a sealed envelope. The bid number, title, and opening date shall be clearly displayed on the outside of the sealed envelope. The delivery of said bid to Purchasing Services prior to the specified opening date and time is solely and strictly the responsibility of the bidder. Any bids received in Purchasing after the specified date and time will not be accepted.

3. **EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the space(s) provided. Bids must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to any bid entry must be initialed. The company name and Federal Employer Identification Number (FEID) number shall appear in the space(s) provided.

4. **BID OPENING:** Bid opening shall be public on the date and time specified. Sealed bids received by an agency pursuant to invitations to bid are exempt from the provisions of subsection (1) and s. 24(a), Art. I of the State Constitution until such time as the agency provides notice of a decision or intended decision pursuant to s. 120.57(3)(a) or within 30 days after bid or proposal opening, whichever is earlier. In accordance with Florida Statute 119.071(1)(b)2, the names of the firms submitting a competitive solicitation will be read aloud at this time of the opening. No details of the competitive solicitation will be released. Bid must be submitted on forms provided by the County. No other forms will be accepted. Fax, telephone, emailed, or verbal Bids are not acceptable and will not be considered. No bid may be modified after opening. No bid may be withdrawn after opening for a period of ninety (90) days unless otherwise specified.

5. **BID TABULATIONS:** Bid tabulations are posted to the Brevard County Purchasing Services website at http://www.brevardfl.gov/CentralServices/Purchasing and the DemandStar website at: www.demandstar.com.

6. **CLARIFICATION/CORRECTION OF BID ENTRY:** The County reserves the right to allow for the clarification of questionable entries and for the correction of OBVIOUS MISTAKES.

7. **INTERPRETATION:** No interpretation of the meaning of the specifications, or other contract documents will be made orally to any bidder. Every request for such interpretation must be in writing, addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Suite 303 Viera, FL 32940, or emailed to the attention of the applicable Procurement Analyst. To be given consideration, such requests must be received at least five (5) business days prior to the date fixed for the opening of the bid. Any and all such interpretation and supplemental instructions will be in the form of a written addendum. Failure of any bidder to receive any such addendum or interpretation shall not relieve said bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents, whether or not the successful bidder received a copy of such addendum, it being understood that all bidders are responsible to verify that they have received any such addenda prior to submitting their bid.

8. **EEO STATEMENT:** Vendors must ensure that employees and applicants for employment are not discriminated against for reasons of race, color, age, religion, sex, national origin, or handicapped status. Minority and female-owned businesses are encouraged to participate. Brevard County is an equal opportunity employer.

9. **PRICING:** Firm prices shall be proposed and include FOB DESTINATION, all packing, handling, shipping charges, fuel surcharges and delivery, unless otherwise indicated, to any point within the County to a secure area or inside delivery. All prices, costs, and conditions shall remain firm and valid for 90 days from the date of opening. The obligations of Brevard County under this award are subject to the availability of funds lawfully appropriated for its purpose by the State of Florida and/or the Brevard County Board of County Commissioners.

10. **ADDITIONAL TERMS & CONDITIONS:** The County of Brevard reserves the right to reject bids containing any additional terms or conditions not specifically requested in the original conditions and specifications.

11. **TAXES:** The County of Brevard is exempt from Federal excise taxes and all sales taxes.

12. **DISCOUNTS:** All discounts, EXCEPT THOSE FOR PROMPT PAYMENT, shall be considered in determining the lowest net cost for bid evaluation purposes.

13. **MEETS SPECIFICATIONS:** All equipment and accessories furnished under these specifications shall be new, the latest model in current production, and shall be of good quality, workmanship, and material. The bidder represents that all equipment offered under these specifications shall meet or exceed the minimum requirements specified. Delivery specifications shall be strictly adhered to. The bidder shall be responsible for performing the work necessary to meet County standards in a safe, neat, good, and workmanlike manner.

14. **BRAND NAME OR EQUAL:** If items called for by this invitation have been identified in the specifications by a "Brand Name or Equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be acceptable. Bids offering "equal" products will be considered for award

if such products are clearly identified in the bid and are determined by the County to meet fully the salient characteristics requirements listed in the specifications. Unless the bidder clearly indicates in his bid that he is offering an "equal" product, the bid shall be considered as offering the same brand name product referenced in the specifications. If the bidder proposes to furnish an "equal" product, the brand name if any, or the product to be furnished shall be inserted in the space provided or such product shall be otherwise clearly identified. The evaluation of bids and the determination as to equality of the product offered shall be the responsibility of the County and will be based on information furnished by the bidder. Purchasing Services is not responsible for locating or securing any information, which is not identified in the bid and reasonably available to Purchasing Services. To ensure that sufficient information is available the bidder shall furnish as a part of the bid, or prior to bid opening, as indicated, all descriptive material necessary for Purchasing Services to determine whether the product offered meets the salient characteristics required by the specifications and establish exactly what the bidder proposes to furnish and what the County would be binding itself to purchase by making an award.

15. **SILENCE OF SPECIFICATIONS:** The apparent silence of the specifications and any supplemental specifications as to any details or the omission from same of any detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail and only materials of first quality be provided. All interpretations of this specification shall be made upon the basis of this statement.

16. **ASSIGNMENT:** Any purchase order (PO) issued pursuant to this bid and the moneys, which may become due hereunder is not assignable except with the prior written approval of the Purchasing Manager.

17. **INDEMNIFICATION:** The successful bidder agrees to indemnify and hold harmless the County and their employees from all claims, losses and expenses, including attorneys' fees, arising out of or resulting from the performance, failure in the performance of, or defect in, the products or services to be contracted, provided such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, death, or personal injury, or to property damage, including loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the vendor, any subcontractor or any of their employees, or arises from a job-related injury. The successful bidder acknowledges adequate consideration for this indemnification provision.

18. **PATENTS AND ROYALTIES:** The bidder, without exception shall indemnify and save harmless the County of Brevard and its employees from liability of any nature of kind including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County of Brevard. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any involved in the work.

19. **TRAINING:** If specified, supplier(s) may be required at the convenience of the County, to provide employees training in the operation and maintenance of any items(s) purchased from this bid.

20. **ACCEPTANCE:** Items may be tested for compliance with specification. Items delivered not conforming to specifications may be rejected and returned at vendor's expense. Those items not delivered as per delivery date in bid and/or purchase order may be purchased on the open market. Any increase in cost may be charged against the vendor. Any violations of these stipulations may also result in the vendor name being removed from the bid list and the vendor disqualified from doing business with the County.

21. **SAFETY WARRANTY:** The selling dealer, distributor, supplier, and manufacturer shall be responsible for having compiled with all Federal, State and local standards, regulations, and laws concerning the equipment specified and the use thereof, applicable and effective on the date of manufacture including safety and environmental standards as apply to both private industry and governmental agencies.

22. **WARRANTY:** The bidder agrees that, unless otherwise specified, the supplies and/or services furnished under this bid shall be covered by the most favorable commercial warranty the bidder gives to any customer for comparable quantities of such supplies and/or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the County by any other provision of this bid.

23. **AWARDS:** As the best interest of the County may require, the right is reserved to make award(s) by individual items, group of items, all or none, or a combination thereof; on a geographical basis and/or on a countywide basis with one or more suppliers; to reject any and all bids or waive any minor irregularly or technicality in bids received. Bidders are cautioned to make no assumptions unless their bid has been evaluated as being responsive and qualified. All awards made as a result of this bid shall conform to applicable ordinances of the County. The Board may return, for full credit, any unused items received which fail to meet the Board's performance standards. Brevard County reserves the right to cancel an awarded bid upon due cause—i.e., vendor misrepresentation, vendor negligence, non-performance, etc. via written notice.

24. **Unless otherwise noted in the bid document, vendors shall submit *one bid only*.**

25. **CONFLICT OF INTEREST:** The award hereunder is subject to provisions of State of Florida Statutes and Brevard County Ordinances. All Bidders must disclose with their bid the name of any officer, director, or agent who is also an employee of Brevard County. Further, all bidders must disclose the name of any County employee who owns, directly or indirectly, any interest in the proposer's firm or any of its branches.

26. **PURCHASING AGREEMENTS WITH OTHER GOVERNMENTAL ENTITIES:** Brevard County permits the awarded vendor(s) to extend the pricing, terms and conditions of this solicitation to other governmental entities at the vendor's discretion. Each governmental entity that utilizes this solicitation or resulting contract will be responsible for execution of its own requirements with the awarded vendor(s).

27. **DRUG-FREE WORKPLACE:** Whenever two or more bids, which are equal with respect to price, quality, and service, are received by Brevard County for the procurement of commodities or contractual services, a bid received from a business that has implemented a drug-free workplace program per 287.087, Fla. Stat. shall be given preference in the award process.

28. **LOBBYING STATEMENT:** All firms are hereby placed on notice the County Commission and staff shall not be contacted about this Bid. Firms and their agents are hereby placed on notice that they are not to contact members of the County Commission or staff (with the exception of designated liaison). Public meetings and public deliberations of the Selection Committee are the only acceptable forum for the discussion of merits of products/services requested by the Invitation to Bid; and written correspondence concerning Bids may be submitted to the County Manager. Each Bid will have one non-voting staff member designated who will serve as the liaison. Failure to adhere to these requirements could result in Board action to disqualify your firm from consideration of award.

29. **PUBLIC ENTITY CRIMES:** All bidders are hereby placed on notice that 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 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 contractor, supplier, subcontractor, 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 287.017 Fla. Stat.

for CATEGORY TWO (currently $35,000) for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

30. **DISCRIMINATORY VENDOR LIST:** An entity or affiliate placed on the Discriminatory Vendor List shall not submit a Bid for a contract to provide goods or services to a public entity, shall not submit a Bid on a contract with a public entity for the construction or repair of a public building or perform any public work, shall not submit Bids for leases of real property to a public entity, shall not award or perform work as a contractor, supplier, subcontractor, or consultant under any contract with any public entity, and shall not transact business with any public entity per 287.134(3)(d), Fla. Stat.

31. **SCRUTINIZED COMPANIES:** Section 287.135, Fla. Stat., prohibits agencies from contracting with companies for foods or services of $1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Both lists are created pursuant to Section 215.473, Fla. Stat.

32. **LICENSES, CERTIFICATIONS, AND PERMITS:** The successful vendor will be required to secure, at its expense and show proof of the proper business tax receipt and/or any other license/certification required of the applicable service/work being performed. Prior to award, the apparent low bidder will be required to provide proof of license and/or certification within two (2) business days of the posted awarded recommendation and submit copies of license/certifications to the Purchasing Office. The Brevard County Contractor Licensing Regulation & Enforcement (LR&E) office is responsible for the county licensing of trades: General Building, drywall, plumbing, electric, HVAC, roofing, etc. If you have questions concerning the licensing requirements for a Brevard County contractor's license, please Contact the Brevard County LR&E office at (321) 633-2058, option 0, for any questions.

    The awarded contractor shall fully comply with all federal and state laws, county and municipal ordinances and regulations in any manner affecting the performance of the work. The successful vendor is responsible for obtaining all permits necessary to construct the project. Brevard County does not exempt itself from permitting requirements. The Owner shall pay all Brevard County permit, inspection and impact fees required for the project or services required under this contract; all other fees for permits required by agencies/municipalities other than Brevard County shall be the responsibility of the awarded Contractor. A copy of issued permit shall be provided to the User Department of the County for their records.

33. **ERRORS:** In the event of extension error(s), the unit price will prevail. In the event of addition error(s), the extended totals will prevail. In either case, the bidder's total offer will be adjusted accordingly.

34. **CANCELLATION AND REINSURANCE:** If any insurance should be canceled or changed by the insurance expiring during the period of this bid award, the vendor shall be responsible for securing other acceptable insurance to provide the coverage specified in the bid to maintain continuous coverage during the life of the award.

35. **INCURRED COST:** Brevard County is not liable for any cost incurred by any vendor prior to an award. Costs for developing a response to this request for bid are entirely the obligation of the bidder and shall not be chargeable in any manner to Brevard County.

36. **MATERIALS/SUPPLIES:** No materials or supplies for the work shall be purchased by the vendor or by any subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller.

37. **SUBCONTRACTORS:** The vendor shall be fully responsible for all acts and omissions of his subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts and omissions of persons directly employed by him.

38. **VERBAL INSTRUCTIONS:** No negotiations, decisions, or actions shall be initiated or executed by the vendor as a result of any discussions with any County employee. Only those communications, which are in writing from an authorized County representative, may be considered. Only written communications from vendors, which are assigned by a person designated as authorized to bind the company, will be recognized by the County as duly authorized expressions on behalf of the company.

39. **LITIGATION VENUE:** All litigation shall take place either in the State Courts of Florida, wherein venue shall lie in Brevard County, Florida, or in the Federal Courts wherein venue shall lie in the Central District in and for the State of Florida. The vendor expressly waives venue in any other location.

40. **ADDITION, DELETION, OR MODIFICATION OF SERVICES:** The County reserves the right at its sole discretion to increase, decrease, or delete any portion of this agreement/contract at any time without cause, and if such right is exercised by the County, the total fee shall be reduced by a prorate basis. If work has already been accomplished on the portion of the contract to be increased, decreased, or deleted, the contractor shall be paid for the correct portion on the basis of the estimated percentage agreed upon by the County, the contractor, and the contract manager upon completion of such portion.

41. **OPERATION DURING DISPUTE:** In the event the County has not canceled the contract in accordance with the terms of the contract, and there remains a dispute between the bidder and the County, the bidder agrees to continue to operate and perform under the terms of the contract while such dispute is pending. Further, the bidder agrees that, in the event a suit is filed for injunction or other relief, it will continue to operate the system until the final adjudication of such suit by the court.

42. **CONTRACT TERMINATION:** The contract resulting from this bid shall commence upon issuance and acceptance of the fully executed contract. The County user agency shall issue orders against the contract on an as needed basis. The contract may be canceled by the vendor, for good cause, upon ninety (90) days prior written notice. The County retains the right to terminate the contract, in part or in its entirety, with or without good cause, upon thirty (30) days prior written notice or as stated herein. In the event of termination by either party as provided herein, the awarded vendor shall be paid for services performed through the date of termination.

43. **SPECIAL ACCOMMODATIONS:** In accordance with the Americans with Disabilities Act (ADA) and Section 286.26, Fla. Stat., persons with disabilities needing special accommodations to participate should contact the ADA Coordinator at (321) 633-2017 or by email at Brian.Breslin@BrevardFL.gov, and must be made no later than 48 hours prior the public meeting/hearing in order to provide the requested service.

44. **BIDDER RESPONSIBILITIES:** Bidders, by submitting a bid, certify that it understands all planning, coordinating, and implementation of the described services shall be done through personal contact between the bidder and the contract manager, and that telephone contact and mail correspondence may, in some cases, not be appropriate. County approved representatives of the bidder shall be available to meet with the contract manager, as may be required, to accomplish the County's objectives as effectively and efficiently as possible, during all phases of this agreement/contract/bid.

45. **SUPERVISION OF CONTRACT PERFORMANCE:** The bidder's performance of the contract will be notified by the contract manager. The bidder shall be notified of lack of performance in writing by the contract manager. If at any time during the term of the contract, performance satisfactory to the contract manager shall not have been made, the bidder, upon written notification by the contract manager, shall within three (3) days increase the force, tools and equipment as needed to properly perform the contract. The failure of the contract manager to file such notification shall not relieve the bidder of the obligation to perform the work at the time and in the manner specified by the contract. If the bidder does not

increase the force or neglects to do the work properly, the contract manager can withhold a percentage of payment or withhold the entire dollar amount due as per the contract.

46. **MISUNDERSTANDING:** To prevent misunderstanding and any litigation, the contract manager shall decide any and all questions, which may arise concerning the quality and acceptability of the work, and services performed, the sufficiency of performance, the interpretation of the provisions of the contract, and the acceptable fulfillment of the contract on the part of the bidder. The Contract Manager will determine whether or not the amount, quantity, character and quality of the work performed are satisfactory, which determination shall be final, conclusive and binding upon both the bidder and the County. The contract manager shall make such explanation as may be necessary to complete, explain, or make definite the provisions of the contract, and his findings and conclusions shall be final and binding upon both parties.

47. **GREEN PROCUREMENT POLICY:** The Board of County Commissioners approved a "green procurement" policy in March 2004 to establish procurement requirements that promote the purchase and use of Environmentally Preferred Products as defined by the United States Environmental Protection Agency. Environmentally Preferred Products (EPP) are those products and services that have a reduced effect on the human health and the environment when compared to other products and services that serve the same purpose. EPP produces encourage (1) waste reduction; (2) reduced exposure to hazardous materials; (3) natural resource conservation; and (4) energy efficiency.

48. **MONITORING OF WORK:** The bidder shall provide the contract manager with every reasonable opportunity to ascertain whether or not the work, as performed, is in accordance with the requirements of the contract. The bidder shall designate, in writing, a person to serve as liaison between the bidder and the County.

49. **PROMPT PAYMENT:** For payment promptness, Brevard County shall remit payment in accordance with the Florida Prompt Payment Act, Section 218.70, Fla. Stat., et seq. Brevard County does not expect to be billed in excess of the ordered quantity and will not pay for any quantity above the ordered quantity. Any order placed as a result of this bid will be subject to Billing Instructions and Conditions on the back of the Brevard County Purchase Order form. Bidders may offer cash discounts for prompt payment but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last. Requests for final payment for any work or services for which a permit is required shall include a copy of all required permits and copies of all required inspection reports. Failure to provide proof of acquisition of all required permits and successful completion of all required inspections shall represent an incomplete invoice and will delay payment.

50. **RIGHT TO AUDIT RECORDS:** In performance of this Agreement, the Contractor shall keep books, records, and accounts of all activities related to the Agreement, in compliance with generally accepted accounting procedures. All documents, papers, books, records and accounts made or received by the contractor in conjunction with the Agreement and the performance of this Agreement shall be open to inspection during regular business hours by an authorized representative of the office and shall be retained by the contractor for a period of three (3) years after termination of this Agreement, unless such records are exempt from section 24(a) of Article I of the State Constitution and section 119.07(1), Fla. Stat.

51. **UNAUTHORIZED ALIEN WORKERS:** Brevard County will not accept bids from vendors who knowingly employ unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S. Code § 1324a(e) (Section 274A(e) of the Immigration and Nationality Act "INA"). The County shall consider a vendor's intentional employment of unauthorized aliens as grounds for immediate termination of any awarded bid.

52. **FLORIDA PUBLIC RECORDS LAW:** Both parties understand that the County is subject to the Florida Public Records Law, Chapter 119, Fla. Stat. and all other applicable Florida Statutes. If the materials provided by the Contractor do not fall under a specific exemption, under Florida or federal law, materials provided by the Contractor to the County would have to be provided to anyone making a public records request. It will be the bidder's duty to identify the information, which it deems is exempt under Florida/federal law, and identify the statute by number, which exempts that information.

    Should any person or entity make a public request of the County—which requires or would require the County to allow inspection or provide copies of records which the Contractor maintains are exempt from Public Records Law or are confidential—it shall be the Contractors obligation to provide the County within 24 hours (not including weekends and legal holidays), of notification by the County to the Contractor of the request, of the specific exemption or confidentiality provision so the County will able to comply with the requirements of 119.07(1)(e) and (f) , Fla. Stat.

    Should the County face any kind of legal action to require or enforce inspection or production of any records provided by the Contractor to the County which the Contractor maintains are exempt or confidential from such inspection/production as a public record, then the Contractor shall hire and compensate attorney(s) who shall represent the interest of the County as well as the Contractor in defending such action. The Contractor shall also pay any costs to defend such action and shall pay any costs and attorney fees, which may be awarded pursuant to 119.12, Fla. Stat.

    All material submitted becomes the property of the County and may be returned only at the County's option. The County has the right to use any or all ideas presented in any reply to this ITB. Selection or rejection of any bid does not affect this right.

53. **COUNTY SEAL:** Use of the County Seal without the express approval of the Board of County Commissioners is a violation of 165.043, Fla. Stat. punishable as a misdemeanor.

54. **TIE BIDS:** Award of all tie quotes/bids shall be made by the Purchasing Manager in accordance with State Statutes, which allows a firm certified as a Drug-Free Workplace to have precedence. When evaluation of vendor responses to solicitations results in identical offers, with regards to bids or quotations, or identical ranking with regards to proposals, from two or more vendors, the County shall determine the order of award using the following criteria in order of preference listed below (from highest priority to lowest priority):

    a. For tie bids, quotations or proposals, priority shall be given to the vendor certifying that he/she is a Drug-Free Workplace as defined within 287.087, Fla. Stat.;

    b. Should a tie still exist, <u>in the case of proposals only</u>, priority shall be given until the tie is broken, to the vendor with the highest total of raw scores for each evaluation criteria, progressing from the highest weighted criteria to the lowest rated criteria. If multiple evaluation criteria have identical weights, the combined total weights of the identically weighted criteria shall be used;

    c. In the event that a tie still exists after progressing through a–c, the decision shall be made by lot or coin toss. The drawing of lots or coin toss shall be conducted in the presence of the effected bidders if they elect to be present.

55. **VENDOR COMPLAINTS AND DISPUTES:** Brevard County encourages prompt and fair handling of all complaints and disputes with the business community. In order to resolve disputed matters in an equitable manner, the following procedures are adopted:

a. **POSTING OF AWARD NOTICES**

FORMAL SEALED BIDS/QUOTES: No later than three (3) business days after a bid opening the Purchasing Manager, or his/her designee, shall post a tabulation of competitive sealed bids/quotes to the Purchasing Services website and to the DemandStar website. The apparent low bid/quote will be the intended award recommendation. If after posting the tabulation, the apparent low bid/quote is found to be non-responsive to the specifications, the formal award evaluation will be posted. The time for filing a protest will begin the date of the later posting.

FORMAL SEALED PROPOSALS: No later than three (3) business days after the selection committee recommendations are finalized, the Purchasing Manager or his/her designee shall post the selection committee's rankings and recommended award for bids.

b. **PROCEEDINGS**

Any bidder, quoter, or proposer who is allegedly aggrieved in connection with the solicitation or pending award of a contract must file a formal written protest with the Purchasing Manager within five (5) business days of the posted award recommendation.

The formal written protest shall reference the bid/quote/proposal number, and shall state with particularity the facts and laws upon which the protest is based, including full details of adverse effects and the relief sought.

Within seven (7) calendar days of receipt of the formal written protest, the Purchasing Manager will arrange a meeting of the Protest Committee and the affected parties. The Protest Committee shall consist of two (2) Department Directors or designees, both of whom must be from an organizational group which the user department or group is not assigned; one (1) Assistant County Manager, who must be from an organizational group which the user department or group is not assigned under. The Purchasing Manager shall act as a non-voting Hearing Coordinator and the County Attorney or designee may be requested to attend as a non-voting member. The Purchasing Manager or designee record the meeting and provide any information as the committee may request. The purpose of the meeting of the Protest Committee is to provide an opportunity to: (1) review the basis of the protest, (2) evaluate the facts and merits of the bid protest, and (3) if possible, to reach a resolution of the protest that is acceptable to the affected parties. For the purpose of the Protest Committee hearing, resolution shall mean that the Protestor finds the decision of the Protest Committee acceptable.

In the event the matter is not resolved with the Protestor's acceptance of the Protest Committee's decision, the Purchasing Manager will schedule the recommended award including the details of the protest and the Protest Committee's recommendation before the Board of County Commissioners via Board Agenda. The County Manager, prior to approval and placement on the Board agenda, may elect to resolve the matter before presentation to the Board. In the event that the County Manager cannot bring the matter to resolution, a copy of the Agenda Report shall be furnished immediately to all affected parties. The affected parties may appear before the Board of County Commissioners as a final means of administrative remedy.

c. **STAY OF PROCUREMENTS DURING PROTESTS**

Failure to observe any or all of the above procedures shall constitute a waiver the right to protest a contract award. In the event of a timely protest under the procedure, the County shall not proceed further with solicitation or with the award until a recommendation is made by the Committee, or a written determination is made by the County Manager that the award must be made immediately in order to protect the public interest. Invoice disputes between an awarded vendor and user agency will follow the guidelines set forth in AO-33, *Prompt Payment of Invoices*.

ASPHALTIC CONCRETE
BID # B-4-18-50
BIDDER'S CHECKLIST

The items indicated are required for submission with your bid. Failure to submit any items indicated as required may result in rejection of the bid. Offers to provide required items after the date and time designated for the receipt of bid will <u>not</u> be considered.

- ☒ Signed/Notarized Bid Invitation
- ☒ Completed and Signed Price Sheet, Specifications and Insurance Indemnification Acknowledgement (hard copy)
- ☒ One electronic copy of Bid submitted on CD/DVD or Flash Drive
- ☒ References
- ☒ Proposed Plant Locations
- ☒ Conditions for Emergency/Hurricane or Disaster Form
- ☒ W-9 Form – Latest Edition

In order for this bid to be valid, the above forms and information shall be completed in their entirety, signed by an authorized representative of the responding vendor, and returned as part of the bid response.

ASPHALTIC CONCRETE
BID # B-4-18-50
SPECIAL CONDITIONS

1. PURPOSE

Brevard County Purchasing on behalf of the Brevard County Public Works department is soliciting annual bids for the purchase of asphaltic concrete on a continuing basis to be purchased on an as needed basis.

Estimated annual quantities are provided for Brevard County. The quantities provided are estimates only, and do not constitute a minimum or maximum volume of work to be accomplished under this agreement.

2. AGREEMENT PERIOD

The resulting agreement shall be in effect for one (1) year from the date of award. Agreement shall have the option to renew for up to two (2) additional, one (1) year periods.

3. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this bid, contact Jon McLester, Purchasing Services at 321-617-7390 or by email at jonathan.mclester@brevardfl.gov. Such contact shall be for clarification purposes only. Material changes, if any, to the specifications will be transmitted by written addendum through Purchasing Services and posted to the County website at http://www.brevardfl.gov/CentralServices/Purchasing/BiddingOpportunities. The County will not notify bidders of addenda. It is the sole responsibility of the bidder to check the website prior to submitting a bid to verify receipt of all documents to include written addendum.

Bidders shall promptly notify Purchasing Services, prior to submission of their bid, of any ambiguity, inconsistency or error, which they may discover upon examination of the bid documents. No interpretation of the meaning of specifications or other documents will be made to any bidder orally, nor may bidder rely on any such pre-bid statements in completing the bid. Every request for such interpretation must be in writing addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or emailed to the attention of Jon McLester at jonathan.mclester@brevardfl.gov. To be given consideration, such requests must be received in writing no later than five (5) business days prior to the date for opening of the bids.

4. RECEIVING OF BIDS

Bids must be received by Brevard County Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite C303, Viera, FL 32940 **no later than June 12, 2018 at 2:00 p.m.**. Bids must be submitted on County format to be considered. **The official time clock will be the date and time stamp clock located in the Purchasing Office.**

Bids shall be submitted in one (1) original and one (1) copy with the "Original" clearly marked. Paper documents must be provided, but should be accompanied by one (1) equivalent electronic PDF file on compact disc (CD) of USB flash drive.

Note* Please ensure that if you use a third party carrier (DHL Express, FedEx, UPS, USPS, etc.) that they are properly instructed to deliver your bid only to Purchasing Services on the third *(3rd) floor* at the above address. **Vendors are advised that U.S. Postal Service 1st Class and Express mail is delivered to a P.O. Box and is not delivered to the Purchasing Services Office. Delivery via the USPS is at the Vendor's risk.** To be considered, **a bid must be accepted in Purchasing Services no later than the ITB closing date and time.** If the bid is delivered anywhere else, it may not reach Purchasing Services in time.

5. PRE-BID/WALK THROUGH

A pre-bid meeting shall be held on June 5, 2018 at 9:00 a.m., located in Purchasing Services Conference Room, 2725 Judge, Viera, FL 32940.

☐ **Mandatory** ☒ **Non-Mandatory**

6. AWARD

Award will be made by line item based on cost. Each line item will be awarded a primary and a secondary vendor.

7. LOCAL PREFERENCE NOT A FACTOR

Local Preference shall not be a factor in the award of this bid. The inclusion of Local Preference could make the County ineligible for potential reimbursements from agencies such as FHWA, and/or FEMA in the event of emergency or natural disaster. For this reason item 53 of our Terms and Conditions has been struck-through, and Local Preference shall not apply to this bid.

ASPHALTIC CONCRETE
BID # B-4-18-50
SPECIFICATIONS

1. The material and services to be provided and performed by the awarded vendor are anticipated to be, but not limited to, those services set forth in the specifications. If the contractor fails to properly perform the conditions of the contract, in the sole opinion of the County, the County will communicate to the contractor, in writing, the problem (s) that exist. If the problem(s) persist or reoccur, the County reserves the right to cancel the contract by advising the contractor in writing as per General Conditions #42.

2. All material supplied under this contract must meet the requirements of sections 300, 320, 334, 336, and 337 of the Florida D.O.T. Standard Specifications for Road and Bridge Construction, 2014 edition.

3. All materials supplied under this contract for road paving, resurfacing, patching, and cold patch (one ton minimum) must be available with 72 hours of notification by the agency, and within five business days notice by the agency for any night time work.

4. The contractor must provide a minimum of 48-hour notice prior to leaving job site if scheduled work is not complete.

5. Bidders shall include in their bids the cost for all equipment, materials, and labor to power sweep and apply a tack coat prior to resurfacing and/or patching roads where applicable. No asphalt or patch shall be installed in standing water, or during raining conditions. Asphalt that is installed in such conditions will be removed by the contractor at the contractor's expense.

6. Contractor will be responsible for cleaning of driveways (tack, dirt and debris from brooming.)

7. Contractor shall be responsible for rideability (must bring any problems of existing conditions to County's attention prior to paving.) Corrections on "New Pavement" (reconstructed or new rock base or soil cement) shall be in accordance with FDOT Standards 2014. Roadways subject to straight edge requirements.

8. Contractor to place all asphalt mixtures by the stringline method, per FDOT 330-6.1.1. Contractor is to provide a uniform center line and edge line +/- 1.5 inches. Any corrections for variations will be absorbed at the expense of the contractor.

9. The contractor shall provide temporary striping in accordance with section 102-1 and 102-2 of the Florida D.O.T. Standard Specification for Road and Bridge construction, 2014 edition. When the County's Striping Contractor is not available, the Asphalt Contractor must provide temporary striping.

10. When required, The contractor shall provide all equipment, labor and materials for Maintenance of Traffic in accordance with Florida D.O.T. Design Standards for Design. Construction, Maintenance and Utility Operations on the State Highway System, Standard Specifications for Road and Bridge Construction, as well as the Manual on Uniform Traffic Control Devices (MUTCD) latest editions.

11. The contractor shall conform to the requirements of Section 330, "Hot Mix Asphalt - General Construction Requirements" of Florida D.O.T. Standard Specifications for Road and Bridge Construction 2014 Edition.

12. The contractor shall conform to the requirements of section 327 "Milling of Existing Asphalt Pavement" The Milled surface must be of uniform grade, and be consistent with the profile which existed prior to milling, and be clean and free of loose materials prior to the placement of hot mix.

13. The County will make award in accordance with General Conditions # 22 on the following:

    - Vendor Delivered and Vendor Placed price for SP9.5, SP12.5, FC9.5, FC12.5, and pick-up price for FOB 9.5 asphalt.
    - The Vendor Delivered and Vendor Placed price per ton must include all associated costs. Additional hauling costs will not be allowed.

14. Plant locations must be identified with bid.

15. Bids will be acceptable only from companies supplying from plant sites having been in operation for the last three (3) month period, with a capacity for supply of 400 tons or more during an eight (8) hour workday.

16. Projects still in progress under the County's current agreement will be completed by the contractor under the current agreement. The contractor awarded this bid will be responsible for completion of any projects already in progress when the term of this bid expires.

17. An electronic weight ticket with Brevard County contract number, product mix design number, and plant location clearly marked must accompany all deliveries. Payment may be withheld where no delivery ticket is received with shipment, or if the ticket has incomplete information.

18. Subsequent to award and prior to commencement of contract, successful bidder(s) will be required to furnish proof of minimal insurance coverage per the attached requirements.

19. All references to specifications refer to the Florida Department of Transportation Standard Specifications for Road & Bridge Construction, 2014 edition.

20. Any "pushing" or "slipping" of the asphalt within a 12 month period after placement will be repaired at the contractor's expense.

21. At the start of all paving operations, the edge of the previous pavement shall be saw cut to provide a uniform edge to begin the construction of the paving process. When paving starts in a section where there is no edge, a section of the existing paving shall be milled to a depth of at least 1" and 12' along surface, the width of the section to be paved.

22. Testing maybe required using the following guidelines. Extraction and Gradation samples will be taken from the plant and random field samples for each daily production run per FDOT or County requirements (samples from the field shall be taken directly in front of the power screw feed). All deficiencies will be corrected per FDOT Standards & Specifications for Road & Bridge (2014 version). Cores may also be required to verify thickness.

23. LIQUIDATED DAMAGES

    If the Contractor does not arrive on site as scheduled, the County will provide the Contractor with 24-hours notice that work will be acquired elsewhere. In the event that the County acquires work elsewhere due to contractor non-performance, liquidated damages will be accessed at the actual cost difference the County incurs from the alternate supplier.

    Liquidated damages may be collected by the County by deducting damages from any outstanding invoices.

24. DEFECTIVE MATERIALS

If the contractor provides the County with any defective materials, it shall be the contractors responsibility to remove the defective materials and replace them with correct materials at their own expense. The County will not remit payment for the original materials ordered until this correction is complete.

25. ESTIMATED QUANTITIES/USAGES

Below is a listing of estimated quantities/usages as referenced in Item 1 of the Special Conditions. Please be aware that these are estimates only, and are provided to assist you in preparing your bids. The quantities below in no way guarantee any minimum or maximum amount of product or work to be purchased.

Brevard County Board of County Commissioners: Superpave 9.5 58,000; Superpave 12.5 – 14,000; FC 12.5 30,000.

The Contractor shall be responsible for preventing all asphalt paving debris from entering the storm drainage system of Brevard County. The Contractor shall use best management practices to establish inlet protection and the prevention of all unsuitable materials from entering into the storm system.

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS
INDEMNIFICATION AND INSURANCE REQUIREMENTS
ASPHALTIC CONCRETE
BID # B-4-18-50

INDEMNIFICATION

The County shall be held harmless against any and all claims for bodily injury, sickness, disease, death, personal injury, damage to property or loss of use of any property or assets resulting therefrom, arising out of or resulting from the performance of the products or from the services for which the County is contracting hereunder, provided such is caused in whole or in part by any negligent act or omission of the vendor, or any subcontractor or any of their agents or employees, or arises from a job-related injury.

The vendor agrees to indemnify the County and pay the cost of the County's legal defenses, including fees of attorneys as may be selected by the County, for all claims described in the hold harmless clause herein. Such payment on behalf of the County shall be in addition to any and all other legal remedies available to the County and shall not be considered to be the County's exclusive remedy.

It is agreed by the parties hereto that the Vendor has received specific consideration under this agreement for this hold harmless/indemnification provision.

INSURANCE REQUIREMENTS

The vendor providing services under this agreement will be required to procure and maintain, at their own expense and without cost to the County, until final acceptance by the County of all products or services covered by the purchase order or contract, the following types of insurance. The policy limits required are to be considered minimum amounts:

General Liability Insurance policy with a $1,000,000 combined single limit for each occurrence to include the following coverage: Operations, Products and Completed Operations, Personal Injury, Contractual Liability covering this contract, "X-C-U" hazards, and Errors & Omissions.

Auto Liability Insurance, which includes coverage for all owned, non-owned and rented vehicles with a $1,000,000 combined single limit for each occurrence.

Workers' Compensation and Employers Liability Insurance covering all employees of the vendor and subcontractors, as required by law.

In the event that the contract involves professional or consulting services, in addition to the aforementioned insurance requirements, the vendor shall also be protected by a Professional Liability Insurance Policy in the amount of $1,000,000 per claim.

In the event the contract involves services related to construction projects, the vendor shall also procure and maintain a Builders Risk Insurance Policy or Installation Floater with loss limits equal to the value of the construction project.

In addition to the above, Specialty Insurance policies covering specific risks of loss (including but not limited to, for example; Longshore coverage, Crane and Rigging, Inland Marine, etc.) may be required by Brevard County Insurance and Risk Management. Any additional specialty insurance coverage requirement will be dictated by the specific goods, products or services provided under the subject contract and insurance underwriting standards, practices, procedures or products available in the commercial insurance market at the time of the contract inception. The Vendor is required to procure and maintain all such specialty coverage in accordance with prudent business practices within the Vendors industry.

The awarded vendor shall have five (5) days to provide certificates of insurance to the County demonstrating that the aforementioned insurance requirements have been met prior to the commencement of work under this contract. The certificates of insurance shall indicate that the policies have been endorsed to cover the County as an additional insured (a waiver of subrogation in lieu of additional insured status on the workers compensation policy is acceptable) and that these policies may not be canceled or modified without thirty (30) days prior written notice to the County.

The insurance coverage enumerated above constitutes the minimum requirements and shall in no way lessen or limit the liability of the vendor under the terms of the contract. Sub-Contractor's insurance shall be the responsibility of the vendor.

ASPHALTIC CONCRETE
BID # B-4-18-50
CONFIRMATION OF DRUG-FREE WORKPLACE FORM

In accordance with Section 287.087, Florida Statutes, "[w]henever two or more bids are equal with respect to price, quality, and service which are received by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section."

As the person authorized to sign the statement, I certify that this firm complies with the above requirements and the Florida Statutes Section 287.087. This form is in conjunction with Brevard County's General Conditions, Item 27, Drug-Free Workplace.

Preferred Materials, Inc.	B-4-18-50 - Asphaltic Concrete
Business Name	Bid Number and Name
	6-12-18
Authorized Representative's Signature	Date
Michael Iapaluccio	Authorized Employee
Name	Position

ASPHALTIC CONCRETE
BID #B-4-18-50
CONDITIONS FOR EMERGENCY/HURRICANE OR DISASTER

It is hereby made a part of this Invitation to Quote that before, during and after a public emergency, disaster, hurricane, flood, or acts of God that Brevard County shall require a "first priority" basis for goods and services. It is vital and imperative that the majority of citizens are protected from any emergency situation which may threaten public health and safety, as determined by the Board of County Commissioners. Vendor/contractor agrees to rent/sell/lease all goods and services to Brevard County as opposed to a private citizen, on a first priority basis. Brevard County expects to pay a fair and reasonable price not to exceed those quoted in this quote for all products in the event of a disaster, emergency or hurricane. Vendor/contractor shall furnish a 24 hour phone number in the event of such an emergency.

I hereby understand and agree to the above statement:

x _____
(authorized signature)

Michael Iapaluccio
(printed name)

Authorized Employee
(title)

Emergency/24 hour Phone Number(s) (863) 698-9523

Office Phone Number (407) 343-7445 Home Phone Number N/A

Pager Number N/A Cellular Phone Number (863) 698-9523

Nearest Branch Office Phone Number (407) 343-7445

and location 1806 33rd Street, Suite 150, Orlando, FL 32839

Fax Number (407) 839-1457 Date 6-12-18

ASPHALTIC CONCRETE
BID # B-4-18-50
STATEMENT OF NO BID

NOTE: If you do not intend to bid on this requirement, please return this form to:

Brevard County Purchasing Services
2725 Judge Fran Jamieson Way, Bldg C, Suite 303
Viera, FL 32940

We the undersigned have declined to bid on your Bid No. B-4-18-50 for the following reason(s):

____ Specifications too "restrictive," i.e., geared toward one brand or manufacturer only (*please specify below*)

____ Insufficient time to respond to the Invitation to Bid

____ We do not offer this commodity/service or equivalent

____ Our product schedule would not permit us to perform

____ Specifications unclear (*please specify below*)

____ Unable to meet bond or insurance requirements

____ Remove our company from vendor database for this commodity/service

____ Other (*please specify below*)

Remarks: _____

_____

_____

_____

PLEASE PRINT

COMPANY NAME_____

COMPANY ADDRESS_____

TELEPHONE NUMBER_____

PRINTED SIGNATURE_____

AUTHORIZED SIGNATURE_____

NOTE: Failure to submit either a Bid or a Statement of No Bid may be cause for removal from the Brevard County Purchasing Services vendor database.

SUBMIT SEALED BID TO:
BREVARD COUNTY PURCHASING SERVICES
2725 JUDGE FRAN JAMIESON WAY
BLDG. C, 3rd FLOOR, SUITE C-303
VIERA, FL 32940

Brevard COUNTY Purchasing Services

INVITATION TO BID

Bid Acknowledgment

PROCUREMENT ANALYST: (321) 617-7390
Jon McLester Ext. 5-6049
jonathan.mclester@brevardfl.gov

AN EQUAL OPPORTUNITY EMPLOYER

FLORIDA TAX EXEMPT #85-8012621749C-1
FEDERAL TAX EXEMPT #59-6000523

BID SPECIFICATIONS MAY BE OBTAINED AT: Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or on our Brevard County Purchasing Services website, or at the Onvia DemandStar® website.

MAILING DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE AND TIME:
May 17, 2018	Asphaltic Concrete	B-4-18-50	June 12, 2018 at 2:00 p.m.

PRE-BID DATE, TIME, AND LOCATION:
A pre-bid meeting will be held on June 5 , 2018 at 9:00 a.m. in the Purchasing Conference Room located at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Viera, FL 32940

☐ **Mandatory**
☒ **Non-Mandatory**

BIDS RECEIVED AFTER ABOVE DATE AND TIME WILL NOT BE ACCEPTED

▼VENDOR MUST COMPLETE THIS AREA AND RETURN FORM▼

LEGAL NAME OF BIDDER AND BUSINESS ADDRESS:
V.A. Paving, Inc.
2955 Lake Drive
Cocoa, FL 32926

TELEPHONE NUMBER/TOLL-FREE NUMBER:
(321) 636-2565

FEDERAL ID NO. (FEIN) OR SOCIAL SECURITY NO. (SSN):
59-2147362

If returning as a "no bid," state reason:

I certify that this bid is made without prior understanding, agreement, or connections with any corporation, firm or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the County of Brevard, the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign, or transfer to the County of Brevard all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the County of Brevard. At the County's discretion, such assignment shall be made and become effective at the time the County tenders final payment to the bidder.

The bidder acknowledges that information provided in this ITB is true and correct.

X Debra Mallard
AUTHORIZED SIGNATURE (*MANUAL*)

Debra Mallard
NAME (*PRINTED*)

President — TITLE
06/12/2018 — DATE

THIS FORM MUST BE NOTARIZED AND RETURNED WITH YOUR BID

Sworn to and subscribed before me this 12 day of June 20 18

Personally known: ☒

Or produced identification: ☐ Type of ID: _____

Joni E H Bohne — FL
SIGNATURE OF NOTARY PUBLIC — STATE

Joni E H Bohne
NAME OF NOTARY PUBLIC (*PRINTED*)

My commission expires: 7/24/21

(AFFIX SEAL or STAMP)

JONI E. H. BOHNE
Commission # GG 086862
Expires July 24, 2021
Bonded Thru Troy Fain Insurance 800-385-7019

BOND DATA

VENDOR MUST PROVIDE:			AMOUNT:
Yes ☐	No ☒	BID BOND	
Yes ☒	No ☐	PERFORMANCE BOND	100% on projects over $100,000
Yes ☐	No ☒	LABOR, MATERIAL, PERFORMANCE BOND	

In cases where the amount of a surety bond exceeds $500,000, the surety company must have an A.M. Best's rating as specified in this document, and depending on the amount of the bond, shall have a minimum A.M. Best's financial size category (FSC) ranking as follows:

BOND AMOUNT UP TO:	FINANCIAL CLASS	BOND AMOUNT UP TO:	FINANCIAL CLASS
$ 1,000,000	I	$ 25,000,000	V
$ 2,000,000	II	$ 50,000,000	VI
$ 5,000,000	III	$ 100,000,000	VII
$ 10,000,000	IV		

Bonds must be issued by a surety company who complies with the requirements of § 287.0935, Fla. Stat.

PAYMENT OF GOODS OR SERVICES PROVIDED AS A RESULT OF THIS SOLICITATION WILL BE MADE PER FLORIDA STATUTE.
ALL FIRST TIME VENDORS MUST SUBMIT A W-9 FORM.

GENERAL CONDITIONS, TERMS, AND PROVISIONS

1. **DEFINITIONS:**

   a. COUNTY - The term "COUNTY" herein refers to the County of Brevard, Florida, and its duly authorized representatives.

   b. BIDDER - The term "BIDDER" used herein refers to the dealer/ manufacturer/business organization submitting a bid to the County in response to this invitation.

   c. VENDOR - The term "VENDOR" used herein refers to any dealer/manufacturer/business organization that will be awarded a contract pursuant to the terms, conditions and quotations of the bid.

   d. USING AGENCY - The term "USING AGENCY" used herein refers to any department, division, agency, commission, board, committee, authority or other unit in the County Government using supplies or procuring contractual services as provided for in the Purchasing Ordinance of the County of Brevard.

   e. HEAVY DUTY - The item(s) to which the term "HEAVY DUTY" is applied shall exceed the usual quality and/or capacity supplied with standard production equipment and shall be able to withstand unusual strain, exposure, temperature, wear and use.

   f. QUALIFIED BIDDER - The best bidder who has the capability in all respects to fully perform the bid requirements, and has the financial stability, honesty, integrity, skill, business judgment, experience, facilities, and reliability necessary to assure good faith performance of the contract, as determined by reference to the Contractor's Qualification Statement, evaluations by County staff of the bidder or its subcontractors' past performance for the Board, an any other information required by Board policies.

   g. RESPONSIVE BIDDER - A bidder who has submitted a bid, which conforms in all respects to the requirements of the bid package, including, but not limited to, submission of the bid on required forms with all required information, signatures, and notarizations at the place and time specified.

   h. DUE CAUSE – An applicable reason affecting and concerning the ability and fitness of the contractor(s) to perform to the specifications and requirements of the contract.

2. **SUBMISSION OF BIDS:** All bids shall be submitted in a sealed envelope. The bid number, title, and opening date shall be clearly displayed on the outside of the sealed envelope. The delivery of said bid to Purchasing Services prior to the specified opening date and time is solely and strictly the responsibility of the bidder. Any bids received in Purchasing after the specified date and time will not be accepted.

3. **EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the space(s) provided. Bids must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to any bid entry must be initialed. The company name and Federal Employer Identification Number (FEID) number shall appear in the space(s) provided.

4. **BID OPENING:** Bid opening shall be public on the date and time specified. Sealed bids received by an agency pursuant to invitations to bid are exempt from the provisions of subsection (1) and s. 24(a), Art. I of the State Constitution until such time as the agency provides notice of a decision or intended decision pursuant to s. 120.57(3)(a) or within 30 days after bid or proposal opening, whichever is earlier. In accordance with Florida Statute 119.071(1)(b)2, the names of the firms submitting a competitive solicitation will be read aloud at this time of the opening. No details of the competitive solicitation will be released. Bid must be submitted on forms provided by the County. No other forms will be accepted. Fax, telephone, emailed, or verbal Bids are not acceptable and will not be considered. No bid may be modified after opening. No bid may be withdrawn after opening for a period of ninety (90) days unless otherwise specified.

5. **BID TABULATIONS:** Bid tabulations are posted to the Brevard County Purchasing Services website at http://www.brevardfl.gov/CentralServices/Purchasing and the DemandStar website at: www.demandstar.com.

6. **CLARIFICATION/CORRECTION OF BID ENTRY:** The County reserves the right to allow for the clarification of questionable entries and for the correction of OBVIOUS MISTAKES.

7. **INTERPRETATION:** No interpretation of the meaning of the specifications, or other contract documents will be made orally to any bidder. Every request for such interpretation must be in writing, addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Suite 303 Viera, FL 32940, or emailed to the attention of the applicable Procurement Analyst. To be given consideration, such requests must be received at least five (5) business days prior to the date fixed for the opening of the bid. Any and all such interpretation and supplemental instructions will be in the form of a written addendum. Failure of any bidder to receive any such addendum or interpretation shall not relieve said bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents, whether or not the successful bidder received a copy of such addendum, it being understood that all bidders are responsible to verify that they have received any such addenda prior to submitting their bid.

8. **EEO STATEMENT:** Vendors must ensure that employees and applicants for employment are not discriminated against for reasons of race, color, age, religion, sex, national origin, or handicapped status. Minority and female-owned businesses are encouraged to participate. Brevard County is an equal opportunity employer.

9. **PRICING:** Firm prices shall be proposed and include FOB DESTINATION, all packing, handling, shipping charges, fuel surcharges and delivery, unless otherwise indicated, to any point within the County to a secure area or inside delivery. All prices, costs, and conditions shall remain firm and valid for 90 days from the date of opening. The obligations of Brevard County under this award are subject to the availability of funds lawfully appropriated for its purpose by the State of Florida and/or the Brevard County Board of County Commissioners.

10. **ADDITIONAL TERMS & CONDITIONS:** The County of Brevard reserves the right to reject bids containing any additional terms or conditions not specifically requested in the original conditions and specifications.

11. **TAXES:** The County of Brevard is exempt from Federal excise taxes and all sales taxes.

12. **DISCOUNTS:** All discounts, EXCEPT THOSE FOR PROMPT PAYMENT, shall be considered in determining the lowest net cost for bid evaluation purposes.

13. **MEETS SPECIFICATIONS:** All equipment and accessories furnished under these specifications shall be new, the latest model in current production, and shall be of good quality, workmanship, and material. The bidder represents that all equipment offered under these specifications shall meet or exceed the minimum requirements specified. Delivery specifications shall be strictly adhered to. The bidder shall be responsible for performing the work necessary to meet County standards in a safe, neat, good, and workmanlike manner.

14. **BRAND NAME OR EQUAL:** If items called for by this invitation have been identified in the specifications by a "Brand Name or Equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be acceptable. Bids offering "equal" products will be considered for award

if such products are clearly identified in the bid and are determined by the County to meet fully the salient characteristics requirements listed in the specifications. Unless the bidder clearly indicates in his bid that he is offering an "equal" product, the bid shall be considered as offering the same brand name product referenced in the specifications. If the bidder proposes to furnish an "equal" product, the brand name if any, or the product to be furnished shall be inserted in the space provided or such product shall be otherwise clearly identified. The evaluation of bids and the determination as to equality of the product offered shall be the responsibility of the County and will be based on information furnished by the bidder. Purchasing Services is not responsible for locating or securing any information, which is not identified in the bid and reasonably available to Purchasing Services. To ensure that sufficient information is available the bidder shall furnish as a part of the bid, or prior to bid opening, as indicated, all descriptive material necessary for Purchasing Services to determine whether the product offered meets the salient characteristics required by the specifications and establish exactly what the bidder proposes to furnish and what the County would be binding itself to purchase by making an award.

15. **SILENCE OF SPECIFICATIONS:** The apparent silence of the specifications and any supplemental specifications as to any details or the omission from same of any detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail and only materials of first quality be provided. All interpretations of this specification shall be made upon the basis of this statement.

16. **ASSIGNMENT:** Any purchase order (PO) issued pursuant to this bid and the moneys, which may become due hereunder is not assignable except with the prior written approval of the Purchasing Manager.

17. **INDEMNIFICATION:** The successful bidder agrees to indemnify and hold harmless the County and their employees from all claims, losses and expenses, including attorneys' fees, arising out of or resulting from the performance, failure in the performance of, or defect in, the products or services to be contracted, provided such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, death, or personal injury, or to property damage, including loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the vendor, any subcontractor or any of their employees, or arises from a job-related injury. The successful bidder acknowledges adequate consideration for this indemnification provision.

18. **PATENTS AND ROYALTIES:** The bidder, without exception shall indemnify and save harmless the County of Brevard and its employees from liability of any nature of kind including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County of Brevard. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any involved in the work.

19. **TRAINING:** If specified, supplier(s) may be required at the convenience of the County, to provide employees training in the operation and maintenance of any items(s) purchased from this bid.

20. **ACCEPTANCE:** Items may be tested for compliance with specification. Items delivered not conforming to specifications may be rejected and returned at vendor's expense. Those items not delivered as per delivery date in bid and/or purchase order may be purchased on the open market. Any increase in cost may be charged against the vendor. Any violations of these stipulations may also result in the vendor name being removed from the bid list and the vendor disqualified from doing business with the County.

21. **SAFETY WARRANTY:** The selling dealer, distributor, supplier, and manufacturer shall be responsible for having compiled with all Federal, State and local standards, regulations, and laws concerning the equipment specified and the use thereof, applicable and effective on the date of manufacture including safety and environmental standards as apply to both private industry and governmental agencies.

22. **WARRANTY:** The bidder agrees that, unless otherwise specified, the supplies and/or services furnished under this bid shall be covered by the most favorable commercial warranty the bidder gives to any customer for comparable quantities of such supplies and/or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the County by any other provision of this bid.

23. **AWARDS:** As the best interest of the County may require, the right is reserved to make award(s) by individual items, group of items, all or none, or a combination thereof; on a geographical basis and/or on a countywide basis with one or more suppliers; to reject any and all bids or waive any minor irregularly or technicality in bids received. Bidders are cautioned to make no assumptions unless their bid has been evaluated as being responsive and qualified. All awards made as a result of this bid shall conform to applicable ordinances of the County. The Board may return, for full credit, any unused items received which fail to meet the Board's performance standards. Brevard County reserves the right to cancel an awarded bid upon due cause—i.e., vendor misrepresentation, vendor negligence, non-performance, etc. via written notice.

24. **Unless otherwise noted in the bid document, vendors shall submit *one bid only*.**

25. **CONFLICT OF INTEREST:** The award hereunder is subject to provisions of State of Florida Statutes and Brevard County Ordinances. All Bidders must disclose with their bid the name of any officer, director, or agent who is also an employee of Brevard County. Further, all bidders must disclose the name of any County employee who owns, directly or indirectly, any interest in the proposer's firm or any of its branches.

26. **PURCHASING AGREEMENTS WITH OTHER GOVERNMENTAL ENTITIES:** Brevard County permits the awarded vendor(s) to extend the pricing, terms and conditions of this solicitation to other governmental entities at the vendor's discretion. Each governmental entity that utilizes this solicitation or resulting contract will be responsible for execution of its own requirements with the awarded vendor(s).

27. **DRUG-FREE WORKPLACE:** Whenever two or more bids, which are equal with respect to price, quality, and service, are received by Brevard County for the procurement of commodities or contractual services, a bid received from a business that has implemented a drug-free workplace program per 287.087, Fla. Stat. shall be given preference in the award process.

28. **LOBBYING STATEMENT:** All firms are hereby placed on notice the County Commission and staff shall not be contacted about this Bid. Firms and their agents are hereby placed on notice that they are not to contact members of the County Commission or staff (with the exception of designated liaison). Public meetings and public deliberations of the Selection Committee are the only acceptable forum for the discussion of merits of products/services requested by the Invitation to Bid; and written correspondence concerning Bids may be submitted to the County Manager. Each Bid will have one non-voting staff member designated who will serve as the liaison. Failure to adhere to these requirements could result in Board action to disqualify your firm from consideration of award.

29. **PUBLIC ENTITY CRIMES:** All bidders are hereby placed on notice that 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 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 contractor, supplier, subcontractor, 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 287.017 Fla. Stat.

for CATEGORY TWO (currently $35,000) for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

30. **DISCRIMINATORY VENDOR LIST:** An entity or affiliate placed on the Discriminatory Vendor List shall not submit a Bid for a contract to provide goods or services to a public entity, shall not submit a Bid on a contract with a public entity for the construction or repair of a public building or perform any public work, shall not submit Bids for leases of real property to a public entity, shall not award or perform work as a contractor, supplier, subcontractor, or consultant under any contract with any public entity, and shall not transact business with any public entity per 287.134(3)(d), Fla. Stat.

31. **SCRUTINIZED COMPANIES:** Section 287.135, Fla. Stat., prohibits agencies from contracting with companies for foods or services of $1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Both lists are created pursuant to Section 215.473, Fla. Stat.

32. **LICENSES, CERTIFICATIONS, AND PERMITS:** The successful vendor will be required to secure, at its expense and show proof of the proper business tax receipt and/or any other license/certification required of the applicable service/work being performed. Prior to award, the apparent low bidder will be required to provide proof of license and/or certification within two (2) business days of the posted awarded recommendation and submit copies of license/certifications to the Purchasing Office. The Brevard County Contractor Licensing Regulation & Enforcement (LR&E) office is responsible for the county licensing of trades: General Building, drywall, plumbing, electric, HVAC, roofing, etc. If you have questions concerning the licensing requirements for a Brevard County contractor's license, please Contact the Brevard County LR&E office at (321) 633-2058, option 0, for any questions.

    The awarded contractor shall fully comply with all federal and state laws, county and municipal ordinances and regulations in any manner affecting the performance of the work. The successful vendor is responsible for obtaining all permits necessary to construct the project. Brevard County does not exempt itself from permitting requirements. The Owner shall pay all Brevard County permit, inspection and impact fees required for the project or services required under this contract; all other fees for permits required by agencies/municipalities other than Brevard County shall be the responsibility of the awarded Contractor. A copy of issued permit shall be provided to the User Department of the County for their records.

33. **ERRORS:** In the event of extension error(s), the unit price will prevail. In the event of addition error(s), the extended totals will prevail. In either case, the bidder's total offer will be adjusted accordingly.

34. **CANCELLATION AND REINSURANCE:** If any insurance should be canceled or changed by the insurance expiring during the period of this bid award, the vendor shall be responsible for securing other acceptable insurance to provide the coverage specified in the bid to maintain continuous coverage during the life of the award.

35. **INCURRED COST:** Brevard County is not liable for any cost incurred by any vendor prior to an award. Costs for developing a response to this request for bid are entirely the obligation of the bidder and shall not be chargeable in any manner to Brevard County.

36. **MATERIALS/SUPPLIES:** No materials or supplies for the work shall be purchased by the vendor or by any subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller.

37. **SUBCONTRACTORS:** The vendor shall be fully responsible for all acts and omissions of his subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts and omissions of persons directly employed by him.

38. **VERBAL INSTRUCTIONS:** No negotiations, decisions, or actions shall be initiated or executed by the vendor as a result of any discussions with any County employee. Only those communications, which are in writing from an authorized County representative, may be considered. Only written communications from vendors, which are assigned by a person designated as authorized to bind the company, will be recognized by the County as duly authorized expressions on behalf of the company.

39. **LITIGATION VENUE:** All litigation shall take place either in the State Courts of Florida, wherein venue shall lie in Brevard County, Florida, or in the Federal Courts wherein venue shall lie in the Central District in and for the State of Florida. The vendor expressly waives venue in any other location.

40. **ADDITION, DELETION, OR MODIFICATION OF SERVICES:** The County reserves the right at its sole discretion to increase, decrease, or delete any portion of this agreement/contract at any time without cause, and if such right is exercised by the County, the total fee shall be reduced by a prorate basis. If work has already been accomplished on the portion of the contract to be increased, decreased, or deleted, the contractor shall be paid for the correct portion on the basis of the estimated percentage agreed upon by the County, the contractor, and the contract manager upon completion of such portion.

41. **OPERATION DURING DISPUTE:** In the event the County has not canceled the contract in accordance with the terms of the contract, and there remains a dispute between the bidder and the County, the bidder agrees to continue to operate and perform under the terms of the contract while such dispute is pending. Further, the bidder agrees that, in the event a suit is filed for injunction or other relief, it will continue to operate the system until the final adjudication of such suit by the court.

42. **CONTRACT TERMINATION:** The contract resulting from this bid shall commence upon issuance and acceptance of the fully executed contract. The County user agency shall issue orders against the contract on an as needed basis. The contract may be canceled by the vendor, for good cause, upon ninety (90) days prior written notice. The County retains the right to terminate the contract, in part or in its entirety, with or without good cause, upon thirty (30) days prior written notice or as stated herein. In the event of termination by either party as provided herein, the awarded vendor shall be paid for services performed through the date of termination.

43. **SPECIAL ACCOMMODATIONS:** In accordance with the Americans with Disabilities Act (ADA) and Section 286.26, Fla. Stat., persons with disabilities needing special accommodations to participate should contact the ADA Coordinator at (321) 633-2017 or by email at Brian.Breslin@BrevardFL.gov, and must be made no later than 48 hours prior the public meeting/hearing in order to provide the requested service.

44. **BIDDER RESPONSIBILITIES:** Bidders, by submitting a bid, certify that it understands all planning, coordinating, and implementation of the described services shall be done through personal contact between the bidder and the contract manager, and that telephone contact and mail correspondence may, in some cases, not be appropriate. County approved representatives of the bidder shall be available to meet with the contract manager, as may be required, to accomplish the County's objectives as effectively and efficiently as possible, during all phases of this agreement/contract/bid.

45. **SUPERVISION OF CONTRACT PERFORMANCE:** The bidder's performance of the contract will be notified by the contract manager. The bidder shall be notified of lack of performance in writing by the contract manager. If at any time during the term of the contract, performance satisfactory to the contract manager shall not have been made, the bidder, upon written notification by the contract manager, shall within three (3) days increase the force, tools and equipment as needed to properly perform the contract. The failure of the contract manager to file such notification shall not relieve the bidder of the obligation to perform the work at the time and in the manner specified by the contract. If the bidder does not

increase the force or neglects to do the work properly, the contract manager can withhold a percentage of payment or withhold the entire dollar amount due as per the contract.

46. **MISUNDERSTANDING:** To prevent misunderstanding and any litigation, the contract manager shall decide any and all questions, which may arise concerning the quality and acceptability of the work, and services performed, the sufficiency of performance, the interpretation of the provisions of the contract, and the acceptable fulfillment of the contract on the part of the bidder. The Contract Manager will determine whether or not the amount, quantity, character and quality of the work performed are satisfactory, which determination shall be final, conclusive and binding upon both the bidder and the County. The contract manager shall make such explanation as may be necessary to complete, explain, or make definite the provisions of the contract, and his findings and conclusions shall be final and binding upon both parties.

47. **GREEN PROCUREMENT POLICY:** The Board of County Commissioners approved a "green procurement" policy in March 2004 to establish procurement requirements that promote the purchase and use of Environmentally Preferred Products as defined by the United States Environmental Protection Agency. Environmentally Preferred Products (EPP) are those products and services that have a reduced effect on the human health and the environment when compared to other products and services that serve the same purpose. EPP produces encourage (1) waste reduction; (2) reduced exposure to hazardous materials; (3) natural resource conservation; and (4) energy efficiency.

48. **MONITORING OF WORK:** The bidder shall provide the contract manager with every reasonable opportunity to ascertain whether or not the work, as performed, is in accordance with the requirements of the contract. The bidder shall designate, in writing, a person to serve as liaison between the bidder and the County.

49. **PROMPT PAYMENT:** For payment promptness, Brevard County shall remit payment in accordance with the Florida Prompt Payment Act, Section 218.70, Fla. Stat., et seq. Brevard County does not expect to be billed in excess of the ordered quantity and will not pay for any quantity above the ordered quantity. Any order placed as a result of this bid will be subject to Billing Instructions and Conditions on the back of the Brevard County Purchase Order form. Bidders may offer cash discounts for prompt payment but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last. Requests for final payment for any work or services for which a permit is required shall include a copy of all required permits and copies of all required inspection reports. Failure to provide proof of acquisition of all required permits and successful completion of all required inspections shall represent an incomplete invoice and will delay payment.

50. **RIGHT TO AUDIT RECORDS:** In performance of this Agreement, the Contractor shall keep books, records, and accounts of all activities related to the Agreement, in compliance with generally accepted accounting procedures. All documents, papers, books, records and accounts made or received by the contractor in conjunction with the Agreement and the performance of this Agreement shall be open to inspection during regular business hours by an authorized representative of the office and shall be retained by the contractor for a period of three (3) years after termination of this Agreement, unless such records are exempt from section 24(a) of Article I of the State Constitution and section 119.07(1), Fla. Stat.

51. **UNAUTHORIZED ALIEN WORKERS:** Brevard County will not accept bids from vendors who knowingly employ unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S. Code § 1324a(e) (Section 274A(e) of the Immigration and Nationality Act "INA"). The County shall consider a vendor's intentional employment of unauthorized aliens as grounds for immediate termination of any awarded bid.

52. **FLORIDA PUBLIC RECORDS LAW:** Both parties understand that the County is subject to the Florida Public Records Law, Chapter 119, Fla. Stat. and all other applicable Florida Statutes. If the materials provided by the Contractor do not fall under a specific exemption, under Florida or federal law, materials provided by the Contractor to the County would have to be provided to anyone making a public records request. It will be the bidder's duty to identify the information, which it deems is exempt under Florida/federal law, and identify the statute by number, which exempts that information.

    Should any person or entity make a public request of the County—which requires or would require the County to allow inspection or provide copies of records which the Contractor maintains are exempt from Public Records Law or are confidential—it shall be the Contractors obligation to provide the County within 24 hours (not including weekends and legal holidays), of notification by the County to the Contractor of the request, of the specific exemption or confidentiality provision so the County will able to comply with the requirements of 119.07(1)(e) and (f) , Fla. Stat.

    Should the County face any kind of legal action to require or enforce inspection or production of any records provided by the Contractor to the County which the Contractor maintains are exempt or confidential from such inspection/production as a public record, then the Contractor shall hire and compensate attorney(s) who shall represent the interest of the County as well as the Contractor in defending such action. The Contractor shall also pay any costs to defend such action and shall pay any costs and attorney fees, which may be awarded pursuant to 119.12, Fla. Stat.

    All material submitted becomes the property of the County and may be returned only at the County's option. The County has the right to use any or all ideas presented in any reply to this ITB. Selection or rejection of any bid does not affect this right.

53. **COUNTY SEAL:** Use of the County Seal without the express approval of the Board of County Commissioners is a violation of 165.043, Fla. Stat. punishable as a misdemeanor.

54. **TIE BIDS:** Award of all tie quotes/bids shall be made by the Purchasing Manager in accordance with State Statutes, which allows a firm certified as a Drug-Free Workplace to have precedence. When evaluation of vendor responses to solicitations results in identical offers, with regards to bids or quotations, or identical ranking with regards to proposals, from two or more vendors, the County shall determine the order of award using the following criteria in order of preference listed below (from highest priority to lowest priority):

    a. For tie bids, quotations or proposals, priority shall be given to the vendor certifying that he/she is a Drug-Free Workplace as defined within 287.087, Fla. Stat.;

    b. Should a tie still exist, <u>in the case of proposals only</u>, priority shall be given until the tie is broken, to the vendor with the highest total of raw scores for each evaluation criteria, progressing from the highest weighted criteria to the lowest rated criteria. If multiple evaluation criteria have identical weights, the combined total weights of the identically weighted criteria shall be used;

    c. In the event that a tie still exists after progressing through a–c, the decision shall be made by lot or coin toss. The drawing of lots or coin toss shall be conducted in the presence of the effected bidders if they elect to be present.

55. **VENDOR COMPLAINTS AND DISPUTES:** Brevard County encourages prompt and fair handling of all complaints and disputes with the business community. In order to resolve disputed matters in an equitable manner, the following procedures are adopted:

a. POSTING OF AWARD NOTICES

FORMAL SEALED BIDS/QUOTES: No later than three (3) business days after a bid opening the Purchasing Manager, or his/her designee, shall post a tabulation of competitive sealed bids/quotes to the Purchasing Services website and to the DemandStar website. The apparent low bid/quote will be the intended award recommendation. If after posting the tabulation, the apparent low bid/quote is found to be non-responsive to the specifications, the formal award evaluation will be posted. The time for filing a protest will begin the date of the later posting.

FORMAL SEALED PROPOSALS: No later than three (3) business days after the selection committee recommendations are finalized, the Purchasing Manager or his/her designee shall post the selection committee's rankings and recommended award for bids.

b. PROCEEDINGS

Any bidder, quoter, or proposer who is allegedly aggrieved in connection with the solicitation or pending award of a contract must file a formal written protest with the Purchasing Manager within five (5) business days of the posted award recommendation.

The formal written protest shall reference the bid/quote/proposal number, and shall state with particularity the facts and laws upon which the protest is based, including full details of adverse effects and the relief sought.

Within seven (7) calendar days of receipt of the formal written protest, the Purchasing Manager will arrange a meeting of the Protest Committee and the affected parties. The Protest Committee shall consist of two (2) Department Directors or designees, both of whom must be from an organizational group which the user department or group is not assigned; one (1) Assistant County Manager, who must be from an organizational group which the user department or group is not assigned under. The Purchasing Manager shall act as a non-voting Hearing Coordinator and the County Attorney or designee may be requested to attend as a non-voting member. The Purchasing Manager or designee record the meeting and provide any information as the committee may request. The purpose of the meeting of the Protest Committee is to provide an opportunity to: (1) review the basis of the protest, (2) evaluate the facts and merits of the bid protest, and (3) if possible, to reach a resolution of the protest that is acceptable to the affected parties. For the purpose of the Protest Committee hearing, resolution shall mean that the Protestor finds the decision of the Protest Committee acceptable.

In the event the matter is not resolved with the Protestor's acceptance of the Protest Committee's decision, the Purchasing Manager will schedule the recommended award including the details of the protest and the Protest Committee's recommendation before the Board of County Commissioners via Board Agenda. The County Manager, prior to approval and placement on the Board agenda, may elect to resolve the matter before presentation to the Board. In the event that the County Manager cannot bring the matter to resolution, a copy of the Agenda Report shall be furnished immediately to all affected parties. The affected parties may appear before the Board of County Commissioners as a final means of administrative remedy.

c. STAY OF PROCUREMENTS DURING PROTESTS

Failure to observe any or all of the above procedures shall constitute a waiver the right to protest a contract award. In the event of a timely protest under the procedure, the County shall not proceed further with solicitation or with the award until a recommendation is made by the Committee, or a written determination is made by the County Manager that the award must be made immediately in order to protect the public interest. Invoice disputes between an awarded vendor and user agency will follow the guidelines set forth in AO-33, *Prompt Payment of Invoices*.

ASPHALTIC CONCRETE
BID # B-4-18-50
BIDDER'S CHECKLIST

The items indicated are required for submission with your bid. Failure to submit any items indicated as required may result in rejection of the bid. Offers to provide required items after the date and time designated for the receipt of bid will <u>not</u> be considered.

- ☑ Signed/Notarized Bid Invitation
- ☑ Completed and Signed Price Sheet, Specifications and Insurance Indemnification Acknowledgement (hard copy)
- ☑ One electronic copy of Bid submitted on CD/DVD or Flash Drive
- ☑ References
- ☑ Proposed Plant Locations
- ☑ Conditions for Emergency/Hurricane or Disaster Form
- ☑ W-9 Form – Latest Edition

In order for this bid to be valid, the above forms and information shall be completed in their entirety, signed by an authorized representative of the responding vendor, and returned as part of the bid response.

1. PURPOSE

Brevard County Purchasing on behalf of the Brevard County Public Works department is soliciting annual bids for the purchase of asphaltic concrete on a continuing basis to be purchased on an as needed basis.

Estimated annual quantities are provided for Brevard County. The quantities provided are estimates only, and do not constitute a minimum or maximum volume of work to be accomplished under this agreement.

2. AGREEMENT PERIOD

The resulting agreement shall be in effect for one (1) year from the date of award. Agreement shall have the option to renew for up to two (2) additional, one (1) year periods.

3. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this bid, contact Jon McLester, Purchasing Services at 321-617-7390 or by email at jonathan.mclester@brevardfl.gov. Such contact shall be for clarification purposes only. Material changes, if any, to the specifications will be transmitted by written addendum through Purchasing Services and posted to the County website at http://www.brevardfl.gov/CentralServices/Purchasing/BiddingOpportunities. The County will not notify bidders of addenda. It is the sole responsibility of the bidder to check the website prior to submitting a bid to verify receipt of all documents to include written addendum.

Bidders shall promptly notify Purchasing Services, prior to submission of their bid, of any ambiguity, inconsistency or error, which they may discover upon examination of the bid documents. No interpretation of the meaning of specifications or other documents will be made to any bidder orally, nor may bidder rely on any such pre-bid statements in completing the bid. Every request for such interpretation must be in writing addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or emailed to the attention of Jon McLester at jonathan.mclester@brevardfl.gov. To be given consideration, such requests must be received in writing no later than five (5) business days prior to the date for opening of the bids.

4. RECEIVING OF BIDS

Bids must be received by Brevard County Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite C303, Viera, FL 32940 **no later than June 12, 2018 at 2:00 p.m.**. Bids must be submitted on County format to be considered. **The official time clock will be the date and time stamp clock located in the Purchasing Office**.

Bids shall be submitted in one (1) original and one (1) copy with the "Original" clearly marked. Paper documents must be provided, but should be accompanied by one (1) equivalent electronic PDF file on compact disc (CD) of USB flash drive.

Note* Please ensure that if you use a third party carrier (DHL Express, FedEx, UPS, USPS, etc.) that they are properly instructed to deliver your bid only to Purchasing Services on the third *(3rd) floor* at the above address. **Vendors are advised that U.S. Postal Service 1st Class and Express mail is delivered to a P.O. Box and is not delivered to the Purchasing Services Office. Delivery via the USPS is at the Vendor's risk.** To be considered, **a bid must be accepted in Purchasing Services no later than the ITB closing date and time**. If the bid is delivered anywhere else, it may not reach Purchasing Services in time.

5. PRE-BID/WALK THROUGH

A pre-bid meeting shall be held on June 5, 2018 at 9:00 a.m., located in Purchasing Services Conference Room, 2725 Judge, Viera, FL 32940.

☐ **Mandatory** ☒ **Non-Mandatory**

6. AWARD

Award will be made by line item based on cost. Each line item will be awarded a primary and a secondary vendor.

7. LOCAL PREFERENCE NOT A FACTOR

Local Preference shall not be a factor in the award of this bid. The inclusion of Local Preference could make the County ineligible for potential reimbursements from agencies such as FHWA, and/or FEMA in the event of emergency or natural disaster. For this reason item 53 of our Terms and Conditions has been struck-through, and Local Preference shall not apply to this bid.

ASPHALTIC CONCRETE
BID # B-4-18-50
SPECIFICATIONS

1. The material and services to be provided and performed by the awarded vendor are anticipated to be, but not limited to, those services set forth in the specifications. If the contractor fails to properly perform the conditions of the contract, in the sole opinion of the County, the County will communicate to the contractor, in writing, the problem (s) that exist. If the problem(s) persist or reoccur, the County reserves the right to cancel the contract by advising the contractor in writing as per General Conditions #42.

2. All material supplied under this contract must meet the requirements of sections 300, 320, 334, 336, and 337 of the Florida D.O.T. Standard Specifications for Road and Bridge Construction, 2014 edition.

3. All materials supplied under this contract for road paving, resurfacing, patching, and cold patch (one ton minimum) must be available with 72 hours of notification by the agency, and within five business days notice by the agency for any night time work.

4. The contractor must provide a minimum of 48-hour notice prior to leaving job site if scheduled work is not complete.

5. Bidders shall include in their bids the cost for all equipment, materials, and labor to power sweep and apply a tack coat prior to resurfacing and/or patching roads where applicable. No asphalt or patch shall be installed in standing water, or during raining conditions. Asphalt that is installed in such conditions will be removed by the contractor at the contractor's expense.

6. Contractor will be responsible for cleaning of driveways (tack, dirt and debris from brooming.)

7. Contractor shall be responsible for rideability (must bring any problems of existing conditions to County's attention prior to paving.) Corrections on "New Pavement" (reconstructed or new rock base or soil cement) shall be in accordance with FDOT Standards 2014. Roadways subject to straight edge requirements.

8. Contractor to place all asphalt mixtures by the stringline method, per FDOT 330-6.1.1. Contractor is to provide a uniform center line and edge line +/- 1.5 inches. Any corrections for variations will be absorbed at the expense of the contractor.

9. The contractor shall provide temporary striping in accordance with section 102-1 and 102-2 of the Florida D.O.T. Standard Specification for Road and Bridge construction, 2014 edition. When the County's Striping Contractor is not available, the Asphalt Contractor must provide temporary striping.

10. When required, The contractor shall provide all equipment, labor and materials for Maintenance of Traffic in accordance with Florida D.O.T. Design Standards for Design. Construction, Maintenance and Utility Operations on the State Highway System, Standard Specifications for Road and Bridge Construction, as well as the Manual on Uniform Traffic Control Devices (MUTCD) latest editions.

11. The contractor shall conform to the requirements of Section 330, "Hot Mix Asphalt - General Construction Requirements" of Florida D.O.T. Standard Specifications for Road and Bridge Construction 2014 Edition.

12. The contractor shall conform to the requirements of section 327 "Milling of Existing Asphalt Pavement" The Milled surface must be of uniform grade, and be consistent with the profile which existed prior to milling, and be clean and free of loose materials prior to the placement of hot mix.

13. The County will make award in accordance with General Conditions # 22 on the following:

    - Vendor Delivered and Vendor Placed price for SP9.5, SP12.5, FC9.5, FC12.5, and pick-up price for FOB 9.5 asphalt.
    - The Vendor Delivered and Vendor Placed price per ton must include all associated costs. Additional hauling costs will not be allowed.

14. Plant locations must be identified with bid.

15. Bids will be acceptable only from companies supplying from plant sites having been in operation for the last three (3) month period, with a capacity for supply of 400 tons or more during an eight (8) hour workday.

16. Projects still in progress under the County's current agreement will be completed by the contractor under the current agreement. The contractor awarded this bid will be responsible for completion of any projects already in progress when the term of this bid expires.

17. An electronic weight ticket with Brevard County contract number, product mix design number, and plant location clearly marked must accompany all deliveries. Payment may be withheld where no delivery ticket is received with shipment, or if the ticket has incomplete information.

18. Subsequent to award and prior to commencement of contract, successful bidder(s) will be required to furnish proof of minimal insurance coverage per the attached requirements.

19. All references to specifications refer to the Florida Department of Transportation Standard Specifications for Road & Bridge Construction, 2014 edition.

20. Any "pushing" or "slipping" of the asphalt within a 12 month period after placement will be repaired at the contractor's expense.

21. At the start of all paving operations, the edge of the previous pavement shall be saw cut to provide a uniform edge to begin the construction of the paving process. When paving starts in a section where there is no edge, a section of the existing paving shall be milled to a depth of at least 1" and 12' along surface, the width of the section to be paved.

22. Testing maybe required using the following guidelines. Extraction and Gradation samples will be taken from the plant and random field samples for each daily production run per FDOT or County requirements (samples from the field shall be taken directly in front of the power screw feed). All deficiencies will be corrected per FDOT Standards & Specifications for Road & Bridge (2014 version). Cores may also be required to verify thickness.

23. <u>LIQUIDATED DAMAGES</u>
    If the Contractor does not arrive on site as scheduled, the County will provide the Contractor with 24-hours notice that work will be acquired elsewhere. In the event that the County acquires work elsewhere due to contractor non-performance, liquidated damages will be accessed at the actual cost difference the County incurs from the alternate supplier.

    Liquidated damages may be collected by the County by deducting damages from any outstanding invoices.

24. DEFECTIVE MATERIALS

If the contractor provides the County with any defective materials, it shall be the contractors responsibility to remove the defective materials and replace them with correct materials at their own expense. The County will not remit payment for the original materials ordered until this correction is complete.

25. ESTIMATED QUANTITIES/USAGES

Below is a listing of estimated quantities/usages as referenced in Item 1 of the Special Conditions. Please be aware that these are estimates only, and are provided to assist you in preparing your bids. The quantities below in no way guarantee any minimum or maximum amount of product or work to be purchased.

Brevard County Board of County Commissioners: Superpave 9.5 58,000; Superpave 12.5 – 14,000; FC 12.5 30,000.

The Contractor shall be responsible for preventing all asphalt paving debris from entering the storm drainage system of Brevard County. The Contractor shall use best management practices to establish inlet protection and the prevention of all unsuitable materials from entering into the storm system.

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS
INDEMNIFICATION AND INSURANCE REQUIREMENTS
ASPHALTIC CONCRETE
BID # B-4-18-50

INDEMNIFICATION

The County shall be held harmless against any and all claims for bodily injury, sickness, disease, death, personal injury, damage to property or loss of use of any property or assets resulting therefrom, arising out of or resulting from the performance of the products or from the services for which the County is contracting hereunder, provided such is caused in whole or in part by any negligent act or omission of the vendor, or any subcontractor or any of their agents or employees, or arises from a job-related injury.

The vendor agrees to indemnify the County and pay the cost of the County's legal defenses, including fees of attorneys as may be selected by the County, for all claims described in the hold harmless clause herein. Such payment on behalf of the County shall be in addition to any and all other legal remedies available to the County and shall not be considered to be the County's exclusive remedy.

It is agreed by the parties hereto that the Vendor has received specific consideration under this agreement for this hold harmless/indemnification provision.

INSURANCE REQUIREMENTS

The vendor providing services under this agreement will be required to procure and maintain, at their own expense and without cost to the County, until final acceptance by the County of all products or services covered by the purchase order or contract, the following types of insurance. The policy limits required are to be considered minimum amounts:

General Liability Insurance policy with a $1,000,000 combined single limit for each occurrence to include the following coverage: Operations, Products and Completed Operations, Personal Injury, Contractual Liability covering this contract, "X-C-U" hazards, and Errors & Omissions.

Auto Liability Insurance, which includes coverage for all owned, non-owned and rented vehicles with a $1,000,000 combined single limit for each occurrence.

Workers' Compensation and Employers Liability Insurance covering all employees of the vendor and subcontractors, as required by law.

In the event that the contract involves professional or consulting services, in addition to the aforementioned insurance requirements, the vendor shall also be protected by a Professional Liability Insurance Policy in the amount of $1,000,000 per claim.

In the event the contract involves services related to construction projects, the vendor shall also procure and maintain a Builders Risk Insurance Policy or Installation Floater with loss limits equal to the value of the construction project.

In addition to the above, Specialty Insurance policies covering specific risks of loss (including but not limited to, for example; Longshore coverage, Crane and Rigging, Inland Marine, etc.) may be required by Brevard County Insurance and Risk Management. Any additional specialty insurance coverage requirement will be dictated by the specific goods, products or services provided under the subject contract and insurance underwriting standards, practices, procedures or products available in the commercial insurance market at the time of the contract inception. The Vendor is required to procure and maintain all such specialty coverage in accordance with prudent business practices within the Vendors industry.

The awarded vendor shall have five (5) days to provide certificates of insurance to the County demonstrating that the aforementioned insurance requirements have been met prior to the commencement of work under this contract. The certificates of insurance shall indicate that the policies have been endorsed to cover the County as an additional insured (a waiver of subrogation in lieu of additional insured status on the workers compensation policy is acceptable) and that these policies may not be canceled or modified without thirty (30) days prior written notice to the County.

The insurance coverage enumerated above constitutes the minimum requirements and shall in no way lessen or limit the liability of the vendor under the terms of the contract. Sub-Contractor's insurance shall be the responsibility of the vendor.

ASPHALTIC CONCRETE
BID # B-4-18-50
CONFIRMATION OF DRUG-FREE WORKPLACE FORM

In accordance with Section 287.087, Florida Statutes, "[w]henever two or more bids are equal with respect to price, quality, and service which are received by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section."

As the person authorized to sign the statement, I certify that this firm complies with the above requirements and the Florida Statutes Section 287.087. This form is in conjunction with Brevard County's General Conditions, Item 27, Drug-Free Workplace.

V.A. Paving, Inc.
Business Name

B-4-18-50 Asphaltic Concrete
Bid Number and Name

Authorized Representative's Signature

06/12/18
Date

Debra Mallard
Name

President
Position

ASPHALTIC CONCRETE
BID #B-4-18-50
CONDITIONS FOR EMERGENCY/HURRICANE OR DISASTER

It is hereby made a part of this Invitation to Quote that before, during and after a public emergency, disaster, hurricane, flood, or acts of God that Brevard County shall require a "first priority" basis for goods and services. It is vital and imperative that the majority of citizens are protected from any emergency situation which may threaten public health and safety, as determined by the Board of County Commissioners. Vendor/contractor agrees to rent/sell/lease all goods and services to Brevard County as opposed to a private citizen, on a first priority basis. Brevard County expects to pay a fair and reasonable price not to exceed those quoted in this quote for all products in the event of a disaster, emergency or hurricane. Vendor/contractor shall furnish a 24 hour phone number in the event of such an emergency.

I hereby understand and agree to the above statement:

x _____
(authorized signature)

Debra Mallard
(printed name)

President
(title)

Emergency/24 hour Phone Number(s) 321-302-3181

Office Phone Number 321-636-2565 Home Phone Number 321-636-2896

Pager Number _____ Cellular Phone Number 321-302-2773

Nearest Branch Office Phone Number 321-636-2565

and location 2955 Lake Drive Cocoa, FL 32926

Fax Number 321-631-4541 Date 06/12/18

ASPHALTIC CONCRETE
BID # B-4-18-50
STATEMENT OF NO BID

NOTE: If you do not intend to bid on this requirement, please return this form to:

Brevard County Purchasing Services
2725 Judge Fran Jamieson Way, Bldg C, Suite 303
Viera, FL 32940

We the undersigned have declined to bid on your Bid No. B-4-18-50 for the following reason(s):

____ Specifications too "restrictive," i.e., geared toward one brand or manufacturer only (*please specify below*)

____ Insufficient time to respond to the Invitation to Bid

____ We do not offer this commodity/service or equivalent

____ Our product schedule would not permit us to perform

____ Specifications unclear (*please specify below*)

____ Unable to meet bond or insurance requirements

____ Remove our company from vendor database for this commodity/service

____ Other (*please specify below*)

Remarks: _____

_____

_____

_____

PLEASE PRINT

COMPANY NAME_____

COMPANY ADDRESS_____

TELEPHONE NUMBER_____

PRINTED SIGNATURE_____

AUTHORIZED SIGNATURE_____

NOTE: Failure to submit either a Bid or a Statement of No Bid may be cause for removal from the Brevard County Purchasing Services vendor database.

ASPHALTIC CONCRETE
BID # B-4-18-50

PRICE SHEET

ASPHALTIC CONCRETE	DESCRIPTION	ROAD PAVING	PARKING LOTS	BIKE PATHS
Superpave SP-9.5	Vendor Delivered, Vendor Placed	$__78.59____Ton	$__110.00___Ton	$_150.00____Ton
Superpave SP-12.5	Vendor Delivered, Vendor Placed	$__78.59____Ton	$_110.00____Ton	$__150.00___Ton
FRICTION COURSE		**ROAD PAVING**		
Friction Course FC-5	Vendor Delivered, Vendor Placed	$__185.00___Ton		
Friction Course FC-9.5	Vendor Delivered, Vendor Placed	$__110.00___Ton		
Friction Course FC 12.5	Vendor Delivered, Vendor Placed	$__108.00___Ton		
SPEED HUMPS SP-9.5	Vendor Delivered, Vendor Placed	$_400.00____Ton		
LESS THAN 25 TN PATCHING SP-9.5	Vendor Delivered, Vendor Placed	$___300.00__Ton		
25-50 TN PATCHING SP 9.5	Vendor Delivered, Vendor Placed	$__225.00___Ton		
TACK FOB Gallon	FOB GALLON	$_11.00_____Gal		
PRIME	Vendor Delivered, Vendor Placed	$___.65_____SY		
PRIM AND SAND	Vendor Delivered, Vendor Placed	$_1.00_____SY		
SAND 3% HOT MIX	Vendor Delivered, Vendor Placed	$__300.00___Ton	$__3.00____SY	
HOT ASPHALT FOR PICK UP FOB AT PLANT SP-9.5	FOR PICK UP	$__62.50____Ton		
TEMPORARY STRIPING	**Vendor Schedules and Provides**	**$__2.00_____L.F.**		
Night Work	Cost per ton	$_10.00___		
Cost for Milling & Clean Up	SY 0-2,500 and under	$__5.00___SY		
	SY $2,501 - 5,000	$_3.00____SY		
	SY 5,001 to 15,000	$_2.50____SY		
	SY 15,001 and over	$__2.00___SY		
Asphalt Millings for Pickup FOB at Plant		$__25.00__Ton		

Plant Locations:___800 Cidco Rd Cocoa, FL 32926_____

If primary contractor cannot meet the 72-hour availability notification, would you be willing to negotiate price and provide this service as a secondary source? __X___Yes / _____No

Addendum Acknowledgment:

Add. No.__1___Dated__6/7/18_____ / Add. No._____Dated_____

Add. No._____Dated_____ / Add. No._____Dated_____

ASPHALTIC CONCRETE **PRICE SHEET (Continued)**
BID # B-4-18-50

PROMPT PAYMENT DISCOUNT:

218.70. Bidders may offer cash discountss for prompt payment, but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whicever occurs last.

If Prompt Payment Discount is offered, please state discount terms below:

_____

Does your company accept payment via ACH? __X___YES / _____NO

I hereby certify that I have read and agree to all terms and conditions, specifications, and insurance requirements outlined herein:

VENDOR_____V.A. Paving, Inc._____

ADDRESS_____2955 Lake Drive Cocoa, FL 32926_____

AUTHORIZED SIGNATURE _____

PRINTED SIGNATURE__Debra Mallard, President_____ DATE_06/12/18_____

TELEPHONE #_321-636-2565_____ FAX #__321-631-4541_____

SUBMIT SEALED BID TO:
BREVARD COUNTY PURCHASING SERVICES
2725 JUDGE FRAN JAMIESON WAY
BLDG. C, 3rd FLOOR, SUITE C-303
VIERA, FL 32940

Brevard COUNTY Purchasing Services

INVITATION TO BID

Bid Acknowledgment

PROCUREMENT ANALYST: Jon McLester (321) 617-7390 Ext. 5-6049
jonathan.mclester@brevardfl.gov

AN EQUAL OPPORTUNITY EMPLOYER

FLORIDA TAX EXEMPT #85-8012621749C-1
FEDERAL TAX EXEMPT #59-6000523

BID SPECIFICATIONS MAY BE OBTAINED AT: Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or on our Brevard County Purchasing Services website, or at the Onvia DemandStar® website.

MAILING DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE AND TIME:
May 17, 2018	Asphaltic Concrete	B-4-18-50	June 12, 2018 at 2:00 p.m.

PRE-BID DATE, TIME, AND LOCATION:
A pre-bid meeting will be held on June 5 , 2018 at 9:00 a.m. in the Purchasing Conference Room located at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Viera, FL 32940

☐ Mandatory
☒ Non-Mandatory

BIDS RECEIVED AFTER ABOVE DATE AND TIME WILL NOT BE ACCEPTED

▼VENDOR MUST COMPLETE THIS AREA AND RETURN FORM▼

LEGAL NAME OF BIDDER AND BUSINESS ADDRESS:
Community Asphalt Corp.
2975 Industrial Boulevard
Vero Beach, FL 32967

TELEPHONE NUMBER/TOLL-FREE NUMBER:
(718) 418-3561

FEDERAL ID NO. (FEIN) OR SOCIAL SECURITY NO. (SSN):
59-2023298

If returning as a "no bid," state reason:

I certify that this bid is made without prior understanding, agreement, or connections with any corporation, firm or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the County of Brevard, the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign, or transfer to the County of Brevard all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the County of Brevard. At the County's discretion, such assignment shall be made and become effective at the time the County tenders final payment to the bidder.

The bidder acknowledges that information provided in this ITB is true and correct.

X _____
AUTHORIZED SIGNATURE (*MANUAL*)

Manuel Aguiar
NAME (*PRINTED*)

Corporate Vice President
TITLE

6/12/18
DATE

THIS FORM MUST BE NOTARIZED AND RETURNED WITH YOUR BID

Sworn to and subscribed before me this 12th day of June 2018.

Personally known: ☒

Or produced identification: ☐ Type of ID: _____

_____ FL
SIGNATURE OF NOTARY PUBLIC — STATE

Jean J. Leon
NAME OF NOTARY PUBLIC (*PRINTED*)

My commission expires: 1/2/2022

Jean Jose Leon
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG172069
Expires 1/2/2022

BOND DATA

VENDOR MUST PROVIDE: **AMOUNT:**

Yes ☐	No ☒	BID BOND	
Yes ☒	No ☐	PERFORMANCE BOND	100% on projects over $100,000
Yes ☐	No ☒	LABOR, MATERIAL, PERFORMANCE BOND	

In cases where the amount of a surety bond exceeds $500,000, the surety company must have an A.M. Best's rating as specified in this document, and depending on the amount of the bond, shall have a minimum A.M. Best's financial size category (FSC) ranking as follows:

BOND AMOUNT UP TO:	FINANCIAL CLASS	BOND AMOUNT UP TO:	FINANCIAL CLASS
$ 1,000,000	I	$ 25,000,000	V
$ 2,000,000	II	$ 50,000,000	VI
$ 5,000,000	III	$ 100,000,000	VII
$ 10,000,000	IV		

Bonds must be issued by a surety company who complies with the requirements of § 287.0935, Fla. Stat.

PAYMENT OF GOODS OR SERVICES PROVIDED AS A RESULT OF THIS SOLICITATION WILL BE MADE PER FLORIDA STATUTE. ALL FIRST TIME VENDORS MUST SUBMIT A W-9 FORM.

GENERAL CONDITIONS, TERMS, AND PROVISIONS

1. **DEFINITIONS:**

   a. COUNTY - The term "COUNTY" herein refers to the County of Brevard, Florida, and its duly authorized representatives.

   b. BIDDER - The term "BIDDER" used herein refers to the dealer/ manufacturer/business organization submitting a bid to the County in response to this invitation.

   c. VENDOR - The term "VENDOR" used herein refers to any dealer/manufacturer/business organization that will be awarded a contract pursuant to the terms, conditions and quotations of the bid.

   d. USING AGENCY - The term "USING AGENCY" used herein refers to any department, division, agency, commission, board, committee, authority or other unit in the County Government using supplies or procuring contractual services as provided for in the Purchasing Ordinance of the County of Brevard.

   e. HEAVY DUTY - The item(s) to which the term "HEAVY DUTY" is applied shall exceed the usual quality and/or capacity supplied with standard production equipment and shall be able to withstand unusual strain, exposure, temperature, wear and use.

   f. QUALIFIED BIDDER - The best bidder who has the capability in all respects to fully perform the bid requirements, and has the financial stability, honesty, integrity, skill, business judgment, experience, facilities, and reliability necessary to assure good faith performance of the contract, as determined by reference to the Contractor's Qualification Statement, evaluations by County staff of the bidder or its subcontractors' past performance for the Board, an any other information required by Board policies.

   g. RESPONSIVE BIDDER - A bidder who has submitted a bid, which conforms in all respects to the requirements of the bid package, including, but not limited to, submission of the bid on required forms with all required information, signatures, and notarizations at the place and time specified.

   h. DUE CAUSE – An applicable reason affecting and concerning the ability and fitness of the contractor(s) to perform to the specifications and requirements of the contract.

2. **SUBMISSION OF BIDS:** All bids shall be submitted in a sealed envelope. The bid number, title, and opening date shall be clearly displayed on the outside of the sealed envelope. The delivery of said bid to Purchasing Services prior to the specified opening date and time is solely and strictly the responsibility of the bidder. Any bids received in Purchasing after the specified date and time will not be accepted.

3. **EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the space(s) provided. Bids must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to any bid entry must be initialed. The company name and Federal Employer Identification Number (FEID) number shall appear in the space(s) provided.

4. **BID OPENING:** Bid opening shall be public on the date and time specified. Sealed bids received by an agency pursuant to invitations to bid are exempt from the provisions of subsection (1) and s. 24(a), Art. I of the State Constitution until such time as the agency provides notice of a decision or intended decision pursuant to s. 120.57(3)(a) or within 30 days after bid or proposal opening, whichever is earlier. In accordance with Florida Statute 119.071(1)(b)2, the names of the firms submitting a competitive solicitation will be read aloud at this time of the opening. No details of the competitive solicitation will be released. Bid must be submitted on forms provided by the County. No other forms will be accepted. Fax, telephone, emailed, or verbal Bids are not acceptable and will not be considered. No bid may be modified after opening. No bid may be withdrawn after opening for a period of ninety (90) days unless otherwise specified.

5. **BID TABULATIONS:** Bid tabulations are posted to the Brevard County Purchasing Services website at http://www.brevardfl.gov/CentralServices/Purchasing and the DemandStar website at: www.demandstar.com.

6. **CLARIFICATION/CORRECTION OF BID ENTRY:** The County reserves the right to allow for the clarification of questionable entries and for the correction of OBVIOUS MISTAKES.

7. **INTERPRETATION:** No interpretation of the meaning of the specifications, or other contract documents will be made orally to any bidder. Every request for such interpretation must be in writing, addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Suite 303 Viera, FL 32940, or emailed to the attention of the applicable Procurement Analyst. To be given consideration, such requests must be received at least five (5) business days prior to the date fixed for the opening of the bid. Any and all such interpretation and supplemental instructions will be in the form of a written addendum. Failure of any bidder to receive any such addendum or interpretation shall not relieve said bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents, whether or not the successful bidder received a copy of such addendum, it being understood that all bidders are responsible to verify that they have received any such addenda prior to submitting their bid.

8. **EEO STATEMENT:** Vendors must ensure that employees and applicants for employment are not discriminated against for reasons of race, color, age, religion, sex, national origin, or handicapped status. Minority and female-owned businesses are encouraged to participate. Brevard County is an equal opportunity employer.

9. **PRICING:** Firm prices shall be proposed and include FOB DESTINATION, all packing, handling, shipping charges, fuel surcharges and delivery, unless otherwise indicated, to any point within the County to a secure area or inside delivery. All prices, costs, and conditions shall remain firm and valid for 90 days from the date of opening. The obligations of Brevard County under this award are subject to the availability of funds lawfully appropriated for its purpose by the State of Florida and/or the Brevard County Board of County Commissioners.

10. **ADDITIONAL TERMS & CONDITIONS:** The County of Brevard reserves the right to reject bids containing any additional terms or conditions not specifically requested in the original conditions and specifications.

11. **TAXES:** The County of Brevard is exempt from Federal excise taxes and all sales taxes.

12. **DISCOUNTS:** All discounts, EXCEPT THOSE FOR PROMPT PAYMENT, shall be considered in determining the lowest net cost for bid evaluation purposes.

13. **MEETS SPECIFICATIONS:** All equipment and accessories furnished under these specifications shall be new, the latest model in current production, and shall be of good quality, workmanship, and material. The bidder represents that all equipment offered under these specifications shall meet or exceed the minimum requirements specified. Delivery specifications shall be strictly adhered to. The bidder shall be responsible for performing the work necessary to meet County standards in a safe, neat, good, and workmanlike manner.

14. **BRAND NAME OR EQUAL:** If items called for by this invitation have been identified in the specifications by a "Brand Name or Equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be acceptable. Bids offering "equal" products will be considered for award

if such products are clearly identified in the bid and are determined by the County to meet fully the salient characteristics requirements listed in the specifications. Unless the bidder clearly indicates in his bid that he is offering an "equal" product, the bid shall be considered as offering the same brand name product referenced in the specifications. If the bidder proposes to furnish an "equal" product, the brand name if any, or the product to be furnished shall be inserted in the space provided or such product shall be otherwise clearly identified. The evaluation of bids and the determination as to equality of the product offered shall be the responsibility of the County and will be based on information furnished by the bidder. Purchasing Services is not responsible for locating or securing any information, which is not identified in the bid and reasonably available to Purchasing Services. To ensure that sufficient information is available the bidder shall furnish as a part of the bid, or prior to bid opening, as indicated, all descriptive material necessary for Purchasing Services to determine whether the product offered meets the salient characteristics required by the specifications and establish exactly what the bidder proposes to furnish and what the County would be binding itself to purchase by making an award.

15. **SILENCE OF SPECIFICATIONS:** The apparent silence of the specifications and any supplemental specifications as to any details or the omission from same of any detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail and only materials of first quality be provided. All interpretations of this specification shall be made upon the basis of this statement.

16. **ASSIGNMENT:** Any purchase order (PO) issued pursuant to this bid and the moneys, which may become due hereunder is not assignable except with the prior written approval of the Purchasing Manager.

17. **INDEMNIFICATION:** The successful bidder agrees to indemnify and hold harmless the County and their employees from all claims, losses and expenses, including attorneys' fees, arising out of or resulting from the performance, failure in the performance of, or defect in, the products or services to be contracted, provided such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, death, or personal injury, or to property damage, including loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the vendor, any subcontractor or any of their employees, or arises from a job-related injury. The successful bidder acknowledges adequate consideration for this indemnification provision.

18. **PATENTS AND ROYALTIES:** The bidder, without exception shall indemnify and save harmless the County of Brevard and its employees from liability of any nature of kind including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County of Brevard. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any involved in the work.

19. **TRAINING:** If specified, supplier(s) may be required at the convenience of the County, to provide employees training in the operation and maintenance of any items(s) purchased from this bid.

20. **ACCEPTANCE:** Items may be tested for compliance with specification. Items delivered not conforming to specifications may be rejected and returned at vendor's expense. Those items not delivered as per delivery date in bid and/or purchase order may be purchased on the open market. Any increase in cost may be charged against the vendor. Any violations of these stipulations may also result in the vendor name being removed from the bid list and the vendor disqualified from doing business with the County.

21. **SAFETY WARRANTY:** The selling dealer, distributor, supplier, and manufacturer shall be responsible for having complied with all Federal, State and local standards, regulations, and laws concerning the equipment specified and the use thereof, applicable and effective on the date of manufacture including safety and environmental standards as apply to both private industry and governmental agencies.

22. **WARRANTY:** The bidder agrees that, unless otherwise specified, the supplies and/or services furnished under this bid shall be covered by the most favorable commercial warranty the bidder gives to any customer for comparable quantities of such supplies and/or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the County by any other provision of this bid.

23. **AWARDS:** As the best interest of the County may require, the right is reserved to make award(s) by individual items, group of items, all or none, or a combination thereof, on a geographical basis and/or on a countywide basis with one or more suppliers; to reject any and all bids or waive any minor irregularly or technicality in bids received. Bidders are cautioned to make no assumptions unless their bid has been evaluated as being responsive and qualified. All awards made as a result of this bid shall conform to applicable ordinances of the County. The Board may return, for full credit, any unused items received which fail to meet the Board's performance standards. Brevard County reserves the right to cancel an awarded bid upon due cause—i.e., vendor misrepresentation, vendor negligence, non-performance, etc. via written notice.

24. **Unless otherwise noted in the bid document, vendors shall submit *one bid only*.**

25. **CONFLICT OF INTEREST:** The award hereunder is subject to provisions of State of Florida Statutes and Brevard County Ordinances. All Bidders must disclose with their bid the name of any officer, director, or agent who is also an employee of Brevard County. Further, all bidders must disclose the name of any County employee who owns, directly or indirectly, any interest in the proposer's firm or any of its branches.

26. **PURCHASING AGREEMENTS WITH OTHER GOVERNMENTAL ENTITIES:** Brevard County permits the awarded vendor(s) to extend the pricing, terms and conditions of this solicitation to other governmental entities at the vendor's discretion. Each governmental entity that utilizes this solicitation or resulting contract will be responsible for execution of its own requirements with the awarded vendor(s).

27. **DRUG-FREE WORKPLACE:** Whenever two or more bids, which are equal with respect to price, quality, and service, are received by Brevard County for the procurement of commodities or contractual services, a bid received from a business that has implemented a drug-free workplace program per 287.087, Fla. Stat. shall be given preference in the award process.

28. **LOBBYING STATEMENT:** All firms are hereby placed on notice the County Commission and staff shall not be contacted about this Bid. Firms and their agents are hereby placed on notice that they are not to contact members of the County Commission or staff (with the exception of designated liaison). Public meetings and public deliberations of the Selection Committee are the only acceptable forum for the discussion of merits of products/services requested by the Invitation to Bid; and written correspondence concerning Bids may be submitted to the County Manager. Each Bid will have one non-voting staff member designated who will serve as the liaison. Failure to adhere to these requirements could result in Board action to disqualify your firm from consideration of award.

29. **PUBLIC ENTITY CRIMES:** All bidders are hereby placed on notice that 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 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 contractor, supplier, subcontractor, 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 287.017 Fla. Stat.

for CATEGORY TWO (currently $35,000) for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

30. **DISCRIMINATORY VENDOR LIST:** An entity or affiliate placed on the Discriminatory Vendor List shall not submit a Bid for a contract to provide goods or services to a public entity, shall not submit a Bid on a contract with a public entity for the construction or repair of a public building or perform any public work, shall not submit Bids for leases of real property to a public entity, shall not award or perform work as a contractor, supplier, subcontractor, or consultant under any contract with any public entity, and shall not transact business with any public entity per 287.134(3)(d), Fla. Stat.

31. **SCRUTINIZED COMPANIES:** Section 287.135, Fla. Stat., prohibits agencies from contracting with companies for foods or services of $1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Both lists are created pursuant to Section 215.473, Fla. Stat.

32. **LICENSES, CERTIFICATIONS, AND PERMITS:** The successful vendor will be required to secure, at its expense and show proof of the proper business tax receipt and/or any other license/certification required of the applicable service/work being performed. Prior to award, the apparent low bidder will be required to provide proof of license and/or certification within two (2) business days of the posted awarded recommendation and submit copies of license/certifications to the Purchasing Office. The Brevard County Contractor Licensing Regulation & Enforcement (LR&E) office is responsible for the county licensing of trades: General Building, drywall, plumbing, electric, HVAC, roofing, etc. If you have questions concerning the licensing requirements for a Brevard County contractor's license, please Contact the Brevard County LR&E office at (321) 633-2058, option 0, for any questions.

    The awarded contractor shall fully comply with all federal and state laws, county and municipal ordinances and regulations in any manner affecting the performance of the work. The successful vendor is responsible for obtaining all permits necessary to construct the project. Brevard County does not exempt itself from permitting requirements. The Owner shall pay all Brevard County permit, inspection and impact fees required for the project or services required under this contract; all other fees for permits required by agencies/municipalities other than Brevard County shall be the responsibility of the awarded Contractor. A copy of issued permit shall be provided to the User Department of the County for their records.

33. **ERRORS:** In the event of extension error(s), the unit price will prevail. In the event of addition error(s), the extended totals will prevail. In either case, the bidder's total offer will be adjusted accordingly.

34. **CANCELLATION AND REINSURANCE:** If any insurance should be canceled or changed by the insurance expiring during the period of this bid award, the vendor shall be responsible for securing other acceptable insurance to provide the coverage specified in the bid to maintain continuous coverage during the life of the award.

35. **INCURRED COST:** Brevard County is not liable for any cost incurred by any vendor prior to an award. Costs for developing a response to this request for bid are entirely the obligation of the bidder and shall not be chargeable in any manner to Brevard County.

36. **MATERIALS/SUPPLIES:** No materials or supplies for the work shall be purchased by the vendor or by any subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller.

37. **SUBCONTRACTORS:** The vendor shall be fully responsible for all acts and omissions of his subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts and omissions of persons directly employed by him.

38. **VERBAL INSTRUCTIONS:** No negotiations, decisions, or actions shall be initiated or executed by the vendor as a result of any discussions with any County employee. Only those communications, which are in writing from an authorized County representative, may be considered. Only written communications from vendors, which are assigned by a person designated as authorized to bind the company, will be recognized by the County as duly authorized expressions on behalf of the company.

39. **LITIGATION VENUE:** All litigation shall take place either in the State Courts of Florida, wherein venue shall lie in Brevard County, Florida, or in the Federal Courts wherein venue shall lie in the Central District in and for the State of Florida. The vendor expressly waives venue in any other location.

40. **ADDITION, DELETION, OR MODIFICATION OF SERVICES:** The County reserves the right at its sole discretion to increase, decrease, or delete any portion of this agreement/contract at any time without cause, and if such right is exercised by the County, the total fee shall be reduced by a prorate basis. If work has already been accomplished on the portion of the contract to be increased, decreased, or deleted, the contractor shall be paid for the correct portion on the basis of the estimated percentage agreed upon by the County, the contractor, and the contract manager upon completion of such portion.

41. **OPERATION DURING DISPUTE:** In the event the County has not canceled the contract in accordance with the terms of the contract, and there remains a dispute between the bidder and the County, the bidder agrees to continue to operate and perform under the terms of the contract while such dispute is pending. Further, the bidder agrees that, in the event a suit is filed for injunction or other relief, it will continue to operate the system until the final adjudication of such suit by the court.

42. **CONTRACT TERMINATION:** The contract resulting from this bid shall commence upon issuance and acceptance of the fully executed contract. The County user agency shall issue orders against the contract on an as needed basis. The contract may be canceled by the vendor, for good cause, upon ninety (90) days prior written notice. The County retains the right to terminate the contract, in part or in its entirety, with or without good cause, upon thirty (30) days prior written notice or as stated herein. In the event of termination by either party as provided herein, the awarded vendor shall be paid for services performed through the date of termination.

43. **SPECIAL ACCOMMODATIONS:** In accordance with the Americans with Disabilities Act (ADA) and Section 286.26, Fla. Stat., persons with disabilities needing special accommodations to participate should contact the ADA Coordinator at (321) 633-2017 or by email at Brian.Breslin@BrevardFL.gov, and must be made no later than 48 hours prior the public meeting/hearing in order to provide the requested service.

44. **BIDDER RESPONSIBILITIES:** Bidders, by submitting a bid, certify that it understands all planning, coordinating, and implementation of the described services shall be done through personal contact between the bidder and the contract manager, and that telephone contact and mail correspondence may, in some cases, not be appropriate. County approved representatives of the bidder shall be available to meet with the contract manager, as may be required, to accomplish the County's objectives as effectively and efficiently as possible, during all phases of this agreement/contract/bid.

45. **SUPERVISION OF CONTRACT PERFORMANCE:** The bidder's performance of the contract will be notified by the contract manager. The bidder shall be notified of lack of performance in writing by the contract manager. If at any time during the term of the contract, performance satisfactory to the contract manager shall not have been made, the bidder, upon written notification by the contract manager, shall within three (3) days increase the force, tools and equipment as needed to properly perform the contract. The failure of the contract manager to file such notification shall not relieve the bidder of the obligation to perform the work at the time and in the manner specified by the contract. If the bidder does not

increase the force or neglects to do the work properly, the contract manager can withhold a percentage of payment or withhold the entire dollar amount due as per the contract.

46. **MISUNDERSTANDING:** To prevent misunderstanding and any litigation, the contract manager shall decide any and all questions, which may arise concerning the quality and acceptability of the work, and services performed, the sufficiency of performance, the interpretation of the provisions of the contract, and the acceptable fulfillment of the contract on the part of the bidder. The Contract Manager will determine whether or not the amount, quantity, character and quality of the work performed are satisfactory, which determination shall be final, conclusive and binding upon both the bidder and the County. The contract manager shall make such explanation as may be necessary to complete, explain, or make definite the provisions of the contract, and his findings and conclusions shall be final and binding upon both parties.

47. **GREEN PROCUREMENT POLICY:** The Board of County Commissioners approved a "green procurement" policy in March 2004 to establish procurement requirements that promote the purchase and use of Environmentally Preferred Products as defined by the United States Environmental Protection Agency. Environmentally Preferred Products (EPP) are those products and services that have a reduced effect on the human health and the environment when compared to other products and services that serve the same purpose. EPP produces encourage (1) waste reduction; (2) reduced exposure to hazardous materials; (3) natural resource conservation; and (4) energy efficiency.

48. **MONITORING OF WORK:** The bidder shall provide the contract manager with every reasonable opportunity to ascertain whether or not the work, as performed, is in accordance with the requirements of the contract. The bidder shall designate, in writing, a person to serve as liaison between the bidder and the County.

49. **PROMPT PAYMENT:** For payment promptness, Brevard County shall remit payment in accordance with the Florida Prompt Payment Act, Section 218.70, Fla. Stat., et seq. Brevard County does not expect to be billed in excess of the ordered quantity and will not pay for any quantity above the ordered quantity. Any order placed as a result of this bid will be subject to Billing Instructions and Conditions on the back of the Brevard County Purchase Order form. Bidders may offer cash discounts for prompt payment but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last. Requests for final payment for any work or services for which a permit is required shall include a copy of all required permits and copies of all required inspection reports. Failure to provide proof of acquisition of all required permits and successful completion of all required inspections shall represent an incomplete invoice and will delay payment.

50. **RIGHT TO AUDIT RECORDS:** In performance of this Agreement, the Contractor shall keep books, records, and accounts of all activities related to the Agreement, in compliance with generally accepted accounting procedures. All documents, papers, books, records and accounts made or received by the contractor in conjunction with the Agreement and the performance of this Agreement shall be open to inspection during regular business hours by an authorized representative of the office and shall be retained by the contractor for a period of three (3) years after termination of this Agreement, unless such records are exempt from section 24(a) of Article I of the State Constitution and section 119.07(1), Fla. Stat.

51. **UNAUTHORIZED ALIEN WORKERS:** Brevard County will not accept bids from vendors who knowingly employ unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S. Code § 1324a(e) (Section 274A(e) of the Immigration and Nationality Act "INA"). The County shall consider a vendor's intentional employment of unauthorized aliens as grounds for immediate termination of any awarded bid.

52. **FLORIDA PUBLIC RECORDS LAW:** Both parties understand that the County is subject to the Florida Public Records Law, Chapter 119, Fla. Stat. and all other applicable Florida Statutes. If the materials provided by the Contractor do not fall under a specific exemption, under Florida or federal law, materials provided by the Contractor to the County would have to be provided to anyone making a public records request. It will be the bidder's duty to identify the information, which it deems is exempt under Florida/federal law, and identify the statute by number, which exempts that information.

    Should any person or entity make a public request of the County—which requires or would require the County to allow inspection or provide copies of records which the Contractor maintains are exempt from Public Records Law or are confidential—it shall be the Contractors obligation to provide the County within 24 hours (not including weekends and legal holidays), of notification by the County to the Contractor of the request, of the specific exemption or confidentiality provision so the County will able to comply with the requirements of 119.07(1)(e) and (f) , Fla. Stat.

    Should the County face any kind of legal action to require or enforce inspection or production of any records provided by the Contractor to the County which the Contractor maintains are exempt or confidential from such inspection/production as a public record, then the Contractor shall hire and compensate attorney(s) who shall represent the interest of the County as well as the Contractor in defending such action. The Contractor shall also pay any costs to defend such action and shall pay any costs and attorney fees, which may be awarded pursuant to 119.12, Fla. Stat.

    All material submitted becomes the property of the County and may be returned only at the County's option. The County has the right to use any or all ideas presented in any reply to this ITB. Selection or rejection of any bid does not affect this right.

53. **COUNTY SEAL:** Use of the County Seal without the express approval of the Board of County Commissioners is a violation of 165.043, Fla. Stat. punishable as a misdemeanor.

54. **TIE BIDS:** Award of all tie quotes/bids shall be made by the Purchasing Manager in accordance with State Statutes, which allows a firm certified as a Drug-Free Workplace to have precedence. When evaluation of vendor responses to solicitations results in identical offers, with regards to bids or quotations, or identical ranking with regards to proposals, from two or more vendors, the County shall determine the order of award using the following criteria in order of preference listed below (from highest priority to lowest priority):

    a. For tie bids, quotations or proposals, priority shall be given to the vendor certifying that he/she is a Drug-Free Workplace as defined within 287.087, Fla. Stat.;

    b. Should a tie still exist, <u>in the case of proposals only</u>, priority shall be given until the tie is broken, to the vendor with the highest total of raw scores for each evaluation criteria, progressing from the highest weighted criteria to the lowest rated criteria. If multiple evaluation criteria have identical weights, the combined total weights of the identically weighted criteria shall be used;

    c. In the event that a tie still exists after progressing through a–c, the decision shall be made by lot or coin toss. The drawing of lots or coin toss shall be conducted in the presence of the effected bidders if they elect to be present.

55. **VENDOR COMPLAINTS AND DISPUTES:** Brevard County encourages prompt and fair handling of all complaints and disputes with the business community. In order to resolve disputed matters in an equitable manner, the following procedures are adopted:

a. **POSTING OF AWARD NOTICES**

FORMAL SEALED BIDS/QUOTES: No later than three (3) business days after a bid opening the Purchasing Manager, or his/her designee, shall post a tabulation of competitive sealed bids/quotes to the Purchasing Services website and to the DemandStar website. The apparent low bid/quote will be the intended award recommendation. If after posting the tabulation, the apparent low bid/quote is found to be non-responsive to the specifications, the formal award evaluation will be posted. The time for filing a protest will begin the date of the later posting.

FORMAL SEALED PROPOSALS: No later than three (3) business days after the selection committee recommendations are finalized, the Purchasing Manager or his/her designee shall post the selection committee's rankings and recommended award for bids.

b. **PROCEEDINGS**

Any bidder, quoter, or proposer who is allegedly aggrieved in connection with the solicitation or pending award of a contract must file a formal written protest with the Purchasing Manager within five (5) business days of the posted award recommendation.

The formal written protest shall reference the bid/quote/proposal number, and shall state with particularity the facts and laws upon which the protest is based, including full details of adverse effects and the relief sought.

Within seven (7) calendar days of receipt of the formal written protest, the Purchasing Manager will arrange a meeting of the Protest Committee and the affected parties. The Protest Committee shall consist of two (2) Department Directors or designees, both of whom must be from an organizational group which the user department or group is not assigned; one (1) Assistant County Manager, who must be from an organizational group which the user department or group is not assigned under. The Purchasing Manager shall act as a non-voting Hearing Coordinator and the County Attorney or designee may be requested to attend as a non-voting member. The Purchasing Manager or designee record the meeting and provide any information as the committee may request. The purpose of the meeting of the Protest Committee is to provide an opportunity to: (1) review the basis of the protest, (2) evaluate the facts and merits of the bid protest, and (3) if possible, to reach a resolution of the protest that is acceptable to the affected parties. For the purpose of the Protest Committee hearing, resolution shall mean that the Protestor finds the decision of the Protest Committee acceptable.

In the event the matter is not resolved with the Protestor's acceptance of the Protest Committee's decision, the Purchasing Manager will schedule the recommended award including the details of the protest and the Protest Committee's recommendation before the Board of County Commissioners via Board Agenda. The County Manager, prior to approval and placement on the Board agenda, may elect to resolve the matter before presentation to the Board. In the event that the County Manager cannot bring the matter to resolution, a copy of the Agenda Report shall be furnished immediately to all affected parties. The affected parties may appear before the Board of County Commissioners as a final means of administrative remedy.

c. **STAY OF PROCUREMENTS DURING PROTESTS**

Failure to observe any or all of the above procedures shall constitute a waiver the right to protest a contract award. In the event of a timely protest under the procedure, the County shall not proceed further with solicitation or with the award until a recommendation is made by the Committee, or a written determination is made by the County Manager that the award must be made immediately in order to protect the public interest. Invoice disputes between an awarded vendor and user agency will follow the guidelines set forth in AO-33, *Prompt Payment of Invoices*.

ASPHALTIC CONCRETE
BID # B-4-18-50
BIDDER'S CHECKLIST

The items indicated are required for submission with your bid. Failure to submit any items indicated as required may result in rejection of the bid. Offers to provide required items after the date and time designated for the receipt of bid will <u>not</u> be considered.

- ☑ Signed/Notarized Bid Invitation
- ☑ Completed and Signed Price Sheet, Specifications and Insurance Indemnification Acknowledgement (hard copy)
- ☑ One electronic copy of Bid submitted on CD/DVD or Flash Drive
- ☑ References
- ☑ Proposed Plant Locations
- ☑ Conditions for Emergency/Hurricane or Disaster Form
- ☑ W-9 Form – Latest Edition

In order for this bid to be valid, the above forms and information shall be completed in their entirety, signed by an authorized representative of the responding vendor, and returned as part of the bid response.

ASPHALTIC CONCRETE
BID # B-4-18-50
SPECIAL CONDITIONS

1. PURPOSE

Brevard County Purchasing on behalf of the Brevard County Public Works department is soliciting annual bids for the purchase of asphaltic concrete on a continuing basis to be purchased on an as needed basis.

Estimated annual quantities are provided for Brevard County. The quantities provided are estimates only, and do not constitute a minimum or maximum volume of work to be accomplished under this agreement.

2. AGREEMENT PERIOD

The resulting agreement shall be in effect for one (1) year from the date of award. Agreement shall have the option to renew for up to two (2) additional, one (1) year periods.

3. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this bid, contact Jon McLester, Purchasing Services at 321-617-7390 or by email at jonathan.mclester@brevardfl.gov. Such contact shall be for clarification purposes only. Material changes, if any, to the specifications will be transmitted by written addendum through Purchasing Services and posted to the County website at http://www.brevardfl.gov/CentralServices/Purchasing/BiddingOpportunities. The County will not notify bidders of addenda. It is the sole responsibility of the bidder to check the website prior to submitting a bid to verify receipt of all documents to include written addendum.

Bidders shall promptly notify Purchasing Services, prior to submission of their bid, of any ambiguity, inconsistency or error, which they may discover upon examination of the bid documents. No interpretation of the meaning of specifications or other documents will be made to any bidder orally, nor may bidder rely on any such pre-bid statements in completing the bid. Every request for such interpretation must be in writing addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or emailed to the attention of Jon McLester at jonathan.mclester@brevardfl.gov. To be given consideration, such requests must be received in writing no later than five (5) business days prior to the date for opening of the bids.

4. RECEIVING OF BIDS

Bids must be received by Brevard County Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite C303, Viera, FL 32940 **no later than June 12, 2018 at 2:00 p.m.**. Bids must be submitted on County format to be considered. **The official time clock will be the date and time stamp clock located in the Purchasing Office.**

Bids shall be submitted in one (1) original and one (1) copy with the "Original" clearly marked. Paper documents must be provided, but should be accompanied by one (1) equivalent electronic PDF file on compact disc (CD) of USB flash drive.

Note* Please ensure that if you use a third party carrier (DHL Express, FedEx, UPS, USPS, etc.) that they are properly instructed to deliver your bid only to Purchasing Services on the third *(3rd) floor* at the above address. **Vendors are advised that U.S. Postal Service 1st Class and Express mail is delivered to a P.O. Box and is not delivered to the Purchasing Services Office. Delivery via the USPS is at the Vendor's risk.** To be considered, **a bid must be accepted in Purchasing Services no later than the ITB closing date and time.** If the bid is delivered anywhere else, it may not reach Purchasing Services in time.

5. PRE-BID/WALK THROUGH

A pre-bid meeting shall be held on June 5, 2018 at 9:00 a.m., located in Purchasing Services Conference Room, 2725 Judge, Viera, FL 32940.

☐ **Mandatory** ☒ **Non-Mandatory**

6. AWARD

Award will be made by line item based on cost. Each line item will be awarded a primary and a secondary vendor.

7. LOCAL PREFERENCE NOT A FACTOR

Local Preference shall not be a factor in the award of this bid. The inclusion of Local Preference could make the County ineligible for potential reimbursements from agencies such as FHWA, and/or FEMA in the event of emergency or natural disaster. For this reason item 53 of our Terms and Conditions has been struck-through, and Local Preference shall not apply to this bid.

ASPHALTIC CONCRETE
BID # B-4-18-50
SPECIFICATIONS

1. The material and services to be provided and performed by the awarded vendor are anticipated to be, but not limited to, those services set forth in the specifications. If the contractor fails to properly perform the conditions of the contract, in the sole opinion of the County, the County will communicate to the contractor, in writing, the problem (s) that exist. If the problem(s) persist or reoccur, the County reserves the right to cancel the contract by advising the contractor in writing as per General Conditions #42.

2. All material supplied under this contract must meet the requirements of sections 300, 320, 334, 336, and 337 of the Florida D.O.T. Standard Specifications for Road and Bridge Construction, 2014 edition.

3. All materials supplied under this contract for road paving, resurfacing, patching, and cold patch (one ton minimum) must be available with 72 hours of notification by the agency, and within five business days notice by the agency for any night time work.

4. The contractor must provide a minimum of 48-hour notice prior to leaving job site if scheduled work is not complete.

5. Bidders shall include in their bids the cost for all equipment, materials, and labor to power sweep and apply a tack coat prior to resurfacing and/or patching roads where applicable. No asphalt or patch shall be installed in standing water, or during raining conditions. Asphalt that is installed in such conditions will be removed by the contractor at the contractor's expense.

6. Contractor will be responsible for cleaning of driveways (tack, dirt and debris from brooming.)

7. Contractor shall be responsible for rideability (must bring any problems of existing conditions to County's attention prior to paving.) Corrections on "New Pavement" (reconstructed or new rock base or soil cement) shall be in accordance with FDOT Standards 2014. Roadways subject to straight edge requirements.

8. Contractor to place all asphalt mixtures by the stringline method, per FDOT 330-6.1.1. Contractor is to provide a uniform center line and edge line +/- 1.5 inches. Any corrections for variations will be absorbed at the expense of the contractor.

9. The contractor shall provide temporary striping in accordance with section 102-1 and 102-2 of the Florida D.O.T. Standard Specification for Road and Bridge construction, 2014 edition. When the County's Striping Contractor is not available, the Asphalt Contractor must provide temporary striping.

10. When required, The contractor shall provide all equipment, labor and materials for Maintenance of Traffic in accordance with Florida D.O.T. Design Standards for Design. Construction, Maintenance and Utility Operations on the State Highway System, Standard Specifications for Road and Bridge Construction, as well as the Manual on Uniform Traffic Control Devices (MUTCD) latest editions.

11. The contractor shall conform to the requirements of Section 330, "Hot Mix Asphalt - General Construction Requirements" of Florida D.O.T. Standard Specifications for Road and Bridge Construction 2014 Edition.

12. The contractor shall conform to the requirements of section 327 "Milling of Existing Asphalt Pavement" The Milled surface must be of uniform grade, and be consistent with the profile which existed prior to milling, and be clean and free of loose materials prior to the placement of hot mix.

13. The County will make award in accordance with General Conditions # 22 on the following:

    - Vendor Delivered and Vendor Placed price for SP9.5, SP12.5, FC9.5, FC12.5, and pick-up price for FOB 9.5 asphalt.
    - The Vendor Delivered and Vendor Placed price per ton must include all associated costs. Additional hauling costs will not be allowed.

14. Plant locations must be identified with bid.

15. Bids will be acceptable only from companies supplying from plant sites having been in operation for the last three (3) month period, with a capacity for supply of 400 tons or more during an eight (8) hour workday.

16. Projects still in progress under the County's current agreement will be completed by the contractor under the current agreement. The contractor awarded this bid will be responsible for completion of any projects already in progress when the term of this bid expires.

17. An electronic weight ticket with Brevard County contract number, product mix design number, and plant location clearly marked must accompany all deliveries. Payment may be withheld where no delivery ticket is received with shipment, or if the ticket has incomplete information.

18. Subsequent to award and prior to commencement of contract, successful bidder(s) will be required to furnish proof of minimal insurance coverage per the attached requirements.

19. All references to specifications refer to the Florida Department of Transportation Standard Specifications for Road & Bridge Construction, 2014 edition.

20. Any "pushing" or "slipping" of the asphalt within a 12 month period after placement will be repaired at the contractor's expense.

21. At the start of all paving operations, the edge of the previous pavement shall be saw cut to provide a uniform edge to begin the construction of the paving process. When paving starts in a section where there is no edge, a section of the existing paving shall be milled to a depth of at least 1" and 12' along surface, the width of the section to be paved.

22. Testing maybe required using the following guidelines. Extraction and Gradation samples will be taken from the plant and random field samples for each daily production run per FDOT or County requirements (samples from the field shall be taken directly in front of the power screw feed). All deficiencies will be corrected per FDOT Standards & Specifications for Road & Bridge (2014 version). Cores may also be required to verify thickness.

23. <u>LIQUIDATED DAMAGES</u>
    If the Contractor does not arrive on site as scheduled, the County will provide the Contractor with 24-hours notice that work will be acquired elsewhere. In the event that the County acquires work elsewhere due to contractor non-performance, liquidated damages will be accessed at the actual cost difference the County incurs from the alternate supplier.

    Liquidated damages may be collected by the County by deducting damages from any outstanding invoices.

24. DEFECTIVE MATERIALS

If the contractor provides the County with any defective materials, it shall be the contractors responsibility to remove the defective materials and replace them with correct materials at their own expense. The County will not remit payment for the original materials ordered until this correction is complete.

25. ESTIMATED QUANTITIES/USAGES

Below is a listing of estimated quantities/usages as referenced in Item 1 of the Special Conditions. Please be aware that these are estimates only, and are provided to assist you in preparing your bids. The quantities below in no way guarantee any minimum or maximum amount of product or work to be purchased.

Brevard County Board of County Commissioners: Superpave 9.5 58,000; Superpave 12.5 – 14,000; FC 12.5 30,000.

The Contractor shall be responsible for preventing all asphalt paving debris from entering the storm drainage system of Brevard County. The Contractor shall use best management practices to establish inlet protection and the prevention of all unsuitable materials from entering into the storm system.

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS
INDEMNIFICATION AND INSURANCE REQUIREMENTS
ASPHALTIC CONCRETE
BID # B-4-18-50

INDEMNIFICATION

The County shall be held harmless against any and all claims for bodily injury, sickness, disease, death, personal injury, damage to property or loss of use of any property or assets resulting therefrom, arising out of or resulting from the performance of the products or from the services for which the County is contracting hereunder, provided such is caused in whole or in part by any negligent act or omission of the vendor, or any subcontractor or any of their agents or employees, or arises from a job-related injury.

The vendor agrees to indemnify the County and pay the cost of the County's legal defenses, including fees of attorneys as may be selected by the County, for all claims described in the hold harmless clause herein. Such payment on behalf of the County shall be in addition to any and all other legal remedies available to the County and shall not be considered to be the County's exclusive remedy.

It is agreed by the parties hereto that the Vendor has received specific consideration under this agreement for this hold harmless/indemnification provision.

INSURANCE REQUIREMENTS

The vendor providing services under this agreement will be required to procure and maintain, at their own expense and without cost to the County, until final acceptance by the County of all products or services covered by the purchase order or contract, the following types of insurance. The policy limits required are to be considered minimum amounts:

General Liability Insurance policy with a $1,000,000 combined single limit for each occurrence to include the following coverage: Operations, Products and Completed Operations, Personal Injury, Contractual Liability covering this contract, "X-C-U" hazards, and Errors & Omissions.

Auto Liability Insurance, which includes coverage for all owned, non-owned and rented vehicles with a $1,000,000 combined single limit for each occurrence.

Workers' Compensation and Employers Liability Insurance covering all employees of the vendor and subcontractors, as required by law.

In the event that the contract involves professional or consulting services, in addition to the aforementioned insurance requirements, the vendor shall also be protected by a Professional Liability Insurance Policy in the amount of $1,000,000 per claim.

In the event the contract involves services related to construction projects, the vendor shall also procure and maintain a Builders Risk Insurance Policy or Installation Floater with loss limits equal to the value of the construction project.

In addition to the above, Specialty Insurance policies covering specific risks of loss (including but not limited to, for example; Longshore coverage, Crane and Rigging, Inland Marine, etc.) may be required by Brevard County Insurance and Risk Management. Any additional specialty insurance coverage requirement will be dictated by the specific goods, products or services provided under the subject contract and insurance underwriting standards, practices, procedures or products available in the commercial insurance market at the time of the contract inception. The Vendor is required to procure and maintain all such specialty coverage in accordance with prudent business practices within the Vendors industry.

The awarded vendor shall have five (5) days to provide certificates of insurance to the County demonstrating that the aforementioned insurance requirements have been met prior to the commencement of work under this contract. The certificates of insurance shall indicate that the policies have been endorsed to cover the County as an additional insured (a waiver of subrogation in lieu of additional insured status on the workers compensation policy is acceptable) and that these policies may not be canceled or modified without thirty (30) days prior written notice to the County.

The insurance coverage enumerated above constitutes the minimum requirements and shall in no way lessen or limit the liability of the vendor under the terms of the contract. Sub-Contractor's insurance shall be the responsibility of the vendor.

ASPHALTIC CONCRETE
BID # B-4-18-50
CONFIRMATION OF DRUG-FREE WORKPLACE FORM

In accordance with Section 287.087, Florida Statutes, "[w]henever two or more bids are equal with respect to price, quality, and service which are received by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section."

As the person authorized to sign the statement, I certify that this firm complies with the above requirements and the Florida Statutes Section 287.087. This form is in conjunction with Brevard County's General Conditions, Item 27, Drug-Free Workplace.

Community Asphalt Corp.
Business Name

Authorized Representative's Signature

Manuel Aguiar
Name

B-4-18-50 - Asphaltic Concrete
Bid Number and Name

6/12/18
Date

Corporate Vice President
Position

ASPHALTIC CONCRETE
BID #B-4-18-50
CONDITIONS FOR EMERGENCY/HURRICANE OR DISASTER

It is hereby made a part of this Invitation to Quote that before, during and after a public emergency, disaster, hurricane, flood, or acts of God that Brevard County shall require a "first priority" basis for goods and services. It is vital and imperative that the majority of citizens are protected from any emergency situation which may threaten public health and safety, as determined by the Board of County Commissioners. Vendor/contractor agrees to rent/sell/lease all goods and services to Brevard County as opposed to a private citizen, on a first priority basis. Brevard County expects to pay a fair and reasonable price not to exceed those quoted in this quote for all products in the event of a disaster, emergency or hurricane. Vendor/contractor shall furnish a 24 hour phone number in the event of such an emergency.

I hereby understand and agree to the above statement:

x _____
(authorized signature)

Manuel Aguiar
(printed name)

Corporate Vice President
(title)

Emergency/24 hour Phone Number(s) 305-213-4553

Office Phone Number (786) 418-3561 Home Phone Number _____

Pager Number N/A Cellular Phone Number 305-213-4553

Nearest Branch Office Phone Number (786) 418-3561

and location 2975 Industrial Boulevard Vero Beach, FL 32967

Fax Number _____ Date 6/12/18

ASPHALTIC CONCRETE
BID # B-4-18-50
STATEMENT OF NO BID

NOTE: If you do not intend to bid on this requirement, please return this form to:

Brevard County Purchasing Services
2725 Judge Fran Jamieson Way, Bldg C, Suite 303
Viera, FL 32940

We the undersigned have declined to bid on your Bid No. B-4-18-50 for the following reason(s):

____ Specifications too "restrictive," i.e., geared toward one brand or manufacturer only (*please specify below*)

____ Insufficient time to respond to the Invitation to Bid

____ We do not offer this commodity/service or equivalent

____ Our product schedule would not permit us to perform

____ Specifications unclear (*please specify below*)

____ Unable to meet bond or insurance requirements

____ Remove our company from vendor database for this commodity/service

____ Other (*please specify below*)

Remarks: _____

_____

_____

_____

PLEASE PRINT

COMPANY NAME_____

COMPANY ADDRESS_____

TELEPHONE NUMBER_____

PRINTED SIGNATURE_____

AUTHORIZED SIGNATURE_____

NOTE: Failure to submit either a Bid or a Statement of No Bid may be cause for removal from the Brevard County Purchasing Services vendor database.

FDOT
Florida Department of Transportation
RICK SCOTT
GOVERNOR
605 Suwannee Street
Tallahassee, FL 32399-0450
RACHEL D. CONE
INTERIM SECRETARY

May 9, 2017

COMMUNITY ASPHALT CORP.
9675 N.W. 117 AVE.ST 108
MIAMI FL 33178

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2018. However, the new application is due **4/30/2018**.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link:
HTTPS://fdotwp1.dot.state.fl.us/ContractorPreQualification/

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:
DEBRIS REMOVAL (EMERGENCY), DRAINAGE, ELECTRICAL WORK, FENCING, FLEXIBLE PAVING, GRADING, GRASSING, SEEDING AND SODDING, HOT PLANT-MIXED BITUM. COURSES, INTERMEDIATE BRIDGES, MAJOR BRIDGE - CURVED STEEL GIRDERS, MAJOR BRIDGE - MULTI-LEVEL ROADWAYS, MINOR BRIDGES, PORTLAND CEMENT CONCRETE ROADWAY PAVING, R&R INTERMEDIATE BRIDGES ("R&R" IS REPAIR AND REHABILITATE), R&R MAJOR BRIDGE - MULTI-LEVEL ROADWAY, R&R MINOR BRIDGES, SIDEWALK, TRAFFIC SIGNAL, Retaining Wall.

Please be advised the Department of Transportation has considered your company's qualification in all work classes requested. We have evaluated your company's organization, management, work experience, work performance and adequacy of equipment as directed by section 14-22.003, Florida Administrative Code. Based on this evaluation, the Department is not able, at this time, to prequalify your company for the work classes: **MAJOR BRIDGE - CONCRETE SEGMENTAL CONSTRUCTION**.

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View."

If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Alan Autry, Manager
Contracts Administration Office

AA:cj

Brevard COUNTY
Purchasing Services

Purchasing Services
2725 Judge Fran Jamieson Way
Building C, Room 303
Viera, Florida 32940

ASPHALTIC CONCRETE
BID #B-4-18-50
June 7, 2018
Addendum 1

TO ALL PROSPECTIVE BIDDERS

This is an Addendum to and shall be considered as part of the original bid package for the above-mentioned bid. Please acknowledge receipt of Addendum 1 in space provided on Price Sheet. Bidders are requested to acknowledge receipt of this addendum with their bid.

CLARIFICATION TO QUESTIONS RECEIVED:

1. Will County municipalities piggyback this contract?

   RESPONSE: Municipalities have the option to piggyback per its discretion.

2. Does the FC-12.5 referenced contain PG 76-22 PMA?

   RESPONSE: FC 12.5 must meet the requirements of Section 337 Asphalt Concrete Friction Courses in the FDOT Standard Specifications 2014. The mix design submitted must be a current approved mix design on the FDOT website.

3. Please provide additional information regarding performance bonds required over $100,000.00. How many projects will there be over $100,000.00 each year? What is the average dollar amount of each of these projects? Which bid items will the performance bonds pertain to?

   RESPONSE: Public Works – Construction had 14 projects over $100,000.00 this year; $220,000.00 average. Any SP or FC vendor placed asphalt over $100K per project.

4. On Page 8 No.2 Agreement Period of the Asphaltic Concrete Bid, B-4-18-50 Special Conditions, it states: "The resulting agreement shall be effect for one (1) year from the date of award. Agreement shall have the option to renew for up to two (2) additional, one (1) year periods." Is the Asphaltic Concrete Bid # B-4-18-50 Price Sheet provided for the first year of this agreement?

   RESPONSE: Yes.

5. If cost increases arise after the first year, how will this be addressed?

   RESPONSE: The cost is determined ± by the Fuel & Bituminous Average Price Index.

6. Is the FDOT Fuel & Bituminous Average Price Index in effect for this bid?

   RESPONSE: Yes.

7. On Page 11 Note 13 of the Asphaltic Concrete Bid# B-4-18-50 Specifications it states: "The County will make award in accordance with General Conditions #22 on the following: ....." . What are General Conditions #22?

RESPONSE: The award will be determined using vendor placed asphalt SP-9.5, SP-12.5, FC-9.5, FC-12.5 and FOB asphalt picked up at the plant.

8. On Page 12 Note 25 Estimated Quantities/Usages of the Asphaltic Concrete Bid# B-4-18-50 Specifications it states: "Below is a listing of estimated quantities/usages as referenced in Item 1 of the Special Conditions. Please be aware that these are estimates only, and are provided to assist you in preparing your bids. The quantities below in no way guarantee any minimum or maximum amount of product of work to be purchased. Brevard County Board of County Commissioners: Superpave 9.5-58,000; Superpave 12.5- 14,000; FC12.5- 30,000." How much of the Superpave 9.5-58,000 is F.O.B. at Plant?

   RESPONSE: None.

9. Please provide a breakdown of the overall annual quantities for each bid item that was performed during each of the last three (3) years.

   RESPONSE: The quantities listed in question 8 are what we placed this year. The previous years were not approved at 55 miles.

+

Please note that the bid opening date and time remains June 12, 2018 @ 2:00 PM.

All other terms and conditions remain unchanged.

Sincerely,

Jonathan McLester, CPPO, CPPB
Purchasing Supervisor

JLM/rds

cc: file
Public Works dept.

END OF ADDENDUM NO. 1

ASPHALTIC CONCRETE
BID # B-4-18-50

PRICE SHEET

ASPHALTIC CONCRETE	DESCRIPTION	ROAD PAVING	PARKING LOTS	BIKE PATHS
Superpave SP-9.5	Vendor Delivered, Vendor Placed	$125.00 Ton	$135.00 Ton	$140.00 Ton
Superpave SP-12.5	Vendor Delivered, Vendor Placed	$120.00 Ton	$130.00 Ton	$135.00 Ton
FRICTION COURSE		**ROAD PAVING**		
Friction Course FC-5	Vendor Delivered, Vendor Placed	$184.00 Ton		
Friction Course FC-9.5	Vendor Delivered, Vendor Placed	$160.00 Ton		
Friction Course FC 12.5	Vendor Delivered, Vendor Placed	$145.00 Ton		
SPEED HUMPS SP-9.5	Vendor Delivered, Vendor Placed	$400.00 Ton		
LESS THAN 25 TN PATCHING SP-9.5	Vendor Delivered, Vendor Placed	$500.00 Ton		
25-50 TN PATCHING SP 9.5	Vendor Delivered, Vendor Placed	$300.00 Ton		
TACK FOB Gallon	FOB GALLON	$7.00 Gal		
PRIME	Vendor Delivered, Vendor Placed	$0.75 SY		
PRIM AND SAND	Vendor Delivered, Vendor Placed	$0.75 SY		
SAND 3% HOT MIX	Vendor Delivered, Vendor Placed	$175.00 Ton	$5.00 SY	
HOT ASPHALT FOR PICK UP FOB AT PLANT SP-9.5	FOR PICK UP	$74.90 Ton		
TEMPORARY STRIPING	**Vendor Schedules and Provides**	**$4.00 L.F.**		
Night Work	Cost per ton	$10.00		
Cost for Milling & Clean Up	SY 0-2,500 and under	$7.50 SY		
	SY $2,501 - 5,000	$4.00 SY		
	SY 5,001 to 15,000	$3.50 SY		
	SY 15,001 and over	$3.00 SY		
Asphalt Millings for Pickup FOB at Plant		$5.35 Ton		

Plant Locations: Vero Beach Plant: 2975 Industrial Boulevard Vero Beach, FL 32967

If primary contractor cannot meet the 72-hour availability notification, would you be willing to negotiate price and provide this service as a secondary source? X Yes / _____No

Addendum Acknowledgment:

Add. No. 1 Dated June 7, 2018 / Add. No._____Dated_____

Add. No._____Dated_____ / Add. No._____Dated_____

ASPHALTIC CONCRETE
BID # B-4-18-50

PRICE SHEET (Continued)

PROMPT PAYMENT DISCOUNT:

218.70. Bidders may offer cash discountss for prompt payment, but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whicever occurs last.

If Prompt Payment Discount is offered, please state discount terms below:

_____

Does your company accept payment via ACH? ✓ YES / _____ NO

I hereby certify that I have read and agree to all terms and conditions, specifications, and insurance requirements outlined herein:

VENDOR Community Asphalt Corp.

ADDRESS 2975 Industrial Boulevard Vero Beach, FL 32967

AUTHORIZED SIGNATURE _____

PRINTED SIGNATURE Manuel Aguiar DATE 6/12/18

TELEPHONE # (786) 418-3561 FAX # (772) 770-3707

Brevard COUNTY
Purchasing Services

Purchasing Services
2725 Judge Fran Jamieson Way
Building C, Room 303
Viera, Florida 32940

NOTICE OF AWARD

DATE: January 14, 2019

Bid # B-4-19-07/Concrete Sidewalk, Curb and Gutter

PROCUREMENT ANALYST: Jonathan McLester

VENDOR	VENDOR CITY AND STATE	MEETS MINIMUM REQUIREMENTS	ITEMS AWARDED	AWARD AMOUNT
Goodson Paving, Inc.	**Cocoa, FL**	**YES**	**ALL**	**See tabulation**

☐ BOARD AWARD--AGENDA ATTACHED

☒ APPROVED AWARD (NON-BOARD AGENDA): _____
(Per Sections III.E. & III.I. & J., BCC-25, PROCUREMENT) Steven A. Darling Jr., Purchasing Manager

☐ Award to overall lowest, most responsive bidder, minimum three responses received.
☐ Award to other than low, with low bid being non-responsive.
REASON FOR NON-RESPONSIVENESS:
☒ Award to low bid, less than three responses received.
REASON FOR LESS THAN THREE RESPONSES: 293 suppliers solicited through DemandStar, resulting in 14 planholders. Did not receive any "No Bids". Bid has historically little participation.

AWARDED BY A COMMITTEE CONSISTING OF: Steven A. Darling Jr., Purchasing Manager; Jon McLester, Purchasing Supervisor

FOR PURCHASING USE ONLY:
☐ ONE-TIME PURCHASE

☒ ANNUAL BID:
EFFECTIVE DATE: 1/14/2019 ENDING DATE: 1/13/2022
RENEWAL OPTION ☐ One year ☒ Other (fill in) Two (2), One (1) year renewals

☐ Prompt Payment Discount Offered ☐ Yes_____ (Terms) ☒NO
☐ Performance and payment bonds received with construction contract documents.
☐ Release Cashier's or Certified Check Received for Bid Deposit on Bids

SPECIAL INSTRUCTIONS TO AWARDED VENDOR:
☒ Please provide certificate of insurance.
☐ Please provide performance and payment bonds as required.
☐ OTHER:

Brevard County Purchasing Services

BID TABULATION SHEET

Bid Title: Concrete Sidewalk, Curb, & Gutter
Bid No: B-4-19-07

OPENING DATE & TIME: 12/13/2018 @ 2:00 PM
POSTING TIME/DATE: 12/21/2018 @ 10:30 PM THROUGH: 12/28/2018 @ 5:00 PM POSTED BY: JMcLester

VENDOR	VENDOR CITY/STATE	BID PRICE
Goodson Paving, Inc.	Cocoa, FL	Per attached

Bid tabulations with award recommendations are posted to VendorLink at www.myvendorlink.com or DemandStar at www.demandstar.com. Brevard County encourages prompt and fair handling of all complaints and disputes with the business community. Filing of any disputes and appeals shall be in accordance with procedures specified in bid documents.

Approval initials _____

CONCRETE SIDEWALK CONSTRUCTION, CURB & GUTTER		
Bid # B-4-19-07 PRICE SHEET		
Award will be based on the cumulative total of five sample projects chosen by Brevard County Public Works. The sample projects chosen will be available to bidders after the bid due date and time.		
ITEM #	**Description**	**Unit Price**
	GROUP A - Price by square yard	
1	CONCRETE SIDEWALK CONSTRUCTION-3000 P.S.I. (4" Fiber)/D.O.T. SPECIFICATIONS	$ 32.22
2	CONCRETE SIDEWALK CONSTRUCTION-3000 P.S.I. (6" Fiber)/D.O.T. SPECIFICATIONS square yard price to include concrete driveway aprons construction	$ 36.90
3	12" thick sidewalk per sq. yard to include Truncated Domes (Armor Tile) per ADA	$ 382.75
4	Reinforced 8" Slab w/footer per SY (See Sketch Attached)	$ 94.20
	GROUP B - price by the linear foot	
	CONCRETE CURB - INDEX 300/D.O.T. SPECIFICATIONS	
5	Type A	$ 11.25
6	Type B	$ 10.75
7	Type D/Header	$ 10.05
8	Type E	$ 14.20
9	Type F	$ 13.75
10	Drop Curb (2.0 feet wide)	$ 12.05
11	6"x6" Curb Poured On Existing Surface	$ 9.50
12	Environmental Curb	$ 10.15
	SHOULDER GUTTER - INDEX 300/D.O.T. SPECIFICATIONS	
13	3.5 Feet Wide	$ 22.70
	VALLEY GUTTER - INDEX 300/D.O.T. SPECIFICATIONS	
14	3.5 Feet Wide	$ 22.50
15	Type 1 Concrete Traffic Separator 4' Wide (Price Each)	$ 25.80
	GROUP C (Pre-fab cannot be used)	
	CURB INLET TOPS (New form and pour) per FDOT Index 210 (Price to include frame & grate or ring and covers)	
16	Type I	$ 1,575.00
17	Type II	$ 1,600.00
18	Type III	$ 1,700.00
19	Type IV	$ 1,725.00
20	Type V	$ 2,025.00
21	Type VI	$ 2,005.00
	GROUP D - Price by linear foot unless otherwise stated	
22	Aluminum Handrail - 2 rails high	62.1
23	Aluminum Handrail - 3 rails high	74.5
	Mitered end sections poured in field per FDOT Index 273 less bars: (Price by Each, less pipe)	
24	15" or equiv.	$ 325.00
25	18" or equiv.	$ 475.00
26	24" or equiv.	$ 525.00
27	30" or equiv.	$ 615.00
28	36" or equiv.	$ 825.00
29	42" or equiv.	$ 865.00
30	48" or equiv.	$ 1,025.00
	GROUP E - Cost per cubic yard	
31	Poured in place structures (Anything in DOT Index 200)	865
	Group F - Demo and MOT	
32	DEMO 6" Concrete Sidewalk (Price per Square Yard)	19.35
33	DEMO 12" Concrete Sidewalk (Price per Square Yard)	46.15
34	DEMO 6" Driveway (Price per Square Yard)	19.35
35	DEMO Curb (Price per Linear Foot)	8.6
36	Pedway Subgrade 6" thick compacted to minimum 98% density per AASHTO T-180 (Price per Square Yard)	4.2
37	Final grading for sod (Price per Square Yard)	10.5
38	MOT two lane, two way, work within the travel way, Index 603 (Price per Day)	725
39	MOT multi-lane, work within the travel way, median or outside lane, Index 613 (Price per Day)	925

SUBMIT SEALED BID TO: BREVARD COUNTY PURCHASING SERVICES 2725 JUDGE FRAN JAMIESON WAY BLDG. C, 3rd FLOOR, SUITE C-303 VIERA, FL 32940	Brevard COUNTY Purchasing Services	**INVITATION TO BID** **Bid Acknowledgment**
PROCUREMENT ANALYST: Jonathan McLester (321) 617-7390 Ext. 5-6049 jonathan.mclester@brevardfl.gov	AN EQUAL OPPORTUNITY EMPLOYER	FLORIDA TAX EXEMPT #85-8012621749C-1 FEDERAL TAX EXEMPT #59-6000523

BID SPECIFICATIONS MAY BE OBTAINED AT: Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or at the Onvia DemandStar® website and VendorLink

RELEASE DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE AND TIME:
November 15, 2018	Concrete Sidewalk, Curb and Gutter Construction	B-4-19-07	December 13, 2018 @ 2:00 p.m.

PRE-BID DATE, TIME, AND LOCATION: None Scheduled ☐ Mandatory ☐ Non-Mandatory

BIDS RECEIVED AFTER ABOVE DATE AND TIME WILL NOT BE ACCEPTED

▼VENDOR MUST COMPLETE THIS AREA AND RETURN FORM▼

LEGAL NAME OF BIDDER AND BUSINESS ADDRESS:
Goodson Paving, Inc.
430 Cidco Road
Cocoa, FL 32926

TELEPHONE NUMBER/TOLL-FREE NUMBER:
(321) 631-5523

FEDERAL ID NO. (FEIN) OR SOCIAL SECURITY NO. (SSN):
59-2872065

If returning as a "no bid," state reason:

I certify that this bid is made without prior understanding, agreement, or connections with any corporation, firm or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the County of Brevard, the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign, or transfer to the County of Brevard all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the County of Brevard. At the County's discretion, such assignment shall be made and become effective at the time the County tenders final payment to the bidder.

The bidder acknowledges that information provided in this ITB is true and correct.

X _____
AUTHORIZED SIGNATURE (*MANUAL*)

Travis Goodson
NAME (*PRINTED*)

Vice President — 12/7/18
TITLE — DATE

THIS FORM MUST BE NOTARIZED AND RETURNED WITH YOUR BID

Sworn to and subscribed before me this 7 day of December 2018

Personally known: ☑

Or produced identification: ☐ Type of ID: _____

_____ FL
SIGNATURE OF NOTARY PUBLIC — STATE

Faith Hemric
NAME OF NOTARY PUBLIC (*PRINTED*)

NOTARY PUBLIC STATE OF FLORIDA

FAITH HEMRIC
Commission # GG 118866
Expires August 13, 2021
Bonded Thru Budget Notary Services

My commission expires: _____

(AFFIX SEAL OR STAMP)

BOND DATA

VENDOR MUST PROVIDE: **AMOUNT:**

Yes ☐	No ☒	BID BOND	
Yes ☐	No ☒	PERFORMANCE BOND	
Yes ☒	No ☐	LABOR, MATERIAL, PERFORMANCE BOND	100% on Projects exceeding $100,000

In cases where the amount of a surety bond exceeds $500,000, the surety company must have an A.M. Best's rating as specified in this document, and depending on the amount of the bond, shall have a minimum A.M. Best's financial size category (FSC) ranking as follows:

BOND AMOUNT UP TO:	FINANCIAL CLASS	BOND AMOUNT UP TO:	FINANCIAL CLASS
$ 1,000,000	I	$ 25,000,000	V
$ 2,000,000	II	$ 50,000,000	VI
$ 5,000,000	III	$ 100,000,000	VII
$ 10,000,000	IV		

Bonds must be issued by a surety company who complies with the requirements of § 287.0935, Fla. Stat.

PAYMENT OF GOODS OR SERVICES PROVIDED AS A RESULT OF THIS SOLICITATION WILL BE MADE PER FLORIDA STATUTE. ALL FIRST TIME VENDORS MUST SUBMIT A W-9 FORM.

GENERAL CONDITIONS, TERMS, AND PROVISIONS

1. **DEFINITIONS:**

   a. COUNTY - The term "COUNTY" herein refers to the County of Brevard, Florida, and its duly authorized representatives.

   b. BIDDER - The term "BIDDER" used herein refers to the dealer/ manufacturer/business organization submitting a bid to the County in response to this invitation.

   c. VENDOR - The term "VENDOR" used herein refers to any dealer/manufacturer/business organization that will be awarded a contract pursuant to the terms, conditions and quotations of the bid.

   d. USING AGENCY - The term "USING AGENCY" used herein refers to any department, division, agency, commission, board, committee, authority or other unit in the County Government using supplies or procuring contractual services as provided for in the Purchasing Ordinance of the County of Brevard.

   e. HEAVY DUTY - The item(s) to which the term "HEAVY DUTY" is applied shall exceed the usual quality and/or capacity supplied with standard production equipment and shall be able to withstand unusual strain, exposure, temperature, wear and use.

   f. QUALIFIED BIDDER - The best bidder who has the capability in all respects to fully perform the bid requirements, and has the financial stability, honesty, integrity, skill, business judgment, experience, facilities, and reliability necessary to assure good faith performance of the contract, as determined by reference to the Contractor's Qualification Statement, evaluations by County staff of the bidder or its subcontractors' past performance for the Board, an any other information required by Board policies.

   g. RESPONSIVE BIDDER - A bidder who has submitted a bid, which conforms in all respects to the requirements of the bid package, including, but not limited to, submission of the bid on required forms with all required information, signatures, and notarizations at the place and time specified.

   h. DUE CAUSE – An applicable reason affecting and concerning the ability and fitness of the contractor(s) to perform to the specifications and requirements of the contract.

2. **SUBMISSION OF BIDS:** All bids shall be submitted in a sealed envelope. The bid number, title, and opening date shall be clearly displayed on the outside of the sealed envelope. The delivery of said bid to Purchasing Services prior to the specified opening date and time is solely and strictly the responsibility of the bidder. Any bids received in Purchasing after the specified date and time will not be accepted.

3. **EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the space(s) provided. Bids must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to any bid entry must be initialed. The company name and Federal Employer Identification Number (FEID) number shall appear in the space(s) provided.

4. **BID OPENING:** Bid opening shall be public on the date and time specified. Sealed bids received by an agency pursuant to invitations to bid are exempt from the provisions of subsection (1) and s. 24(a), Art. I of the State Constitution until such time as the agency provides notice of a decision or intended decision pursuant to s. 120.57(3)(a) or within 30 days after bid or proposal opening, whichever is earlier. In accordance with Florida Statute 119.071(1)(b)2, the names of the firms submitting a competitive solicitation will be read aloud at this time of the opening. No details of the competitive solicitation will be released. Bid must be submitted on forms provided by the County. No other forms will be accepted. Fax, telephone, emailed, or verbal Bids are not acceptable and will not be considered. No bid may be modified after opening. No bid may be withdrawn after opening for a period of ninety (90) days unless otherwise specified.

5. **BID TABULATIONS:** Bid tabulations are posted to the DemandStar website at: www.demandstar.com and VendorLink

6. **CLARIFICATION/CORRECTION OF BID ENTRY:** The County reserves the right to allow for the clarification of questionable entries and for the correction of OBVIOUS MISTAKES.

7. **INTERPRETATION:** No interpretation of the meaning of the specifications, or other contract documents will be made orally to any bidder. Every request for such interpretation must be in writing, addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, 3rd Floor, Suite 303 Viera, FL 32940, or emailed to the attention of the applicable Procurement Analyst. To be given consideration, such requests must be received at least five (5) business days prior to the date fixed for the opening of the bid. Any and all such interpretation and supplemental instructions will be in the form of a written addendum. Failure of any bidder to receive any such addendum or interpretation shall not relieve said bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents, whether or not the successful bidder received a copy of such addendum, it being understood that all bidders are responsible to verify that they have received any such addenda prior to submitting their bid.

8. **EEO STATEMENT:** Vendors must ensure that employees and applicants for employment are not discriminated against for reasons of race, color, age, religion, sex, national origin, or handicapped status. Minority and female-owned businesses are encouraged to participate. Brevard County is an equal opportunity employer.

9. **PRICING:** Firm prices shall be proposed and include FOB DESTINATION, all packing, handling, shipping charges, fuel surcharges and delivery, unless otherwise indicated, to any point within the County to a secure area or inside delivery. All prices, costs, and conditions shall remain firm and valid for 90 days from the date of opening. The obligations of Brevard County under this award are subject to the availability of funds lawfully appropriated for its purpose by the State of Florida and/or the Brevard County Board of County Commissioners.

10. **ADDITIONAL TERMS & CONDITIONS:** The County of Brevard reserves the right to reject bids containing any additional terms or conditions not specifically requested in the original conditions and specifications.

11. **TAXES:** The County of Brevard is exempt from Federal excise taxes and all sales taxes.

12. **DISCOUNTS:** All discounts, EXCEPT THOSE FOR PROMPT PAYMENT, shall be considered in determining the lowest net cost for bid evaluation purposes.

13. **MEETS SPECIFICATIONS:** All equipment and accessories furnished under these specifications shall be new, the latest model in current production, and shall be of good quality, workmanship, and material. The bidder represents that all equipment offered under these specifications shall meet or exceed the minimum requirements specified. Delivery specifications shall be strictly adhered to. The bidder shall be responsible for performing the work necessary to meet County standards in a safe, neat, good, and workmanlike manner.

14. **BRAND NAME OR EQUAL:** If items called for by this invitation have been identified in the specifications by a "Brand Name or Equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be acceptable. Bids offering "equal" products will be considered for award if such products are clearly identified in the bid and are determined by the County to meet fully the salient characteristics requirements listed

in the specifications. Unless the bidder clearly indicates in his bid that he is offering an "equal" product, the bid shall be considered as offering the same brand name product referenced in the specifications. If the bidder proposes to furnish an "equal" product, the brand name if any, or the product to be furnished shall be inserted in the space provided or such product shall be otherwise clearly identified. The evaluation of bids and the determination as to equality of the product offered shall be the responsibility of the County and will be based on information furnished by the bidder. Purchasing Services is not responsible for locating or securing any information, which is not identified in the bid and reasonably available to Purchasing Services. To ensure that sufficient information is available the bidder shall furnish as a part of the bid, or prior to bid opening, as indicated, all descriptive material necessary for Purchasing Services to determine whether the product offered meets the salient characteristics required by the specifications and establish exactly what the bidder proposes to furnish and what the County would be binding itself to purchase by making an award.

15. **SILENCE OF SPECIFICATIONS:** The apparent silence of the specifications and any supplemental specifications as to any details or the omission from same of any detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail and only materials of first quality be provided. All interpretations of this specification shall be made upon the basis of this statement.

16. **ASSIGNMENT:** Any purchase order (PO) issued pursuant to this bid and the moneys, which may become due hereunder is not assignable except with the prior written approval of the Purchasing Manager.

17. **INDEMNIFICATION:** The successful bidder agrees to indemnify and hold harmless the County and their employees from all claims, losses and expenses, including attorneys' fees, arising out of or resulting from the performance, failure in the performance of, or defect in, the products or services to be contracted, provided such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, death, or personal injury, or to property damage, including loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission of the vendor, any subcontractor or any of their employees, or arises from a job-related injury. The successful bidder acknowledges adequate consideration for this indemnification provision.

18. **PATENTS AND ROYALTIES:** The bidder, without exception shall indemnify and save harmless the County of Brevard and its employees from liability of any nature of kind including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County of Brevard. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any involved in the work.

19. **TRAINING:** If specified, supplier(s) may be required at the convenience of the County, to provide employees training in the operation and maintenance of any items(s) purchased from this bid.

20. **ACCEPTANCE:** Items may be tested for compliance with specification. Items delivered not conforming to specifications may be rejected and returned at vendor's expense. Those items not delivered as per delivery date in bid and/or purchase order may be purchased on the open market. Any increase in cost may be charged against the vendor. Any violations of these stipulations may also result in the vendor name being removed from the bid list and the vendor disqualified from doing business with the County.

21. **SAFETY WARRANTY:** The selling dealer, distributor, supplier, and manufacturer shall be responsible for having compiled with all Federal, State and local standards, regulations, and laws concerning the equipment specified and the use thereof, applicable and effective on the date of manufacture including safety and environmental standards as apply to both private industry and governmental agencies.

22. **WARRANTY:** The bidder agrees that, unless otherwise specified, the supplies and/or services furnished under this bid shall be covered by the most favorable commercial warranty the bidder gives to any customer for comparable quantities of such supplies and/or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the County by any other provision of this bid.

23. **AWARDS:** As the best interest of the County may require, the right is reserved to make award(s) by individual items, group of items, all or none, or a combination thereof; on a geographical basis and/or on a countywide basis with one or more suppliers; to reject any and all bids or waive any minor irregularly or technicality in bids received. Bidders are cautioned to make no assumptions unless their bid has been evaluated as being responsive and qualified. All awards made as a result of this bid shall conform to applicable ordinances of the County. The Board may return, for full credit, any unused items received which fail to meet the Board's performance standards. Brevard County reserves the right to cancel an awarded bid upon due cause—i.e., vendor misrepresentation, vendor negligence, non-performance, etc. via written notice.

24. **Unless otherwise noted in the bid document, vendors shall submit *one bid only*.**

25. **CONFLICT OF INTEREST:** The award hereunder is subject to provisions of State of Florida Statutes and Brevard County Ordinances. All Bidders must disclose with their bid the name of any officer, director, or agent who is also an employee of Brevard County. Further, all bidders must disclose the name of any County employee who owns, directly or indirectly, any interest in the proposer's firm or any of its branches.

26. **PURCHASING AGREEMENTS WITH OTHER GOVERNMENTAL ENTITIES:** Brevard County permits the awarded vendor(s) to extend the pricing, terms and conditions of this solicitation to other governmental entities at the vendor's discretion. Each governmental entity that utilizes this solicitation or resulting contract will be responsible for execution of its own requirements with the awarded vendor(s).

27. **DRUG-FREE WORKPLACE:** Whenever two or more bids, which are equal with respect to price, quality, and service, are received by Brevard County for the procurement of commodities or contractual services, a bid received from a business that has implemented a drug-free workplace program per 287.087, Fla. Stat. shall be given preference in the award process.

28. **LOBBYING STATEMENT:** All firms are hereby placed on notice the County Commission and staff shall not be contacted about this Bid. Firms and their agents are hereby placed on notice that they are not to contact members of the County Commission or staff (with the exception of designated liaison). Public meetings and public deliberations of the Selection Committee are the only acceptable forum for the discussion of merits of products/services requested by the Invitation to Bid; and written correspondence concerning Bids may be submitted to the County Manager. Each Bid will have one non-voting staff member designated who will serve as the liaison. Failure to adhere to these requirements could result in Board action to disqualify your firm from consideration of award.

29. **PUBLIC ENTITY CRIMES:** All bidders are hereby placed on notice that 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 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 contractor, supplier, subcontractor, 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 287.017 Fla. Stat. for CATEGORY TWO (currently $35,000) for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

30. **DISCRIMINATORY VENDOR LIST:** An entity or affiliate placed on the Discriminatory Vendor List shall not submit a Bid for a contract to provide goods or services to a public entity, shall not submit a Bid on a contract with a public entity for the construction or repair of a public building or perform any public work, shall not submit Bids for leases of real property to a public entity, shall not award or perform work as a contractor, supplier, subcontractor, or consultant under any contract with any public entity, and shall not transact business with any public entity per 287.134(3)(d), Fla. Stat.

31. **SCRUTINIZED COMPANIES:** Awarded Contractor shall certify that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the County may immediately terminate any Agreement at its sole option if the Contractor or its subcontractors are found to have submitted a false certification; or if the Contractor, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Agreement.

    If the Agreement is for more than one million dollars, the Contractor further certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S.

    Pursuant to Section 287.135, F.S., the County may immediately terminate this Agreement at its sole option if the Contractor, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Contractor, its affiliates, or its subcontractors are placed on the Scrutinized Companies that Boycott the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Agreement.

    The Contractor agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Agreement.

    As provided in Subsection 287.135(8), F.S., if federal law ceases to authorize these contracting prohibitions, this section shall become inoperative and unenforceable.

32. **LICENSES, CERTIFICATIONS, AND PERMITS:** The successful vendor will be required to secure, at its expense and show proof of the proper business tax receipt and/or any other license/certification required of the applicable service/work being performed. Prior to award, the apparent low bidder will be required to provide proof of license and/or certification within two (2) business days of the posted awarded recommendation and submit copies of license/certifications to the Purchasing Office. The Brevard County Contractor Licensing Regulation & Enforcement (LR&E) office is responsible for the county licensing of trades: General Building, drywall, plumbing, electric, HVAC, roofing, etc. If you have questions concerning the licensing requirements for a Brevard County contractor's license, please Contact the Brevard County LR&E office at (321) 633-2058, option 0, for any questions.

    The awarded contractor shall fully comply with all federal and state laws, county and municipal ordinances and regulations in any manner affecting the performance of the work. The successful vendor is responsible for obtaining all permits necessary to construct the project. Brevard County does not exempt itself from permitting requirements. The Owner shall pay all Brevard County permit, inspection and impact fees required for the project or services required under this contract; all other fees for permits required by agencies/municipalities other than Brevard County shall be the responsibility of the awarded Contractor. A copy of issued permit shall be provided to the User Department of the County for their records.

33. **ERRORS:** In the event of extension error(s), the unit price will prevail. In the event of addition error(s), the extended totals will prevail. In either case, the bidder's total offer will be adjusted accordingly.

34. **CANCELLATION AND REINSURANCE:** If any insurance should be canceled or changed by the insurance expiring during the period of this bid award, the vendor shall be responsible for securing other acceptable insurance to provide the coverage specified in the bid to maintain continuous coverage during the life of the award.

35. **INCURRED COST:** Brevard County is not liable for any cost incurred by any vendor prior to an award. Costs for developing a response to this request for bid are entirely the obligation of the bidder and shall not be chargeable in any manner to Brevard County.

36. **MATERIALS/SUPPLIES:** No materials or supplies for the work shall be purchased by the vendor or by any subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller.

37. **SUBCONTRACTORS:** The vendor shall be fully responsible for all acts and omissions of his subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts and omissions of persons directly employed by him.

38. **VERBAL INSTRUCTIONS:** No negotiations, decisions, or actions shall be initiated or executed by the vendor as a result of any discussions with any County employee. Only those communications, which are in writing from an authorized County representative, may be considered. Only written communications from vendors, which are assigned by a person designated as authorized to bind the company, will be recognized by the County as duly authorized expressions on behalf of the company.

39. **LITIGATION VENUE:** All litigation shall take place either in the State Courts of Florida, wherein venue shall lie in Brevard County, Florida, or in the Federal Courts wherein venue shall lie in the Middle District in and for the State of Florida. The vendor expressly waives venue in any other location.

40. **ADDITION, DELETION, OR MODIFICATION OF SERVICES:** The County reserves the right at its sole discretion to increase, decrease, or delete any portion of this agreement/contract at any time without cause, and if such right is exercised by the County, the total fee shall be reduced by a prorate basis. If work has already been accomplished on the portion of the contract to be increased, decreased, or deleted, the contractor shall be paid for the correct portion on the basis of the estimated percentage agreed upon by the County, the contractor, and the contract manager upon completion of such portion.

41. **OPERATION DURING DISPUTE:** In the event the County has not canceled the contract in accordance with the terms of the contract, and there remains a dispute between the bidder and the County, the bidder agrees to continue to operate and perform under the terms of the contract while such dispute is pending. Further, the bidder agrees that, in the event a suit is filed for injunction or other relief, it will continue to operate the system until the final adjudication of such suit by the court.

42. **CONTRACT TERMINATION:** The contract resulting from this bid shall commence upon issuance and acceptance of the fully executed contract. The County user agency shall issue orders against the contract on an as needed basis. The contract may be canceled by the vendor, for good cause, upon ninety (90) days prior written notice. The County retains the right to terminate the contract, in part or in its entirety, with or without good cause, upon thirty (30) days prior written notice or as stated herein. In the event of termination by either party as provided herein, the awarded vendor shall be paid for services performed through the date of termination.

43. **SPECIAL ACCOMMODATIONS:** In accordance with the Americans with Disabilities Act (ADA) and Section 286.26, Fla. Stat., persons with disabilities needing special accommodations to participate should contact the ADA Coordinator at (321) 633-2017 or by email at Brian.Breslin@BrevardFL.gov, and must be made no later than 48

hours prior the public meeting/hearing in order to provide the requested service.

44. **BIDDER RESPONSIBILITIES:** Bidders, by submitting a bid, certify that it understands all planning, coordinating, and implementation of the described services shall be done through personal contact between the bidder and the contract manager, and that telephone contact and mail correspondence may, in some cases, not be appropriate. County approved representatives of the bidder shall be available to meet with the contract manager, as may be required, to accomplish the County's objectives as effectively and efficiently as possible, during all phases of this agreement/contract/bid.

45. **SUPERVISION OF CONTRACT PERFORMANCE:** The bidder's performance of the contract will be notified by the contract manager. The bidder shall be notified of lack of performance in writing by the contract manager. If at any time during the term of the contract, performance satisfactory to the contract manager shall not have been made, the bidder, upon written notification by the contract manager, shall within three (3) days increase the force, tools and equipment as needed to properly perform the contract. The failure of the contract manager to file such notification shall not relieve the bidder of the obligation to perform the work at the time and in the manner specified by the contract. If the bidder does not increase the force or neglects to do the work properly, the contract manager can withhold a percentage of payment or withhold the entire dollar amount due as per the contract.

46. **MISUNDERSTANDING:** To prevent misunderstanding and any litigation, the contract manager shall decide any and all questions, which may arise concerning the quality and acceptability of the work, and services performed the sufficiency of performance, the interpretation of the provisions of the contract, and the acceptable fulfillment of the contract on the part of the bidder. The Contract Manager will determine whether or not the amount, quantity, character and quality of the work performed are satisfactory, which determination shall be final, conclusive and binding upon both the bidder and the County. The contract manager shall make such explanation as may be necessary to complete, explain, or make definite the provisions of the contract, and his findings and conclusions shall be final and binding upon both parties.

47. **GREEN PROCUREMENT POLICY:** The Board of County Commissioners approved a "green procurement" policy in March 2004 to establish procurement requirements that promote the purchase and use of Environmentally Preferred Products as defined by the United States Environmental Protection Agency. Environmentally Preferred Products (EPP) are those products and services that have a reduced effect on the human health and the environment when compared to other products and services that serve the same purpose. EPP produces encourage (1) waste reduction; (2) reduced exposure to hazardous materials; (3) natural resource conservation; and (4) energy efficiency.

48. **MONITORING OF WORK:** The bidder shall provide the contract manager with every reasonable opportunity to ascertain whether or not the work, as performed, is in accordance with the requirements of the contract. The bidder shall designate, in writing, a person to serve as liaison between the bidder and the County.

49. **PROMPT PAYMENT:** For payment promptness, Brevard County shall remit payment in accordance with the Florida Prompt Payment Act, Section 218.70, Fla. Stat., et seq. Brevard County does not expect to be billed in excess of the ordered quantity and will not pay for any quantity above the ordered quantity. Any order placed as a result of this bid will be subject to Billing Instructions and Conditions on the back of the Brevard County Purchase Order form. Bidders may offer cash discounts for prompt payment but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last. Requests for final payment for any work or services for which a permit is required shall include a copy of all required permits and copies of all required inspection reports. Failure to provide proof of acquisition of all required permits and successful completion of all required inspections shall represent an incomplete invoice and will delay payment.

50. **RIGHT TO AUDIT RECORDS:** In performance of this Agreement, the Contractor shall keep books, records, and accounts of all activities related to the Agreement, in compliance with generally accepted accounting procedures. All documents, papers, books, records, and accounts made or received by the contractor in conjunction with the Agreement and the performance of this Agreement shall be open to inspection during regular business hours by an authorized representative of the office, and shall be retained by the contractor for a period of five (5) years after termination of this Agreement—unless such records are exempt from section 24(a) of Article I of the State Constitution and section 119.07(1), Fla. Stat.

51. **UNAUTHORIZED ALIEN WORKERS:** Brevard County will not accept bids from vendors who knowingly employ unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S. Code § 1324a(e) (Section 274A(e) of the Immigration and Nationality Act "INA"). The County shall consider a vendor's intentional employment of unauthorized aliens as grounds for immediate termination of any awarded proposal. The CONSULTANT shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the CONSULTANT during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

52. **FLORIDA PUBLIC RECORDS LAW:** Both parties understand that the County is subject to the Florida Public Records Law, Chapter 119, Fla. Stat. and all other applicable Florida Statutes. If the materials provided by the Contractor do not fall under a specific exemption, under Florida or federal law, materials provided by the Contractor to the County would have to be provided to anyone making a public records request. It will be the bidder's duty to identify the information, which it deems is exempt under Florida/federal law, and identify the statute by number, which exempts that information.

    Should any person or entity make a public request of the County—which requires or would require the County to allow inspection or provide copies of records which the Contractor maintains are exempt from Public Records Law or are confidential—it shall be the Contractors obligation to provide the County within 24 hours (not including weekends and legal holidays), of notification by the County to the Contractor of the request, of the specific exemption or confidentiality provision so the County will able to comply with the requirements of Chapter 119 , Fla. Stat.

    Should the County face any kind of legal action to require or enforce inspection or production of any records provided by the Contractor to the County which the Contractor maintains are exempt or confidential from such inspection/production as a public record, then the Contractor shall hire and compensate attorney(s) who shall represent the interest of the County as well as the Contractor in defending such action. The Contractor shall also pay any costs to defend such action and shall pay any costs and attorney fees, which may be awarded pursuant to 119.12, Fla. Stat.

    All material submitted becomes the property of the County and may be returned only at the County's option. The County has the right to use any or all ideas presented in any reply to this ITB. Selection or rejection of any bid does not affect this right.

53. **PREFERENCE GIVEN TO COMMODITIES MANUFACTURED, GROWN, OR PRODUCED IN FLORIDA:** In accordance with 287.082, Fla. Stat., whenever two or more competitive sealed bids are received, one or more of which relates to commodities manufactured, grown, or

produced within this State, and whenever all things stated in such received bids are equal with respect to price, quality, and service, the commodities manufactured, grown, or produced within this State shall be given preference.

54. **COUNTY SEAL:** Use of the County Seal without the express approval of the Board of County Commissioners is a violation of 165.043, Fla. Stat. punishable as a misdemeanor.

55. **TIE BIDS:** Award of all tie quotes/bids shall be made by the Purchasing Manager in accordance with State Statutes, which allows a firm certified as a Drug-Free Workplace to have precedence. When evaluation of vendor responses to solicitations results in identical offers, with regards to bids or quotations, or identical ranking with regards to proposals, from two or more vendors, the County shall determine the order of award using the following criteria in order of preference listed below (from highest priority to lowest priority):

    a. For tie bids, quotations or proposals, priority shall be given to the vendor certifying that he/she is a Drug-Free Workplace as defined within 287.087, Fla. Stat.;

    b. In the event that a tie still exists after progressing through a–c, the decision shall be made by lot or coin toss. The drawing of lots or coin toss shall be conducted in the presence of the effected bidders if they elect to be present.

56. **VENDOR COMPLAINTS AND DISPUTES:** Brevard County encourages prompt and fair handling of all complaints and disputes with the business community. In order to resolve disputed matters in an equitable manner, the following procedures are adopted:

    a. **POSTING OF AWARD NOTICES**

    FORMAL SEALED BIDS/QUOTES: No later than three (3) business days after a bid opening the Purchasing Manager, or his/her designee, shall post a tabulation of competitive sealed bids/quotes to the www.demandstar.com and VendorLink. The apparent, responsive low bid/quote will be the intended award recommendation. If after posting the tabulation, the apparent low bid/quote is found to be non-responsive to the specifications, the formal award evaluation will be posted. The time for filing a protest will begin the date of the later posting.

    FORMAL SEALED PROPOSALS: No later than three (3) business days after the selection committee recommendations are finalized, the Purchasing Manager or his/her designee shall post the selection committee's rankings and recommended award for bids.

    b. **PROCEEDINGS**

    Any bidder, quoter, or proposer who is allegedly aggrieved in connection with the solicitation or pending award of a contract must file a formal written protest with the Purchasing Manager within five (5) business days of the posted award recommendation.

    The formal written protest shall reference the bid/quote/proposal number, and shall state with particularity the facts and laws upon which the protest is based, including full details of adverse effects and the relief sought.

    Within seven (7) calendar days of receipt of the formal written protest, the Purchasing Manager will arrange a meeting of the Protest Committee and the affected parties. The Protest Committee shall consist of two (2) Department Directors or designees, both of whom must be from an organizational group which the user department or group is not assigned; one (1) Assistant County Manager, who must be from an organizational group which the user department or group is not assigned under. The Purchasing Manager shall act as a non-voting Hearing Coordinator and the County Attorney or designee may be requested to attend as a non-voting member. The Purchasing Manager or designee record the meeting and provide any information as the committee may request. The purpose of the meeting of the Protest Committee is to provide an opportunity to: (1) review the basis of the protest, (2) evaluate the facts and merits of the bid protest, and (3) if possible, to reach a resolution of the protest that is acceptable to the affected parties. For the purpose of the Protest Committee hearing, resolution shall mean that the Protestor finds the decision of the Protest Committee acceptable.

    In the event the matter is not resolved with the Protestor's acceptance of the Protest Committee's decision, the Purchasing Manager will schedule the recommended award including the details of the protest and the Protest Committee's recommendation before the Board of County Commissioners via Board Agenda. The County Manager, prior to approval and placement on the Board agenda, may elect to resolve the matter before presentation to the Board. In the event that the County Manager cannot bring the matter to resolution, a copy of the Agenda Report shall be furnished immediately to all affected parties. The affected parties may appear before the Board of County Commissioners as a final means of administrative remedy.

    c. **STAY OF PROCUREMENTS DURING PROTESTS**

    Failure to observe any or all of the above procedures shall constitute a waiver the right to protest a contract award. In the event of a timely protest under the procedure, the County shall not proceed further with solicitation or with the award until a recommendation is made by the Committee, or a written determination is made by the County Manager that the award must be made immediately in order to protect the public interest. Invoice disputes between an awarded vendor and user agency will follow the guidelines set forth in AO-33, *Prompt Payment of Invoices*.

CONCRETE SIDEWALK, CURB AND GUTTER CONSTRUCTION
BID # B-4-19-07

SPECIAL CONDITIONS

1. PURPOSE

Brevard County Purchasing Services, on behalf of the Public Works Road and Bridge Department, is soliciting annual bids for the purchase of concrete sidewalk, concrete curb, shoulder and valley gutter, concrete traffic separations, curb inlets, fabriform and structures construction services.

The term of this contract shall be three (3) years from the date of award with the option to renew for two (2) additional one (1) year periods with the option to negotiate pricing, terms and conditions. Brevard County will notify the contractor in writing ninety (90) days prior to the expiration of the agreement as to its intent to renew the agreement. The County will award a primary and a secondary contractor.

Bid prices shall remain firm for the first twelve (12) months of this contract. The awarded contractor(s) may have an opportunity to request an annual price adjustment for the second and subsequent years of this contract. The request for price adjustment must be submitted in writing no later than ninety (90) calendar days prior to the annual anniversary of the contract start date. The request for price adjustment must include written justification (raw material price increase, labor, etc.) for the increase and a copy must be sent to the Purchasing Manager. Any approved request for price adjustment will not take effect until the anniversary of the contract start date and any such granted price adjustment will be in effect for the twelve (12) month period following the said anniversary start date. Written request for price adjustments shall not exceed the rate of inflation determined by the Consumer Price Index (CPI). Any price adjustment shall be approved by the Purchasing Manager or designee prior to the new price becoming effective.

2. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this bid, contact Jon McLester, Purchasing Services at 321-617-7390 or by email at jonathan.mclester@brevardfl.gov. Such contact shall be for clarification purposes only. Material changes, if any, to the specifications will be transmitted by written addendum through Purchasing Services and posted to the DemandStar website at Onvia DemandStar® website and VendorLink. The County will not notify bidders of addenda. It is the sole responsibility of the bidder to check the website prior to submitting a bid to verify receipt of all documents to include written addendum.

Bidders shall promptly notify Purchasing Services, prior to submission of their bid, of any ambiguity, inconsistency or error, which they may discover upon examination of the bid documents. No interpretation of the meaning of specifications or other documents will be made to any bidder orally, nor may bidder rely on any such pre-bid statements in completing the bid. Every request for such interpretation must be in writing addressed to Purchasing Services at 2725 Judge Fran Jamieson Way, Bldg. C, Suite 303, Viera, FL 32940, or emailed to the attention of Jon McLester at jonathan.mclester@brevardfl.gov. To be given consideration, such requests must be received in writing no later than five (5) business days prior to the date for opening of the bids.

3. RECEIVING OF BIDS

Bids must be received by Brevard County Purchasing Services, 2725 Judge Fran Jamieson Way, Bldg. C, Suite C303, Viera, FL 32940 **no later than December 13, 2018 at 2:00 p.m.**. Bids must be submitted on County format to be considered. **The official time clock will be the date and time stamp clock located in the Purchasing Office**.

Bids shall be submitted in one (1) original and one (1) copy with the "Original" clearly marked. Price Sheet shall be completed electronically on Excel spreadsheet. One (1) electronic copy of bid to include completed Excel spreadsheet shall be saved on compact disc (CD) or USB flash drive and included with bid submittal. Bidders must also print out a hardcopy of the completed Price Sheet, sign where indicated, and submit with the bid. **DO NOT MODIFY OR REISSUE THE PRICE SHEET; USE THE PRICE SHEET FORM PROVIDED.**

Note* Please ensure that if you use a third party carrier (DHL Express, FedEx, UPS, USPS, etc.) that they are properly instructed to deliver your bid only to Purchasing Services on the third *(3rd) floor* at the above address. **Vendors are advised that U.S. Postal Service 1st Class and Express mail is delivered to a P.O. Box and is not delivered to the Purchasing Services Office. Delivery via the USPS is at the Vendor's risk.** To be considered, **a bid must be accepted in Purchasing Services no later than the ITB closing date and time.** If the bid is delivered anywhere else, it may not reach Purchasing Services in time.

4. PRE-BID/WALK THROUGH

None scheduled

CONCRETE SIDEWALK, CURB AND GUTTER CONSTRUCTION
BID # B-4-19-07
SCOPE OF SERVICES

1. The construction to be performed under this contract will be at various locations within the County for various County departments. The purpose of these specifications is to establish standards from which the contractor may be selected to perform this work. Once the contractor has been selected, the specifications shall be a guide from which the contractor shall work.

2. Award will be based on the cumulative total of five sample projects chosen by Brevard County Public Works prior to the bid due date and time. The sample projects chosen will be available to bidders after the bid due date and time.

3. Please note that there is no minimum or maximum project size or scope. Some projects under this bid may be very small, or large in nature. If awarded this contract you must be able to mobilize and perform work regardless of the size of project. No additional mobilization fees will be paid for projects small in nature.

4. The awarded contractor for this bid must provide the Road & Bridge Department with the names of at least two (2) concrete suppliers to insure against job hold-up due to no available source of redi-mix.

5. Any jobs started during the term of this contract will be awarded to the contractor of record of this contract. The awarded contractor must agree to hold prices throughout the duration of the project.

6. All construction of sidewalks shall be in accordance with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction, Edition of 2007, Section 522 Concrete Sidewalk.

7. The contractor shall provide all labor, materials, and equipment necessary to bring the sidewalks to the level of construction required under these specifications.

8. The contractor shall provide all necessary resources for traffic control in accordance with the guidelines provided in "Traffic Controls in Construction and Maintenance Work Zones", and "Manual on Traffic Controls & Safe Practices for Street and Highway Construction".

9. Contractor must provide a minimum of 24 hours' notice prior to leaving job site.

10. Contractor will be responsible for the removal of all related construction debris within 48 hours after finishing concrete work.

11. Contractor shall be responsible for dewatering unless prior arrangements have been arranged with Brevard County.

12. The County shall clear and bring to grade (within +6 inches) all areas upon which sidewalks are to be placed. The County will provide the contractor a single point of contact for scheduling and coordinating all work performed under these specifications.

13. Labor/Material/Performance Bond will be required on each project in excess of $100,000.00. This bond is 100% of the project cost. Due to the unsure nature of this bonding requirement, the cost of bonding is to be borne by the County and should not be included in the bid price. However, to be qualified, the bidder must have sufficient bonding capability to cover all projects in this program.

14. Brevard County requires that the awarded contractor perform a minimum of 50% of all work with in-house staff.

15. The use of sub-contractors must be approved by Brevard County Public Works, Road & Bridge department. In the event that the awarded contractor wishes to use a sub-contractor, they must provide the Road & Bridge department with a minimum of three (3) references for that sub-contractor for work previously performed of comparable scope. Brevard County Public Works, Road and Bridge will have sole discretion as to whether the sub-contractor may or may not be used. The awarded contractor is responsible for performing regardless of whether or not a sub-contractor is allowed.

16. DEFECTIVE WORK – The Contractor will be responsible for removing any defective work and replacing it. If the Contractor is unable to remove the defective work, the County will do so and the Contractor will be responsible for reimbursing the County for labor and equipment.

17. If the Primary Contractor is unable to respond within 48 hours, the County will proceed with the Secondary Contractor.

CONCRETE SIDEWALK CONSTRUCTION, CURB & GUTTER		
Bid # B-4-19-07 PRICE SHEET		
Award will be based on the cumulative total of five sample projects chosen by Brevard County Public Works. The sample projects chosen will be available to bidders after the bid due date and time.		
ITEM #	**Description**	**Unit Price**
	GROUP A - Price by square yard	
1	CONCRETE SIDEWALK CONSTRUCTION-3000 P.S.I. (4" Fiber)/D.O.T. SPECIFICATIONS	$ 32.22
2	CONCRETE SIDEWALK CONSTRUCTION-3000 P.S.I. (6" Fiber)/D.O.T. SPECIFICATIONS square yard price to include concrete driveway aprons construction	$ 36.90
3	12" thick sidewalk per sq. yard to include Truncated Domes (Armor Tile) per ADA	$ 382.75
4	Reinforced 8" Slab w/footer per SY (See Sketch Attached)	$ 94.20
	GROUP B - price by the linear foot	
	CONCRETE CURB - INDEX 300/D.O.T. SPECIFICATIONS	
5	Type A	$ 11.25
6	Type B	$ 10.75
7	Type D/Header	$ 10.05
8	Type E	$ 14.20
9	Type F	$ 13.75
10	Drop Curb (2.0 feet wide)	$ 12.05
11	6"x6" Curb Poured On Existing Surface	$ 9.50
12	Environmental Curb	$ 10.15
	SHOULDER GUTTER - INDEX 300/D.O.T. SPECIFICATIONS	
13	3.5 Feet Wide	$ 22.70
	VALLEY GUTTER - INDEX 300/D.O.T. SPECIFICATIONS	
14	3.5 Feet Wide	$ 22.50
15	Type 1 Concrete Traffic Separator 4' Wide (Price Each)	$ 25.80
	GROUP C (Pre-fab cannot be used)	
	CURB INLET TOPS (New form and pour) per FDOT Index 210 (Price to include frame & grate or ring and covers)	
16	Type I	$ 1,575.00
17	Type II	$ 1,600.00
18	Type III	$ 1,700.00
19	Type IV	$ 1,725.00
20	Type V	$ 2,025.00
21	Type VI	$ 2,005.00
	GROUP D - Price by linear foot unless otherwise stated	
22	Aluminum Handrail - 2 rails high	62.1
23	Aluminum Handrail - 3 rails high	74.5
	Mitered end sections poured in field per FDOT Index 273 less bars: (Price by Each, less pipe)	
24	15" or equiv.	$ 325.00
25	18" or equiv.	$ 475.00
26	24" or equiv.	$ 525.00
27	30" or equiv.	$ 615.00
28	36" or equiv.	$ 825.00
29	42" or equiv.	$ 865.00
30	48" or equiv.	$ 1,025.00
	GROUP E - Cost per cubic yard	
31	Poured in place structures (Anything in DOT Index 200)	865
	Group F - Demo and MOT	
32	DEMO 6" Concrete Sidewalk (Price per Square Yard)	19.35
33	DEMO 12" Concrete Sidewalk (Price per Square Yard)	46.15
34	DEMO 6" Driveway (Price per Square Yard)	19.35
35	DEMO Curb (Price per Linear Foot)	8.6
36	Pedway Subgrade 6" thick compacted to minimum 98% density per AASHTO T-180 (Price per Square Yard)	4.2
37	Final grading for sod (Price per Square Yard)	10.5
38	MOT two lane, two way, work within the travel way, Index 603 (Price per Day)	725
39	MOT multi-lane, work within the travel way, median or outside lane, Index 613 (Price per Day)	925

Addendum Acknowledgment:

Add. No. 1 Dated 12/11/18 / Add. No. ____ Dated _____

Add. No. ____ Dated _____ / Add. No. ____ Dated _____

If awarded vendor cannot meet the 24-hour availability notification, are you willing to provide these services as a secondary source? _____ YES / _____NO

Brevard County shall remit payment in accordance with the Florida Prompt Payment Act, FL. Statutes Section 218.70. Bidders may offer cash discounts for prompt payment, but they will not be considered in determination of award. If a bidder offers a discount, it is understood that the discount time will be form the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last. IF PROMPT PAYMENT DISCOUNT IS OFFERED, PLEASE STATE THE DISCOUNT AND TERMS:

_____

Do you accept payments via ACH? ____YES / ✓ NO

I Hereby acknowledge that I have read, understand, and agree to all terms, conditions, insurance, specifications and pricing for Bid # B-4-19-07/Concrete Sidewalks, Curbs, and Gutters:

VENDOR NAME Goodson Paving, Inc.

ADDRESS 630 Cidco Road, Cocoa, FL 32926

AUTHORIZED SIGNATURE _____

PRINTED SIGNATURE Travis Goodson DATE 12/7/18

PHONE # 321-631-5523 FAX # 321-639-0497

EMAIL ADDRESS goodsonpaving@gmail.com

Brevard COUNTY
Purchasing Services

Purchasing Services
2725 Judge Fran Jamieson Way
Building C, Room 303
Viera, Florida 32940

Concrete Sidewalk, Curb and Gutter Construction
BID #B-4-19-07
December 11, 2019
Addendum 1

TO ALL PROSPECTIVE BIDDERS

This is an Addendum to and shall be considered as part of the original bid package for the above-mentioned bid. Please acknowledge receipt of Addendum 1 in space provided on Price Sheet. Bidders are requested to acknowledge receipt of this addendum with their bid.

CLARIFICATION:

1. Page 7, Bidders Checklist – "Signed Minimum Machine Specifications" is not a required submittal. It is not applicable to this bid.

2. Price Sheet, Item #15, Type 1 Concrete Traffic Separator 4' Wide should be bid per Linear Foot. Price sheet mistakenly says "Price Each." Please bid Linear Foot.

Please note that the quote opening date and time is changed to December 17, 2018 at 2:00 pm.

All other terms and conditions remain unchanged.

Sincerely,

Jon McLester, CPPO, CPPB
Procurement Supervisor, Central Services

cc: file

END OF ADDENDUM 1

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS
INDEMNIFICATION AND INSURANCE REQUIREMENTS
CONCRETE SIDEWALK, CURB AND GUTTER CONSTRUCTION
BID # B-4-19-07

INDEMNIFICATION

The County shall be held harmless against any and all claims for bodily injury, sickness, disease, death, personal injury, damage to property or loss of use of any property or assets resulting therefrom, arising out of or resulting from the performance of the products or from the services for which the County is contracting hereunder, provided such is caused in whole or in part by any negligent act or omission of the vendor, or any subcontractor or any of their agents or employees, or arises from a job-related injury.

The vendor agrees to indemnify the County and pay the cost of the County's legal defenses, including fees of attorneys as may be selected by the County, for all claims described in the hold harmless clause herein. Such payment on behalf of the County shall be in addition to any and all other legal remedies available to the County and shall not be considered to be the County's exclusive remedy.

It is agreed by the parties hereto that the Vendor has received specific consideration under this agreement for this hold harmless/indemnification provision.

INSURANCE REQUIREMENTS

The vendor providing services under this agreement will be required to procure and maintain, at their own expense and without cost to the County, until final acceptance by the County of all products or services covered by the purchase order or contract, the following types of insurance. The policy limits required are to be considered minimum amounts:

General Liability Insurance policy with a $1,000,000 combined single limit for each occurrence to include the following coverage: Operations, Products and Completed Operations, Personal Injury, Contractual Liability covering this contract, "X-C-U" hazards, and Errors & Omissions.

Auto Liability Insurance, which includes coverage for all owned, non-owned and rented vehicles with a $1,000,000 combined single limit for each occurrence.

Workers' Compensation and Employers Liability Insurance Workers Compensation insurance providing statutory benefits as required in the State of Florida. The Contractor shall require any subcontractor to provide evidence of this coverage. Additionally, if the contract requires working on or around a navigable waterway, the Contractor and all subcontractors shall provide evidence of United States Longshoremen's and Harbor Workers (USL&H) coverage and contingent coverage of Jones Act (Marine Employers Liability) in compliance with Federal statutes or proof of exemption. The Contractor shall be responsible for compliance with these requirements by each subcontractor, vendor or supplier when required.

In the event that the contract involves professional or consulting services, in addition to the aforementioned insurance requirements, the vendor shall also be protected by a Professional Liability Insurance Policy in the amount of $1,000,000 per claim.

In the event the contract involves services related to construction projects, the vendor shall also procure and maintain a Builders Risk Insurance Policy or Installation Floater with loss limits equal to the value of the construction project.

In addition to the above, Specialty Insurance policies covering specific risks of loss (including but not limited to, for example; Longshore coverage, Crane and Rigging, Inland Marine, etc.) may be required by Brevard County Insurance and Risk Management. Any additional specialty insurance coverage requirement will be dictated by the specific goods, products or services provided under the subject contract and insurance underwriting standards, practices, procedures or products available in the commercial insurance market at the time of the contract inception. The Vendor is required to procure and maintain all such specialty coverage in accordance with prudent business practices within the Vendors industry.

The awarded vendor shall have five (5) days to provide certificates of insurance to the County demonstrating that the aforementioned insurance requirements have been met prior to the commencement of work under this contract. **The certificate(s) of insurance (COI) shall indicate that the policies have been endorsed to cover the County as an additional insured (a waiver of subrogation in lieu of additional insured status on the workers' compensation policy is acceptable)** and that these policies may not be canceled or modified without thirty (30) days prior written notice to the County.

The insurance coverage enumerated above constitutes the minimum requirements and shall in no way lessen or limit the liability of the vendor under the terms of the contract. Sub-Contractor's insurance shall be the responsibility of the vendor.

CONCRETE SIDEWALK, CURB AND GUTTER CONSTRUCTION
BID # B-4-19-07
CONFIRMATION OF DRUG-FREE WORKPLACE FORM

In accordance with Section 287.087, Florida Statutes, "[w]henever two or more bids are equal with respect to price, quality, and service which are received by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

(1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

(2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

(3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

(4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.

(5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.

(6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section."

As the person authorized to sign the statement, I certify that this firm complies with the above requirements and the Florida Statutes Section 287.087. This form is in conjunction with Brevard County's General Conditions, Item 27, Drug-Free Workplace.

Goodson Paving, Inc.
Business Name

Concrete Sidewalk, Curb and Gutter Construction #B-4-19-07
Bid Number and Name

Authorized Representative's Signature

12/7/18
Date

Travis Goodson
Name

Vice President
Position

CONCRETE SIDEWALK, CURB AND GUTTER CONSTRUCTION
BID # B-4-19-07
FORM OF PERFORMANCE BOND

BY THIS BOND, We _____, as Principal and _____a corporation as Surety, are bound to Brevard County Board of County Commissioners, Brevard County, Florida, herein called "Owner," in the sum of _____ Dollars and no cents ($_____), for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigned, jointly and severally.

THE CONDITIONS OF THIS BOND are that if Principal:

1. Performs promptly, completely and faithfully the contract dated _____, 20____, between Principal and Owner for supply and implementation of the _____, the contract being attached hereto and made a part of this bond by reference, in such time and without delay, and in the manner prescribed in the contract including the delivery, execution and performance of any warranty work required by the contract; and

2. Pays Owner all losses, damages, expenses, costs, and attorney's fees, including appellate proceedings, that Owner sustains because of a default by Principal under the contract; and

3. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.

Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond.

Signed and sealed this _____ day of _____, 20____.

PRINCIPAL	**SURETY**
Company: _____	Company: _____
Print Name: _____	Print Name: _____
Title: _____	Title: _____
(Corporate Seal of PRINCIPAL below)	(Corporate Seal of SURETY below)

CONCRETE SIDEWALK, CURB AND GUTTER CONSTRUCTION
BID # B-4-19-07
REFERENCE FORM

List a minimum of three (3) / maximum five (5) customers for the services specified in the solicitation in the spaces provided.

Note: A contact person shall be someone who has personal knowledge of the bidder's performance for the specific requirement listed. Contact person must have been informed that they are being used as a reference and that the County may be calling them. Do no list persons who will be unable to answer specific questions regarding the requirements.

Ref #1. Customer/Client: M. H. Williams Const Group
Date of Services: 1988 - Current
Description of Services: Site development, Underground, paving, Concr. work
Street Address: 2287 W. Eau Gallie Blvd
City, State, ZIP Code: Melbourne, Fl 32935
Telephone #: 321-757-5150 Fax #: 321-757-5660
Contact Person: Mike Williams Jr. Email:

Ref #2. Customer/Client: MEC Contractors
Date of Services: 2012 - Current
Description of Services: Site development, underground, paving, Concr. work
Street Address: 7607 Coral Dr.
City, State, ZIP Code: W. Melbourne, Fl 32904
Telephone #: 321-723-5661 Fax #: 321-951-1952
Contact Person: Gary Neal Email: gary@mecconstruction.com

Ref #3. Customer/Client: W & J Construction
Date of Services: 1988 - Current
Description of Services: Site development, underground, paving, Concr. work
Street Address: 1038 Havana Way, Ste. 126
City, State, ZIP Code: Rockledge, Fl 32955
Telephone #: 321-631-5523 Fax #: 321-632-5927
Contact Person: Eric Costin Email: eric@wjconstruction.com

Ref #4. Customer/Client: Doug Wilson Enterprises
Date of Services: 1988 - Current
Description of Services: Site development, underground, paving, Concr. work
Street Address: 6121 N. Atlantic Ave., #102
City, State, ZIP Code: Cape Canaveral, Fl 32920
Telephone #: 321-783-0903 Fax #: 321-783-7941
Contact Person: Email:

Ref #5. Customer/Client:
Date of Services:
Description of Services:
Street Address:
City, State, ZIP Code:
Telephone #: Fax #:
Contact Person: Email:

BIDDER NAME Goodson Paving, Inc.
ADDRESS 630 Cidco Road, Cocoa, Fl 32926
PRINTED SIGNATURE Travis Goodson
AUTHORIZED SIGNATURE
TELEPHONE # 321-631-5523 FAX# 321-639-0497 DATE 12/7/18
EMAIL: goodsonpaving@gmail.com

BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

CONFIRMATION OF E-VERIFY PARTICIPATION FORM

In accordance with BCC Policy 25 all vendors that conduct business with Brevard County are required to be registered with and utilize the U.S. Department of Homeland Security's E-Verify System in accordance with the terms governing use of the system.

1. The County shall not enter into, or renew, a contract for goods or services with a Vendor/contractor that is not enrolled into E-Verify. Any Vendor/contractor providing goods or services to the County shall be contractually required to utilize E-Verify to confirm the employment eligibility of any employee hired during the term of the contract.
2. Vendors/contractors shall provide acceptable evidence of their enrollment at the time of the submission of the vendor's/contractor's bid/quote/proposal. Acceptable evidence shall include, but not be limited to, a copy of the fully executed E-Verify Memorandum of Understanding for the business and/or a signed copy of this affidavit.
3. All vendors/contractors must meet this requirement unless:
    a. The contract is solely for goods-based procurement where no services are provided; or
    b. Where the requirement is waived by the Board of County Commissioners.
4. A vendor/contractor who registers with and participates in the E-Verify program may not be barred or penalized under BCC Policy 25(3)(V) if, as a result of receiving inaccurate verification information from the E-Verify program, the contractor hires or employs a person who is not eligible for employment.
5. Vendors/contractors shall expressly require any contractor or subcontractor performing work or providing services pursuant to the County contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.
6. Nothing in BCC Policy 25(3)(V) may be construed to allow intentional discrimination of any class protected by law.

As the person authorized to sign the statement, I certify that this firm complies with the above requirements and the BCC-25. This form is in conjunction with Brevard County's General Conditions, Unauthorized Alien Workers.

Goodson Paving, Inc.
Business Name

Concrete Sidewalk, Curb and Gutter Construction
#B-A-19-07
Bid Number and Name

Authorized Representative's Signature

12/4/18
Date

Travis Goodson
Name

Vice President
Position

CONCRETE SIDEWALK, CURB AND GUTTER CONSTRUCTION
BID # B-4-19-07
STATEMENT OF NO BID

NOTE: If you do not intend to bid on this requirement, please return this form to:

Brevard County Purchasing Services
2725 Judge Fran Jamieson Way, Bldg C, Suite 303
Viera, FL 32940

We the undersigned have declined to bid on your Bid No. B-4-19-07 for the following reason(s):

____ Specifications too "restrictive," i.e., geared toward one brand or manufacturer only (*please specify below*)

____ Insufficient time to respond to the Invitation to Bid

____ We do not offer this commodity/service or equivalent

____ Our product schedule would not permit us to perform

____ Specifications unclear (*please specify below*)

____ Unable to meet bond or insurance requirements

____ Remove our company from vendor database for this commodity/service

____ Other (*please specify below*)

Remarks: _____

_____

_____

_____

PLEASE PRINT

COMPANY NAME_____

COMPANY ADDRESS_____

TELEPHONE NUMBER_____

PRINTED SIGNATURE_____

AUTHORIZED SIGNATURE_____

NOTE: Failure to submit either a Bid or a Statement of No Bid may be cause for removal from the Brevard County Purchasing Services vendor database.

Form **W-9**
(Rev. November 2017)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ **Go to *www.irs.gov/FormW9* for instructions and the latest information.**

Give Form to the requester. Do not send to the IRS.

Print or type. See **Specific Instructions** on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

Goodson Paving, Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☑ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

630 Cidco Road

6 City, state, and ZIP code

Cocoa, FL 32926

Requester's name and address (optional)

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN,* later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

5	9	–	2	8	7	2	0	6	5

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ [signature] Date ▶ 12/7/18

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9.*

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

Legislation Details (With Text)

File #:	19-420	**Version:**	1	**Name:**	August, 2019 Monthly Purchasing Approval Information
Type:	Informational Item			**Status:**	Agenda Ready
File created:	8/29/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Council request to review the cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2018 to 08/31/2019. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	PO Monthy Report to City Council 10.01.18 thru 08.31.19.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date:	September 1, 2019
Agenda Date:	September 25, 2019
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 10/01/2018 to 08/31/2019**.**

BACKGROUND:

The following reports for the period October 01, 2018 through August 31, 2019 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 10-01-18 thru 08-31-19

$35,000 to $50,000 Recap Sheet

Total Purchase Orders Issued = 41

City Manager = 22

City of Cocoa CRA Board = 0

City Council = 19

Purchase Order Approvals 10-01-18 thru 08-31-19
$35,000 to $50,000 By City Manager

PO #	PO Date	Vendor	PO Amount	Approval Date	By Whom
73571	10/23/2018	Verizon Wireless	$ 48,360.00	10/22/2018	Matthew J. Fuhrer (Acting)
73649	10/26/2018	Garganese, Weiss, D'Agresta	$ 35,000.00	10/26/2018	John A. Titkanich, Jr. AICP
73653	10/26/2018	G4S Secure Solutions	$ 49,567.00	10/26/2018	John A. Titkanich, Jr. AICP
73655	10/26/2018	Trane Orlando	$ 45,650.00	10/26/2018	John A. Titkanich, Jr. AICP
73731	11/5/2018	Ring Power	$ 42,589.00	10/30/2018	John A. Titkanich, Jr. AICP
73786	11/14/2018	Insource Software	$ 38,939.70	11/9/2018	John A. Titkanich, Jr. AICP
73826	11/20/2018	Champion Solutions	$ 44,674.22	11/19/2018	John A. Titkanich, Jr. AICP
73848	11/27/2018	Carollo Engineers Inc.	$ 45,370.99	11/21/2018	John A. Titkanich, Jr. AICP
73906	12/4/2018	Pro Co Inc.	$ 35,280.00	12/4/2018	John A. Titkanich, Jr. AICP
73926	12/7/2018	S&L Materials	$ 35,000.00	12/6/2018	John A. Titkanich, Jr. AICP
73977	12/12/2018	Robinson Equipment	$ 37,423.13	12/11/2018	John A. Titkanich, Jr. AICP
74015	12/26/2018	Ferguson Enterprises Inc.	$ 42,800.00	12/21/2018	John A. Titkanich, Jr. AICP
74097	1/14/2019	Bussen Mayer Engineering Group	$ 37,515.00	1/14/2019	John A. Titkanich, Jr. AICP
74152	1/25/2019	CH2M Hill Engineers Inc.	$ 39,606.00	1/24/2019	John A. Titkanich, Jr. AICP
74153	1/25/2019	CDM Smith Inc.	$ 42,680.00	1/24/2019	John A. Titkanich, Jr. AICP
74186	2/1/2019	CDM Smith Inc.	$ 40,960.00	1/31/2019	John A. Titkanich, Jr. AICP
74249	2/13/2019	Carollo Engineers Inc.	$ 38,540.00	2/13/2019	John A. Titkanich, Jr. AICP
74412	3/19/2019	Tyler Technologies	$ 43,256.00	3/19/2019	John A. Titkanich, Jr. AICP
74413	3/19/2019	CH2M Hill Engineers Inc.	$ 40,611.00	3/19/2019	John A. Titkanich, Jr. AICP
74421	3/21/2019	DMD Consultants	$ 49,984.00	3/21/2019	John A. Titkanich, Jr. AICP
74901	7/22/2019	Mead & Hunt	$ 44,444.50	7/19/2019	Samantha Senger (Acting)
74917	7/22/2019	Florida Mulch	$ 49,896.00	7/19/2019	Samantha Senger (Acting)

22 Purchase Order Approved by City Manager

Prepared by Purchasing 8/30/2019

Purchase Order Approvals 10-01-18 thru 08-31-19
$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 8/30/2019

Purchase Order Approvals 10-01-18 thru 08-31-19
$35,000 to $50,000 By City Council

PO #	PO Date	Vendor	PO Amount	Approval Date	By Whom
73370	10/8/2018	Flowers Chemical Laboratories	$ 41,754.00	9/25/2018	City Council
73401	10/9/2018	Moore Stephens Lovelace	$ 40,000.00	7/10/2018	City Council
73413	10/10/2018	Moore Stephens Lovelace	$ 40,000.00	7/10/2018	City Council
73448	10/15/2018	Industrial Chemicals	$ 35,200.00	9/25/2018	City Council
73501	10/18/2018	United Self Insured Services	$ 50,000.00	8/22/2017	City Council
73524	10/18/2018	Lisa Cullen Tax Collector	$ 39,600.00	4/28/2018	City Council
73590	10/23/2018	Water Resource Assoc.	$ 49,520.00	11/14/2017	City Council
73648	10/26/2018	Axon Enterprises	$ 49,902.00	10/24/2017	City Council
73711	11/5/2018	Empire Computing	$ 47,876.80	10/10/2018	City Council
73714	11/5/2018	Florida Power & Light	$ 35,270.00	10/10/2018	City Council
73723	11/5/2018	Sunstate Meter and Supply	$ 35,836.00	10/28/2014	City Council
73728	11/5/2018	FL Dept of Corrections	$ 43,122.75	12/2/2017	City Council
73759	11/7/2018	Sunstate Meter and Supply	$ 43,350.00	10/28/2014	City Council
73903	12/4/2018	Integrity Public Finance	$ 37,500.00	11/28/2019	City Council
73969	12/12/2018	Alan Jay Chevrolet	$ 39,291.25	11/28/2018	City Council
74017	12/26/2018	Space Coast Auto Supply	$ 37,200.00	7/24/2018	City Council
74037	12/26/2018	JSR Enterprises	$ 47,334.00	7/24/2018	City Council
74864	7/15/2019	Brev Cty Bd of Cty Comm	$ 50,000.00	11/27/2012	City Council
74996	8/15/2019	Brev Cty Bd of Cty Comm	$ 43,861.00	7/24/2019	City Council

19 Purchase Order Approved by City Council

Prepared by Purchasing 8/30/2019

Legislation Details (With Text)

File #:	19-436	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	9/9/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	Cocoa Police Department District Event Statistics for the month of July, 2019. (Chief of Police)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	JUL 2019 Council Report by District .pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 9, 2019
Agenda Date: September 25, 2019
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 Uniform Crime reportable. Attached is the report for July 2019.

STRATEGIC PLAN CONNECTION:

Crime - Public Safety

BUDGETARY IMPACT:

None

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Cocoa Police Department District Event Statistics for Council Information

Cocoa Police Department
Council Report

July 2019

Prepared by Dailaity Henson

Contents

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Total Patrol Checks and Case Reports for the City of Cocoa 4
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District 3 Case Reports 7
District 4 Case Reports 8
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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

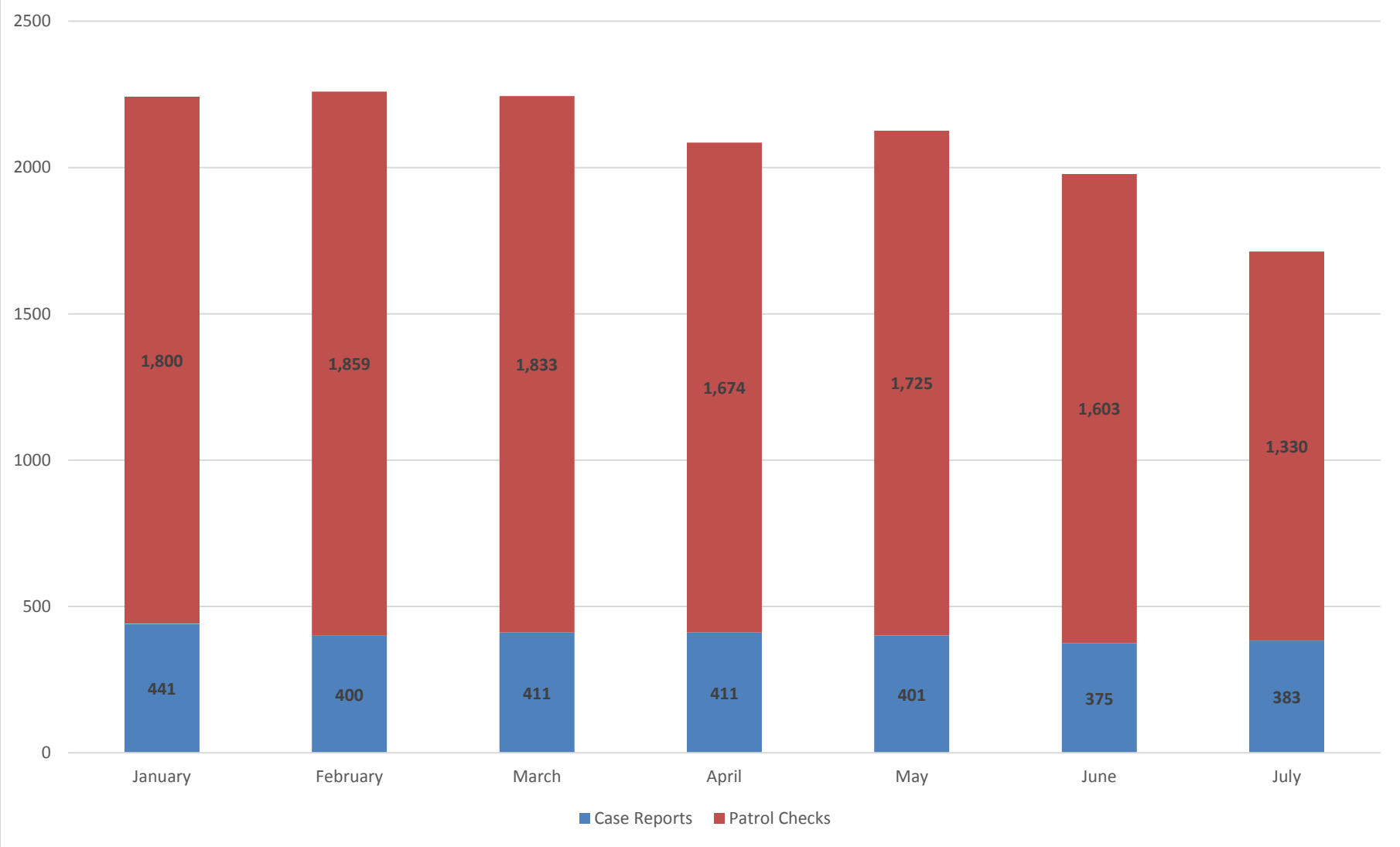
Findings Summary

The purpose of this report is to provide Council with an overview of incidents and case reports for July 2019. This report includes a line graph illustrating the total number of UCR Offenses by month for years 2017, 2018 and 2019.

- 4,140 incidents
- 383 Case Reports (9% of incidents)
  - 258 Criminal Case Reports (67% of all case reports)
  - 125 Non-Criminal Case Reports (33% of case reports)
  - 82 Criminal Case Reports were closed by Arrests/Capias Requests (31% of criminal case reports)
  - 7 Non-Criminal Case Reports were closed by Arrests/Capias Request (1% of non-criminal cases reports)
- 1,330 incidents were initiated by police officers (32%)
- District 1 experienced the most cases with a total of 147
- District 3 experienced the fewest cases with a total of 49
- Stolen Vehicle offenses have decreased by 80% from the previous month
- Burglary Offenses have decreased by 27% from the previous month
- Robbery Offenses have increased by 57% from the previous month
- Overall, UCR offenses have increased from the previous month by 7%

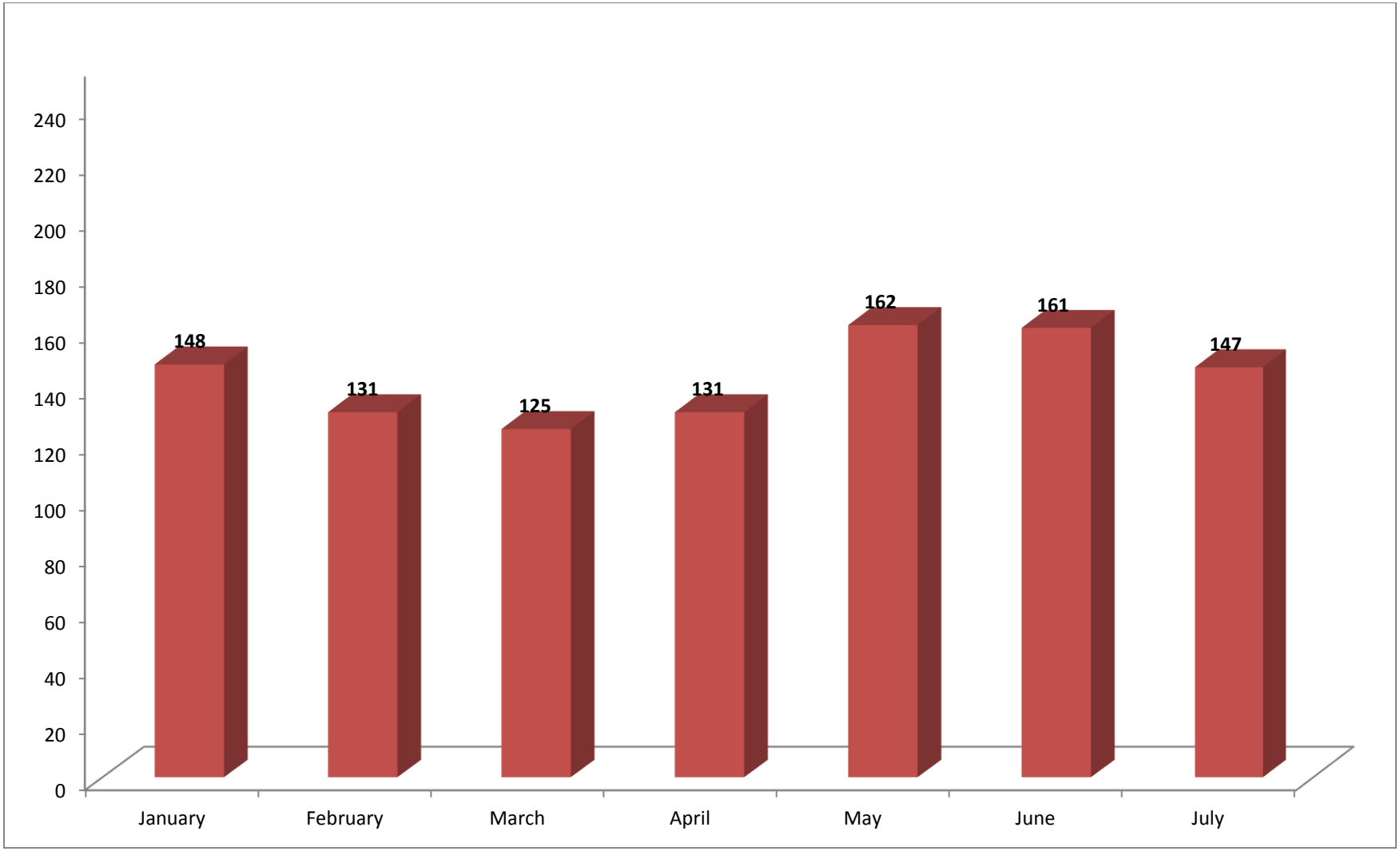
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Total Patrol Checks and Case Reports for the City of Cocoa



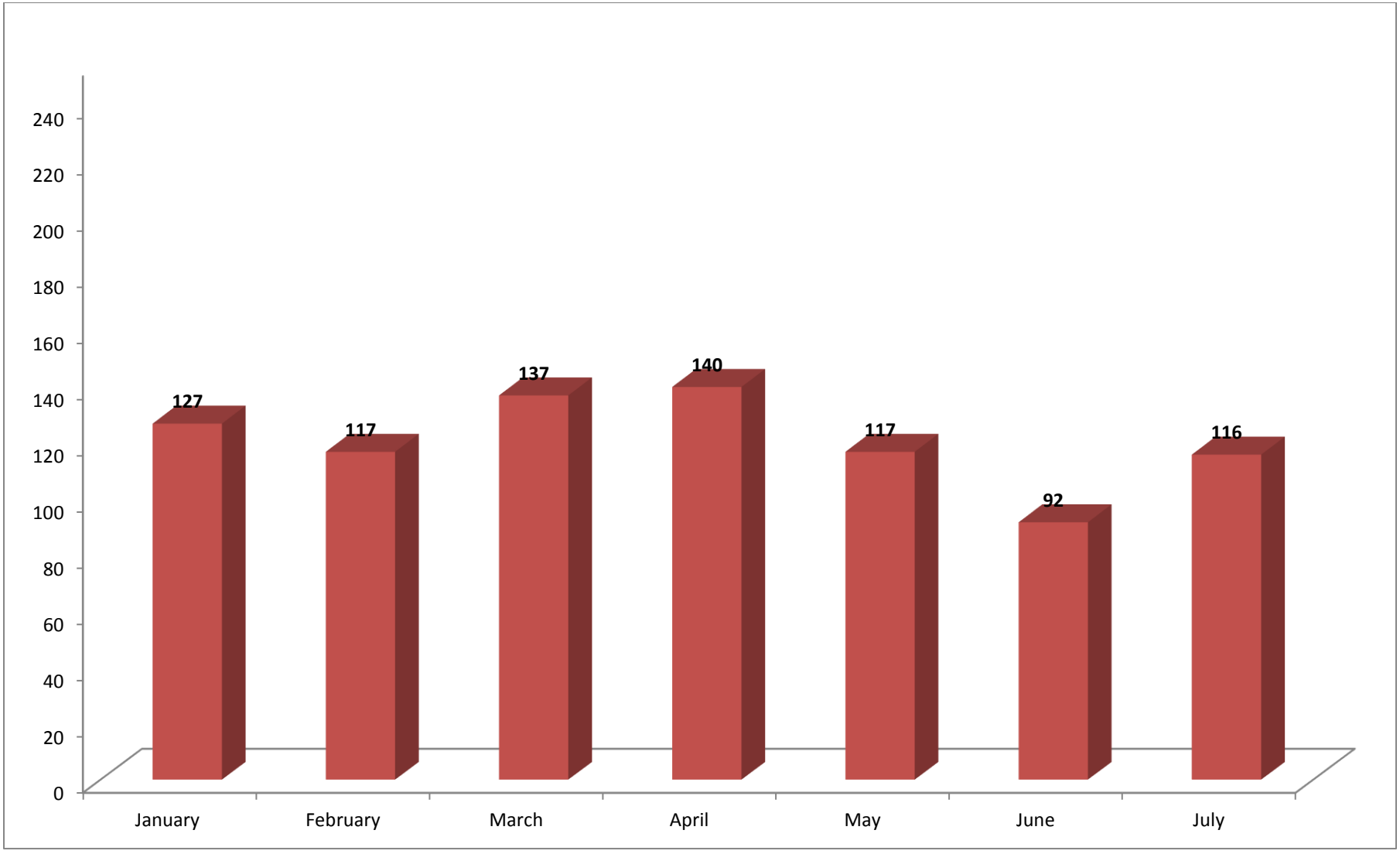
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

District 1 Case Reports



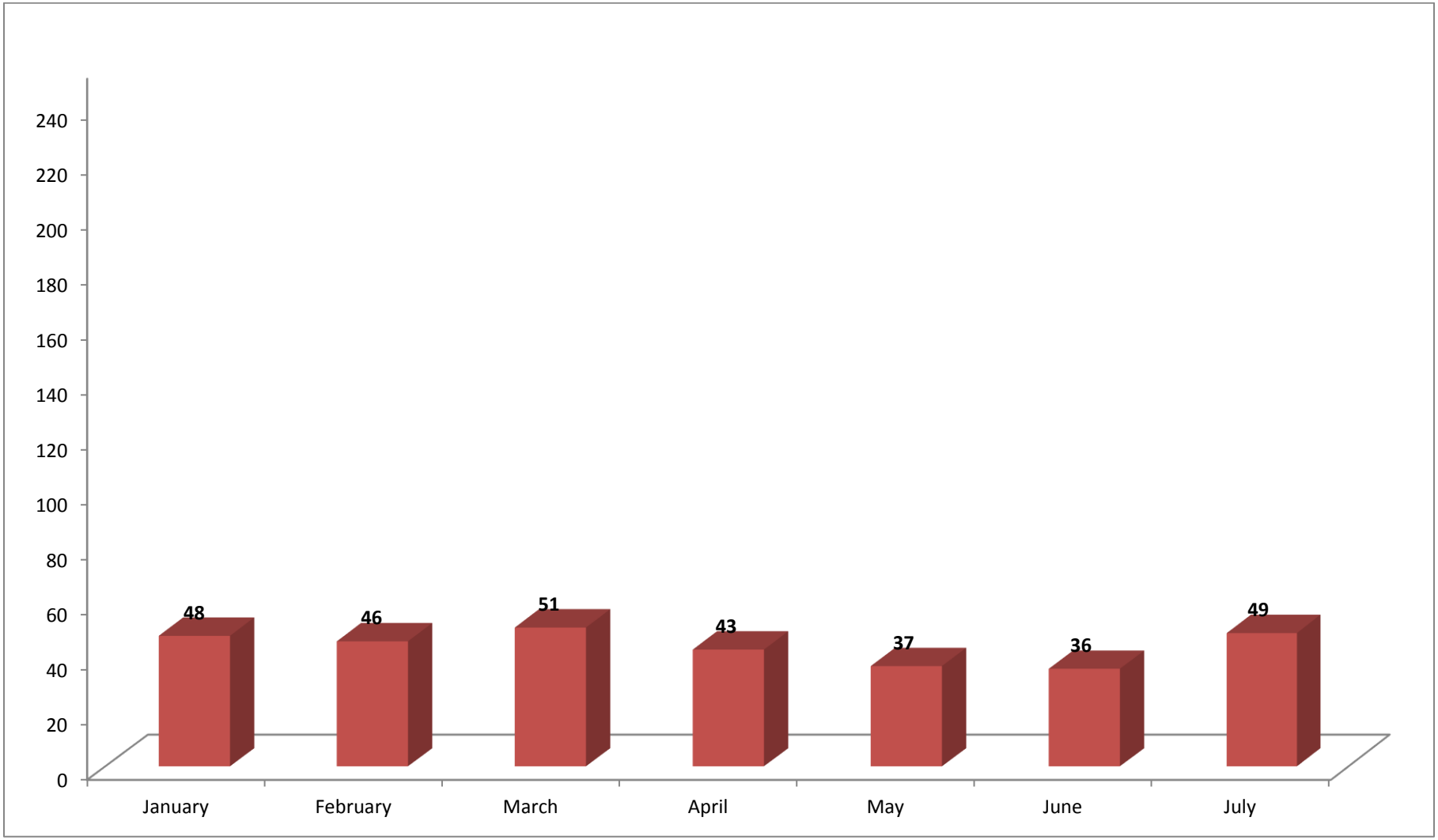
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

District 2 Case Reports



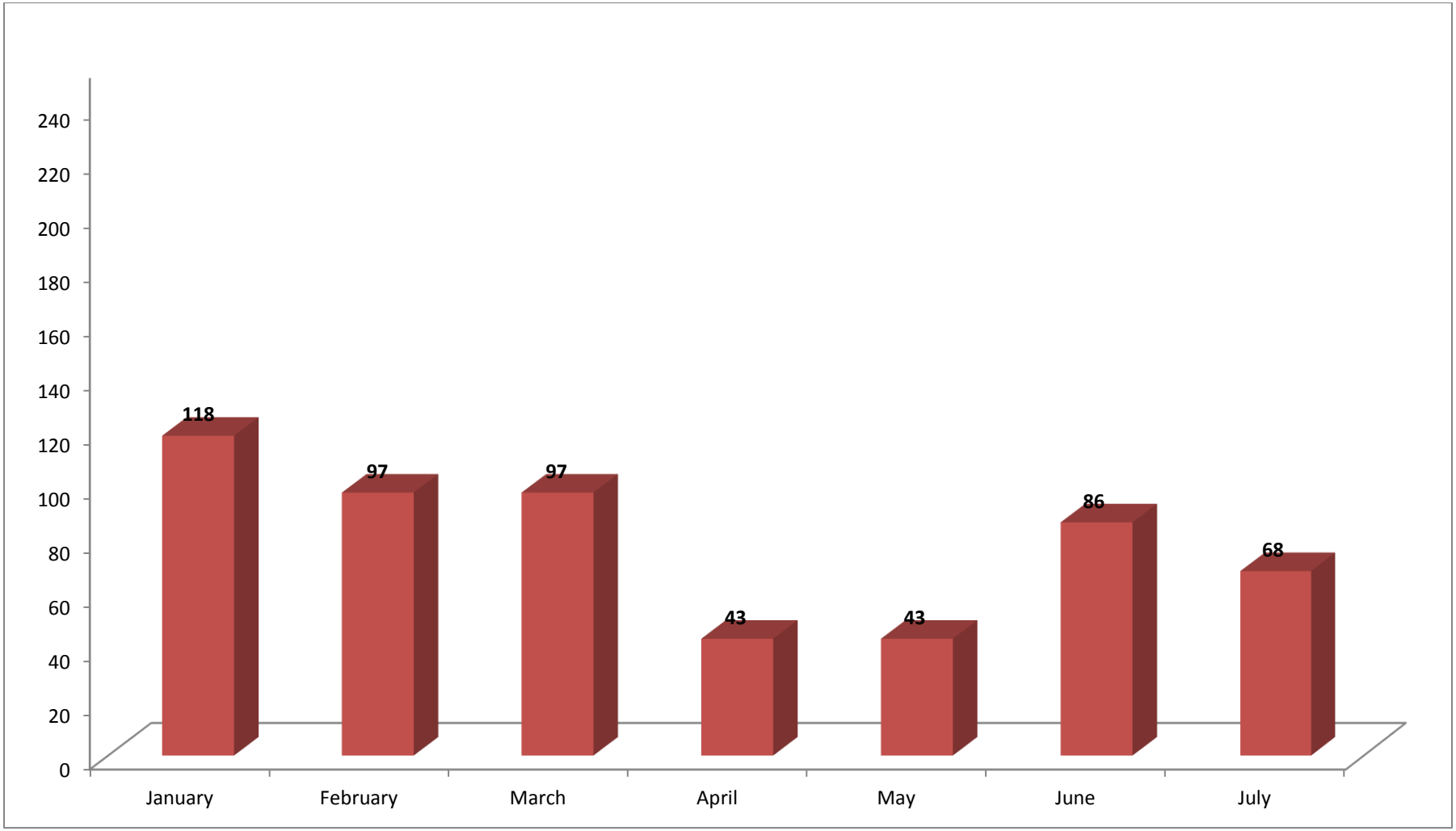
Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

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

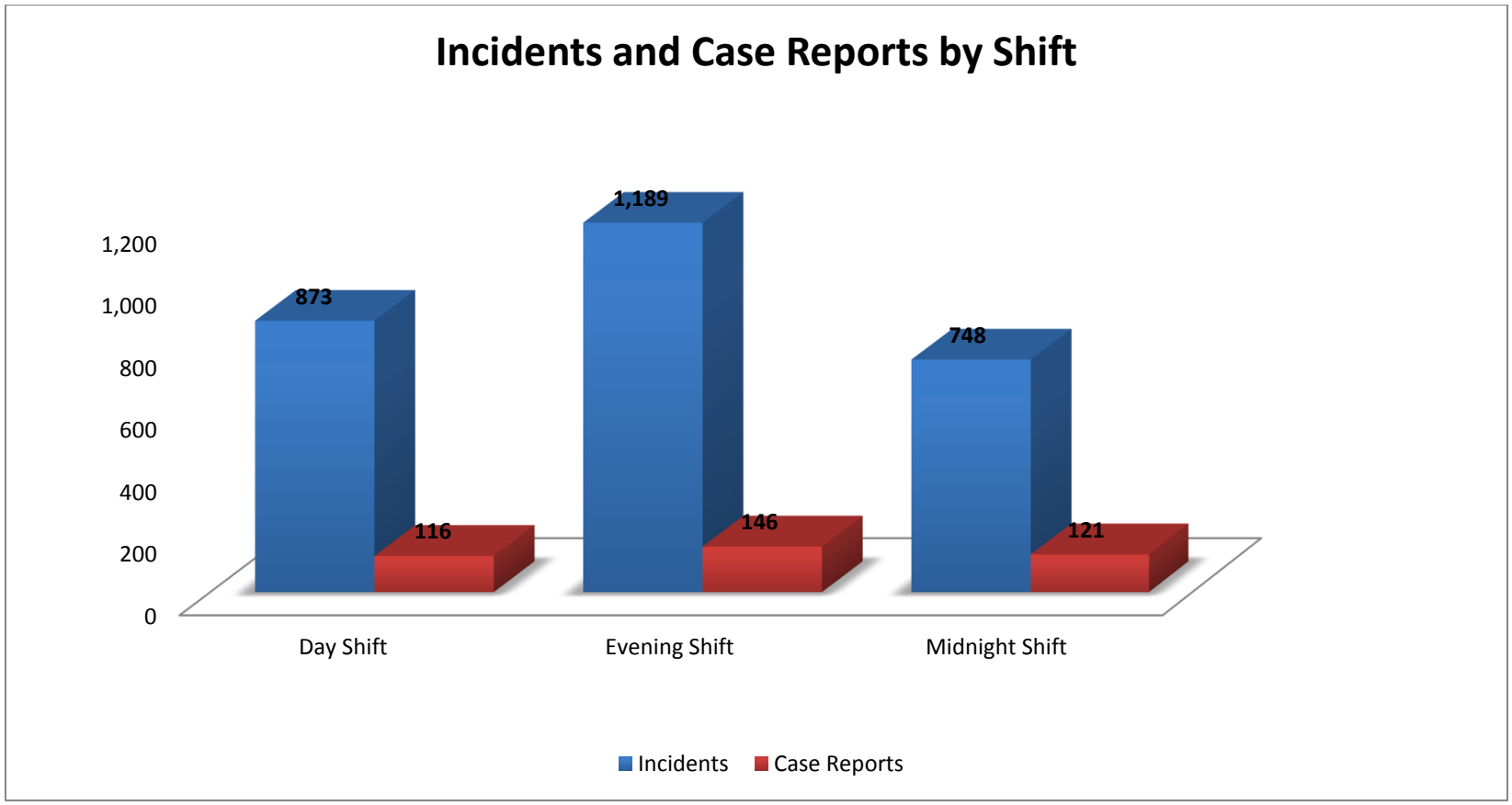
The table below illustrates the total of Incidents and Cases from July 1, 2019 thought July 31, 2019 to the locations listed.

Location	*Incidents* (Excluding Patrol Checks)	*Case Reports*
2700 SR.524	85	23
1080 N. Fiske	29	6
1407 Dixon Blvd	21	9
1514 Clearlake Rd	17	2
900 Friday Rd	15	1
800 N. Fiske	11	4
1524 Clearlake Rd	11	1
1010 N. Fiske Blvd	5	1
TOTAL	**194**	**47**

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.

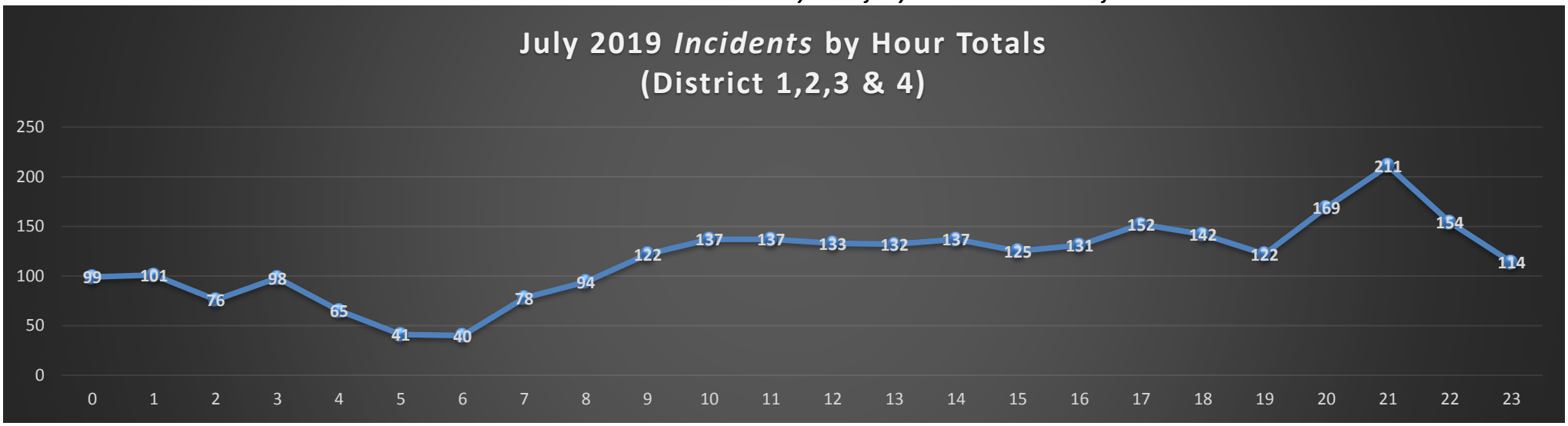


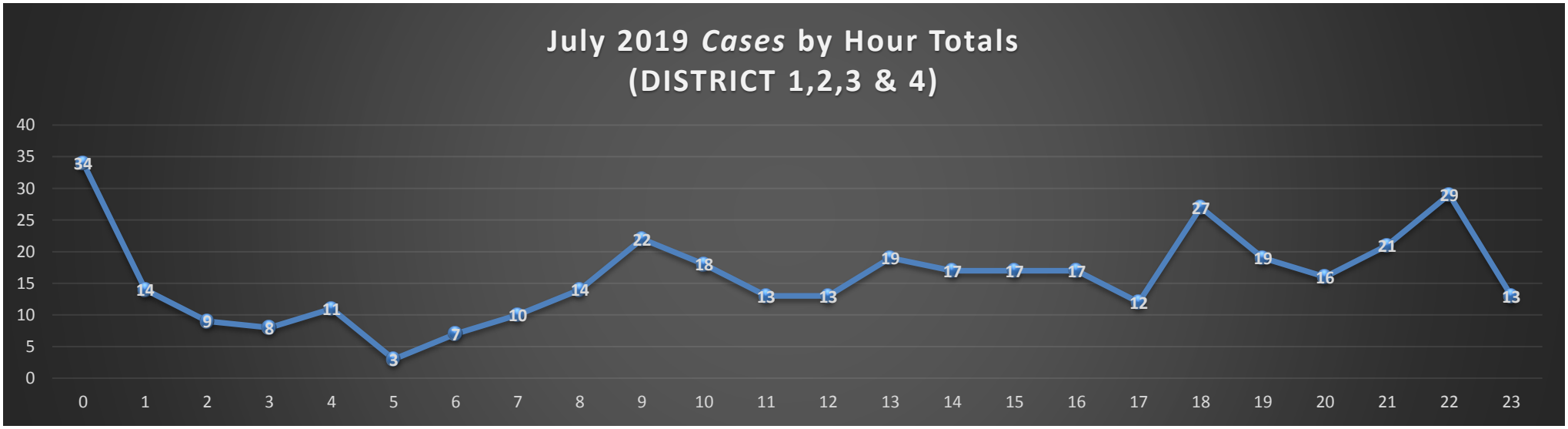
NOTE: The totals in the graph above do not include Patrol Checks.

Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Incidents and Case Reports by Hour

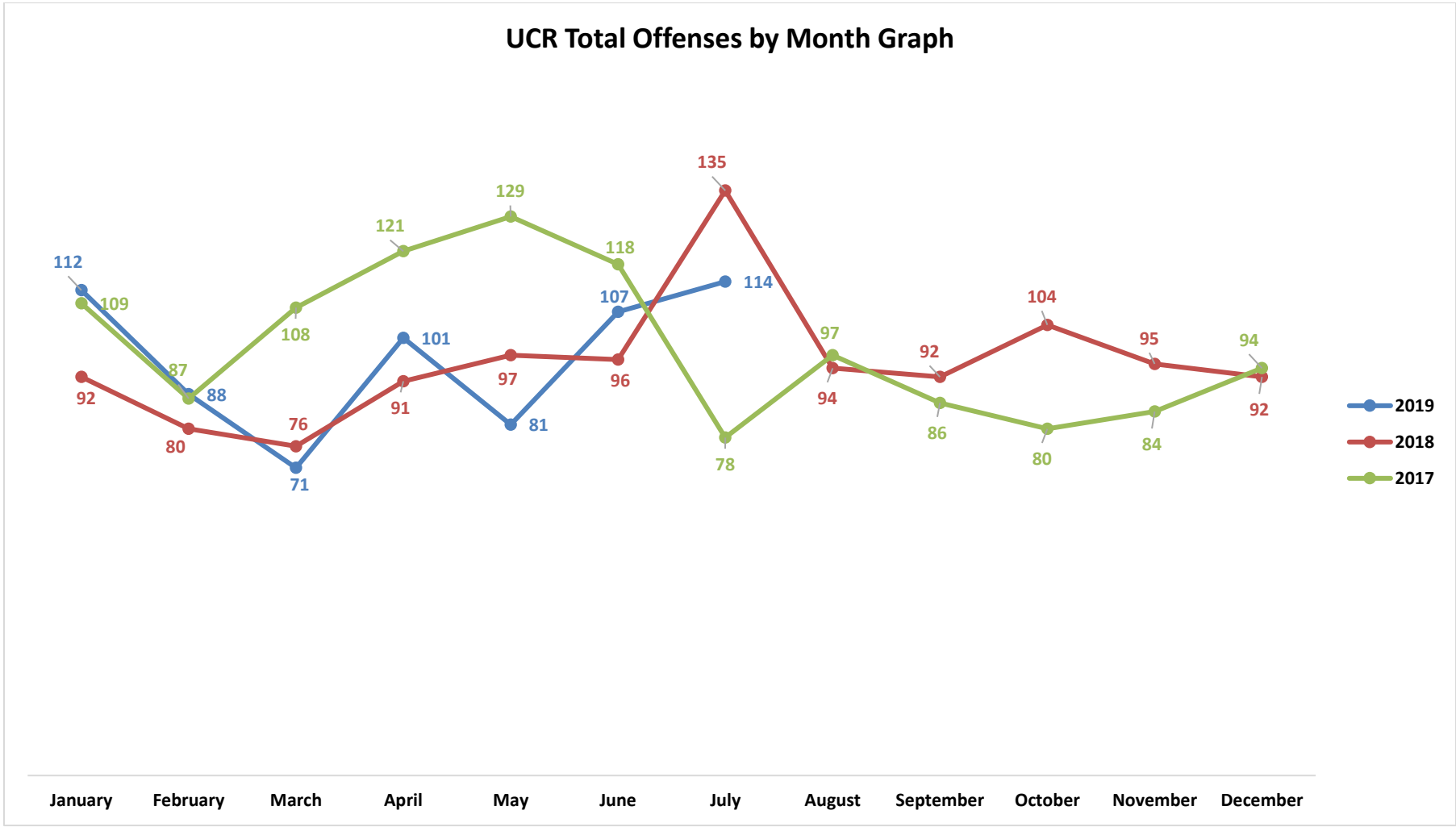
Note: The charts below illustrates incidents broken down by time of day. These totals do not reflect Patrol Checks.





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 2018 line graph.**

Source: Aegis MSP (Law Enforcement Records), Aegis MSP (CAD)
Originator: Dalaity Henson, Law Enforcement Analyst

Legislation Details (With Text)

File #:	19-441	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	9/13/2019			**In control:**	City Council
On agenda:	9/25/2019			**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:	Contingency August 2019 Report.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 13, 2019
Agenda Date: September 25, 2019
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 August 31, 2019. 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.

Change Orders - CM authorized to execute

applied to contingency | as of: 8/31/2019

Project #	Project Description + Details	Construction contract not to exceed $	Date Approved	Resolution #	Requisition #	Requisition $ by Account #	All Fiscal Years Cumulative	FY19 Cum.	FY2019 Expenditures	FY2018 Expenditures
WS19MH	Manhole Rehabilitation									
Op. Rev.		150,000.00	6/26/2019	2019-059						
Project Manager:		14,254.73	contingency authorized							
account #	421-4125-536.46-00	135,745.27	exp authorized before contingency				Cumulative	FY19 cum		
	Manhole Rehab Services			FY2019			-			
	Contractor PO#									
		14,255	**^contingency balance-->**							
WS19FR	Dyal Groundwater Filters 1 & 4									
Op. Rev.		569,880.30	6/26/2019	2019-056						
Project Manager:		51,807.30	contingency authorized							
account #	421-4020-536.63-00	518,073.00	exp authorized before contingency				Cumulative	FY19 cum		
	Water Sales and Service			FY2019			-			
	Contractor PO#									
		51,807	**^contingency balance-->**							
WS11VR	12" Tapping Valve									
Op. Rev.		221,106.50	2/27/2019	2019-012						
Project Manager:		20,100.00	contingency authorized							
account #	421-4025-536.46-00	201,006.50	exp authorized before contingency				Cumulative	FY19 cum		
	Atlantic Development		*FY 19 PO ISSUE*	FY2019	38149	201,006.50	201,006.50			
	Contractor PO# 74414									
		20,100	**^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:		289,558.00	contingency authorized							
account #	301-3580-519.62-00	4,550,013.00	exp authorized before contingency				Cumulative	FY19 cum		
	W & J Construction		*FY 19 PO ISSUE*	FY2019	37879	170,144.00	4,550,013.00	$ 4,379,869.00	$ 365,211.49	
	Contractor PO# 74150		CO#1		38708	4,379,869.00				
		289,558	**^contingency balance-->**							
WS18DP	Reactor Clarifier									
Op. Rev.		286,874.50	12/12/2018	2018-116						
Project Manager:		26,079.50	contingency authorized							
account #	426-4055-536.63-00	260,795.00	exp authorized before contingency				Cumulative	FY19 cum		
	E & D Contracting Services Inc.		*FY 19 PO ISSUE*	FY2019	37754	260,795.00	260,795.00		$ 19,205.00	
	Contractor PO# 74040									

*Bond

26,080 **^contingency balance-->**

Project #	Project Description + Details	Construction contract not to exceed $	Date Approved	Resolution #	Requisition #	Requisition $ by Account #	All Fiscal Years Cumulative	FY19 Cum.	FY2019 Expenditures	FY2018 Expenditures
WS1431	North Tropical Trail Looping Improvements									
Op. Rev.		1,231,048.17	12/12/2018	2018-114						
Project Manager:		111,913.47	contingency authorized							
account #	426-4055-536.63-00	1,119,134.70	exp authorized before contingency				Cumulative	FY19 cum		
	Atlantic Development of Cocoa		*FY 19 PO ISSUE*	FY2019	37710	1,119,134.70	1,159,239.19	1,159,239.19	$ 586,684.47	
	Contractor PO# 074042		CO#1		37978	16,542.60				
			CO#2		38879	23,561.89				
*Bond										
		71,809	**^contingency balance-->**							
	Lift Station 29 Gravity Main									
Op. Rev.		178,739.00	9/25/2018	2018-084						
Project Manager:		16,249.00	contingency authorized							
account #	421-4025-536.46-00	162,490.00	exp authorized before contingency				Cumulative	FY19 cum		
										$ -
	Danus Utilities		*FY 19 PO ISSUE*	FY2019			-			
	Contractor PO#									
		16,249	**^contingency balance-->**							
WS11VR	Valve Improvements									
Op. Rev.		574,914.93	10/24/2017	2018-014						
Project Manager:		52,265.00	contingency authorized							
account #	421-4025-536.46-00	522,649.93	exp authorized before contingency				Cumulative	FY19 cum		
	JoBear		*FY 18 PO ISSUE*	FY2018	35607	522,649.93	448,510.00	(74,139.93)	$ 437,325.84	
	Contractor PO#72425		CO#1		38043	(74,139.93)				
			CO#2		38451	1,140.00				
		52,265	**^contingency balance-->**							
WS1001	Industrial Park Pump Station									
Op. Rev.		4,889,500.00	11/25/14, VIII.8	2014-138						
Project Manager:		444,500.00	10% contingency authorized			63-00				
account #421-4055-536.63-00		4,445,000.00	exp authorized before contingency				Cumulative	FY19 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			$ 14,779.95
			PO#69608 Brandes Design-Build (reissue PO#67318)		31980	806,347.80	4,667,012.97			$ 386,032.50
			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			$ 1,300.00
							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			$ -
					34893	9,984.39	4,667,012.97			$ 6,739.35
										$ 1,000.00
			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	FY19 Cum.	FY2019 Expenditures	FY2018 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	FY19 cum	FY19	FY18
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			$ 5,085.16
			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		$ 13,906.75
			PO# 69522 CDM Smith		32776	13,250.00		2,905,874.09	84,072.06		$ 58,955.00
						(33,812.06)		2,872,062.03	84,072.06		$ 169,885.00
						(13.25)		2,872,048.78			$ 1,458,803.25
			PO#71534: Reissue PO#69522 CDM Smith	FY2018	34520	13.25		2,872,062.03			
			CO#1 PO#69522 CDM Smith		34650	36,340.00		2,908,402.03	1		$ 76,622.86
			CO#2 CDM SMITH			86,975.40					
			PO#71959: Reissue PO#69615 Brandes Design-Build		34988	33,812.06		2,942,214.09			
			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 #:	19-442	**Version:**	1	**Name:**	
Type:	Informational Item			**Status:**	Agenda Ready
File created:	9/13/2019			**In control:**	City Council
On agenda:	9/25/2019			**Final action:**	
Title:	FY 2019 Budget Adjustment Report. (Finance Director)				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	August FY 2019 REVENUE Budget Tracking Worksheet.pdf August FY 2019 EXPENSE Budget Tracking Worksheet.pdf				

Date	Ver.	Action By	Action	Result

CITY COUNCIL AGENDA ITEM

Memo Date: September 13, 2019
Agenda Date: September 25, 2019
Prepared By: Anthony Hagan / Grants Administrator
Through: Rebecca Bowman, MBA, CGFO, CGFM Finance Director
Requested Action:
FY 2019 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 2019 thru August 31, 2019.

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 2019 BUDGET TRACKING WORKSHEET

REVENUE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
11/28/18	001-0000-331.50-03	$77,200.00	BA #19 - FDEP GRANT WAS AWARDED - ACCEPT GRANT		940
	001-0000-389.99-50	$578,785.00	BA #21 - FUND BALANCE RESERVES		655
01/09/19	001-0000-381.91-30	$2,800.00	BA #34 - COMPLETION OF MEETING ROOM		1322
	001-0000-389.99-50	$2,400.00	BA #34 - FIRE STATION REPEATER		1322
01/23/19	001-0000-389.99-50	$21,470.00	BA #43 - PURCHASE OF TWO CITY WELCOME SIGNS		1519
	001-0000-334.50-04	$20,000.00	BA #50 - FLORIDA DEPT. OF ECONOMIC OPPORTUNITY GRANT		1520
03/13/19	001-0000-389.99-50	$130,000.00	BA# 63 - FMIT DEDUCTIBLE PAYMENT FOR FY19		2189
	001-0000-389.99-50	$50,000.00	BA# 70 - LEASE OF CITY PROPERTY / FL HISTORY MUSEUM		2193
04/24/19	001-0000-331.20-18	$36,650.00	BA #80 - FIRE DEPARTMENT STATE EMS GRANT AWARD		2878
06/12/19	001-0000-389.99-50	$1,324,369.00	BA #101 - CONSTRUCTION FOR JOE LEE SMITH CENTER		3490
06/26/19	001-0000-389.99-50	$2,000,000.00	BA #104 - WALMART ECONOMIC DEV. INCENTIVE		3761
	001-0000-389.99-50	($232,864.00)	BA #106 - UNUSED BUDGET AND MEDIAN MAINTENANCE		3758
	001-0000-389.99-50	$100,000.00			
12 Budget Amendments/Transfers			Division 0000 Total	$4,110,810.00	
12 Total Budget Amendments/Transfers			**GENERAL FUND**	**$4,110,810.00**	
11/28/18	103-0000-389.99-10	$575	BA #21 - FUND BALANCE		655
03/13/19	103-0000-389.99-10	($179,195)	BA# 66 - MOVE FUNDS FROM DEMOLITION TO SIGNAGE		2190
	103-0000-331.54-00	$179,195			
06/12/19	103-0000-381.91-01	$19,937	BA #100 - COVER FEES FOR CDBG SECTION 108 LOAN		3755
	103-0000-381.91-01	$1,324,369	BA #102 - CONSTRUCTION FOR JOE LEE SMITH CENTER		3491
	103-0000-384.00-00	$894,000	BA #97 - ACCEPT LOAN FUNDS FROM CDBG LOAN PROGRAM		3488
5 Budget Amendments/Transfers			Division 0000 Total	$2,238,881.00	
5 Total Budget Amendments/Transfers			**CDBG**	**$2,238,881.00**	

FY 2019 BUDGET TRACKING WORKSHEET

REVENUE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
12/12/18	104-0000-389.99-10	($95,355)	BA #31 - REDUCE HOME AMOUNT TO MATCH DISBURSEMENT AGREEMENT		1031
03/13/19	104-0000-389.99-10	($64,367)	BA #67 - CORRECT ACCOUNT FOR HOME PROGRAM FUNDS		2188
	104-0000-331.54-00	$64,367			
2 Budget Amendments/Transfers			Division 0000 Total	($95,355.00)	
2 Total Budget Amendments/Transfers			**BREVARD COUNTY HOME**	**($95,355.00)**	
11/28/18	105-0000-389.99-10	$2,230	BA #21 - FUND BALANCE		655
1 Budget Amendments/Transfers			Division 0000 Total	$2,230.00	
1 Total Budget Amendments/Transfers			**SHIP / COCOA HOUSING TRUST**	**$2,230.00**	
11/28/18	110-0000-389.99-10	$15,075	BA #21 - FUND BALANCE		655
1 Budget Amendments/Transfers			Division 0000 Total	$15,075.00	
1 Total Budget Amendments/Transfers			**CRA COCOA RDA**	**$15,075.00**	
10/10/18	141-0000-389.99-11	$5,000	BAF#2 - GIFT CARDS FOR PD GUNS BUY BACK PROGRAM		133
11/14/18	141-0000-389.99-11	$7,488	BA #12 - REPLACE EQUIPMENT IN INTERVIEW ROOMS		646
2 Budget Amendments/Transfers			Division 0000 Total	$12,488.00	
2 Total Budget Amendments/Transfers			**POLICE CONFISCATED FUND**	**$12,488.00**	
05/08/19	302-0000-381.91-01	$329,490	BA #84 - MOVE CRA FUNDS FOR DAY SLIPS / T-DOCK		3091
	302-0000-337.30-15	$225,000	BA #85 - ACCEPT TWO FIND GRANTS FOR RIVERFRONT		3093
	302-0000-337.30-16	$427,100			
2 Budget Amendments/Transfers			Division 0000 Total	$981,590.00	
2 Total Budget Amendments/Transfers			**RIVERFRONT / LEE WENNER PARK**	**$981,590.00**	
11/28/18	421-0000-389.99-50	($1,606,413)	BA #20 - FUND BALANCE RESERVES		654
	421-0000-389.99-50	($22,124,837)	BA #20 - WS FUND BALANCE RESERVES		654
	421-0000-389.99-50	($3,096,250)			
	421-0000-389.99-50	($400,000)			

FY 2019 BUDGET TRACKING WORKSHEET

REVENUE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
	421-0000-389.99-50	$2,501,811	BA #21 - FUND BALANCE RESERVES		655
01/09/19	421-0000-389.99-50	$3,600	BA #34 - TIMECLOCK AND WINDOW TINTS		1322
	421-0000-389.99-50	$377,951	BA #34 - TRUE UP FY19 BUDGET FOR FY18 PO'S		1322
	421-0000-381.91-26	$2,870,896			
04/10/19	421-0000-389.99-50	($16,814)	BA #75 - AMEND THE WATER / SEWER RESTRICTED FUND BUDGET		2621
	421-0000-389.99-50	$3,906			
	421-0000-389.99-50	$506,413			
	421-0000-389.99-50	$507,254			
6	Budget Amendments/Transfers		Division 0000 Total	($20,472,483.00)	
	6 Total Budget Amendments/Transfers		**WATER / SEWER ENTERPRISE**	**($20,472,483.00)**	
10/10/18	423-0000-389.99-50	($20,856)	BAF#5 - INDIAN RIVER LAGOON GRANT FUNDING / BAFFLE BOX		134
	423-0000-338.10-02	$20,856			
11/28/18	423-0000-389.99-50	$12,329	BA #21 - FUND BALANCE RESERVES		655
01/23/19	423-0000-389.99-50	$65,120	BA #48 - STORMWATER 10 YR PLAN - MEAD AND HUNT		1521
	423-0000-389.99-50	$34,327	BA #49 - BILLING SYSTEM AND RATES ANALYSIS		1522
06/26/19	423-0000-381.91-01	($232,864)	BA #106 - UNUSED BUDGET AND MEDIAN MAINTENANCE		3758
5	Budget Amendments/Transfers		Division 0000 Total	($121,088.00)	
	5 Total Budget Amendments/Transfers		**STORMWATER UTILITY**	**($121,088.00)**	
04/10/19	425-0000-381.91-21	($16,814)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2780
	425-0000-389.99-50	$16,814			
1	Budget Amendments/Transfers		Division 0000 Total	$0.00	
	1 Total Budget Amendments/Transfers		**WATER / SEWER RESTRICTED ASSETS**	**$0.00**	

FY 2019 BUDGET TRACKING WORKSHEET

REVENUE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
11/28/18	426-0000-389.99-50	$400,000	BA #20 - WS CAPITAL PROJECT FUND BALANCE RESERVES		654
	426-0000-389.99-50	$3,096,250			
	426-0000-389.99-50	$22,124,837			
	426-0000-389.99-50	$1,606,413	BA #20 - WS CAPITAL PROJECT FUND BALANCE RESERVES		654
04/10/19	426-0000-389.99-50	($506,413)	BA #75 - AMEND THE WATER / SEWER RESTRICTED FUND BUDGET		2621
	426-0000-389.99-50	($3,906)			
3	Budget Amendments/Transfers		Division 0000 Total	$26,717,181.00	
3	Total Budget Amendments/Transfers		**WATER / SEWER CAPITAL PROJECTS 2018 B BOND**	**$26,717,181.00**	
40	**Transfers & Amendments between 10/1/2018 and 8/31/2019**				
			FY 2019 Total Transfers and Amendments	**$13,389,329.00**	

Report: W:\Finance Administration\Budget Tracking Report\FY 2019 - Budget Tracking Worksheets\FY 2019 REVENUE Budget Tracking Worksheet.imr ran by Database User ID: cocoath

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FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
1000 - CITY COUNCIL					
01/10/19	001-1000-511.52-00	($100)	BA #44 - BUSINESS CARDS FOR NEW COUNCIL MEMBERS		1285
	001-1000-511.47-00	$100			
04/30/19	001-1000-511.48-00	($203)	BA #72 - MARCH CLEANUP FLOWER PURCHASE		2823
	001-1000-511.49-00	$203			
2	Budget Amendments/Transfers		Division 1000 Total	$0.00	
1100 - CITY MANAGER'S OFFICE					
11/28/18	001-1100-512.49-00	$3,231	BA #21 - WEBSITE ADA COMPLIANCE		655
05/22/19	001-1100-512.24-00	$56	BA# 60 - NEW POSITION DIGITAL COMMUNICATIONS COORDINATOR		3243
	001-1100-512.27-00	$850			
	001-1100-512.21-00	$1,754			
	001-1100-512.22-00	$1,824			
	001-1100-512.23-00	$6,363			
	001-1100-512.12-00	$22,072			
07/18/19	001-1100-512.49-00	($500)	BA #88 - MAY/JUNE CLEANUP HURRICANE PREP ITEMS		3942
	001-1100-512.42-00	$500			
	001-1100-512.48-00	($500)	BA #88 - MAY/JUNE CLEANUP UNEXPECTED IT PURCHASE		3942
	001-1100-512.52-00	$500			
4	Budget Amendments/Transfers		Division 1100 Total	$36,150.00	

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
1103 - INFORMATION TECHNOLOGY					
01/09/19	001-1103-516.68-10	($8,000)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL		1324
	001-1103-516.68-10	($7,059)			
	001-1103-516.64-15	($6,000)			
	001-1103-516.52-00	$21,059			
04/01/19	001-1103-516.52-00	($135)	BA #68 - PROPERTY TAX ON LEASED RICOH COPIERS		2361
	001-1103-516.49-00	$135			
2	Budget Amendments/Transfers		Division 1103 Total	$0.00	
1190 - LEISURE SERVICES					
04/10/19	001-1190-574.23-00	$6,940	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
07/18/19	001-1190-574.13-00	($102)	BA #88 - MAY/JUNE CLEANUP LEISURE SERVICES OVERTIME		3942
	001-1190-574.14-00	$102			
08/29/19	001-1190-574.13-00	($670)	BA #110 - JULY CLEANUP ACCRUAL PAYOUT		4515
	001-1190-574.14-00	$333			
	001-1190-574.12-12	$337			
3	Budget Amendments/Transfers		Division 1190 Total	$6,940.00	
1500 - FINANCE GENERAL ACCOUNTNG					
01/09/19	001-1500-513.64-00	($3,500)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL		1324
	001-1500-513.52-00	$3,500			
04/10/19	001-1500-513.12-00	($4,495)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-1500-513.12-12	$187			
	001-1500-513.27-00	$593			
	001-1500-513.22-00	$3,715			
04/30/19	001-1500-513.52-00	($465)	BA #72 - MARCH CLEANUP BUDGET DOCUMENT COVERS / TABS		2823
	001-1500-513.47-00	$465			
07/18/19	001-1500-513.12-00	($2,178)	BA #88 - MAY/JUNE CLEANUP FINANCE ACCRUAL PAYOUTS		3942
	001-1500-513.12-12	$2,178			
08/29/19	001-1500-513.12-00	($820)	BA #110 - JULY CLEANUP ACCRUAL PAYOUT / CSR		4515
5	Budget Amendments/Transfers		Division 1500 Total	($820.00)	
1505 - PURCHASING					
08/29/19	001-1505-513.12-12	$820	BA #110 - JULY CLEANUP ACCRUAL PAYOUT / CSR		4515
1	Budget Amendments/Transfers		Division 1505 Total	$820.00	
1510 - FINANCE UTILITY ACCOUNTNG					
01/09/19	001-1510-536.34-00	$32,256	BA #34 - UNANTICIPATED INCREASE IN PHONE COSTS		1324

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
04/10/19	001-1510-536.27-00	$1,328	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	001-1510-536.21-00	$1,799		
	001-1510-536.22-00	$3,037		
	001-1510-536.13-00	$22,969		
07/18/19	001-1510-536.12-00	($4,632)	BA #88 - MAY/JUNE CLEANUP FINANCE UTILITY OVERTIME	3942
	001-1510-536.14-00	$4,632		
	001-1510-536.41-00	($1,288)	BA #88 - MAY/JUNE CLEANUP SAFE ROOM VIDEO CABLING	3942
	001-1510-536.54-00	$179		
	001-1510-536.46-02	$1,109		
08/29/19	001-1510-536.12-00	($706)	BA #110 - JULY CLEANUP ACCRUAL PAYOUT / CSR	4515
	001-1510-536.15-00	$223		
	001-1510-536.14-00	$483		
5	Budget Amendments/Transfers		Division 1510 Total $61,389.00	
1600 - GENERAL OPERATIONS				
11/14/18	001-1600-513.39-00	($6,000)	BA #14 - MILESTONE PROFFESIONAL SERVICES - DEBT COMP, FIN REP	647
	001-1600-513.31-00	$6,000		
11/28/18	001-1600-513.39-00	($10,000)	BA #21 - INTEGRITY FINANCE LLC - TAX EXEMPT CALCULATIONS	942
	001-1600-513.31-00	$10,000		
01/09/19	001-1600-513.39-00	($32,256)	BA #34 - UNANTICIPATED INCREASE IN PHONE COSTS	1324
03/13/19	001-1600-513.39-00	($8,213)	BA# 62 - PART-TIME RECORD SECRETARY FOR FY2019	2191
	001-1600-513.49-00	$130,000	BA# 63 - FMIT DEDUCTIBLE PAYMENT FOR FY19	2189
	001-1600-513.39-00	($70,000)	BA# 65 - 3RD PARTY PROFFESIONAL PLANNING SERVICES	2192
	001-1600-513.83-01	$50,000	BA# 70 - LEASE OF CITY PROPERTY / FLORIDA HISTORY MUSEUM	2193

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
04/10/19	001-1600-513.39-00	($88,112)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-1600-513.39-00	($29,133)			
	001-1600-513.39-00	($20,144)			
	001-1600-513.39-00	($6,940)			
04/24/19	001-1600-513.39-00	($109,000)	BA #79 - NON RETAINER FEE PAID TO CITY ATTORNEY		2879
	001-1600-513.31-01	$109,000			
04/30/19	001-1600-513.52-00	($2)	BA #72 - MARCH CLEANUP INCREMENTAL CRA TAXES		2823
	001-1600-513.81-00	$2			
	001-1600-513.31-00	($400)	BA #72 - MARCH CLEANUP LEADERSHIP RETREAT RENTAL		2823
	001-1600-513.44-00	$400			
05/22/19	001-1600-513.39-00	($32,919)	BA# 60 - NEW POSITION DIGITAL COMMUNICATIONS COORDINATOR		3243
06/12/19	001-1600-581.91-03	$1,324,369	BA #101 - CONSTRUCTION FOR JOE LEE SMITH CENTER		3490
	001-1600-513.39-00	($19,937)	BA #99 - COVER LOAN FEE FOR CDBG 108 LOAN		3489
	001-1600-581.91-03	$19,937			
06/26/19	001-1600-581.91-23	($232,864)	BA #106 - UNUSED BUDGET AND MEDIAN MAINTENANCE		3758
	001-1600-513.23-00	($300)	BA #78 - APRIL CLEANUP SUMMER YOUTH PROGRAM		3663
	001-1600-513.34-00	$300			
07/18/19	001-1600-513.31-02	($500)	BA #88 - MAY/JUNE CLEANUP SUMMER YOUTH PROGRAM		3942
	001-1600-513.34-00	$500			
17	Budget Amendments/Transfers		Division 1600 Total	$983,788.00	
1601 - EMERGENCY/DISASTER SVS					
11/28/18	001-1601-525.63-00	$35,074.00	BA #21 - HURRICANE IRMA DAMAGES		655
01/09/19	001-1601-525.41-00	$2,400.00	BA #34 - FIRE STATION REPEATER		1322
2	Budget Amendments/Transfers		Division 1601 Total	$37,474.00	
1801 - HUMAN RESOURCES					
01/29/19	001-1801-513.23-00	($1,250)	BA #47 - CONTRACT WORK SAFETY RISK MANAGER		1518
	001-1801-513.34-00	$1,250			

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
04/01/19	001-1801-513.23-00	($432)	BA #68 - COVER VERIZON BILLS FOR HR REMAINDER FY		2361
	001-1801-513.41-00	$432			
04/10/19	001-1801-513.12-00	($1,558)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-1801-513.12-12	$1,558			
08/29/19	001-1801-513.52-00	$300	BA #110 - JULY CLEANUP HR OPERATING ACCOUNT		4515
4	Budget Amendments/Transfers		Division 1801 Total	$300.00	
1805 - CITY CLERK					
03/13/19	001-1805-513.24-00	$13	BA# 62 - PART-TIME RECORD SECRETARY FOR FY2019		2191
	001-1805-513.21-00	$542			
	001-1805-513.22-00	$585			
	001-1805-513.12-00	$7,073			
04/10/19	001-1805-513.22-00	$825	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-1805-513.21-00	$852			
	001-1805-513.23-00	$7,778			
	001-1805-513.12-00	$10,689			
08/29/19	001-1805-513.52-00	($300)	BA #110 - JULY CLEANUP HR OPERATING ACCOUNT		4515
	001-1805-513.12-00	($5,305)	BA #110 - JULY CLEANUP PT RECORDING SECRETARY		4515
	001-1805-513.13-00	$5,305			
4	Budget Amendments/Transfers		Division 1805 Total	$28,057.00	
2100 - POLICE ADMIN/OPERATIONS					
10/25/18	001-2100-521.52-00	($742)	BA #9 - PD SYMPHONY CONSOLE, NOTARY RENEWAL, & INTOXILYZER REPLENISH		267
	001-2100-521.46-00	$742			
11/14/18	001-2100-521.64-15	($50,400)	BA #11 - PD LAPTOP REPLACEMENT PROGRAM (NO LONGER CAPITAL)		645
	001-2100-521.52-00	$50,400			
01/09/19	001-2100-521.64-01	($24,879)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL		1324
	001-2100-521.64-00	($8,075)			
	001-2100-521.64-00	($3,846)			
	001-2100-521.52-00	$3,846			
	001-2100-521.52-00	$8,075			
	001-2100-521.52-11	$24,879			

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
04/01/19	001-2100-521.44-00	($6,144)	BA #68 - CORRECT ACCOUNT FOR TASER CARTRIDGE LEASE	2361
	001-2100-521.52-00	$6,144		
04/10/19	001-2100-521.12-00	($25,163)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	001-2100-521.12-06	$1,660		
	001-2100-521.15-00	$2,060		
	001-2100-521.12-12	$21,443		
06/26/19	001-2100-521.44-00	($18,000)	BA #78 - APRIL CLEANUP BODYWORN CAMERA GRANT	3663
	001-2100-521.52-00	($16,000)		
	001-2100-521.40-00	($2,000)		
	001-2100-521.40-00	$2,000		
	001-2100-521.52-00	$16,000		
	001-2100-521.44-00	$18,000		
07/18/19	001-2100-521.64-00	($1,753)	BA #88 - MAY/JUNE CLEANUP CJIS AUDIT & IT PURCHASE	3942
	001-2100-521.64-15	($1,607)		
	001-2100-521.56-15	$3,360		
	001-2100-521.12-00	($6,988)	BA #88 - MAY/JUNE CLEANUP PD ACCRUAL PAYOUTS	3942
	001-2100-521.12-06	$1,453		
	001-2100-521.12-12	$5,535		
08/29/19	001-2100-521.12-00	($210)	BA #110 - JULY CLEANUP OVERTIME FOR PD	4515
	001-2100-521.12-06	$210		
9	Budget Amendments/Transfers		Division 2100 Total $0.00	
2101 - POLICE COMMUNICATIONS				
10/25/18	001-2101-521.34-00	($2,772)	BA #9 - PD SYMPHONY CONSOLE, NOTARY RENEWAL, & INTOXILYZER REPLENISH	267
	001-2101-521.46-00	$2,772		
04/10/19	001-2101-521.12-00	($7,607)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	001-2101-521.12-12	$7,607		
06/26/19	001-2101-521.55-00	($2,280)	BA #78 - APRIL CLEANUP BATTERY BACKUPS FOR PD	3663
	001-2101-521.46-00	$2,280		
08/29/19	001-2101-521.12-00	($3,538)	BA #110 - JULY CLEANUP OVERTIME FOR PD	4515
	001-2101-521.14-00	$3,538		
4	Budget Amendments/Transfers		Division 2101 Total $0.00	

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EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
2132 - CODE ENFORCEMENT					
10/25/18	001-2132-524.52-00	($85)	BA #9 - PD SYMPHONY CONSOLE, NOTARY RENEWAL, & INTOXILYZER REPLENISH		267
	001-2132-524.54-00	$85			
04/10/19	001-2132-524.12-00	($1,307)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-2132-524.27-00	$1,307			
04/30/19	001-2132-524.52-00	($50)	BA #72 - MARCH CLEANUP CODE ENFORCEMENT MEMBERSHIP		2823
	001-2132-524.54-00	$50			
07/18/19	001-2132-524.12-00	($451)	BA #88 - MAY/JUNE CLEANUP PD ACCRUAL PAYOUTS		3942
	001-2132-524.12-12	$451			
4	Budget Amendments/Transfers		Division 2132 Total	$0.00	
2200 - FIRE ADMINISTRATION					
04/01/19	001-2200-522.42-00	$500	BA #68 - ADD POSTAGE FOR FIRE INSPECTOR		2361
04/10/19	001-2200-522.12-00	($1,167)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-2200-522.13-00	$1,167			
04/24/19	001-2200-522.56-16	$36,650	BA #80 - FIRE DEPARTMENT STATE EMS GRANT AWARD		2878
07/18/19	001-2200-522.45-00	$94	BA #88 - MAY/JUNE CLEANUP FIRE INSURANCE PREMIUMS		3942
4	Budget Amendments/Transfers		Division 2200 Total	$37,244.00	
2201 - FIRE OPERATIONS					
11/28/18	001-2201-522.64-00	$90,520	BA #21 - FIRE TRUCK REFURBISHMENT		655
01/17/19	001-2201-522.64-00	($8,717)	BA #45 - PURCHASE SCBA GEAR - NO LONGER CAPITAL		1384
	001-2201-522.52-00	$8,717			
04/01/19	001-2201-522.42-00	($500)	BA #68 - ADD POSTAGE FOR FIRE INSPECTOR		2361
04/10/19	001-2201-522.12-00	($53,720)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-2201-522.21-00	$11,507			
	001-2201-522.13-00	$42,213			
	001-2201-522.12-12	$88,112			
04/30/19	001-2201-522.52-05	($1,700)	BA #72 - MARCH CLEANUP COVER UTILITY BILLS / FPL		2823
	001-2201-522.43-00	$1,700			

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
	001-2201-522.52-05	($3,963)	BA #72 - MARCH CLEANUP PAY FPL AND FL CITY GAS	2823
	001-2201-522.47-00	($172)		
	001-2201-522.52-10	$365		
	001-2201-522.43-00	$3,770		
07/18/19	001-2201-522.12-00	($3,254)	BA #88 - MAY/JUNE CLEANUP FIRE ACCRUAL PAYOUTS	3942
	001-2201-522.12-12	$3,254		
	001-2201-522.55-00	($1,024)	BA #88 - MAY/JUNE CLEANUP FIRE INSURANCE PREMIUMS	3942
	001-2201-522.45-00	$930		
	001-2201-522.64-15	($9,777)	BA #88 - MAY/JUNE CLEANUP FIRE STATION ALERTING	3942
	001-2201-522.52-00	$9,777		
08/29/19	001-2201-522.55-00	($1,871)	BA #110 - JULY CLEANUP APPRAISER COSTS INCREASE	4515
	001-2201-522.34-00	$1,871		
	001-2201-522.12-00	($26,796)	BA #110 - JULY CLEANUP FIRE CHIEF ACCRUAL PAYOUT	4515
	001-2201-522.12-12	$26,796		
	001-2201-522.55-00	($2,300)	BA #110 - JULY CLEANUP FIRE UNIFORMS	4515
	001-2201-522.52-02	$2,300		
12	Budget Amendments/Transfers		Division 2201 Total $178,038.00	
3200 - ADMINISTRATION				
11/28/18	001-3200-515.34-02	$77,200.00	BA #19 - FDEP GRANT WAS AWARDED - ACCEPT GRANT	940
	001-3200-515.31-00	$4,888.00	BA #21 - PARKING STUDY OF COCOA VILLAGE	655
01/09/19	001-3200-515.64-15	($2,500.00)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL	1324
	001-3200-515.64-15	($1,800.00)		
	001-3200-515.52-00	$4,300.00		
01/14/19	001-3200-515.12-00	($25,000.00)	BA #40 - PAY FOR INSPECTION SERVICES DUE TO LACK OF STAFF	1321
	001-3200-515.34-00	$25,000.00		
03/13/19	001-3200-515.52-00	($30,250.00)	BA #64 - SOFTWARE LICENSE FOR EAR BASED AMENDMENTS	2134
	001-3200-515.31-00	$30,250.00		
	001-3200-515.31-00	$25,000.00	BA# 65 - 3RD PARTY PROFFESIONAL PLANNING SERVICES	2192
	001-3200-515.34-00	$45,000.00		

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
04/01/19	001-3200-515.49-00	$3,000.00	BA #68 - PAY FOR LEGAL ADS AND RECORDING		2361
04/10/19	001-3200-515.12-00	($11,687.00)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-3200-515.13-00	$1,548.00			
	001-3200-515.12-12	$10,139.00			
07/18/19	001-3200-515.52-00	($2,250.00)	BA #88 - MAY/JUNE CLEANUP COM SERVICES IT EQUIP		3942
	001-3200-515.64-15	$2,250.00			
	001-3200-515.12-00	($4,000.00)	BA #88 - MAY/JUNE CLEANUP ZONING MEETINGS ADS		3942
	001-3200-515.49-00	$4,000.00			
10	Budget Amendments/Transfers		Division 3200 Total	$155,088.00	
3205 - ECONOMIC DEVELOPMENT					
11/28/18	001-3205-559.31-00	$7,112	BA #21 - CONSULTING FOR HUD LOAN		655
01/23/19	001-3205-559.34-03	$20,000	BA #50 - FLORIDA DEPARTMENT OF ECONOMIC OPPORTUNITY GRANT		1520
03/13/19	001-3205-559.47-00	($40)	BA #46 - STAGE RENTAL FOR ANNUAL ECONOMIC DEVELOPMENT BREAKFAST		2134
	001-3205-559.44-00	$40			
	001-3205-559.48-00	($2,500)	BA #52 - SPONSOR HABITAT FOR HUMANITY WOMEN'S VETERAN HOUSING		2134
	001-3205-559.46-00	($2,000)			
	001-3205-559.47-00	($1,500)			
	001-3205-559.82-01	$6,000			
	001-3205-559.12-00	($4,350)	BA #53 - COVER TAX BILL FOR GROVE AVENUE - CITY OWNS		2134
	001-3205-559.49-00	$4,350			
04/01/19	001-3205-559.12-00	($3,000)	BA #68 - PAY FOR LEGAL ADS AND RECORDING		2361
04/10/19	001-3205-559.12-00	($6,656)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-3205-559.12-12	$6,656			
06/26/19	001-3205-559.82-01	$2,000,000	BA #104 - WALMART ECONOMIC DEV. INCENTIVE		3761
07/18/19	001-3205-559.47-00	($500)	BA #88 - MAY/JUNE CLEANUP LEGAL ADS FOR ORDINANCES		3942
	001-3205-559.49-02	$500			
08/29/19	001-3205-559.40-00	($600)	BA #110 - JULY CLEANUP PRINTING AND BINDING COST		4515
	001-3205-559.47-00	$600			
10	Budget Amendments/Transfers		Division 3205 Total	$2,024,112.00	

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EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
3500 - ADMINISTRATION				
04/10/19	001-3500-519.14-00	$4	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	001-3500-519.21-00	$42		
	001-3500-519.27-00	$1,880		
07/18/19	001-3500-519.12-00	($10)	BA #88 - MAY/JUNE CLEANUP PUBLIC WORKS OVERTIME	3942
	001-3500-519.14-00	$10		
2	Budget Amendments/Transfers		Division 3500 Total $1,926.00	
3510 - STREET MANAGEMENT				
10/10/18	001-3510-541.63-00	($339,797)	BAF#3 - GOODSON PAVING AGREEMENTS FOR FY19	135
	001-3510-541.46-00	$339,797		
	001-3510-541.63-00	($60,203)	BAF#4 - GOODSON PAVING COCOA VILLAGE SIDEWALKS	136
	001-3510-541.63-00	($25,117)		
	001-3510-541.46-00	$25,117		
	001-3510-541.46-00	$60,203		
11/28/18	001-3510-541.63-00	$15,153	BA #21 - FISKE BLVD COMPLETE STREET	655
	001-3510-541.46-00	$44,988	BA #21 - US1 CORRIDOR LIGHTING	655
03/13/19	001-3510-541.46-00	($5,000)	BA #51 - ADDITIONAL FUNDS DESIGN SERVICES SR520	2134
	001-3510-541.31-00	$5,000		
04/10/19	001-3510-541.23-00	($14,029)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	001-3510-541.12-00	($135)		
	001-3510-541.20-00	$135		
04/30/19	001-3510-541.52-00	($300)	BA #72 - MARCH CLEANUP COST OF LINE LOCATES	2823
	001-3510-541.34-00	$300		
07/18/19	001-3510-541.46-00	($480)	BA #88 - MAY/JUNE CLEANUP PW CELL PHONE EXPENSES	3942
	001-3510-541.41-00	$480		
	001-3510-541.46-00	($5,000)	BA #88 - MAY/JUNE CLEANUP PW IN HOUSE CONCRETE WK	3942
	001-3510-541.53-00	$5,000		
	001-3510-541.46-00	($500)	BA #88 - MAY/JUNE CLEANUP PW LOCATE SERVICES	3942
	001-3510-541.34-00	$500		
	001-3510-541.12-00	($480)	BA #88 - MAY/JUNE CLEANUP PW SHOE ALLOWANCE	3942
	001-3510-541.20-00	$480		

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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
07/24/19	001-3510-541.63-00	($69,883)	BA #111 - PURCHASE NEW CONCRETE TRANSIT MIXER		4163
	001-3510-541.53-00	$24,883			
	001-3510-541.64-00	$45,000			
08/29/19	001-3510-541.63-00	($5,000)	BA #110 - JULY CLEANUP SIDEWALK GAP PROJECT		4515
	001-3510-541.31-00	$5,000			
	001-3510-541.12-00	($1,122)	BA #110 - JULY CLEANUP UNEXPECTED OVERTIME		4515
	001-3510-541.14-00	$1,122			
14	Budget Amendments/Transfers		Division 3510 Total	$46,112.00	
3520 - PARKS & BEAUTIFICATION					
12/14/18	001-3520-572.34-00	($14,000)	BA #29 - OVERTIME FOR MOWER & PRESSURE WASHER RENTAL		944
	001-3520-572.44-00	$6,000			
	001-3520-572.14-00	$8,000			
	001-3520-572.34-00	($33,456)	BA #30 - MOWING AND MAINTENANCE OF US1 & SR520		944
	001-3520-572.34-09	$33,456			
04/10/19	001-3520-572.12-00	($4,614)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-3520-572.12-00	($585)			
	001-3520-572.20-00	$90			
	001-3520-572.12-12	$495			
06/26/19	001-3520-572.14-00	$3,000	BA #106 - UNUSED BUDGET AND MEDIAN MAINTENANCE		3758
	001-3520-572.52-00	$48,000			
	001-3520-572.34-00	$49,000			
07/18/19	001-3520-572.12-00	($1,244)	BA #88 - MAY/JUNE CLEANUP PW SHOE ALLOWANCE		3942
	001-3520-572.20-00	$360			
	001-3520-572.14-00	$884			
08/29/19	001-3520-572.12-00	($6,628)	BA #110 - JULY CLEANUP UNEXPECTED OVERTIME		4515
	001-3520-572.14-00	$6,628			
6	Budget Amendments/Transfers		Division 3520 Total	$95,386.00	

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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
3540 - PUBLIC WORKS- FLEET MAINT					
11/28/18	001-3540-519.34-00	$8,000	BA #21 - NAPA PARTS CONTRACT		655
04/10/19	001-3540-519.12-00	($1,926)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-3540-519.12-00	($50)			
	001-3540-519.20-00	$50			
04/30/19	001-3540-519.55-00	($280)	BA #72 - MARCH CLEANUP COVER REPAIR COSTS FY19		2823
	001-3540-519.46-03	$280			
08/29/19	001-3540-519.12-00	($15,709)	BA #110 - JULY CLEANUP NAPA CONTRACT SHORTFALL		4515
	001-3540-519.46-00	($500)			
	001-3540-519.45-00	$43			
	001-3540-519.46-03	$457			
	001-3540-519.34-00	$42,000			
4	Budget Amendments/Transfers		Division 3540 Total	$32,365.00	
3560 - FACILITY MANAGEMENT					
11/28/18	001-3560-519.46-02	$6,529	BA #21 - HEART OF COCOA MEETING ROOM		655
01/09/19	001-3560-519.46-02	$2,800	BA #34 - COMPLETION OF MEETING ROOM		1322
	001-3560-519.64-00	($4,000)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL		1324
	001-3560-519.64-00	($3,000)			
	001-3560-519.64-00	($2,500)			
	001-3560-519.64-00	($1,500)			
	001-3560-519.52-00	$11,000			
	001-3560-519.34-00	($12,000)	BA #34 - UNBUDGETED A/C REPAIR COSTS FOR FY19		1324
	001-3560-519.46-02	$12,000			
01/23/19	001-3560-519.52-00	$21,470	BA #43 - PURCHASE OF TWO CITY WELCOME SIGNS		1519
03/13/19	001-3560-519.46-02	($5,000)	BA #57 - G4S RISK SERVICES SECURITY SCAN OF COUNCIL		2134
	001-3560-519.31-00	$5,000			
04/10/19	001-3560-519.12-00	($440)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-3560-519.20-00	$440			

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EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
06/26/19	001-3560-519.52-00	($5,100)	BA #78 - APRIL CLEANUP LEE WENNER LIGHT POLE		3663
	001-3560-519.63-00	$5,100			
	001-3560-519.52-00	($40,000)	BA #78 - APRIL CLEANUP LEE WENNER MAINTENANCE		3663
	001-3560-519.46-02	$40,000			
07/18/19	001-3560-519.46-02	($1,291)	BA #88 - MAY/JUNE CLEANUP PW INSURANCE PREMIUMS		3942
	001-3560-519.45-00	$1,291			
	001-3560-519.46-00	($2,000)	BA #88 - MAY/JUNE CLEANUP PW OVERTIME COSTS		3942
	001-3560-519.14-00	$2,000			
08/28/19	001-3560-519.12-00	($20,000)	BA #115 - CITY HALL - TWO CONDENSING UNIT REPLACEMENT		4599
	001-3560-519.43-00	($8,000)			
	001-3560-519.46-02	($7,000)			
	001-3560-519.64-00	$35,000			
08/29/19	001-3560-519.46-02	($5,000)	BA #110 - JULY CLEANUP FIRE STATION 3 LIGHT POLE		4515
	001-3560-519.46-00	$5,000			
	001-3560-519.46-02	($16,291)	BA #110 - JULY CLEANUP NAPA CONTRACT SHORTFALL		4515
	001-3560-519.64-00	($10,000)			
	001-3560-519.12-00	($347)	BA #110 - JULY CLEANUP UNEXPECTED OVERTIME		4515
	001-3560-519.14-00	$347			
15	Budget Amendments/Transfers		Division 3560 Total	$4,508.00	
3580 - CAPITAL PROJECTS MNGMT					
11/28/18	001-3580-519.63-00	$59,390	BA #21 - HURRICANE IRMA DAMAGES		655
	001-3580-519.63-00	$303,900			
01/09/19	001-3580-519.64-00	($28,000)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL		1324
	001-3580-519.52-00	$28,000			
04/10/19	001-3580-519.22-00	$352	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	001-3580-519.12-00	$4,262			
	001-3580-519.23-00	$14,029			
07/18/19	001-3580-519.46-03	($10)	BA #88 - MAY/JUNE CLEANUP PW INSURANCE PREMIUMS		3942
	001-3580-519.45-00	$10			
08/29/19	001-3580-519.12-00	($3)	BA #110 - JULY CLEANUP UNEXPECTED OVERTIME		4515
	001-3580-519.14-00	$3			
5	Budget Amendments/Transfers		Division 3580 Total	$381,933.00	
148	Total Budget Amendments/Transfers		**GENERAL FUND**	**$4,110,810**	

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
3240 - HOUSING GRANTS					
11/28/18	103-3240-554.83-00	$350	BA #21 - INSPECTION SERVICES		655
	103-3240-554.83-00	$225	BA #21 - REHAB INSPECTION SERVICES		655
01/10/19	103-3240-554.83-00	($17,833)	BA #39 - PURCHASE 2019 FORD FUSION FOR COMMUNITY SERVICES DIRECTOR		1285
	103-3240-554.64-00	$17,833			
04/10/19	103-3240-554.12-00	($1,363)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	103-3240-554.12-12	$124			
	103-3240-554.13-00	$1,239			
06/12/19	103-3240-517.73-00	$19,937	BA #100 - COVER FEES FOR CDBG SECTION 108 LOAN		3755
	103-3240-554.62-00	$1,324,369	BA #102 - CONSTRUCTION FOR JOE LEE SMITH CENTER		3491
	103-3240-554.62-00	$894,000	BA #97 - ACCEPT LOAN FUND FROM CDBG LOAN PROGRAM		3488
06/26/19	103-3240-554.40-00	($37)	BA #78 - APRIL CLEANUP 108 LOAN APPLICATION SHIP		3663
	103-3240-554.42-00	$37			
07/18/19	103-3240-554.40-00	($700)	BA #88 - MAY/JUNE CLEANUP CS HOUSING GRANTS		3942
	103-3240-554.49-00	$700			
9	Budget Amendments/Transfers		Division 3240 Total	$2,238,881.00	
	9 Total Budget Amendments/Transfers		**CDBG**	**$2,238,881**	
3240 - HOUSING GRANTS					
12/12/18	104-3240-554.83-00	($95,355)	BA #31 - REDUCE HOME AMOUNT TO MATCH DISBURSEMENT AGREEMNT		1031
04/10/19	104-3240-554.12-00	($341)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	104-3240-554.12-12	$31			
	104-3240-554.13-00	$310			
2	Budget Amendments/Transfers		Division 3240 Total	($95,355.00)	
	2 Total Budget Amendments/Transfers		**BREVARD COUNTY HOME**	**($95,355)**	
3240 - HOUSING GRANTS					
11/28/18	105-3240-554.83-00	$450	BA #21 - 425 BERNARD APPRAISAL		655
	105-3240-554.34-00	$1,780	BA #21 - HOUSING COUNSELING		655
2	Budget Amendments/Transfers		Division 3240 Total	$2,230.00	
	2 Total Budget Amendments/Transfers		**SHIP / COCOA HOUSING TRUST**	**$2,230**	

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
3230 - CRA ADMIN/OPERATIONS					
11/28/18	110-3230-559.31-00	$6,075	BA #21 - CONSULTANT SERVICES		655
	110-3230-559.63-00	$2,000	BA #21 - LEE WENNER PARK		655
	110-3230-559.83-00	$7,000	BA #21 - OLEANDER STREET FACADE GRANT		655
12/20/18	110-3230-559.52-00	($200)	BA #15 - FUNDS NOT BUDGETED FOR CHARLENE NEUTERMAN CELL PHONE		1033
	110-3230-559.41-00	$200			
	110-3230-559.63-00	($95,000)	BA #33 - MOVE FUNDS TO NEW PROJECT NUMBER FOR TDOCK		1032
	110-3230-559.63-00	$95,000			
01/09/19	110-3230-559.39-00	($2,000)	BA #34 - LABOR FOR CAMERA NOT IN ORIGINAL QUOTE		1324
	110-3230-559.64-15	$2,000			
02/21/19	110-3230-559.34-00	($10,000)	BA #58 - SECURITY LIGHTS AT LEE WENNER PARK & LEGAL FEES		1844
	110-3230-559.40-00	($2,478)			
	110-3230-559.55-00	($1,051)			
	110-3230-559.31-01	$3,529			
	110-3230-559.63-00	$10,000			
	110-3230-559.39-00	($140,000)	BA #59 - MOVE CONTINGENCY FOR CRA ASSESSMENTS		1844
	110-3230-559.31-00	$140,000			
05/16/19	110-3230-559.39-00	($91,500)	BA #71 - MOVE FUNDS FOR NEW CIVIC CENTER ANALYSIS		3088
	110-3230-559.31-00	$91,500			
	110-3230-559.39-00	($28,500)	BA #73 - COVER ISS TASK ORDER / NEW CIVIC CENTER		3088
	110-3230-559.31-00	$28,500			
	110-3230-559.39-00	($234,490)	BA #82 - MOVE CRA FUNDS FOR DAY SLIPS / T-DOCK		3088
	110-3230-559.63-00	($50,000)			
	110-3230-559.63-00	($45,000)			
	110-3230-581.91-32	$329,490			
05/29/19	110-3230-559.42-00	($9)	BA #76 - INSURANCE COSTS FOR BREVARD CRA PROPERTY		3241
	110-3230-559.45-00	$9			
06/12/19	110-3230-559.34-00	($15,052)	THREE SOLAR COMPACTORS FOR RIVERFRONT PARK		4067
	110-3230-559.64-00	$15,052			
13	Budget Amendments/Transfers		Division 3230 Total	$15,075.00	
	13 Total Budget Amendments/Transfers		**CRA COCOA RDA**	**$15,075**	

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
3230 - CRA ADMIN/OPERATIONS					
11/19/18	111-3230-559.63-00	($60,000)	BA #6 - WOMEN'S VETERAN HOUSING - MOVE FUNDS		567
	111-3230-559.34-00	$60,000			
12/03/18	111-3230-559.52-00	($300)	BA #16 - CELL PHONE FOR CHARLENE NEUTERMAN		724
	111-3230-559.41-00	$300			
12/31/18	111-3230-559.64-00	($3,051)	BA #24 - MOVE FUNDS DUE TO CAPITAL THRESHOLD INCREASE		1129
	111-3230-559.42-00	$295			
	111-3230-559.52-00	$2,756			
02/21/19	111-3230-559.55-00	($800)	BA #56 - HABITAT FOR HUMANITY APPRAISAL & CLOSING COST		1844
	111-3230-559.40-00	($280)			
	111-3230-559.31-00	$1,080			
4	Budget Amendments/Transfers		Division 3230 Total	$0.00	
	4 Total Budget Amendments/Transfers		**CRA DIAMOND SQUARE 626**	**$0**	
3230 - CRA ADMIN/OPERATIONS					
05/02/19	112-3230-559.34-00	($90)	BA #77 - COVER INSURANCE COSTS TWO CITY PROPERTIES		2880
	112-3230-559.45-00	$90			
1	Budget Amendments/Transfers		Division 3230 Total	$0.00	
	1 Total Budget Amendments/Transfers		**CRA US 1 CORRIDOR**	**$0**	
2100 - POLICE ADMIN/OPERATIONS					
10/10/18	141-2100-521.52-00	$5,000	BAF#2 - GIFT CARDS FOR PD GUNS BUY BACK PROGRAM		133
11/14/18	141-2100-521.52-00	$7,488	BA #12 - REPLACE EQUIPMENT IN INTERVIEW ROOMS		646
2	Budget Amendments/Transfers		Division 2100 Total	$12,488.00	
	2 Total Budget Amendments/Transfers		**POLICE CONFISCATED FUND**	**$12,488**	
3580 - CAPITAL PROJECTS MNGMT					
01/09/19	301-3580-519.62-00	($2,800)	BA #34 - REPLENISH DEPARTMENT BUDGET		1324
	301-3580-581.91-01	$2,800			
01/30/19	301-3580-519.62-00	($17,360)	BA #42 - MOVE FUNDS TO COVER ARCHITECT SVCS		1543
	301-3580-519.31-00	$17,360			
04/30/19	301-3580-519.62-00	($7,000)	BA #72 - MARCH CLEANUP CIVIL ENGINEERING SERVICE		2823
	301-3580-519.31-00	$7,000			

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
06/12/19	301-3580-519.62-00	($1,214,365)	BA #98 - CONSTRUCTION FOR JOE LEE SMITH CENTER		3492
	301-3580-519.64-00	$600,720			
	301-3580-519.63-00	$613,645			
4	Budget Amendments/Transfers		Division 3580 Total	$0.00	
4	Total Budget Amendments/Transfers		**CAPITAL PROJECTS FUND**	**$0**	
3580 - CAPITAL PROJECTS MNGMT					
04/29/19	302-3580-519.63-00	($1,719,250)	BA #72 - MARCH CLEANUP BUDGET IN WRONG ACCOUNT		2807
	302-3580-572.63-04	$1,719,250			
05/08/19	302-3580-572.63-01	$149,200	BA #84 - MOVE CRA FUNDS FOR DAY SLIPS / T-DOCK		3091
	302-3580-572.63-03	$180,290			
	302-3580-572.63-03	$25,000	BA #85 - ACCEPT TWO FIND GRANTS FOR RIVERFRONT		3093
	302-3580-572.63-01	$200,000			
	302-3580-572.63-04	$427,100			
3	Budget Amendments/Transfers		Division 3580 Total	$981,590.00	
3	Total Budget Amendments/Transfers		**RIVERFRONT / LEE WENNER PARK**	**$981,590**	
3580 - CAPITAL PROJECTS MNGMT					
04/29/19	303-3580-519.63-00	($1,500,000)	BA #72 - MARCH CLEANUP BUDGET IN WRONG ACCOUNT		2807
	303-3580-541.63-00	$1,500,000			
1	Budget Amendments/Transfers		Division 3580 Total	$0.00	
1	Total Budget Amendments/Transfers		**FISKE BLVD COMPLETE STREETSCAPE**	**$0**	
1515 - UTILITY SUPPORT SERVICES					
01/09/19	421-1515-536.46-00	$700	BA #34 - TIMECLOCK AND WINDOW TINTS		1322
	421-1515-536.46-00	$2,900			
	421-1515-536.64-15	($4,483)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL		1324
	421-1515-536.64-15	($2,799)			
	421-1515-536.64-15	($1,684)			
	421-1515-536.46-00	$2,038			
	421-1515-536.52-00	$2,445			
	421-1515-536.52-00	$4,483			
	421-1515-536.34-00	$2,900	BA #34 - UNANTICIPATED PHONE LINE COST INCREASE		1324

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
04/01/19	421-1515-536.52-00	($4,483)	BA #68 - REVERSING BAF #34 - ENTERED TWICE		2361
	421-1515-536.64-15	$4,483			
04/10/19	421-1515-536.34-00	($4,000)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	421-1515-536.46-00	($3,161)			
	421-1515-536.34-00	($2,900)			
	421-1515-536.12-00	($373)			
	421-1515-536.20-00	$373			
	421-1515-536.46-03	$3,161			
	421-1515-536.52-00	$4,000			
07/18/19	421-1515-536.34-00	($2,265)	BA #88 - MAY/JUNE CLEANUP UTILITY CUSTOMER REFUNDS		3942
	421-1515-536.55-00	($500)			
	421-1515-536.49-00	$2,765			
	421-1515-536.12-00	($802)	BA #88 - MAY/JUNE CLEANUP W/S ACCRUAL PAYOUTS		3942
	421-1515-536.12-12	$202			
	421-1515-536.20-00	$600			
7	Budget Amendments/Transfers		Division 1515 Total	$3,600.00	
4010 - WATER ADMINISTRATION					
10/10/18	421-4010-536.39-00	($119,034)	BAF#1 - CONE ROAD DRAIN IMPROVEMENTS - WS17CD		132
11/14/18	421-4010-536.39-00	($6,000)	BA #14 - MILESTONE PROFFESIONAL SERVICES - DEBT COMP, FIN REP		647
	421-4010-536.31-00	$6,000			
11/28/18	421-4010-536.31-00	$1,800	BA #21 - BOND CERTIFICATION		655
	421-4010-536.31-00	$88	BA #21 - FDEP VIOLATION INSERTS		655
	421-4010-536.31-00	$28,740	BA #21 - REQUIRED EPA TESTING		655
12/31/18	421-4010-536.31-00	($1,110)	BA #35 - COVER INCREASE IN VEHICLE PURCHASE COST		1129
	421-4010-536.64-00	$1,110			
01/09/19	421-4010-536.39-00	($78,476)	BA #34 - COSTS NOT BUDGETED IN FY19		1324
	421-4010-536.39-00	($112,490)	BA #34 - PROVIDE ADDITIONAL BUDGET FOR PROJECT		1324
	421-4010-536.39-00	$22,799	BA #34 - REDUCE AMOUNT TO TASK ORDER AMOUNT		1324
	421-4010-536.64-15	($500)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL		1324
	421-4010-536.52-00	$500			
	421-4010-536.39-00	($2,900)	BA #34 - UNANTICIPATED PHONE LINE COST INCREASE		1324

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
04/10/19	421-4010-536.39-00	($399,499)	BA #69 - CURED IN PLACE PIPE LINING NOT BUDGETED	2673
	421-4010-581.91-25	($16,814)	BA #75 - AMEND THE WATER / SEWER RESTRICTED FUND BUDGET	2621
	421-4010-536.39-00	($194,541)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	421-4010-536.12-00	($3,046)		
	421-4010-536.20-00	$600		
	421-4010-536.27-00	$769		
	421-4010-536.12-12	$1,677		
	421-4010-536.39-00	$2,900		
05/22/19	421-4010-536.39-00	($26,000)	BA# 22 - CONTRACT WITH PUBLIC FINANCE LLC YEAR 1	3242
	421-4010-536.31-00	$26,000		
06/26/19	421-4010-536.39-00	($400,000)	BA #105 - COVER REPAIR AND MAINTENANCE FY19	3756
08/29/19	421-4010-536.31-00	($3,000)	BA #110 - JULY CLEANUP HACH CHEMICAL SUPPLIES	4515
	421-4010-536.52-00	$3,000		
	421-4010-536.48-00	($2,686)	BA #110 - JULY CLEANUP PRINTING VIOLATION NOTICE	4515
	421-4010-536.47-00	$2,686		
18	Budget Amendments/Transfers		Division 4010 Total ($1,267,427.00)	
4020 - DYAL PLANT				
10/29/18	421-4020-536.63-00	($42,362)	TRANSFER FOR OFF SCOPE SERVICES	299
11/28/18	421-4020-536.63-00	($506,413)	BA #20 - AUTOMATIC TRANSFER SWITCH	654
	421-4020-536.63-00	($600,000)	BA #20 - DYAL SURFACE WATER WELL	654
	421-4020-536.63-00	($500,000)	BA #20 - FILTER REHAB 1-5	654
	421-4020-536.46-00	$3,380	BA #21 - BUBBLER BOX GROUNDWATER	655
	421-4020-536.55-00	$8,035	BA #21 - ELECTRICAL SAFETY EDUCATION PROGRAM	655
	421-4020-536.63-00	$507,254	BA #21 - FILTERS #5 & #6	655
	421-4020-536.63-00	$37,850	BA #21 - SCADA SERVER REPLACEMENT	655
	421-4020-536.46-00	$6,395	BA #21 - SEWAGE GRINDER	655
	421-4020-536.42-00	$500	BA #21 - SHIPPING	655
	421-4020-536.63-00	$22,131	BA #21 - TCR ATS / PUMP CONTROL	655
12/12/18	421-4020-536.63-00	($229,496)	BA #26 - REPLACE TWO HVAC CHILLERS FOR DYAL WTP	1030
	421-4020-536.63-00	$229,496		
12/14/18	421-4020-536.64-00	($47,334)	BA #28 - DYAL WTP REPLACE DIESEL FUEL TANK BANANA RIVER	943
	421-4020-536.64-00	$47,334		

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
01/09/19	421-4020-536.63-00	$78,476	BA #34 - COSTS NOT BUDGETED IN FY19	1324
	421-4020-536.64-00	($6,000)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL	1324
	421-4020-536.64-00	($4,200)		
	421-4020-536.64-00	($4,000)		
	421-4020-536.52-00	$14,200		
	421-4020-536.63-00	$506,413	BA #34 - TRUE UP FY19 BUDGET FOR FY18 PO'S	1322
04/01/19	421-4020-536.64-00	($40,611)	BA #68 - ADD FUNDS FOR CAL FLO INJECTION POINT	2361
	421-4020-536.63-00	$40,611		
04/10/19	421-4020-536.63-00	$506,413	BA #75 - AMEND THE WATER / SEWER RESTRICTED FUND BUDGET	2621
	421-4020-536.12-00	($2,325)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	421-4020-536.20-00	$215		
	421-4020-536.12-12	$2,110		
	421-4020-536.63-00	$42,362		
05/22/19	421-4020-536.63-00	($20,504)	BA# 81 - REPAIRS NEEDED FOR DYAL HVAC PROJECTS	3244
	421-4020-536.46-02	($1,342)		
	421-4020-536.63-00	$21,846		
06/26/19	421-4020-536.34-00	($45,000)	BA #78 - APRIL CLEANUP NEW MECHANIC SHOP A/C	3663
	421-4020-536.64-00	$45,000		
	421-4020-536.34-00	($53,787)	BA #93 - REPLACE CLUTCH DYAL HIGH SERVICE PUMP 1	3653
	421-4020-536.46-00	$53,787		
	421-4020-536.34-00	($17,000)	BA #94 - REPLACE DYAL WTP DISSOLVED OZONE ANALYZER	3652
	421-4020-536.46-00	$17,000		
	421-4020-536.34-00	($12,000)	BA #95 - PURCHASE AMMONIA ANALYZER FOR DYAL WTP	3654
	421-4020-536.64-00	$12,000		
07/18/19	421-4020-536.55-00	($5,000)	BA #88 - MAY/JUNE CLEANUP DYAL FUEL OIL & LUBRICANT	3942
	421-4020-536.52-30	$5,000		
	421-4020-536.46-02	($15,000)	BA #88 - MAY/JUNE CLEANUP W/S FUEL OIL FUNDS LOW	3942
	421-4020-536.52-30	$15,000		
	421-4020-536.52-09	($15,000)	BA #88 - MAY/JUNE CLEANUP W/S LAB TESTING EQUIPMENT	3942
	421-4020-536.52-00	$15,000		
	421-4020-536.12-00	($1,994)	BA #88 - MAY/JUNE CLEANUP W/S OVERTIME & ACCRUALS	3942
	421-4020-536.20-00	$600		
	421-4020-536.12-12	$1,394		
	421-4020-536.34-00	($2,500)	BA #88 - MAY/JUNE CLEANUP W/S RENTALS AND LEASES	3942
	421-4020-536.44-00	$2,500		

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EXPENSE TRANSFER/AMENDMENT DETAIL
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Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
07/24/19	421-4020-536.46-02	($43,861)	BA #109 - FOUR NEW A/C UNITS FOR DYAL WTP	4162
	421-4020-536.64-00	$43,861		
08/28/19	421-4020-536.63-00	$94,791	BA #113 - CAL FLO POINT DYAL WTP	4600
08/29/19	421-4020-536.12-00	($1,246)	BA #110 - JULY CLEANUP ACCRUAL PAYOUTS	4515
	421-4020-536.12-12	$1,246		
	421-4020-536.63-00	($5,828)	BA #110 - JULY CLEANUP CAL FLO INJECTOR - DYAL	4515
	421-4020-536.46-00	$2,680		
	421-4020-536.63-00	$5,828		
	421-4020-536.55-00	($30,000)	BA #110 - JULY CLEANUP COVER OVERTIME FOR FY19	4515
	421-4020-536.14-00	$30,000		
	421-4020-536.52-09	($33,000)	BA #110 - JULY CLEANUP GROUNDWATER TREATMENT	4515
	421-4020-536.52-09	$33,000		
	421-4020-536.52-09	($30,000)	BA #110 - JULY CLEANUP SODA ASH REPLENISH	4515
	421-4020-536.52-09	$30,000		
36	Budget Amendments/Transfers		Division 4020 Total $167,905.00	
4025 - WATER FIELD OPERATIONS				
10/10/18	421-4025-536.46-00	$119,034	BAF#1 - CONE ROAD DRAINAGE IMPROVEMENTS - WS17CD	132
11/28/18	421-4025-536.46-00	$2,855	BA #21 - CONE ROAD PROJECT	655
	421-4025-536.46-00	$2,208	BA #21 - EAST COAST CC FIRELINE	655
	421-4025-536.46-00	$4,268	BA #21 - METER STATION	655
	421-4025-536.46-00	$357,878	BA #21 - ROAD RESTORATION	655
	421-4025-536.46-00	$52,265	BA #21 - VALVE IMPROVEMNT	655
	421-4025-536.46-00	$116,131		
	421-4025-536.46-00	$1,650	BA #21 -PIPING FOR WILSON STREET FORCE MAIN	655
01/09/19	421-4025-536.46-00	($90,389)	BA #34 - ADJUST PROFFESIONAL FEE DUE TO BUDGETARY OVERAGE	1324
	421-4025-536.31-03	$90,389		
	421-4025-536.64-15	($13,500)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL	1324
	421-4025-536.52-00	$13,500		
04/10/19	421-4025-536.12-00	($3,638)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	421-4025-536.20-00	$310		
	421-4025-536.12-12	$3,328		
	421-4025-536.22-00	$194,541		

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
04/30/19	421-4025-536.52-00	($780)	BA #72 - MARCH CLEANUP COVER ADDITIONAL TRAINING		2823
	421-4025-536.55-00	$780			
05/22/19	421-4025-536.46-00	($63,226)	BA# 91 - EMERGENCY AIR CONDITIONER REPLACEMENT AT UTILITIES		3245
	421-4025-536.64-00	$63,226			
06/26/19	421-4025-536.52-00	$45,000	BA #105 - COVER REPAIR AND MAINTENANCE FY19		3756
	421-4025-536.46-00	$355,000			
07/18/19	421-4025-536.12-00	($777)	BA #88 - MAY/JUNE CLEANUP WFO ACCRUAL PAYOUTS		3942
	421-4025-536.12-12	$297			
	421-4025-536.20-00	$480			
	421-4025-536.46-02	($10,100)	BA #88 - MAY/JUNE CLEANUP WFO CAPITAL EQUIPMENT		3942
	421-4025-536.34-00	($7,000)			
	421-4025-536.64-00	$17,100			
08/29/19	421-4025-536.12-00	($2,671)	BA #110 - JULY CLEANUP ACCRUAL PAYOUTS		4515
	421-4025-536.12-12	$2,671			
	421-4025-536.34-00	($6,000)	BA #110 - JULY CLEANUP CORRECT NEGATIVE BALANCES		4515
	421-4025-536.44-00	($1,879)			
	421-4025-536.31-00	($1,241)			
	421-4025-536.53-00	($511)			
	421-4025-536.55-00	$511			
	421-4025-536.45-00	$1,241			
	421-4025-536.49-00	$1,879			
	421-4025-536.42-00	$3,000			
	421-4025-536.46-02	$3,000			
	421-4025-536.44-00	($1,707)	BA #110 - JULY CLEANUP MAIN BREAK COSTS		4515
	421-4025-536.46-00	$1,707			
18	Budget Amendments/Transfers		Division 4025 Total	$1,250,830.00	
4055 - ENGINEERING					
10/29/18	421-4055-536.63-00	$42,362	TRANSFER FOR OFF SCOPE SERVICES		299
11/14/18	421-4055-536.63-00	($325,116)	BA #17 - CIP PROJECTS COVERED UNDER BOND		648
	421-4055-536.63-00	$325,116			

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
11/28/18	421-4055-536.63-00	($400,000)	BA #20 - CAPE CANAVERAL WATER MAIN REPLACEMENT	654
	421-4055-536.63-00	($5,200,000)	BA #20 - DYAL CHEMICAL CONVERSION	654
	421-4055-536.63-00	($330,000)	BA #20 - DYAL GROUNDWATER WTP REACTOR	654
	421-4055-536.63-00	($974,656)	BA #20 - FISKE BLVD PIPELINE REPLACEMENT	654
	421-4055-536.63-00	($698,664)	BA #20 - MICHIGAN AVENUE FORCE MAIN	654
	421-4055-536.63-00	($10,062,500)	BA #20 - PINEDA CROSSING	654
	421-4055-536.63-00	($2,461,274)	BA #20 - PIPE INFRASTRUCTURE	654
	421-4055-536.63-00	($1,997,743)	BA #20 - RAW WATER PIPELINE UPGRADE	654
	421-4055-536.68-10	$35,118	BA #21 - CAPITAL PLAN - WATER	655
	421-4055-536.63-00	$77,906	BA #21 - GW/SW CLEARWELL	655
	421-4055-536.63-00	$5,497	BA #21 - INDUSTRIAL PARK PUMP STATION	655
	421-4055-536.63-00	$209,868		
	421-4055-536.63-00	$420,316		
	421-4055-536.31-00	$34,307	BA #21 - INSPECTION OF FIBER OPTIC CABLE	655
	421-4055-536.63-00	$33,785	BA #21 - MICHIGAN AVENUE FORCE MAIN EXTENSION	655
	421-4055-536.63-00	$6,429	BA #21 - SR 520	655
	421-4055-536.63-00	$488	BA #21-CHASE/ NORTH TROPICAL TRAIL LOOPING IMPROVEMENTS	655
01/09/19	421-4055-536.64-15	($3,500)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL	1324
	421-4055-536.64-15	($1,800)		
	421-4055-536.52-00	$5,300		
	421-4055-536.63-00	$2,741	BA #34 - TRUE UP FY19 BUDGET FOR FY18 PO'S	1322
	421-4055-536.63-00	$35,720		
	421-4055-536.63-00	$2,326,022		
04/10/19	421-4055-536.63-00	$3,906	BA #75 - AMEND THE WATER / SEWER RESTRICTED FUND BUDGET	2621
	421-4055-536.63-00	$507,254		
	421-4055-536.63-00	($42,362)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	421-4055-536.12-00	($4,033)		
	421-4055-536.12-12	$4,033		
04/30/19	421-4055-536.68-10	($1,420)	BA #72 - MARCH CLEANUP PORTABLE METER KITS	2823
	421-4055-536.52-00	$1,420		

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
07/18/19	421-4055-536.12-00	($499)	BA #88 - MAY/JUNE CLEANUP UT ACCRUAL PAYOUTS	3942
	421-4055-536.12-12	$499		
	421-4055-536.52-00	($300)	BA #88 - MAY/JUNE CLEANUP UT FREIGHT AND POSTAGE	3942
	421-4055-536.42-00	$300		
	421-4055-536.52-00	($126)	BA #88 - MAY/JUNE CLEANUP UT VEHICLE INSURANCE	3942
	421-4055-536.45-00	$126		
08/28/19	421-4055-536.63-00	($49,397)	BA #113 - CAL FLO POINT DYAL WTP	4600
	421-4055-536.68-10	($45,394)		
08/29/19	421-4055-536.12-00	($2,935)	BA #110 - JULY CLEANUP ACCRUAL PAYOUTS	4515
	421-4055-536.12-12	$2,935		
	421-4055-536.63-00	($2,680)	BA #110 - JULY CLEANUP CAL FLO INJECTOR - DYAL	4515
	421-4055-536.52-00	($200)	BA #110 - JULY CLEANUP FREIGHT AND POSTAGE	4515
	421-4055-536.42-00	$200		
29	Budget Amendments/Transfers		Division 4055 Total ($18,522,951.00)	
4120 - WATER RECLAMATION				
11/01/18	421-4120-536.46-00	($150)	BA #10 - COVER PRINTING FOR SELLERS WORK ORDERS	346
	421-4120-536.47-00	$150		
11/28/18	421-4120-536.63-00	($2,836,250)	BA #20 - JERRY SELLERS FLOW	654
	421-4120-536.63-00	($130,000)	BA #20 - REPLACE RUSTED CONNECTIONS	654
	421-4120-536.63-00	($130,000)	BA #20 - SPALLING REPAIR OF FILTER	654
	421-4120-536.63-00	$219,098	BA #21 - BNR IMPROVEMENTS	655
	421-4120-536.63-00	$72,799	BA #21 - CAROLLO TASK ORDER 2018-03	655
	421-4120-536.63-00	$76,528	BA #21 - MCC 1-6 IMPROVEMENTS	655
	421-4120-536.46-00	$8,445	BA #21 - REPLACE WASTE WATER PUMP	655
01/09/19	421-4120-536.63-00	($22,799)	BA #34 - REDUCE AMOUNT TO TASK ORDER AMOUNT	1324
	421-4120-536.64-00	($6,000)	BA #34 - TRANSFER TO OPERATING FROM CAPITAL	1324
	421-4120-536.64-00	($5,000)		
	421-4120-536.52-00	$5,000		
	421-4120-536.52-00	$6,000		
	421-4120-536.63-00	$45,243	BA #34 - TRUE UP FY19 BUDGET FOR FY18 PO'S	1322
	421-4120-536.63-00	$49,576		
	421-4120-536.63-00	$128,132		
	421-4120-536.63-00	$155,000		

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment	Group #
03/13/19	421-4120-536.46-00	($5,133)	BA #54 - NEW A/C UNITS FOR SELLERS & SHOE ALLOWANCE	2134
	421-4120-536.52-00	($1,247)		
	421-4120-536.42-00	$200		
	421-4120-536.20-00	$225		
	421-4120-536.64-00	$5,955		
04/10/19	421-4120-536.23-00	($1,536)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
	421-4120-536.12-12	$34		
	421-4120-536.20-00	$127		
	421-4120-536.12-00	$1,413		
	421-4120-536.23-00	$1,536		
	421-4120-536.27-00	$2,693		
	421-4120-536.13-00	$3,251		
05/08/19	421-4120-536.31-03	($34,347)	BA #83 - COVER TASK ORDER FOR SCADA PROGRAMMING	3090
	421-4120-536.46-00	$34,347		
06/26/19	421-4120-536.52-00	($2,340)	BA #78 - APRIL CLEANUP SEWER VEHICLE INSURANCE	3663
	421-4120-536.45-00	$2,340		
07/10/19	421-4120-536.31-03	($5,000)	Bar Screen Control Panel for Sellers Plant	4068
	421-4120-536.63-00	$5,000		
07/18/19	421-4120-536.46-00	($75)	BA #88 - MAY/JUNE CLEANUP UT REPLACEMENT EMPLOYEES	3942
	421-4120-536.20-00	$75		
17	Budget Amendments/Transfers		Division 4120 Total ($2,356,710.00)	
4125 - SEWER FIELD OPERATIONS				
11/28/18	421-4125-536.63-00	($400,000)	BA #20 - CIPP REHABILITATION	654
	421-4125-536.46-00	$49,929	BA #21 - MANHOLE ASSESSMENT	655
	421-4125-536.46-00	$22,870	BA #21 - REPLACE LIFT STATION PUMPS	655
	421-4125-536.46-00	$75,000	BA #21 - RESTORATION SERVICES	655
01/09/19	421-4125-536.46-00	$112,490	BA #34 - PROVIDE ADDITIONAL BUDGET FOR PROJECT	1324
04/10/19	421-4125-536.46-00	$399,499	BA #69 - CURED IN PLACE PIPE LINING NOT BUDGETED	2673
	421-4125-536.12-00	($7,518)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS	2622
04/30/19	421-4125-536.52-00	($2,374)	BA #72 - MARCH CLEANUP CONFINED SPACE TRAINING	2823
	421-4125-536.55-00	$2,374		

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
07/18/19	421-4125-536.12-00	($26,100)	BA #88 - MAY/JUNE CLEANUP UT OPERATING EXPENSES		3942
	421-4125-536.46-03	($12,250)			
	421-4125-536.46-00	($8,000)			
	421-4125-536.64-00	$8,000			
	421-4125-536.52-00	$12,250			
	421-4125-536.14-00	$26,100			
08/29/19	421-4125-536.46-00	($9,742)	BA #110 - JULY CLEANUP CORRECT NEGATIVE BALANCES		4515
	421-4125-536.54-00	($566)			
	421-4125-536.55-00	$165			
	421-4125-536.45-00	$401			
	421-4125-536.43-00	$9,742			
10	Budget Amendments/Transfers		Division 4125 Total	$252,270.00	
135	Total Budget Amendments/Transfers		**WATER / SEWER ENTERPRISE**	**($20,472,483)**	
3570 - STORMWATER UTILITY					
11/28/18	423-3570-538.31-00	$660	BA #21 - CARRY FORWARD FROM FY17		655
	423-3570-538.63-00	$3,703	BA #21 - CURB / GUTTER / SIDEWALK REPLACEMENT		655
	423-3570-538.63-00	$3,258	BA #21 - FISKE BLVD COMPLETE STREETS		655
	423-3570-538.46-03	$4,708	BA #21 - REPAIR OF CASE BACKHOE		655
01/23/19	423-3570-538.31-00	$65,120	BA #48 - STORMWATER 10 YR PLAN - MEAD AND HUNT		1521
	423-3570-538.31-00	$34,327	BA #49 - BILLING SYSTEM AND RATES ANALYSIS		1522
04/10/19	423-3570-538.63-00	($200,000)	BA #74 - CURED IN PLACE PIPE LINING NOT BUDGETED		2620
	423-3570-538.63-00	$200,000			
	423-3570-538.39-00	($2,251)	BA #75 - MID YEAR REVIEW BUDGET TRANSFERS		2622
	423-3570-538.21-00	$447			
	423-3570-538.27-00	$1,804			
04/30/19	423-3570-538.46-00	($456)	BA #72 - MARCH CLEANUP TEMPORARY METER INSTALL		2823
	423-3570-538.43-00	$456			
05/22/19	423-3570-538.63-00	($60,000)	BA# 92 - STORMWATER AREA ANALYSIS FOR TIERED RATES		3246
	423-3570-538.31-00	$60,000			
06/26/19	423-3570-538.63-00	($232,864)	BA #106 - UNUSED BUDGET AND MEDIAN MAINTENANCE		3758
	423-3570-538.31-00	($3,600)	BA #78 - APRIL CLEANUP AUTO INSURANCE PAYMENTS		3663
	423-3570-538.45-00	$3,600			
	423-3570-538.63-00	($30,000)	BA #78 - APRIL CLEANUP STANTEC CONSULTING INC		3663
	423-3570-538.31-00	$30,000			

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
07/18/19	423-3570-538.63-00	($20,000)	BA #88 - MAY/JUNE CLEANUP STORM WATER OPERATING		3942
	423-3570-538.43-00	$3,000			
	423-3570-538.52-00	$4,500			
	423-3570-538.34-00	$12,500			
08/29/19	423-3570-538.12-00	($419)	BA #110 - JULY CLEANUP UNEXPECTED OVERTIME		4515
	423-3570-538.14-00	$419			
15	Budget Amendments/Transfers		Division 3570 Total	($121,088.00)	
15	Total Budget Amendments/Transfers		**STORMWATER UTILITY**	**($121,088)**	
4010 - WATER ADMINISTRATION					
01/09/19	426-4010-581.91-21	$2,870,896	BA #34 - MOVE FUNDS BACK TO 421 FOR FY18 POS		1324
1	Budget Amendments/Transfers		Division 4010 Total	$2,870,896.00	
4020 - DYAL PLANT					
11/28/18	426-4020-536.63-00	$506,413	BA #20 - AUTOMATIC TRANSFER SWITCH		654
	426-4020-536.63-00	$600,000	BA #20 - DYAL SURFACE WATER WELL		654
	426-4020-536.63-00	$500,000	BA #20 - FILTER REHAB 1-5		654
01/09/19	426-4020-536.63-00	($506,413)	BA #34 - MOVE FUNDS BACK TO 421 FOR FY18 POS		1324
04/10/19	426-4020-536.63-00	($506,413)	BA #75 - AMEND THE WATER / SEWER RESTRICTED FUND BUDGET		2621
	426-4020-536.63-00	($3,906)			
06/26/19	426-4020-536.63-00	$69,881	BA #103 - REPLACEMENT OF FILTER MEDIA AT DYAL WTP		3757
6	Budget Amendments/Transfers		Division 4020 Total	$659,562.00	
4055 - ENGINEERING					
11/28/18	426-4055-536.63-00	$400,000	BA #20 - CAPE CANAVERAL WATER MAIN REPLACEMENT		654
	426-4055-536.63-00	$5,200,000	BA #20 - DYAL CHEMICAL CONVERSION		654
	426-4055-536.63-00	$330,000	BA #20 - DYAL GROUNDWATER WTP REACTOR		654
	426-4055-536.63-00	$974,656	BA #20 - FISKE BLVD PIPELINE REPLACEMENT		654
	426-4055-536.63-00	$698,664	BA #20 - MICHIGAN AVE FORCE MAIN		654
	426-4055-536.63-00	$10,062,500	BA #20 - PINEDA CROSSING		654
	426-4055-536.63-00	$2,461,274	BA #20 - PIPE INFRASTRCTURE		654
	426-4055-536.63-00	$1,997,743	BA #20 - RAW WATER PIPELINE UPGRADE		654
12/12/18	426-4055-536.63-00	($1,231,049)	BA #27 - MOVE FUNDS TO NORTH TROPICAL TRAIL PROJECT		1029
	426-4055-536.63-00	$1,231,049			

FY 2019 EXPENSE BUDGET TRACKING WORKSHEET

EXPENSE TRANSFER/AMENDMENT DETAIL
AS OF: 8/31/2019

Date	Accounts	Transaction	Resolution # / Description of Transfer or Amendment		Group #
01/09/19	426-4055-536.63-00	($2,326,022)	BA #34 - MOVE FUNDS BACK TO 421 FOR FY18 POS		1324
	426-4055-536.63-00	($35,720)			
	426-4055-536.63-00	($2,741)			
06/26/19	426-4055-536.63-00	($69,881)	BA #103 - REPLACEMENT OF FILTER MEDIA AT DYAL WTP		3757
07/18/19	426-4055-536.63-00	($44,445)	BA #88 - MAY/JUNE CLEANUP BOND PROJ MEAD AND HUNT		3942
	426-4055-536.63-00	$44,445			
12	Budget Amendments/Transfers		Division 4055 Total	$19,690,473.00	
4120 - WATER RECLAMATION					
11/28/18	426-4120-536.63-00	$2,836,250	BA #20 - JERRY SELLERS FLOW		654
	426-4120-536.63-00	$130,000	BA #20 - REPLACE RUSTED CONNECTIONS		654
	426-4120-536.63-00	$130,000	BA #20 - SPALLING REPAIR OF FILTER		654
05/16/19	426-4120-536.63-00	($130,000)	BA #37 - MOVE BOND FUNDS TO DIFFERENT CAPITAL PROJECTS		3087
	426-4120-536.63-00	$130,000			
4	Budget Amendments/Transfers		Division 4120 Total	$3,096,250.00	
4125 - SEWER FIELD OPERATIONS					
11/28/18	426-4125-536.63-00	$400,000	BA #20 - CIPP REHABILITATION		654
1	Budget Amendments/Transfers		Division 4125 Total	$400,000.00	
24	Total Budget Amendments/Transfers		**W/S CAPITAL PROJECTS 2018B**	**$26,717,181**	
363	**Transfers & Amendments between 10/1/2018 and 8/31/2019**			**$13,389,329**	

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.

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