MINUTES

CITY OF COCOA
REGULAR MEETING OF THE CITY COUNCIL

July 25, 2017

A Regular City Council meeting was held on Tuesday, July 25, 2017, in City Council Chambers, located in Cocoa City Hall, 65 Stone Street, in Cocoa, Florida, as publicly noticed.

I. OPENING MATTERS:

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

Councilman Whipple asked for a moment of silence in regards to the recent events that took place in the City of Cocoa.

Councilman Whipple provided an invocation and Mayor Parrish led the assembly in the Pledge of Allegiance to the Flag of the United States of America.

The City Clerk took the roll.

PRESENT:	Henry U. Parrish III	Mayor
	Don Boisvert	Deputy Mayor
	Jeri Blanco	Councilwoman (attended via phone)
	Brenda Warner	Councilwoman
	Clarence Whipple, Jr.	Councilman
	Anthony Garganese	City Attorney
	Matt Fuhrer	Assistant City Manager
	Carie Shealy	City Clerk
ABSENT:	John Titkanich	City Manager

OTHER STAFF MEMBERS PRESENT:

Tammy Gemmati, Administrative Services Director; Jack Walsh, Utilities Director; Nancy Bunt, Acting Community Services Director; Gene Prince, Fire Chief; Michael Cantaloupe, Chief of Police; Ed Wegerif, Public Works Director; Teri Butler, Finance Director; Gail Bantugan, Leisure Services Manager; Tre Folston, Helpdesk Support Tech; Yvonne Martinez, Police PR

Specialist; Anne Quesada, Accounting Manager; Chris Collier, WFO Manager; Bethani Foster, Utility Billing Supervisor; Savi Pooran, HR Technician; Chris Hattaway & K9 Copper, Police Officers; and Larry Lallo, Economic Development Manager.

II. APPROVAL OF AGENDA AND MINUTES:

1. Agenda: Regular Meeting of July 25, 2017 (17-318)
2. Minutes: (a) Regular Meeting of June 27, 2017 (17-317)

Councilwoman Warner requested the addition of Item III.4, the Swearing In of K9 Copper.

* **MOTION by Deputy Mayor Boisvert; Seconded by Councilman Whipple, to approve the Agenda for the Regular meeting of July 25, 2017 with amendments and to approve the Minutes for the Regular meeting of June 27, 2017 as written.**

AYES: Parrish, Boisvert, Blanco, Warner, Whipple

THE MOTION CARRIED UNANIMOUSLY (5-0)

III. AWARDS AND PRESENTATIONS:

1. Presentation of the 2017 Cocoa Works Summer Youth Employment Program. (17-303). (Administrative Services Director)

Ms. Gemmati provided a presentation on the 2017 Summer Youth Employment Program[1] and mentioned that the City had once again partnered with Career Source. Jana Bauer makes the program possible and works with the students for a few weeks prior to them starting employment in order to get them ready for the experience. There were 21 students involved this year.

Miracle Wash, a student, spoke about her experience as an Administrative Assistant in the Utilities Department. She got to work not only as an Administrative Assistant, but in the shop where she learned to weld and in the warehouse where she did requisitions. She hoped that the City continues this program.

[1] EXHIBIT A: 2017 Summer Youth Employment Program

Amari, who also worked in Utilities, helped put the pipes in the ground. He enjoyed it and learned a lot.

Dysheria worked in Billing and Customer Service and this was her second year in the program. She did various tasks such as mail, speaking on the phone, etc. She felt that this is an eye opener if you have never had a job before. She thanked the City for the experience.

Chris Collier, Water Field Operations Manager, mentioned that he had four interns who were very committed. He appreciated their positive attitude and the teamwork displayed. They were a true testament of the program and what it is about.

Brian Green, a Mechanic in WFO, offered gratitude and congrats to the students. He was privileged to work with both Miracle and Amari. They learned shop tools, welding, and how to properly clean a shop. He showed a sculpture made by Miracle and Amari. All kids did a great job and showed excellent computer skills, work ethic, teamwork, and problem solving. He hoped that this would help all of them in their future endeavors and wished them all good luck.

Mr. Collier mentioned that he has worked with teen programs many times but this was one of the best. He shared some of the youth's aspirations, such as Miracle, who wants to be a Supreme Court Judge; Amari, who wants to be a Software Engineer; and others who want to be things such as archeologists and engineers. All of these youth will be successful and he is proud of them all. He felt proud to serve alongside of them again and hoped to in the coming years.

Jana Bauer from Career Source advised that for the past six weeks she has helped them train and shaped them for these positions. She trained them on everything from attendance to business etiquette, such as putting down cell phones, how to dress, etc. She also stressed to them the importance of commitment. Over the five weeks they worked she conducted 70 site visits. During these visits she got to see what the teens were doing and meet with the managers. She pointed out that all of the students have shared that they were able to see the big picture and what it takes to have a functioning city.

Ms. Bauer thanked the City for their second year of partnership and appreciated the City for shaping these teens. She thanked managers for taking the teens under their wings and the families for helping them complete this program.

Lastly, she thanked the students for taking the initiative to do the program. They can do whatever they want in life if they keep their drive.

Certificates were presented to all of the teens who completed the program.

2. Legislative Update provided by Jerry Sansom and Representative Tom Goodson. (17-315).

Mr. Sansom commended the City on the Summer Youth Program and hoped that the City could find ways to expand it to more people in the future. He thanked the Mayor for allowing him to speak and mentioned it was a very interesting legislative session this year. Tallahassee seemed to be in battle with the cities. He appreciated the city allowing the City Manager to come to Tallahassee to share information on CRA's. He feels that his information provided a lot of insight to the legislators and he thanked the City Manager again.

He mentioned the following bills and their results:

- HB 13 regarding CRA's did not pass
- HB 17 regarding Home Rule did not pass. It passed out of the House but did not go further
- Senate Bill 158-Firefighters Presumption Bill. This did not die as there is one with very strong feelings on the bill so it could still pass
- Vacation Rental Bill-died for now but feels it could come back and pass
- Septic Tank Bill-suspects it will come back again
- HB 487-Local Business Taxes did not pass
- HB 687 did not pass
- HB 7105-Additional Homestead Exemption will be on the ballot in 2018.

Discussion was held on the Additional Homestead Exemption. Mr. Sansom suggested that all cities sit down and look at their budgets to decide what stays and what goes. He stressed the importance of doing it ahead of time so that citizens were aware of services that would be cut up front and they would know what they were voting for. He believes that an informed public has the chance to make the right decision.

The next legislative session starts the second week of June because 2018 is an election year. The Brevard Delegation meeting is September 20th so anything that the City wanted to ask for needs to be done at this meeting. City Manager Titkanich has a form for the City's submittal.

Mr. Sanson noted it was always a pleasure representing the City of Cocoa.

Council thanked Mr. Sansom for providing the update. Mayor Parrish stressed the importance of being organized this year and that they need to speak with all of the senators and representatives that they could. Mr. Sansom agreed and advised that they have to be strategic about it.

Councilman Whipple thanked Mr. Sansom for all of the years that he has been involved with the City. His information was valuable and without him he did not believe that they would get to speak with as many representatives as they do. He knows that Mr. Sansom was personally concerned with what happens in the City of Cocoa and he looks forward to many more years.

Mayor Parrish reiterated the need to hit Tallahassee hard. In response, Mr. Sansom noted that he hoped that some became educated this last year and things would be different. He further advised not to wait until the legislative session to talk with the representatives. He advised staff to start early, as relationships can go a long way.

3. SR 524 Corridor Planning Study Presentation. (17-316). (Judy Pizzo, FDOT)

Ms. Judy Pizzo with FDOT provided a presentation[2] on the SR 524 Corridor Planning Study. She advised that they were presenting the recommendations for the corridor. The main areas of discussion would be 1)what has been learned; 2) what are the potential solutions; 3) How do we move forward?; and 4) Questions and Discussion.

Ms. Pizzo pointed out in detail the study area limits along with the way that the road looks today.

She discussed the purpose for the study, along with the needs, and why certain improvements were needed. She pointed out that the road has a higher than average crash rate. Additionally, there are major developments along SR 524 that will increase the traffic flow.

A summary of data analysis findings and reasons for improvements were land use, traffic, safety, and multimodel accommodations. Furthermore, Ms. Pizzo spoke about information that was gathered from the public and stakeholders at various workshops that were held.

[2] EXHIBIT B: SR 524 Corridor Planning Study

Michelle Kendall, Vice President and Area Manager, with WSP, thanked Council for allowing them to present the information. She advised that they have not heard anyone say that they were opposed to the widening of the road from two to four lands. There were, however, comments about the design output, which was to be expected.

Ms. Kendall discussed the conceptual alternatives for the I-95 interchange, S. Friday Road to Cox Road, and Cox Road to west of Industry Road. Raised medians, buffered bike lanes and sidewalks, additional lanes to accommodate traffic and speed limit reductions were all discussed.

Other important areas of the corridor were discussed and Ms. Kendall mentioned that FDOT has approved four traffic signals. Ramps on southbound I-95 will begin August or September of this year and a traffic light on Friday Road was in the works.

Further discussion was held on the installation of traffic lights and other problems in the area as well as access management.

Ms. Kendall went over the possibility of a roundabout and advised that some love them and some hate them. They help with functionality and safety and people just have to get used to them. At this level of the study they do a level one screening to see if a different level of criteria is met. Both Cox Road and London Road may have the potential to have roundabouts.

The next steps of the study were reviewed along with the key issues for additional analysis in PD&E study. The final steps are as follows:

- Corridor alternatives and strategy report: July 2017
- Study Close-out: July 2017
- Project Development and Environmental Study (PD&E) Begins: 2018

Council members thanked Ms. Kendall and Ms. Pizzo. Mayor Parrish thought it looked great.

Councilwoman Warner mentioned that the one question she received was how soon this would happen. In response, Ms. Pizzo noted that the PD&E study typically takes two years. This study was important in identifying what the issues were in the area. This way when they do the PD&E study they are not doing

work that has already been done. Altogether it could take 2-3 years. They are a very proactive group so hopefully it stays on track.

Mayor Parrish advised that everyone was watching and appreciated the detailed work that they were doing.

4. Swearing In of New K9 Copper

Councilwoman Warner introduced K9 Copper and his handler Officer Hattaway. She advised that K9 Copper was a donation from Oakhill Kennels and that he has his therapy dog certification and his AKC Canine Good Citizenship Certification. He has been working for about 98 months.

Chief Cantaloupe thanked Councilwoman Warner for thinking of the police department and thanked City Council and the City Manager for allowing them to accept K9 Copper as a donation to the City.

Chief Cantaloupe provided the Oath of Office to K9 Copper and Mayor Parrish attached his official badge to his collar.

IV. DELEGATIONS:

CJ Watson, 1203 Montclair Road, Cocoa, stated that he was in attendance two weeks ago and did not appreciate the feedback from Deputy Mayor Boisvert. He respects them all as public servants and would like the same respect. He reiterated that he was in attendance once again to speak about the hazardous wastes in the City's water. He provided facts on the dangers of fluoride in water.

Karen Watson, 997 Palmer Street, Rockledge, echoed her son's remarks regarding the dangers of fluoride in the city's water system. She feels that it is alarming to see what is knowingly being put into water.

Aleck Greenwood, 640 Brevard Avenue, Cocoa, explained a situation that he was involved in regarding business owners within the Village. He felt that the situation should have been handled one on one with the person involved and not handled as it was. He voiced his disappointment with the lack of communication and believes that the way things are being handled are negative and will hinder others from getting involved with the City. He would like to see things go back to how they used to be.

V. CONSENT AGENDA:

1 Authorize the City Manager to Approve Change Order #2 to P.O. 69809 with Burnett Lime, Campobello, South Carolina, for Cal Flo Liquid Lime; To Approve Change Order #1 to P.O. 69259 with Tropichem Enterprises, Palm Beach Gardens, Florida, for Wisprofloc-n-starch; and to Approve Change Order #1 to P.O. 69178 with Brenntag Mid-South Inc., Orlando, Florida, for Liquid Chlorine; To Approve a Resolution Amending the FY2017 Budget. (17-270). (Utilities Director)

2. Approve Participation in a Cooperative Purchase Agreement with Hydromax USA to Perform the Wellfield Valve Locating and Assessment Project Utilizing Seminole County Contract No. IFB-602347-15/GCM Effective November 23, 2015 through November 23, 2018. (17-306). (Utilities Director)

3. Approve a Resolution Amending the FY2017 Budget; To Approve Change Order #1 to P.O. 70029 with Stantec Consulting Services, Inc. fka Burton & Associates, Inc. for Regional Water Supply Project, WS0919. (17-313). (Utilities Director)

* **MOTION by Deputy Mayor Boisvert; Seconded by Councilwoman Warner, to approve the Consent agenda.**

AYES: Parrish, Boisvert, Blanco, Warner, Whipple

THE MOTION CARRIED UNANIMOUSLY (5-0)

VI. PUBLIC HEARINGS:

1. Ordinance No. 10-2017/ 1st Reading: Amending Appendix A, Zoning, Article XI, Section 19 of the City Code, providing for outdoor propulsion testing facilities as a Special Exception use in the M-2 (Manufacturing and Industrial) District. (17-321). (Acting Community Services Director)

City Attorney Garganese read the ordinance into the record by title only, as follows. He advised that this was the first reading of the ordinance.

ORDINANCE NO. 10-2017

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF COCOA, BREVARD COUNTY, FLORIDA; AMENDING APPENDIX A, ARTICLE XI, SECTION 19 OF THE COCOA CITY CODE; PROVIDING FOR OUTDOOR PROPULSION TESTING FACILITIES AS A SPECIAL EXCEPTION USE IN THE M-2 MANUFACTURING AND INDUSTRIAL DISTRICT; PROVIDING FOR THE REPEAL OF PRIOR INCONSISTENT ORDINANCES AND RESOLUTIONS, INCORPORATION INTO THE CODE, SEVERABILITY, AND AN EFFECTIVE DATE.

He noted this ordinance if passed will create a new special exception use in the M-2 district. There is a business that has shown interest in this type of business and staff attended a testing in order to get more information on the request and to see whether or not this was capable of being done in the area.

Ms. Bunt advised that she did not have a presentation but there were representatives in attendance. She, along with other staff members attended a testing and the sound registered 84 dBA and the City Code allows for 90 dBA.

Mayor Parrish opened the hearing to the public.

Mark McClellan, who works for Rocket Crafters, provided pictures to Council of the stand and of the motors. He described the size of both.

He further showed a picture of the first test fire that was done and pointed out that the wooden barriers are about 7 ½ feet tall.

Mayor Parrish asked what the duration of the sound was. In response, Mr. McClellan noted about 15-20 seconds. When they begin to test larger engines they will go to Dale Coxwell's location. The engines will be about 6 feet long and about 12 ½ inches in diameter.

Councilman Whipple asked if the engines would create a sonic boom.

Mr. McClellan stated no. It would not be landed once it was built. This would only be static testing and no launches. He further stressed that the engines can burn but cannot detonate. Additionally, if they ever go off course they can turn off of the engine and bring it down by a parachute. All that will be done at this location is the testing of small engines. They would use a pad at the air force station for large engines. The sound is not any louder than things such as sandblasting, which is currently being done in the area.

Dale Coxwell, 804 Chatsworth Drive, Melbourne, owns a business on Cidco Road. He advised that they produce a very small thrust and compared to a thrust on an airboat, it was probably smaller and quieter. He has been working with Rocket Crafters as a strategic partner. They intend to employ about 100 people in the next year or so. He has agreed to service any of their equipment and believed it was a great opportunity for the City.

Mayor Parrish closed the hearing to the public.

* **MOTION by Deputy Mayor Boisvert; Seconded by Councilman Whipple, to approve Ordinance No. 10-2017 on first reading.**

AYES: Parrish, Boisvert, Blanco, Warner, Whipple

THE MOTION CARRIED UNANIMOUSLY (5-0)

VII. COUNCIL BUSINESS:

1. Approval of a route change for the 2017 Walk to End Alzheimer's scheduled for September 23, 2017 in Riverfront Park. The route extends through Cocoa Village. (17-305). (Acting Community Services Director)

Ms. Bunt presented the item and pointed out the requested changes to the route. The major changes include beginning the walk in the opposite direction and changing the route to exclude Oleander Street, Stone Street, and Factory Street.

* **MOTION by Councilwoman Warner; Seconded by Councilwoman Blanco, to approve the item.**
AYES: Parrish, Boisvert, Blanco, Warner, Whipple

THE MOTION CARRIED UNANIMOUSLY (5-0)

VIII. CITY BUSINESS:

None.

MULTI-YEAR CONTRACTS:

1. Approve the Resolution waiving the competitive bidding process by reason of sole source for Esri, Inc., approve the multi-year Esri Small Government Term Enterprise License Agreement, approve the multi-year Esri Small Utility Term Enterprise License Agreement, and authorize the City Manager to approve and sign each of the license agreements pending City Council approval of the FY2018 budget. (17-301). (Assistant City Manager)

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

AYES: Parrish, Boisvert, Blanco, Warner, Whipple

THE MOTION CARRIED UNANIMOUSLY (5-0)

IX. INFORMATIONAL AGENDA:

1. Review of the Costs Associated with the Emergency Repair of the Sanitary Sewer Main on Rosa L Jones Blvd. - May 2017. (17-287). (Utilities Director)

2. Cumulative purchase approvals over $35,000 and under $50,000 for period 10/01/2016 to 06/30/2017. (17-307). (Finance Director)

3. Data showing the relation between the estimated and actual income and expenses to date. (17-310). (Finance Director)

4. 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. (17-311). (Finance Director)

5. FY 2017 Budget Adjustment Report. (17-312). (Finance Director)

6. Review of the Employee Health Center utilization report provided by CareATC for June 2017. (17-314). (Administrative Services Director)

X. REPORTS:

Mr. Wegerif spoke in regards to the recent flooding problems in the downtown area and advised that Public Works had been actively looking at manholes and inspecting the system. Nothing has been found in terms of buildup and they were currently working with FDOT. FDOT has agreed to inspect the pipes and other deficiencies. He stressed that everyone was aware of the problems, there have just been very intense rainstorms in the past month.

Councilman Whipple mentioned the problems that used to be on Jackson Street but with the work that had been done the problem was alleviated. Mr. Wegerif thanked him for the update and appreciated the feedback.

Ms. Bunt stated that she was aware of the issues that were addressed under Delegations and that the Building Inspector had posted some of the buildings. Council can speak with her individually if they would like.

Assistant City Manager Fuhrer advised that they needed to put together legislative priorities for the upcoming legislative session. Space Coast League of Cities has requested these and needs them by August 1st. Each member of

Council was provided a form and he pointed out that some cities ranked issues. He noted that they were looking for a consistence among Council along with a rating. The priorities so far are as follows:

1- Support for Home Rule
2- CRA's
3 -Road projects: SR 524, SR 520, Fiske Boulevard, Clearlake Road and SR 524
4- Opposed Firefighter Cancer Presumption
5- Continued support of community schools

He requested that all Council complete the form so that they can return it to the Space Coast League of Cities. This will then be taken to the Delegation meeting being held in September.

Assistant City Manager Fuhrer further advised that staff met with Reverend Robbins who has approached Council many times regarding the issues on Washington Street. Others who met were George Brown, Chief Cantaloupe, Ed Wegerif and a rep from FDOT. The situation was observed just after 5 p.m. and there were a few instances where traffic backed up. Alternatives were discussed such as repositioning of signs. The City would continue enforcement. Reverend Robbins was pleased and everyone now has a better understanding of the problem.

Assistant City Manager Fuhrer noted that the budget books were distributed and the Budget Priorities Workshop is on August 9, 2017 at 5:30 p.m. He pointed out items within the budget that had to be adjusted.

Assistant City Manager Fuhrer advised that the next agenda would include a strategic plan update for informational purposes and the Police Department Analysis has been done and the company would be submitting their findings. An update on the analysis will be done at some point.

In closing, he mentioned a lightning strike to Myrt Tharpe Square that brought down a power line. All of the systems functioned properly by the generator at City Hall, as the line powers City Hall. Circuits to the Oleander parking lot were not functioning; however, staff was working as hard as they can to fix the problem and for safety.

Councilwoman Blanco thanked Council for allowing her to participate via telephone and thanked Assistant City Manager Fuhrer for going over the agenda with her.

Councilman Whipple spoke about the restoration of Harry T. Moore Center and was glad to see it taking place. The projected completion date was August 18th. He believes it looks beautiful and the floors look fantastic.

Mr. Wegerif advised that the project was moving along. They bought products to place under the furniture in order to protect the floors when moving the furniture.

Councilwoman Warner pointed out that she was wearing her stair climb shirt as a reminder that the Fire Department was hosting the second Annual 911 Memorial Stair Climb in September. Council decided to wear the red shirts to the August 22nd Council meeting.

She further invited all to Riverfront Park on September 17th. Pam from "Tales from the Barkery" would be supplying cake for all of the canines. She thanked Pam for supporting K9 Copper and the City.

Mayor Parrish advised that there were areas in the County with serious draining issues that affect the city. He asked staff to coordinate with the County in order to get the issues looked into. He stated that staff may hear from residents in the affected areas.

Councilwoman Warner spoke of her disappointment in seeing that people in Port St. John were having issues with their water bills. Many of them feel that it is a deliberate effort on the City's side by employees. It was not our intention to cheat them into paying more. She wants to help solve the problems and does not want the City's employees to hear or see comments being made.

She appreciated the positive responses that the City of Cocoa has received regarding the recent incident that happened. The incident does not define the City or people who live in the City. She also encouraged parents to speak to their children about the incident.

Lastly, Councilwoman Warner thanked Chief Cantaloupe for helping with the swearing in of K9 Copper. She did not want the City Manager to think the Chief had anything to do with this, it was all her idea.

Deputy Mayor Boisvert thanked Mayor Parrish and Chief Cantaloupe for their professionalism over the incident. They did very well and he thanked all for coming to the meeting tonight.

Mayor Parrish acknowledged Chief Cantaloupe for a job well done.

Mayor Parrish asked the Assistant City Manager about a meeting with Aaron and in response, Assistant City Manager Fuhrer noted that they were working to schedule a meeting and the attorney's office was providing an opinion to address his concerns too.

Mayor Parrish advised that he would meet with the Port St. John residents if he can.

Mayor Parrish spoke in regards to the recent incident in Cocoa that gained international attention. There are not a lot of words for the tragedy that happened. It is hard to fathom. It is a problem for society and the Police Department and all of the others involved have done a great job handling what happened.

He reiterated that it is society and not a reflection of what we do in our town. It is terrible; at every level this was a bad deal.

In closing, Mayor Parrish pointed out that they have uplifted the town through policy changes and were moving the town forward.

Deputy Mayor Boisvert advised that the time of the TPO meetings has been changed to 3 p.m.

XI. ADJOURNMENT.

* **MOTION by Deputy Mayor Boisvert; Seconded by Councilman Whipple, to adjourn the Regular meeting of July 25, 2017.**

AYES: Parrish, Boisvert, Blanco, Warner, Whipple

THE MOTION CARRIED UNANIMOUSLY (5-0)

The meeting adjourned at 8:28 p.m.

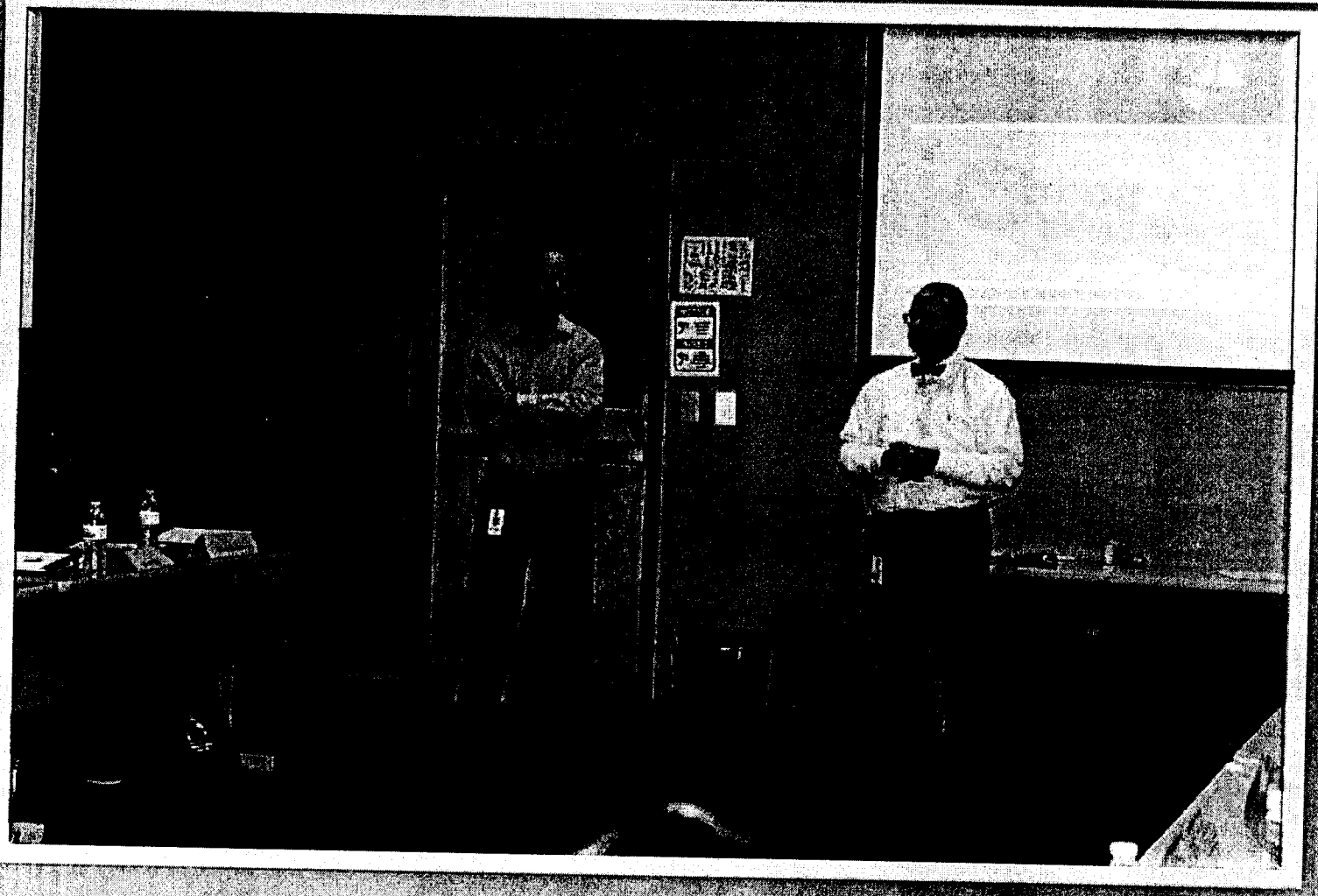
Henry L. Parrish III, Mayor

ATTEST:

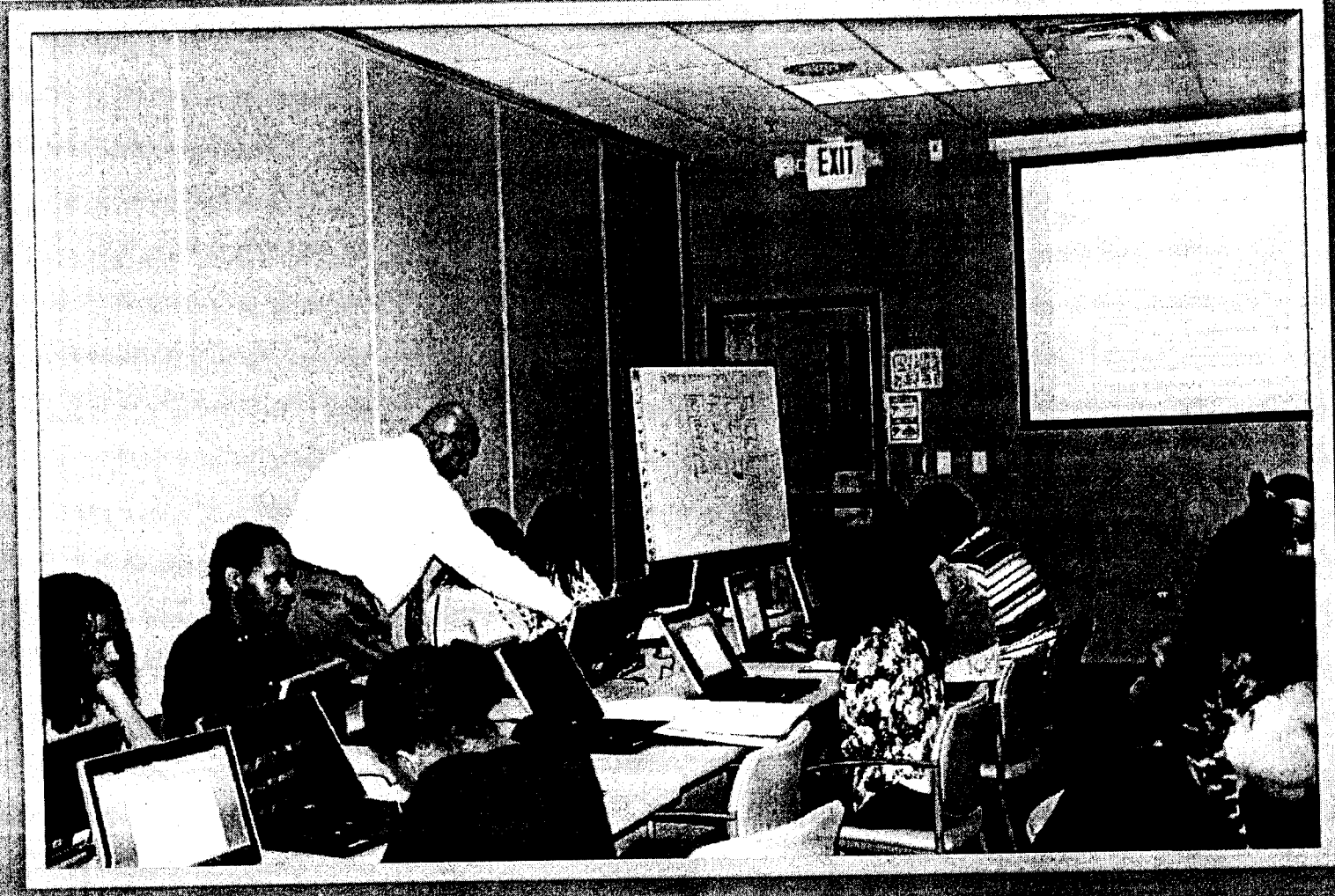
Carie Shealy, City Clerk



EXHIBIT A - 2017 SUMMER YOUTH EMPLOYMENT PROGRAM



Work Readiness Training- Introductions



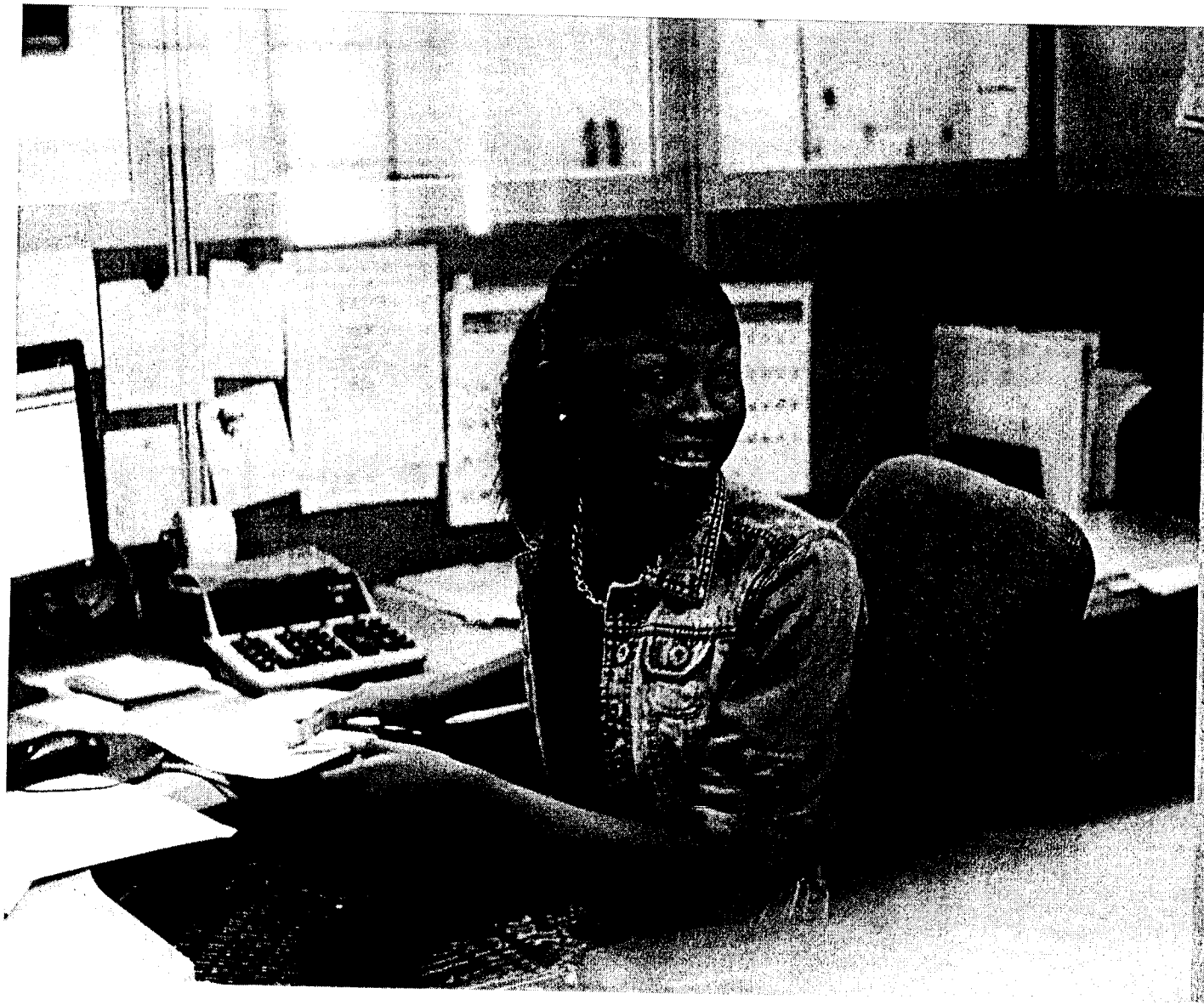
Work Readiness Training- Resume Writing



Work Readiness Training – Financial Literacy



Work Readiness Training – Interview Preparedness



Mariah Hamilton

Accounting Clerk
Finance



Jessica Mazzo

Code Enforcement Assistant



Hannah Deese

Economic Development Assistant



Yuri Marino

Engineering Assistant
Utilities



Dysheria Harris

Customer Service



Alexia Sanchez

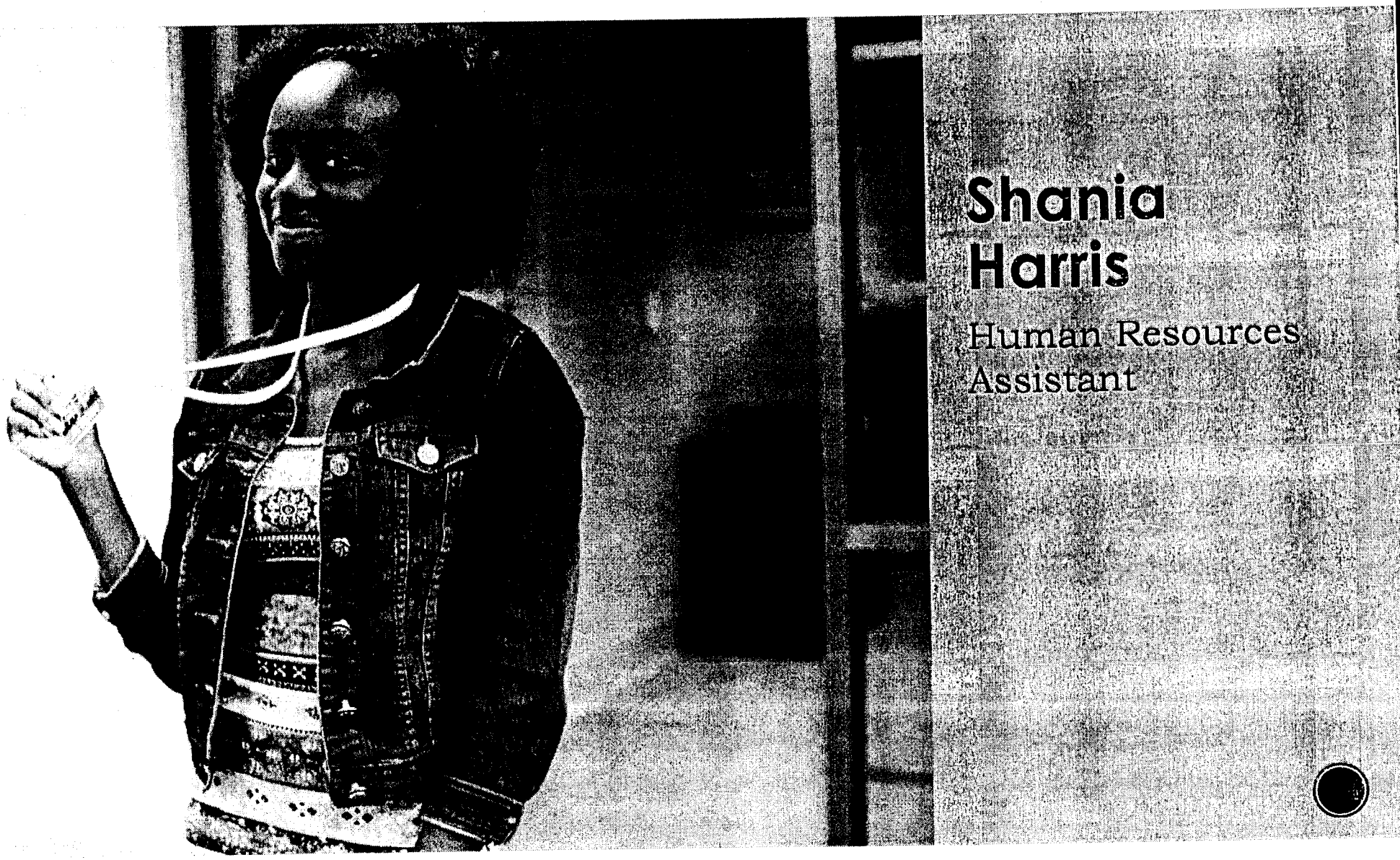
Help Desk Support

IT



A'Lacia Smith

Help Desk Support
IT



Shania Harris

Human Resources Assistant



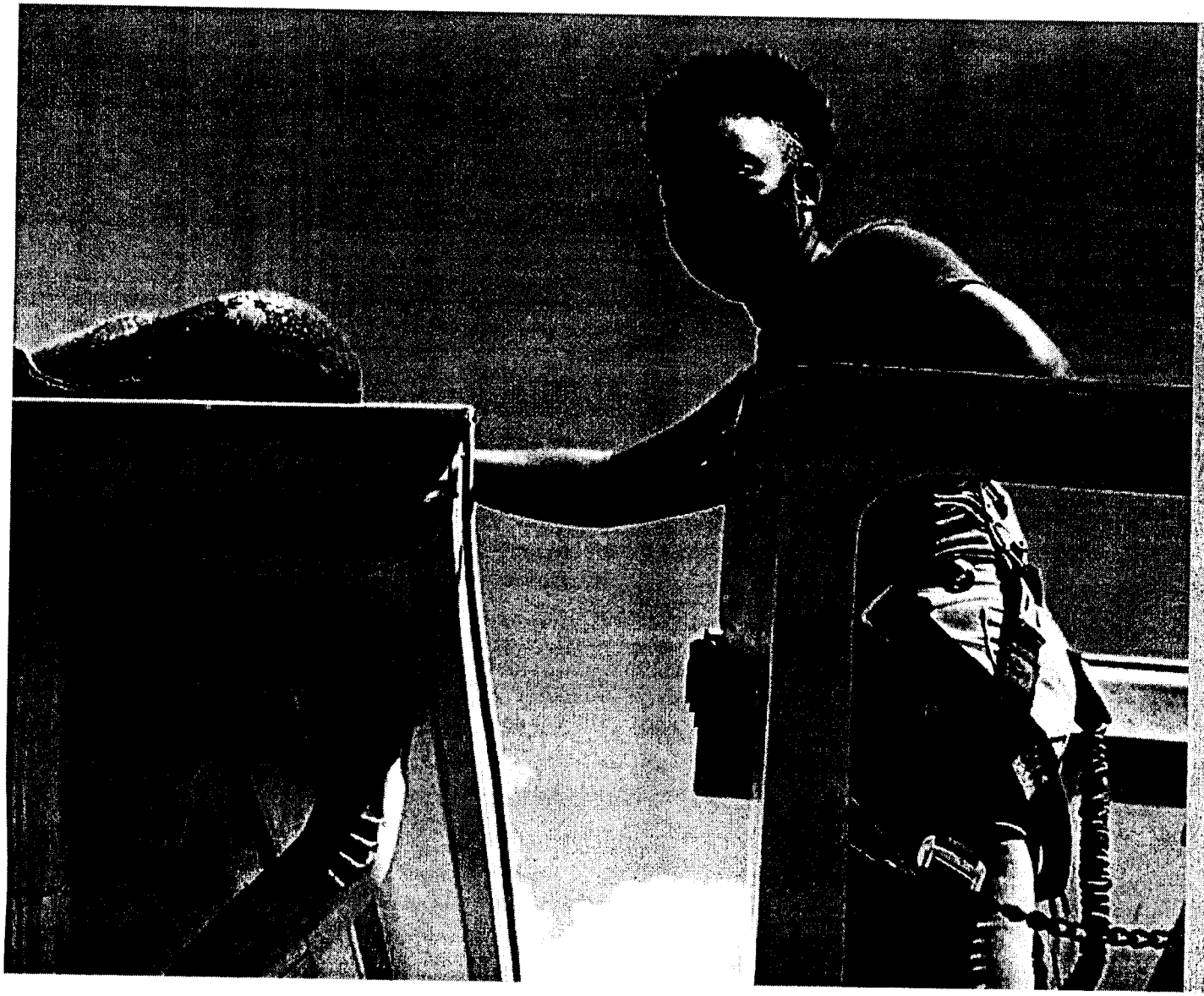
Jerelynn Washington

Human Resources Assistant



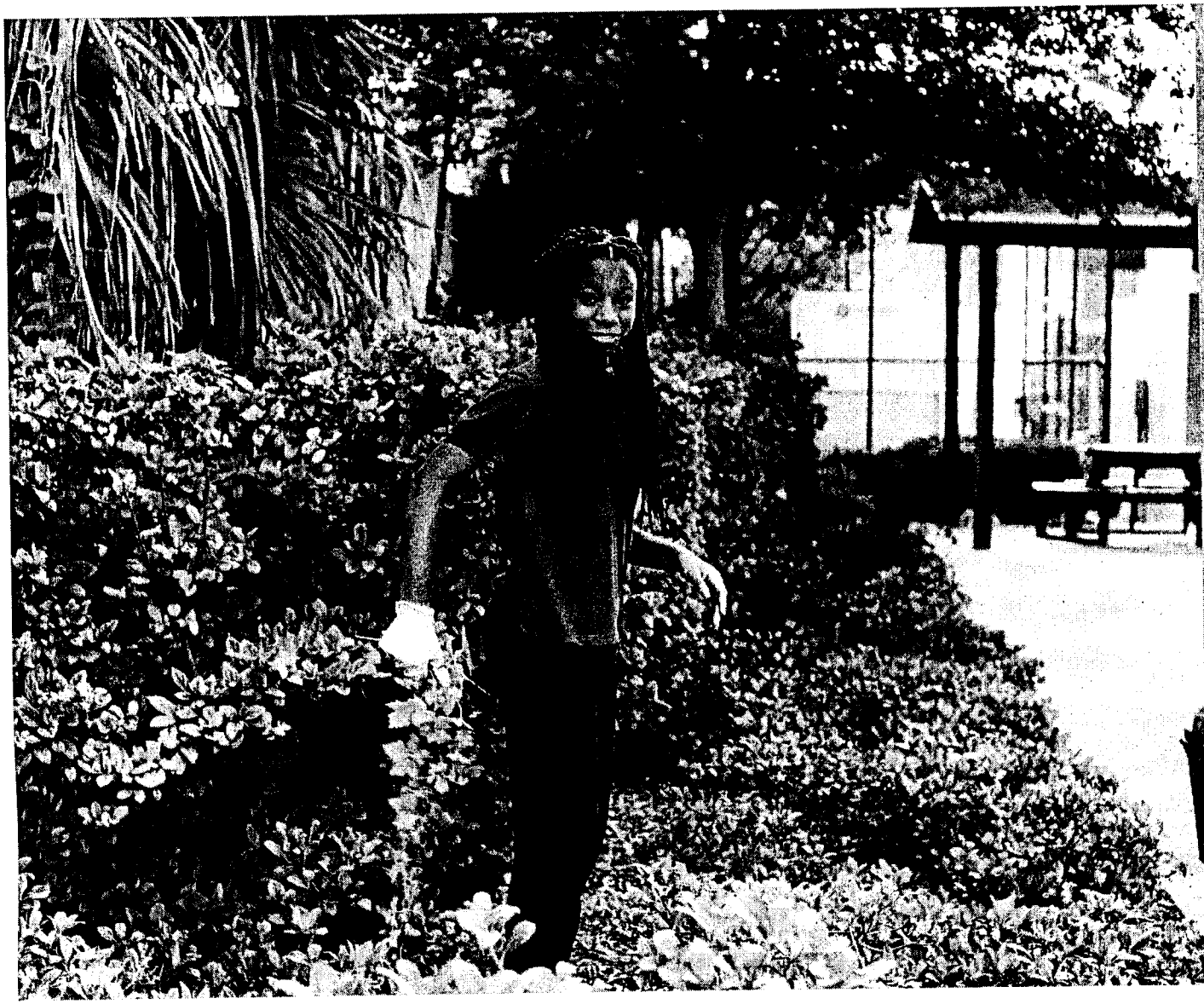
Cheyenne Harps

Leisure Services Assistant



Nelaysia Cunningham

Maintenance-Facilities
Public Works



Aaliyah Thomas

Maintenance – Grounds
Public Works



Jy'Keria Smith

Apprentice Operator
Utilities



Kiara Sellers

Maintenance Worker – Sellers Plant Utilities



Miracle Wash

Administrative Assistant Utilities



Jimaria Jones

Maintenance Worker
Utilities



Amaurin Snyder

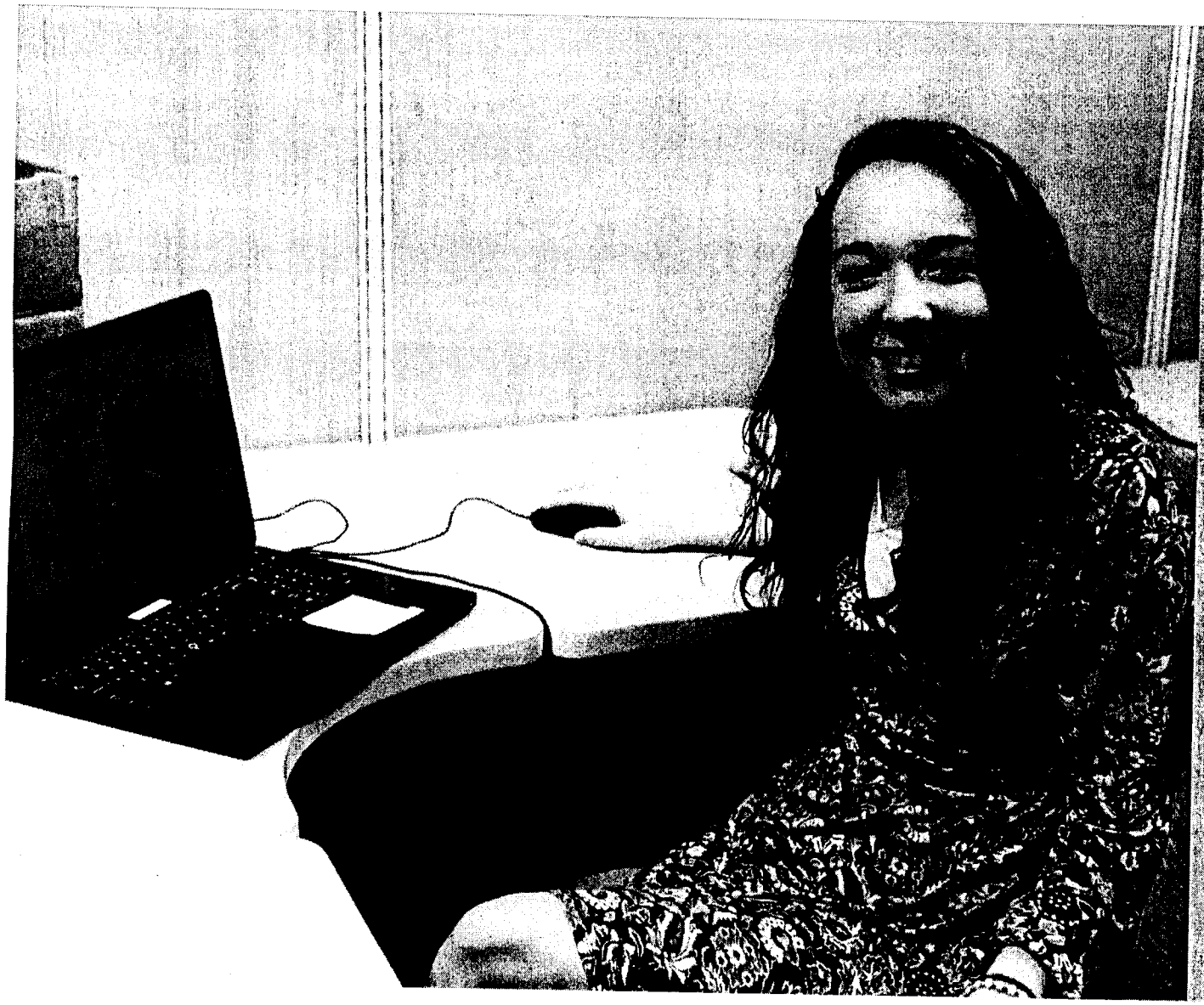
Maintenance Worker
Utilities



Jabari Wash

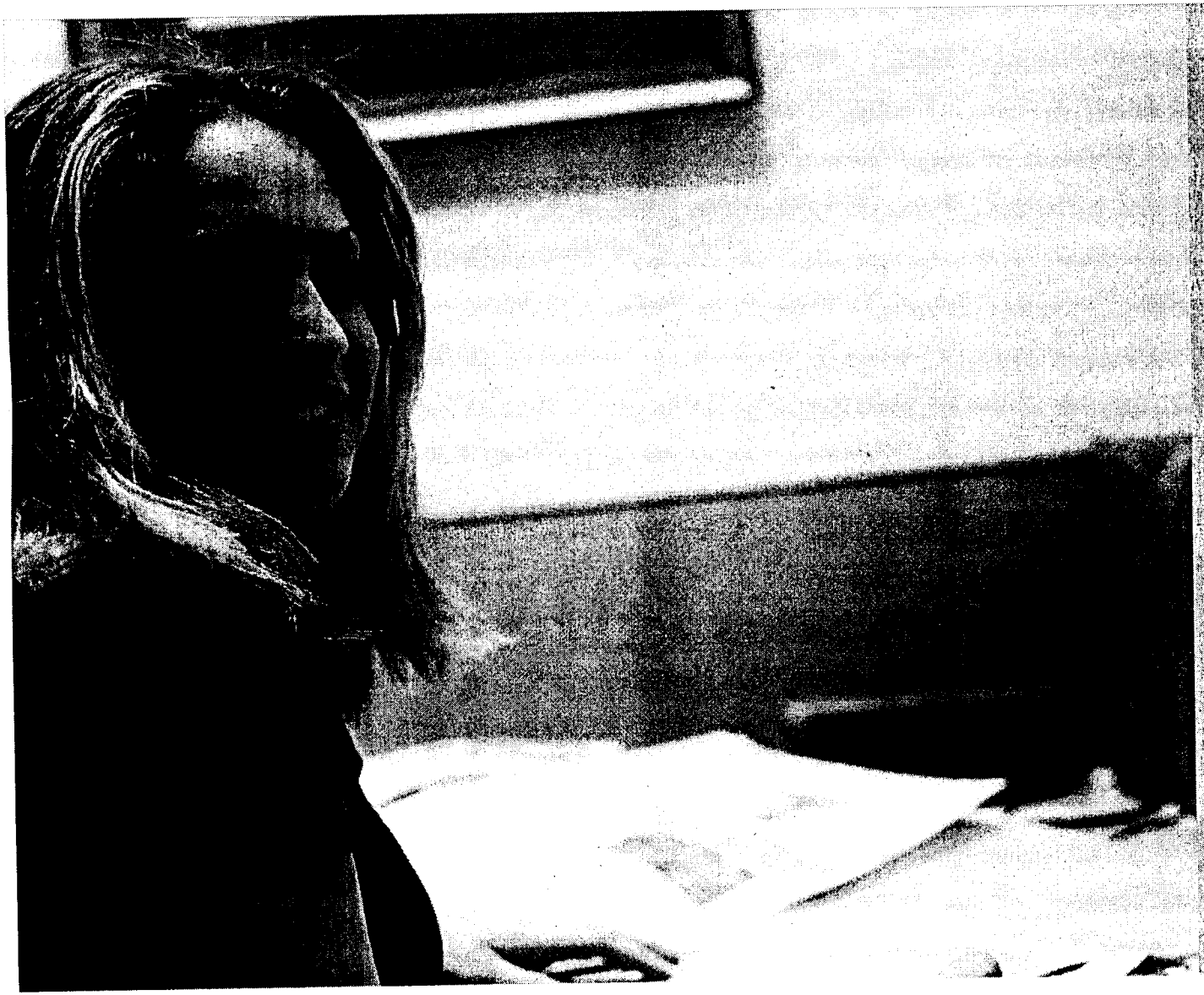
Maintenance Worker

Utilities



Julisa Doyle

Public Relations Assistant



Yanisa Alduen

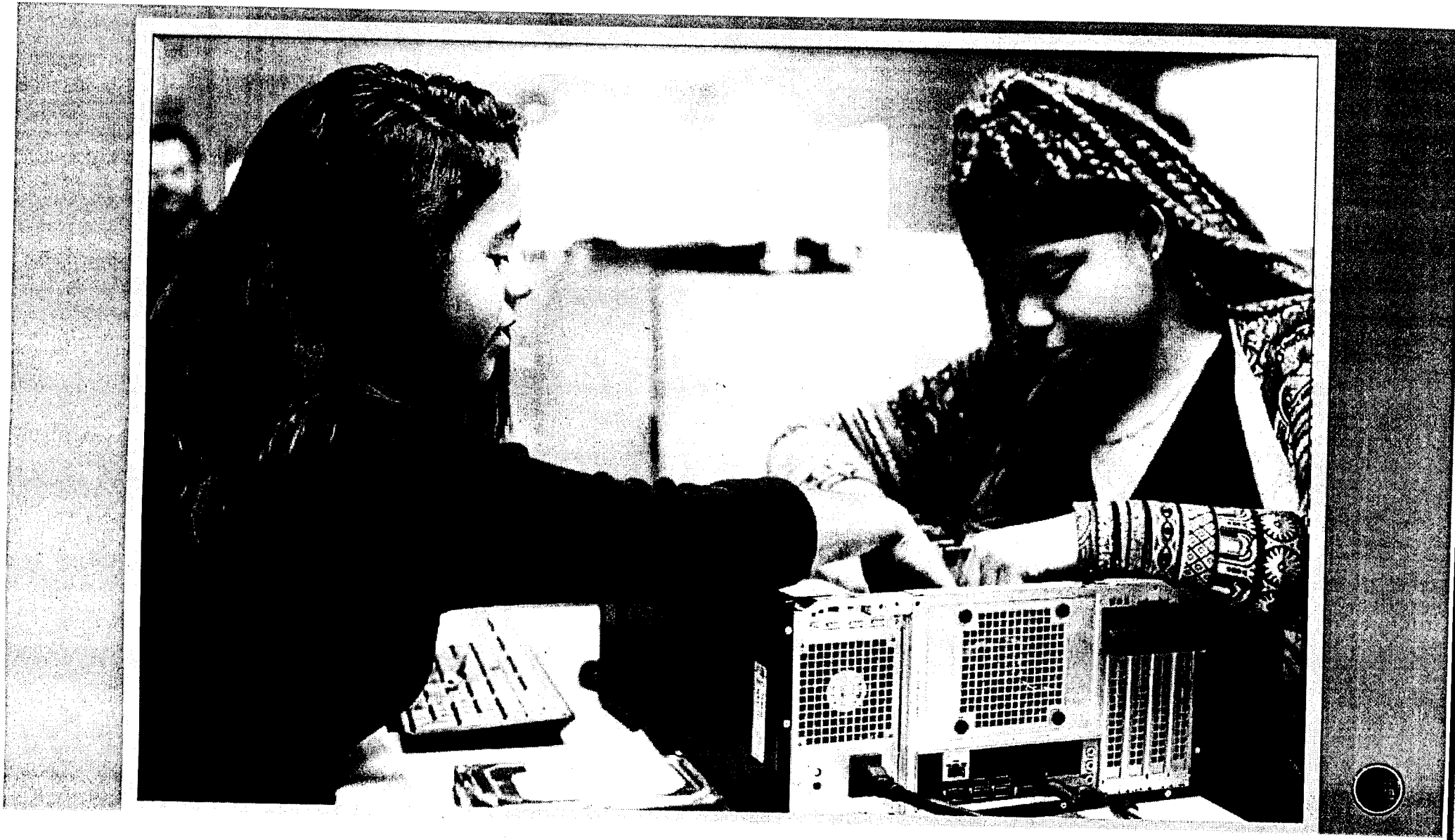
Records Technician
City Clerk



Claren Davis

Shop Helper
Fleet









Congratulations!







SR 524 Corridor PLANNING STUDY

FM# 437983-1

City of Cocoa

City Council Presentation

Cocoa City Chambers

July 25, 2017

FDOT

EXHIBIT B: SR 524 CORRIDOR PLANNING STUDY

Meeting Agenda

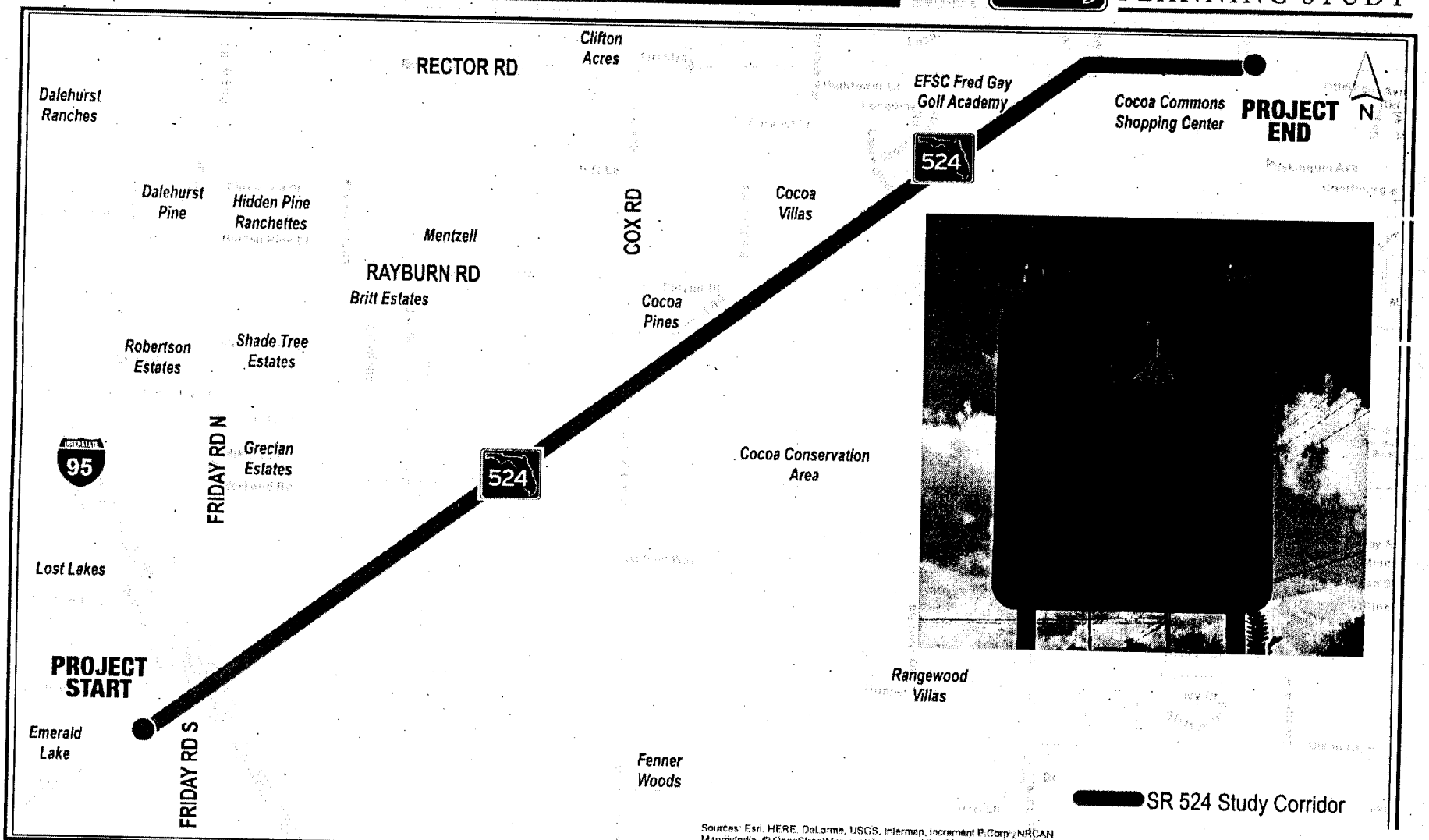
SR 524 Corridor PLANNING STUDY

- What Have We Learned?
- What are the Potential Solutions?
- How Do we Move Forward?
- Questions and Discussion

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What are the Study Area Limits?

SR 524 Corridor PLANNING STUDY

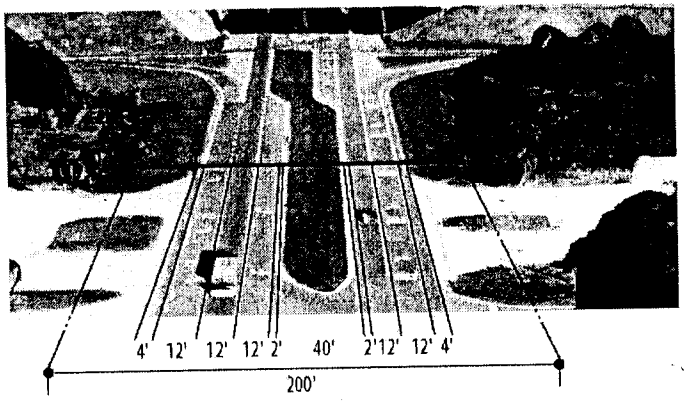


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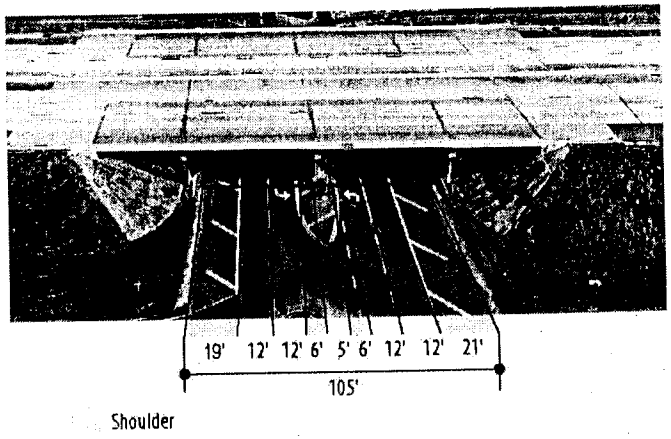
What SR 524 Looks Like Today

SR 524 Corridor PLANNING STUDY

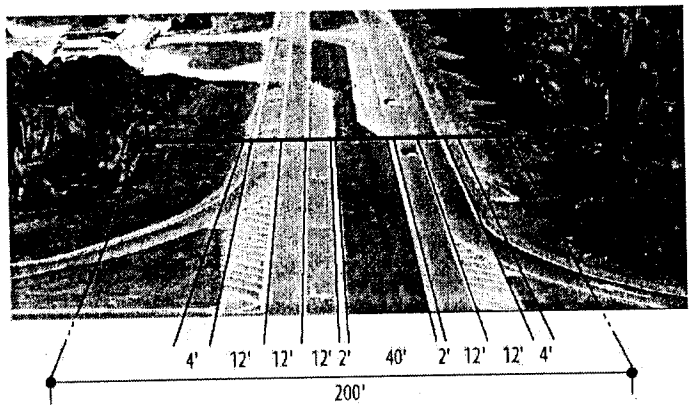
1 S. Friday Road to I-95



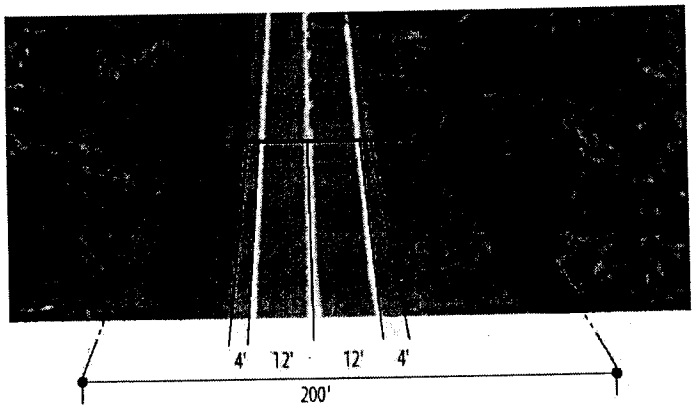
2 I-95 Interchange



3 I-95 to N. Friday Road



4 N. Friday Road to Cox Road

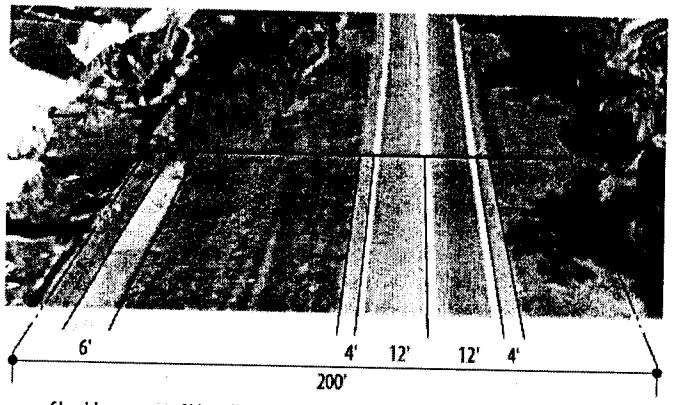


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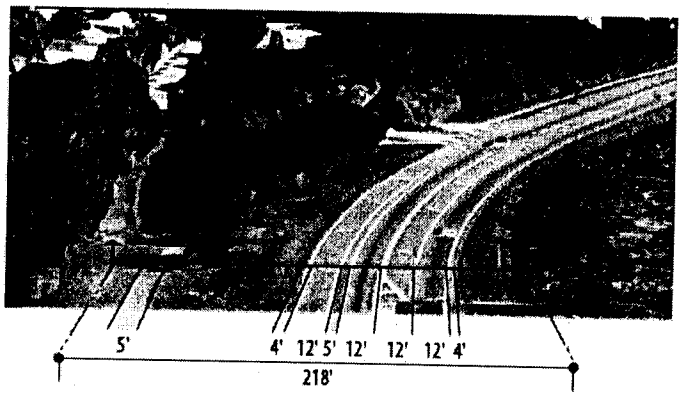
What SR 524 Looks Like Today

SR 524 Corridor PLANNING STUDY

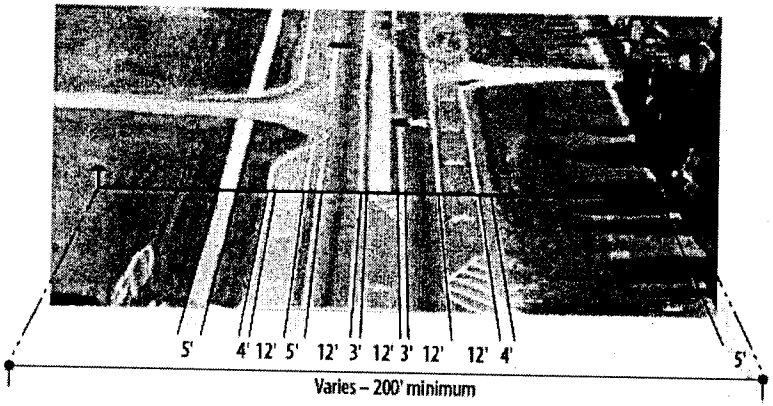
Cox Road to London Boulevard



London Boulevard to Shopping Center Intersection



Shopping Center Intersection to Industry Road



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SR 524 Corridor
PLANNING STUDY

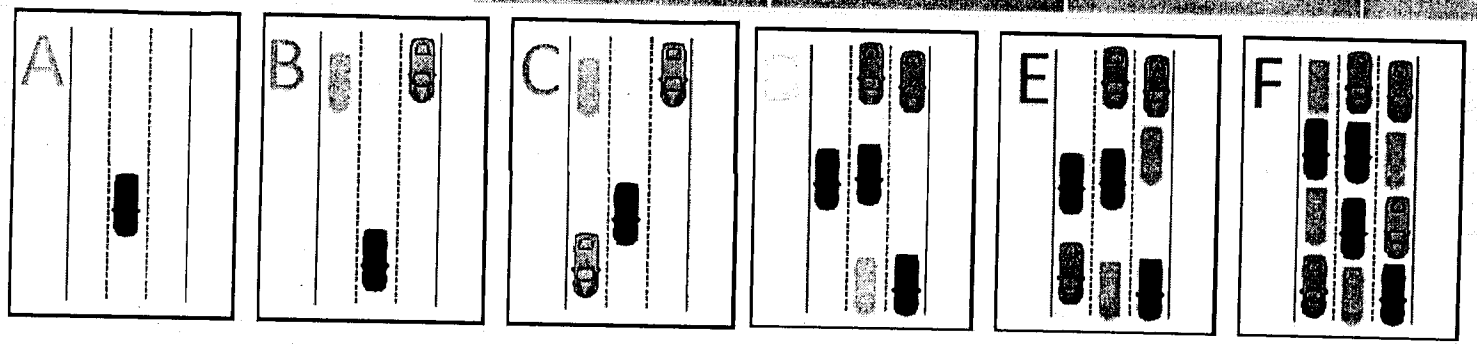
Purpose & Need:
What Improvements are Needed and Why?

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Roadway Operating Conditions will Decline

SR 524 Corridor PLANNING STUDY

Segment	2017		2040	
	AADT	LOS	AADT	LOS
S. Friday Road to I-95 SB	8,600	LOS C	21,100	LOS E
I-95 SB Ramps to I-95 NB Ramps	9,100	LOS C	21,700	LOS E
I-95 NB Ramps to N. Friday Road	9,900	LOS C	22,300	LOS E
N. Friday Road to Walmart Access Road	7,300	LOS C	18,600	LOS E
Walmart Access Road to Cox Road	7,300	LOS C	16,600	LOS C
Cox Road to Pinyon Drive	10,600	LOS C	18,700	LOS E
Pinyon Drive to Westminster Drive	10,600	LOS C	18,800	LOS E
Westminster Drive to London Blvd	9,300	LOS C	17,600	LOS D
London Blvd to Shopping Center	14,200	LOS C	21,300	LOS E
Shopping Center to Industry Road	14,400	LOS C	23,300	LOS E



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Intersection Operating Conditions will Decline

SR 524 Corridor PLANNING STUDY

Intersection	Control	Peak Hour	2017 LOS	2040 LOS
S. Friday Road	Two-Way Stop Controlled	AM	C	F
		PM	D	F
I-95 SB Ramps	Two-Way Stop Controlled	AM	E	F
		PM	F	F
I-95 NB Ramps	Two-Way Stop Controlled	AM	C	F
		PM	C	F
N. Friday Road	Two-Way Stop Controlled	AM	C	F
		PM	C	F
Walmart Access Road	Signalized	AM	N/A	A
		PM		A
Cox Road	Signalized	AM	B	E
		PM	B	E
London Boulevard	Signalized	AM	A	A
		PM	A	A
Industry Road	Signalized	AM	B	F
		PM	B	F

Source: Analyzed using Synchro's HCM 2000 Unsignalized Intersection Capacity Analysis & Synchro's Lanes, Volumes, Timings Methodology. For unsignalized intersections, LOS reflects worst LOS on side road approach.

Higher than Average Crash Rate

SR 524 Corridor PLANNING STUDY

Motor Vehicle Crashes

- Higher than statewide average at 3.78 vs. 2.09
- Within I-95 interchange area – nearly 3x higher than statewide average
- 3 were fatal, 60 involved injuries, and 61 involved property damage

Pedestrian/Bicycle Crashes

- 4 bicycle/pedestrian accidents (2009 to 2013)

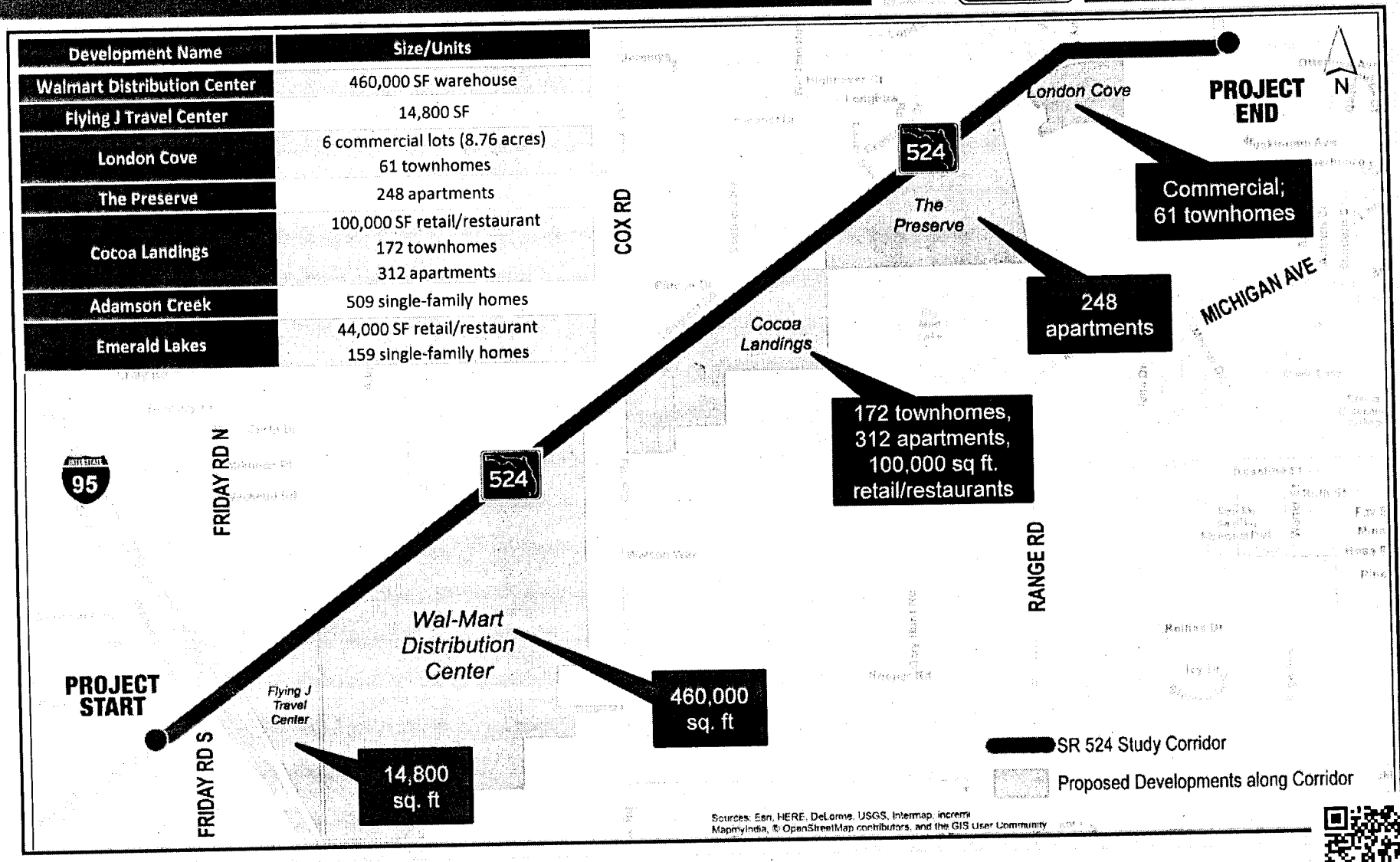
Crash Location	Total Number of Crashes	Pedestrian Involved	Bicycle Involved	Corridor Average Crash Rate	Statewide Crash Rate
S. Friday Road to I-95	1	0	0	6.15	2.63
I-95 Interchange	23	0	0	6.98	2.25
I-95 to N. Friday Road	12	1	0	4.30	2.63
N. Friday Road to Cox Road	14	0	0	0.28	0.93
Cox Road to London Blvd	21	1	1	0.32	1.72
London Blvd to Industry Road	53	1	0	4.65	2.38
Total (2010-2014)	**124**	**3**	**1**	**3.78 (Average)**	**2.09 (Average)**

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Major Developments will Increase Traffic

SR 524 Corridor PLANNING STUDY

Development Name	Size/Units
Walmart Distribution Center	460,000 SF warehouse
Flying J Travel Center	14,800 SF
London Cove	6 commercial lots (8.76 acres) 61 townhomes
The Preserve	248 apartments
Cocoa Landings	100,000 SF retail/restaurant 172 townhomes 312 apartments
Adamson Creek	509 single-family homes
Emerald Lakes	44,000 SF retail/restaurant 159 single-family homes

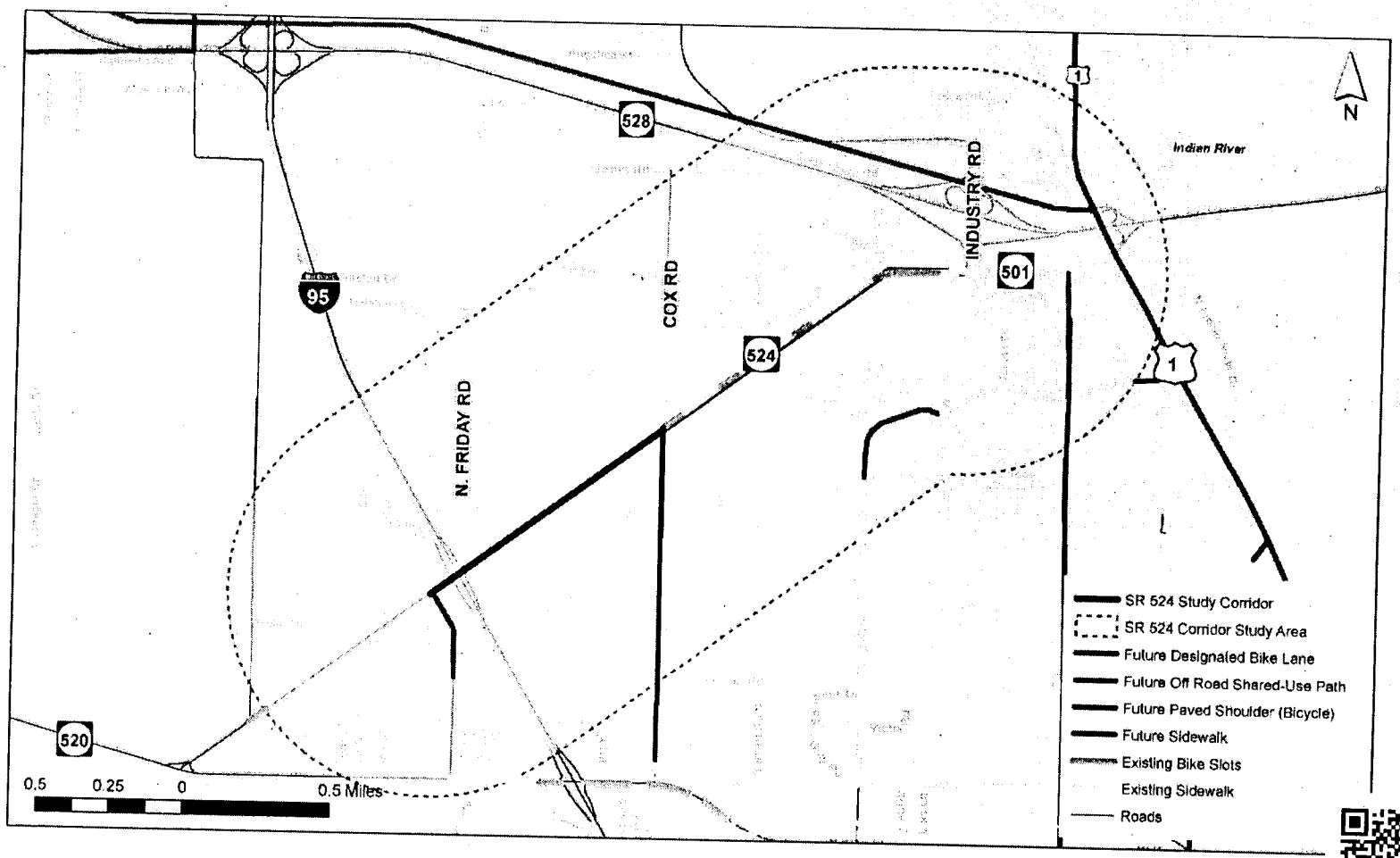


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Pedestrian Paths and Bicycle Lanes are Limited

SR 524 Corridor PLANNING STUDY

- Existing sidewalk on the north side between Cox and Industry
- Bicycle lane on the north side between London and Industry

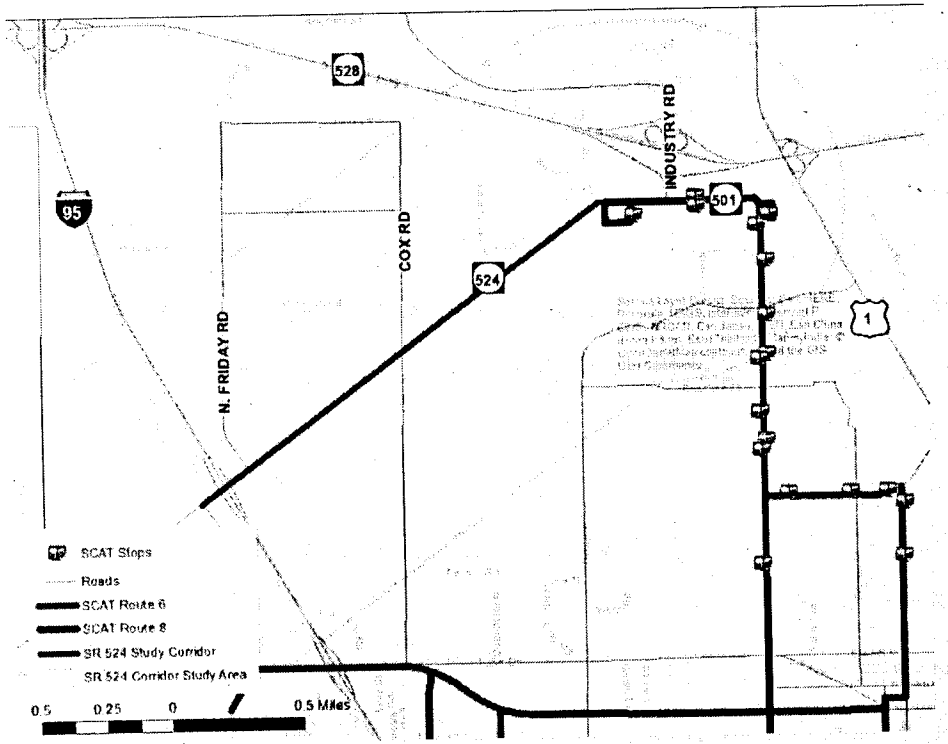


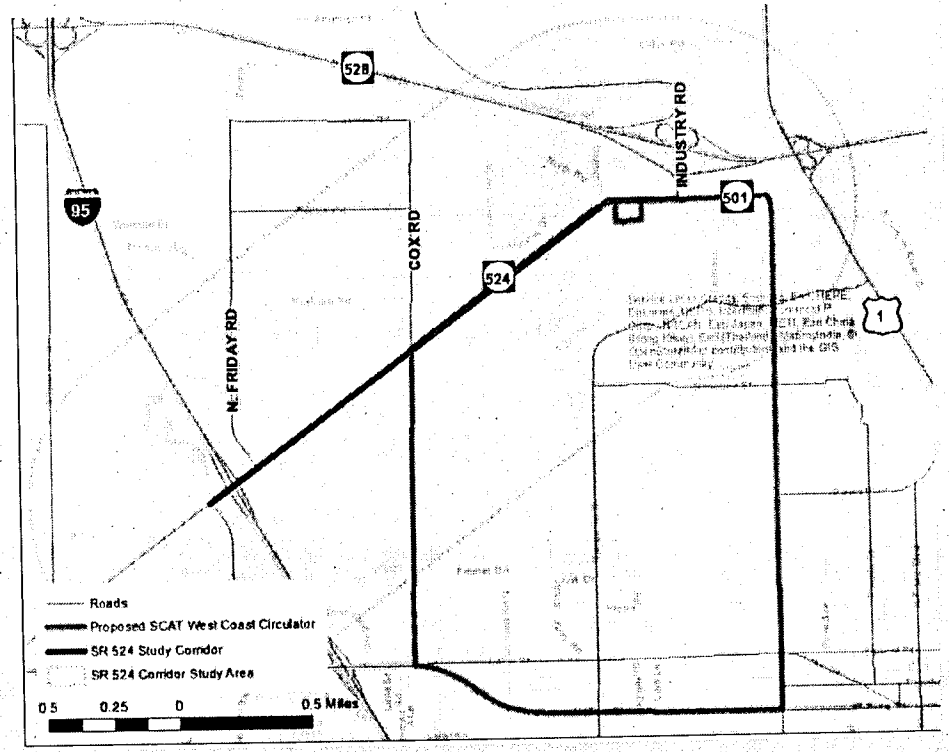
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Transit Routes are Limited

SR 524 Corridor PLANNING STUDY

- Currently served by two Space Coast Area Transit (SCAT) bus routes at corridor ends – Route 6 and Route 8
- Future West Cocoa Circulator route planned





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Summary of Data Analysis Findings: Reasons for Improvements

SR 524 Corridor PLANNING STUDY

- **Land Use**
  - The Corridor is projected to experience both **residential and employment growth** in the next 15 years. The combination of planned developments are estimated to generate over **12,000 additional trips** on the Corridor.
- **Traffic**
  - By **2040**, the majority of the Corridor is **projected to operate in failing conditions** with no geometric improvements to existing infrastructure.
  - By **2040**, the majority of the Corridor **intersections (five out of eight) will be operating at failing conditions** with no geometric improvements to existing infrastructure, with **particularly long delays at the I-95 Southbound ramp and N. Friday Road** intersections.
- **Safety**
  - **Vehicular safety improvements are needed**, particularly at the I-95 intersection.
  - **Pedestrian safety improvements are needed**, especially at London Road.
- **Multimodal Accommodations**
  - **Enhanced bicycle and pedestrian accommodations** are needed to provide safe travel for non-vehicular users of the Corridor.

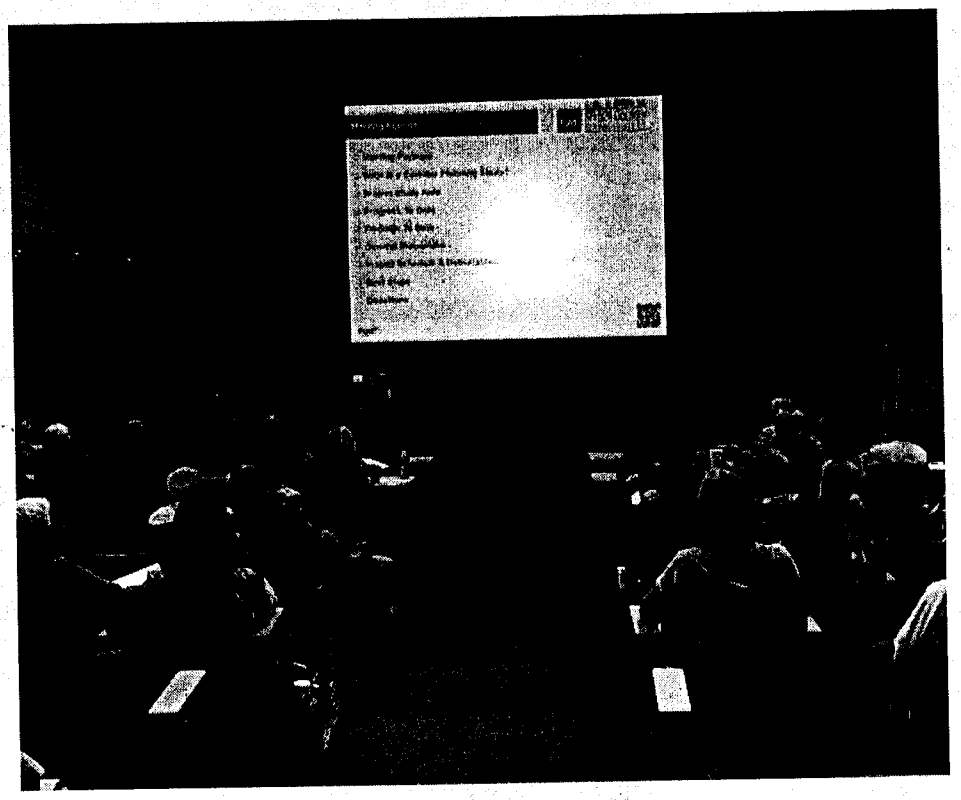
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What We Heard from the Public and Stakeholders....

SR 524 Corridor PLANNING STUDY

Concerns Included:

- Impacts of new development
  - On traffic volumes
  - On corridor character
  - On property values
- Provide additional roadway capacity (widening)
- Improve safety for all users
- Minimize right-of-way impacts
- Develop and maintain corridor character
- Provide safe and reliable access to all users
- Prioritize multi-modal facilities
  - Pedestrian & bicyclists; multi-use paths
- Ensure driveways are accessible and safe
- Improve I-95 interchange ramp terminal intersections
- Mitigate traffic noise
  - Noise barriers



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SR 524 Corridor
PLANNING STUDY

Recommendations to Improve SR 524 Corridor: Conceptual Alternatives

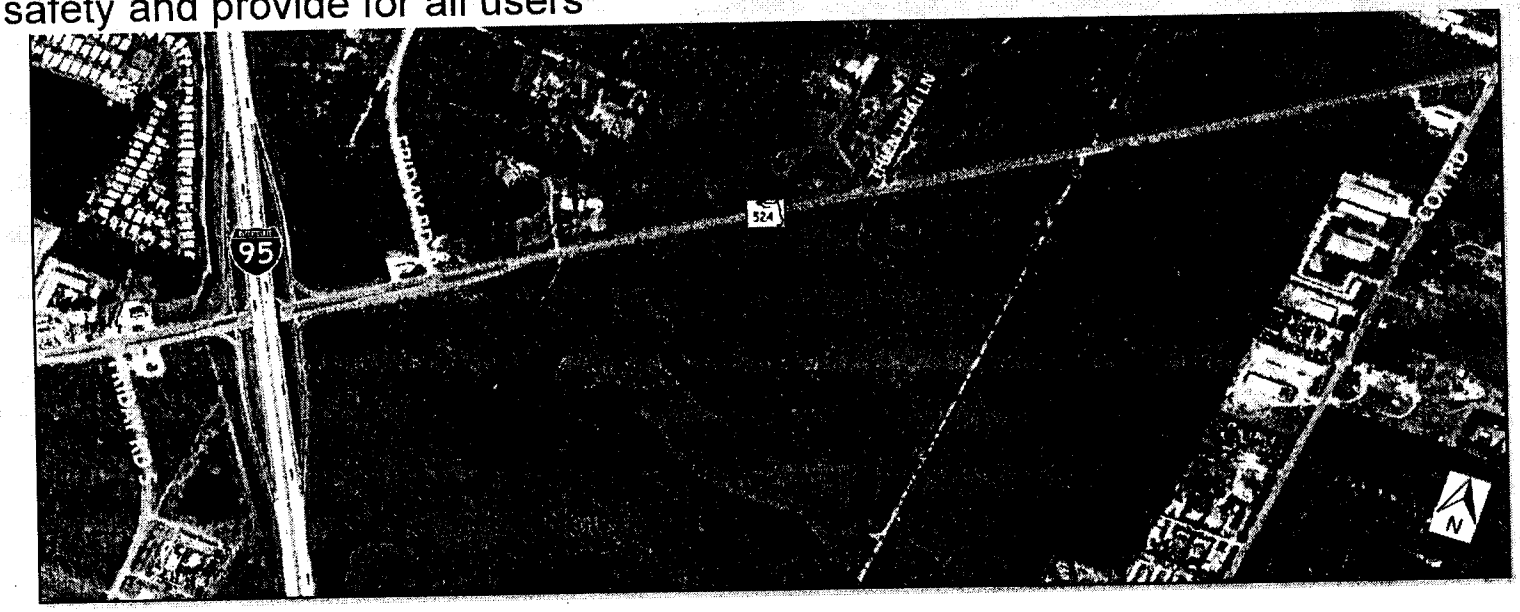
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Context Sensitive Improvements: S. Friday Road to Cox Road

SR 524 Corridor PLANNING STUDY

Industrial Character

- ***Four travel lanes*** to accommodate additional traffic
- ***Raised landscaped median*** reduces impervious surface area
- ***Wider through lanes*** (2-12' lanes in each direction to N. Friday; 1-12' lane, 1-11' lane in each direction - N. Friday to Cox) to accommodate anticipated truck volumes
- ***Major intersections signalized*** to improve safety and mobility
- ***Right turns lanes*** into Walmart Distribution Center to facilitate movement of traffic
- ***Accommodation for pedestrians and bicycles*** on both sides SR 524 to improve safety and provide for all users



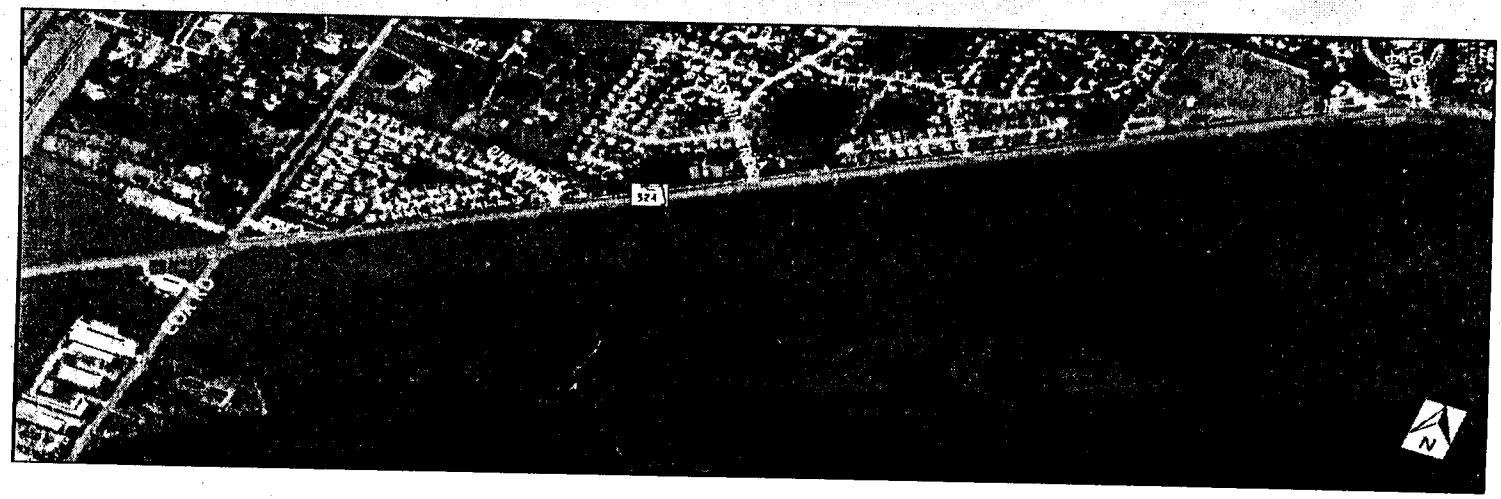
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Context Sensitive Improvements: Cox Road to west of Industry Road

SR 524 Corridor PLANNING STUDY

Residential/Mixed-Use Character

- ***Four travel lanes*** – accommodates additional traffic demand and mobility needs
- ***Winding alignment*** – slows traffic, supports livable communities, minimizes environmental impacts
- ***Narrower through lanes*** – 2-11' lanes in each direction
- ***Raised landscaped median*** – improves safety; improves aesthetics, minimizes stormwater runoff
- ***Speed limit reduction*** – slows traffic, discourages truck traffic, recognizes bike/ped presence
- ***Curb and gutter*** – improves stormwater collection away from pavement; helps reduce speeds by providing definable barrier
- ***Potential roundabouts*** at Cox Road and London Blvd – improves aesthetics, slows traffic speeds, improves traffic flow and mobility
- ***Enhanced pedestrian crossings*** – accommodates all users; improves safety
- ***Green bike lane*** closer to Industry Road – accommodates all users; improves safety



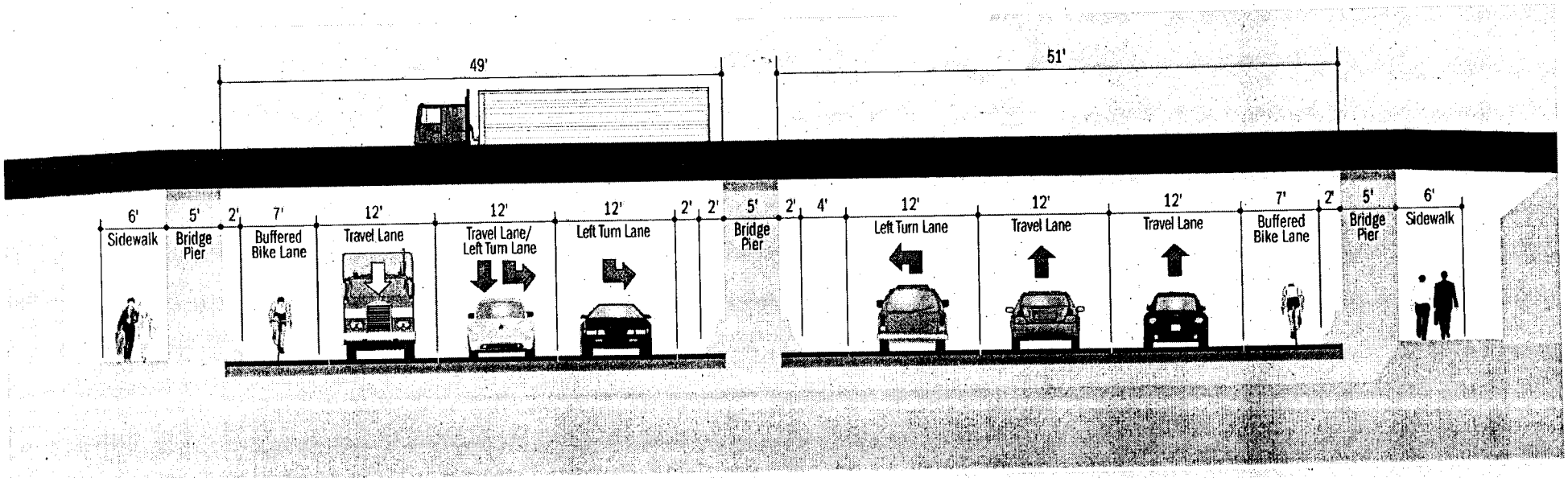
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Conceptual Alternative: I-95 Interchange

SR 524 Corridor PLANNING STUDY

Key Improvements:

- Additional travel lanes for future traffic at the interchange
- Additional turn lanes for heavy left turns onto southbound I-95
- Traffic signals at ramps to I-95 to improve safety and traffic flow
- Buffered bicycle lanes and protected sidewalks for pedestrian safety



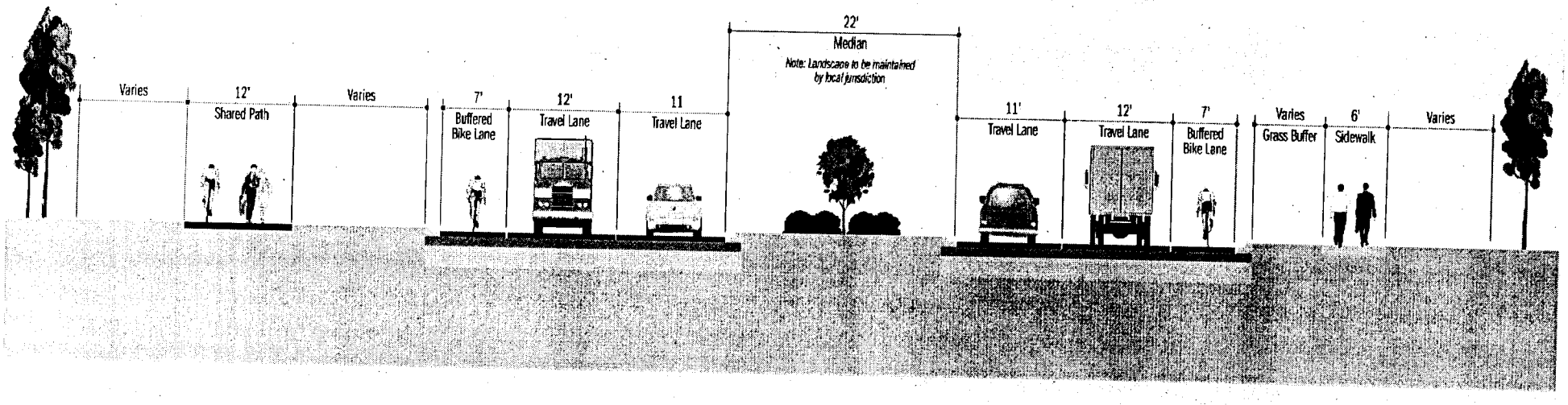
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Conceptual Alternative:
N. Friday Road to Cox Road

SR 524 Corridor
PLANNING STUDY

Key Improvements:

- Additional lanes to accommodate future traffic along the Corridor
- Buffered bicycle lanes and sidewalks, for pedestrian safety
- Raised median to improved safety
- Speed limit reduction, to promote increased safety for all users



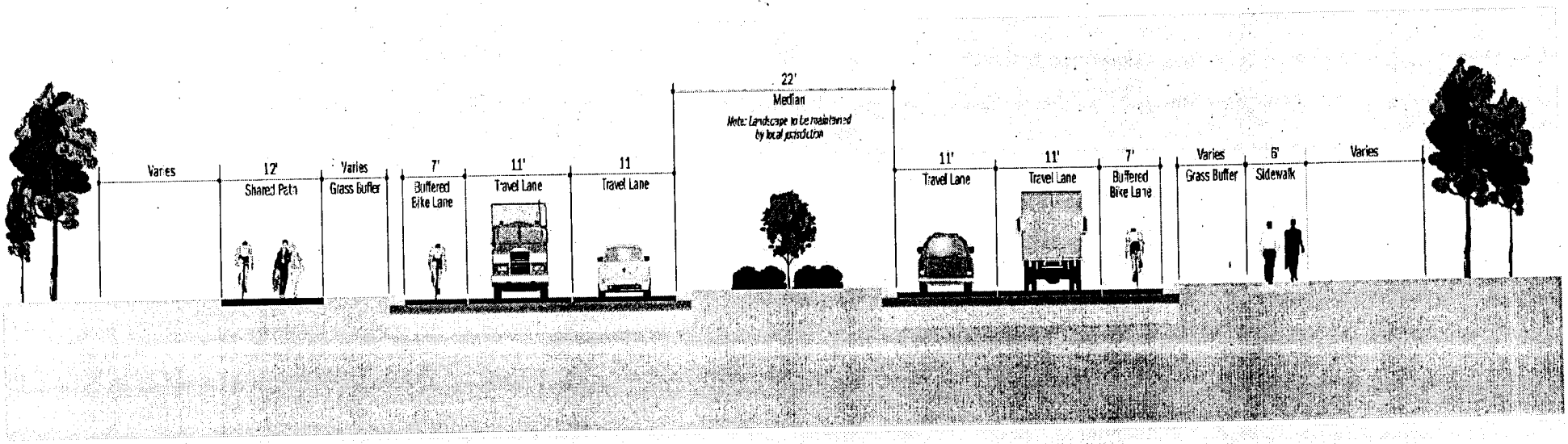
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Conceptual Alternative: Cox Road to Coventry Court

SR 524 Corridor PLANNING STUDY

Key Improvements:

- Additional lanes for future traffic along the Corridor
- Buffered bicycle lanes and sidewalks, for pedestrian safety
- Raised median to improve safety
- Reduced lane widths to discourage non-essential freight traffic
- Speed limit reduction to promote walkability, safety for all users, and discourage non-essential freight traffic



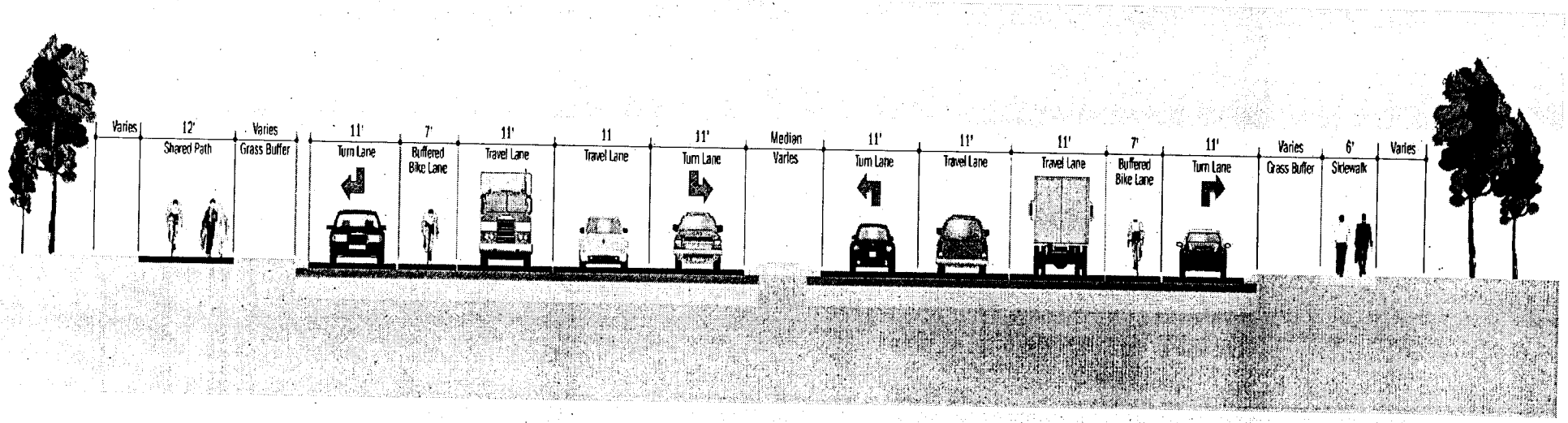
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Conceptual Alternative:
Coventry Court to west of Industry Road

SR 524 Corridor PLANNING STUDY

Key Improvements:

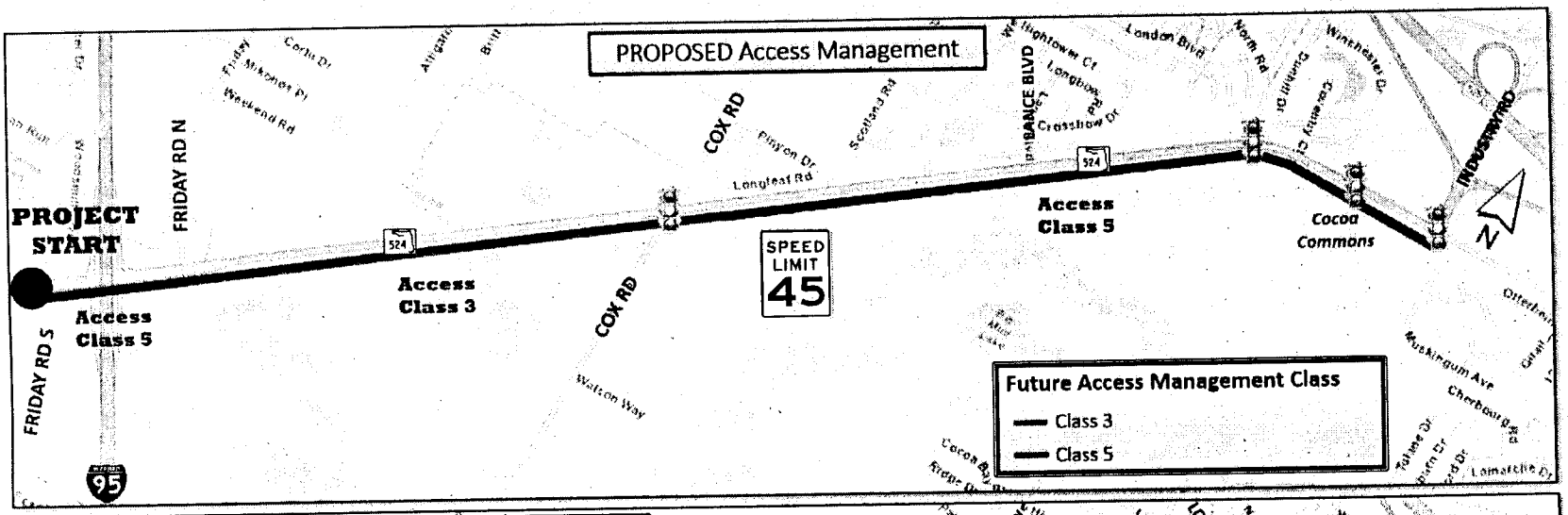
- Additional lanes to accommodate future traffic along the Corridor
- Buffered bicycle lanes and sidewalks, for pedestrian safety
- Speed limit reduction to promote walkability, safety for all users, and discourage freight traffic
- Reduced lane widths to discourage freight traffic
- Turning lanes at shopping centers

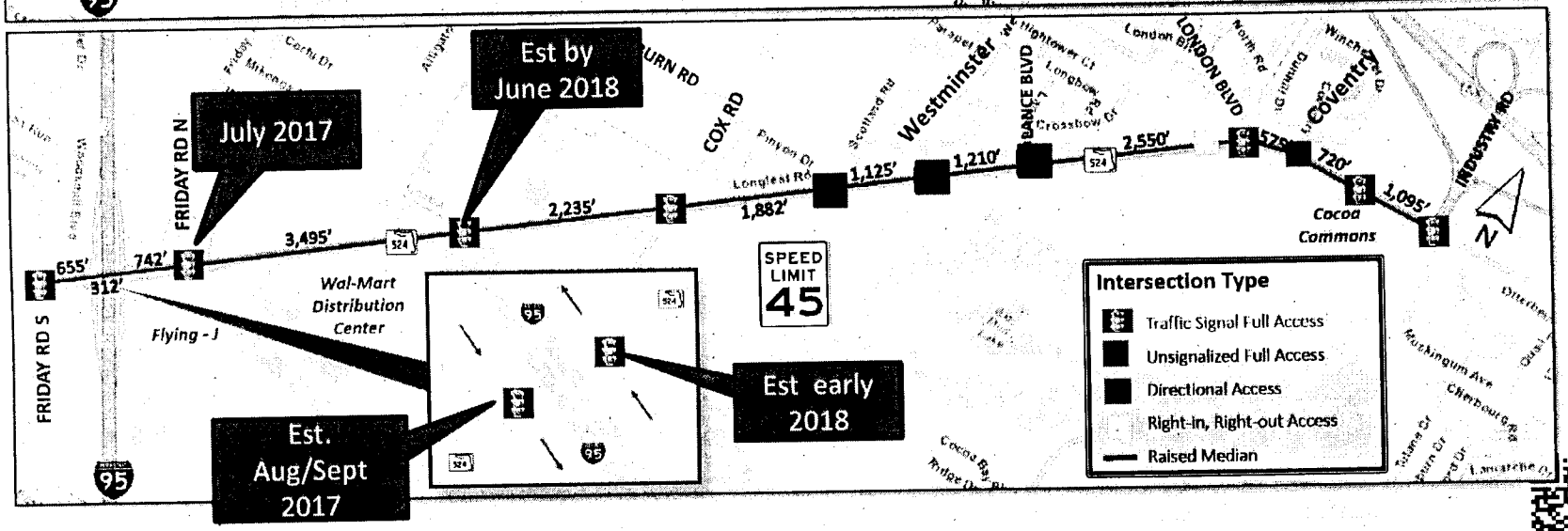


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Access Management

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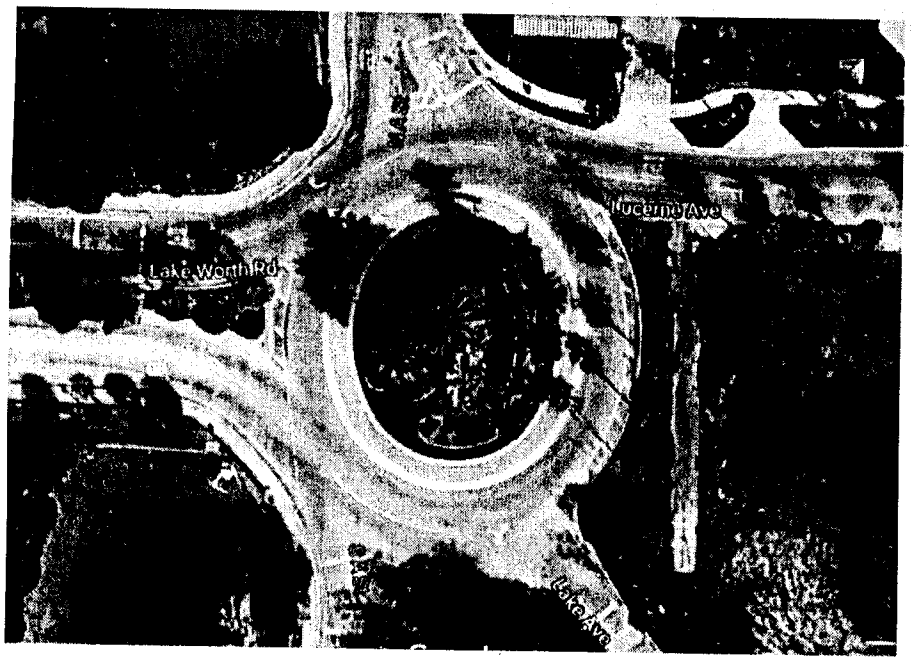


Would Roundabouts Improve SR 524?

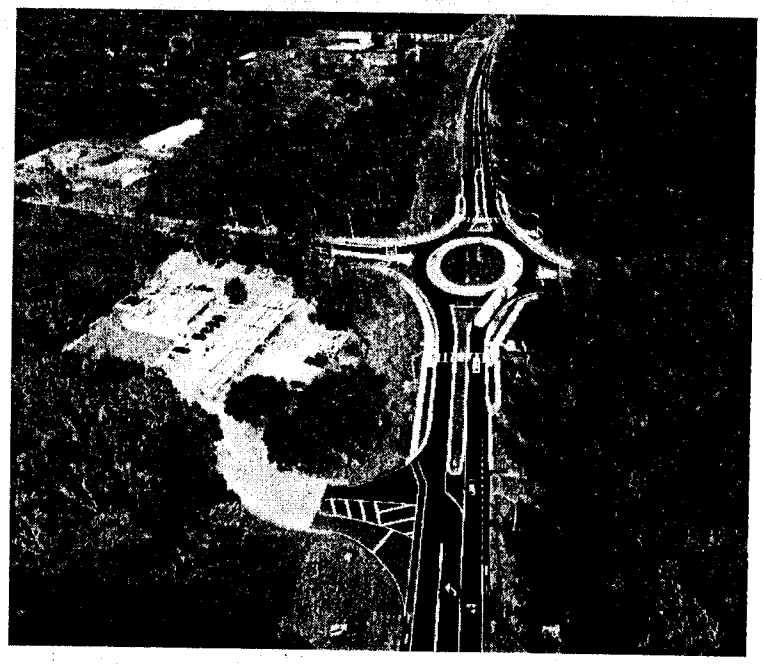
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FDOT Policy:

- Assess applicability of a roundabout when a road undergoes major reconstruction or before a new traffic signal is approved
- First step is a "Level 1 Screening" of intersections



SR 802/Lake Worth
Palm Beach



SR 44 at Grand Ave
Volusia County

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What are the Benefits of Roundabouts?

SR 524 Corridor PLANNING STUDY

Improves Safety

- Fewer crashes; 90% fewer fatalities and 75% fewer injuries
- 10 – 40% fewer pedestrian/bicycle crashes
- Safer for beginning and elderly drivers
- Can be used in multiple road intersections



Saves Travel Time

- 30 to 50% increase in traffic capacity for intersection, less delay waiting at stops and signals



Is Environmentally Friendly

- Reduces pollution, fuel consumption and noise (from cars not idling at traffic signals)
- Roundabout islands can be landscaped with native plants and trees
- Generally require less land to construct than traditional intersections



Saves Money

- No cost for traffic signals and yearly maintenance
- Intersection still operates in power outages, no need for police to direct traffic



Improves Aesthetics

- Can serve as a gateway feature into the community

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PLANNING STUDY

Building on the Corridor Study:

What are the Next Steps?



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Next Steps

SR 524 Corridor PLANNING STUDY

Key Issues for Additional Analysis in PD&E Study

- What is the best alignment for the reconstructed road?
- Where are median openings full versus directional access?
- What speed limit should the road be designed for?
- How do we best address stormwater impacts?
- What lighting improvements are needed?
- Is there a way to minimize potential noise impacts?
- Coordination with I-95 interchange study

Final Steps in Corridor Study	Date
Corridor Alternatives and Strategy Report	July 2017
Study Close-out	July 2017
Project Development & Environment Study (PD&E) Begins	2018

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