



PORT ORANGE CITY COUNCIL
SPECIAL MEETING/WORKSHOP
LAKESIDE COMMUNITY CENTER
1999 CITY CENTER CIRCLE
THURSDAY, JANUARY 29, 2015 @ 6:30 P.M.

SPECIAL MEETING AGENDA

Pursuant to Section 3.06 of the Charter of the City of Port Orange, the Mayor has called a **Special Meeting** of the City Council to be held for the following purposes:

OPENING

1. Pledge of Allegiance
2. Silent Invocation
3. Roll Call

DISCUSSION ITEMS

4. Halifax Paving Contract Extension

WORKSHOP AGENDA

1. City Gateway Signage
2. Stormwater plan
3. Dunlawton Avenue Walklights

ADJOURNMENT

ANY PERSON WHO DECIDES TO APPEAL ANY DECISION MADE BY THE CITY COUNCIL WILL NEED A RECORD OF THE PROCEEDINGS, AND FOR SUCH PURPOSE HE OR SHE MAY NEED TO ENSURE AT HIS OR HER OWN EXPENSE FOR THE TAKING AND PREPARATION OF A VERBATIM RECORD OF ALL TESTIMONY AND EVIDENCE OF THE PROCEEDINGS UPON WHICH THE APPEAL IS TO BE BASED.

NOTE: IF YOU ARE A PERSON WITH A DISABILITY WHO NEEDS ANY ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS PROCEEDING, YOU ARE ENTITLED, AT NO COST TO YOU, TO THE PROVISION OF CERTAIN ASSISTANCE. PLEASE CONTACT THE CITY CLERK FOR THE CITY OF PORT ORANGE, 1000 CITY CENTER CIRCLE, PORT ORANGE, FLORIDA 32129, TELEPHONE NUMBER 386-506-5563, WITHIN 2 WORKING DAYS OF YOUR RECEIPT OF THIS NOTICE OR 5 DAYS PRIOR TO THE MEETING DATE; IF YOU ARE HEARING OR VOICE IMPAIRED, CONTACT THE RELAY OPERATOR AT 1-800-955-8771.



CITY OF PORT ORANGE

1000 CITY CENTER CIRCLE
PORT ORANGE, FLORIDA 32129
TELEPHONE 386-506-5500
FAX 386-756-5290
www.Port-Orange.org

January 23, 2015

Port Orange City Council
1000 City Center Circle
Port Orange, FL 32129

Dear Council Members:

Pursuant to the City Charter, Section 3.06 and Section 2-32 of the Code of Ordinances, you are hereby notified of a Special Meeting of the City Council of the City of Port Orange called by Mayor Allen Green which will be held Tuesday, January 27, 2015 at 6:30 p.m. in the Council Chambers, City Hall, 1000 City Center Circle, Port Orange, Florida.

The purpose of the special meeting is to consider the Halifax Paving Contract Extension.

Sincerely,

Robin Fenwick, CMC
City Clerk

*Improper notice
meeting rescheduled
to 1/29/15.*

SPECIAL CITY COUNCIL MEETING
6:30 P.M. – LAKESIDE COMMUNITY CENTER
JANUARY 27, 2015
AGENDA

A. OPENING

1. Pledge of Allegiance
2. Silent Invocation
3. Roll Call

B. DISCUSSION/ACTION ITEMS

4. Halifax Paving Contract Extension

C. ADJOURNMENT

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January 23, 2015

Port Orange City Council
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Dear Council Members:

Pursuant to the City Charter, Section 3.06 and Section 2-32 of the Code of Ordinances, you are hereby notified of a Work Session of the City Council of the City of Port Orange called by Mayor Allen Green which will be held Tuesday, January 27, 2015 at 6:40 p.m. in Council Chambers, City Hall, 1000 City Center Circle, Port Orange, Florida

The purpose of this work session is to discuss the City gateway signage, stormwater plans, and Dunlawton Avenue walklights.

Sincerely,

Robin Fenwick, CMC
City Clerk

CITY COUNCIL WORK SESSION
6:40 P.M. – LAKESIDE COMMUNITY CENTER
JANUARY 27, 2015
AGENDA

A. OPENING

1. Pledge of Allegiance
2. Silent Invocation
3. Roll Call

B. DISCUSSION ITEMS

4. City Gateway Signage
5. Stormwater plan
6. Dunlawton Avenue Walklights

C. ADJOURNMENT

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EXHIBIT B

To Agreement between Halifax Paving, Inc. and the City of Port Orange
For Excavation and Sale of Fill Dirt awarded for Bid No. 05-04 on January 5, 2005,
Change Orders No. 1, 2, and 3;
Extension Agreement dated December 10, 2013,
Amendment No. 1 dated July 17, 2014,
Amendment No. 2 dated January 28, 2015

The scope of work for completion, including items per Change Order No. 1 estimated as follows:

- | | |
|---------------------------------------|---------------|
| 1. Complete digging of Lake "A" | \$ 247,500.00 |
| Shallow elevation 30 feet | |
| 2. Final As-built drawing of Lake "A" | 10,000.00 |

Proposal Costs for the following:	62,835.20
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- | | |
|---|--|
| 3. Shell placed on Jeep Trails | |
| 4. 2-40' driveways | |
| 5. Restore shoulders of Shunz Road | |
| 6. Restore/repair and overlay access roadways | |
| 7. Final grading, including berm and sod for the lakes and roadways | |
| 8. FPL power pole replacement costs paid to FPL | |
| 9. As otherwise provided in Exhibit "C" | |

Total costs of improvements for bond amount	\$ 320,335.20
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The scope of work removed from the contract, includes the following:

- | | |
|---|--------|
| 1. Widen Shunz Road | |
| 2. Final grading and grass for the stockpile site | |
| 3. Construct Spillways | |
| Total decrease in contract amount | \$ -0- |

The Work described above shall commence on January 28, 2015, shall be substantially complete on August 31, 2015 ("Substantial Completion Date") and the Contractor shall achieve final completion thirty (30) days thereafter. The parties agree that it will be difficult to calculate with precision the actual damages the Owner may suffer as a result of such failure to substantially complete as called for herein and therefore the parties agree that liquidated damages may be assessed by the Owner against the Contractor as follows: \$ 500.00 for each day beyond the Substantial Completion Date that the Contractor fails to attain substantial completion. Substantial Completion shall mean the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or use the Work or a portion thereof for its intended use.



CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 01/27/2015

Consent item: No

SUBJECT: City Gateway Signage

DEPARTMENT: Community Development

RECOMMENDED MOTION: For discussion and direction by consensus only.

SUMMARY:

The purpose of this presentation is to get direction from City Council regarding the development of the City's proposed gateway signage. The City's consultant will provide examples of gateway signage in other municipalities that are similar in scope and size and identify the FDOT restrictions related to permitting signage within the right-of-way. The City's consultant will use the input provided from this meeting to develop conceptual designs that will be presented at a future Council meeting for final input and direction prior to developing construction plans.

Project	Funding Account
No.:	No.:

ATTACHMENTS:

1.	PO Gateway Signage	PO Concept Board.pdf
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Momberger, Margaret
Clark, Wayne
Harden, David

Created/Initiated - 01/06/2015
Approved - 01/06/2015
Final Approval - 01/07/2015



CITY OF PORT ORANGE

GATEWAY SIGNAGE WORKSHOP

JANUARY 27, 2015

1. INTRODUCTION

- UPDATE
- GOALS FOR TONIGHT

2. GATEWAY LOCATIONS

- PHASE 1
- FUTURE LOCATIONS

3. GATEWAY REQUIREMENTS

- COMMUNITY AESTHETIC FEATURE

4. DESIGN EXAMPLES

5. DISCUSSION

6. DIRECTION



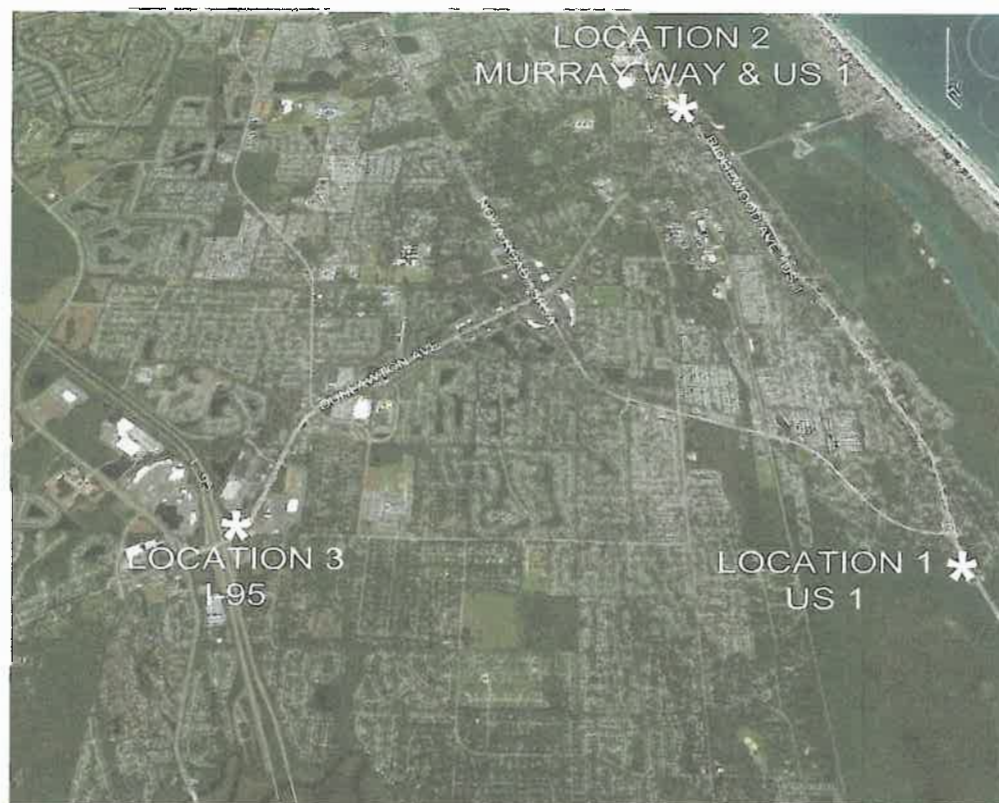
LOCATION 1
US 1 NORTH OF
ROSE BAY BRIDGE
MEDIAN



LOCATION 2
MURRAY WAY & US 1
MEDIAN



LOCATION 3
DUNLAWTON AVENUE / I-95
MEDIAN



LOCATION MAP

**CITY OF PORT ORANGE
GATEWAY SIGNAGE**

PROPOSED SIGN LOCATIONS

*LOCATIONS ARE WITHIN FDOT ROW



CONCEPT A



CONCEPT B



CONCEPT C

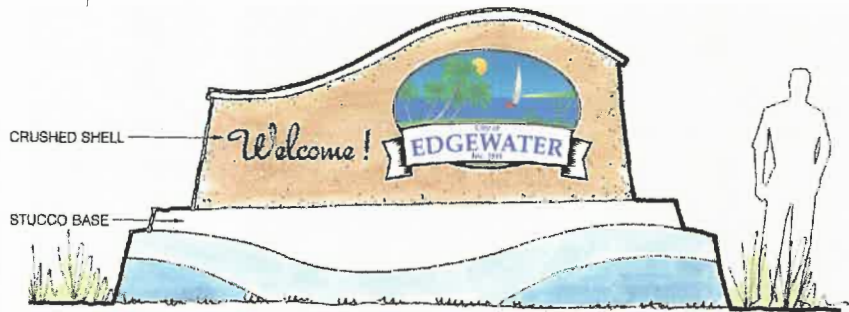


LOCATION MAP

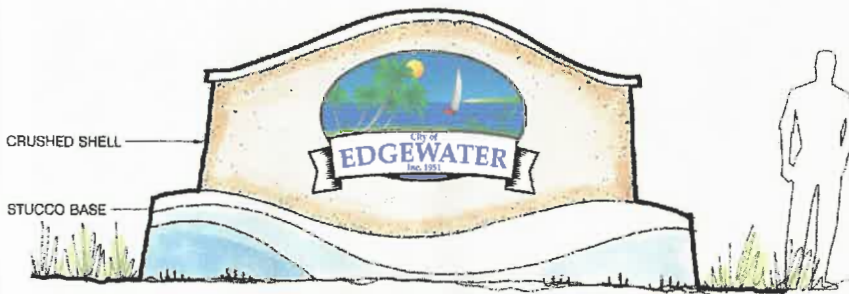
CITY OF PORT ORANGE GATEWAY SIGNAGE

EXAMPLE: ORMOND BEACH DESIGN REVIEW PROCESS

*SIGNS ARE LOCATED WITHIN FDOT ROW



CONCEPT A



CONCEPT B



CONCEPT C

*SIGN LOCATIONS ARE OUTSIDE OF FDOT ROW



OYSTER TABBIE
MATERIALS

CRUSHED SHELL



INSPIRATION



CITY OF PORT ORANGE GATEWAY SIGNAGE

EXAMPLE: EDGEWATER DESIGN REVIEW PROCESS



CITY OF PORT ORANGE GATEWAY SIGNAGE

EXAMPLE: EXISTING GATEWAY SIGNS

STORMWATER WORKSHOP #2

January 27, 2015

Drainage Basins

- A - US 1 & Dunlawton
- B - Dougherty Canal
- C - Allendale
- D - Bay Shore
- E - Rose Bay
- F - Halifax Canal
- G - Spruce Creek Road
- H - Strickland Bay
- I - Spruce Creek South
- J - Sweetwater Branch
- K - Spruce Creek North
- L - Pioneer Trail
- M - South Peninsula

● Stormwater Outfall

STRUCTURES AFFECTED

- 2009 Flood Impacted Structures
- 2014 Flood Impacted Structures
- Flood Impacted Structure in 2009 & 2014

Atlantic Ocean



Ongoing Maintenance Activities



Short Term Drainage Improvement Projects (1 to 2 Year Plan)

#1 Rehabilitation & cleaning of the Dougherty Canal (in progress).

#8 Virginia Ave. – Reroute & upsize drainage system. (Est. \$750,000)

#6 Monroe Place – Construct pond & pump station. (Est. \$750,000)

#9 Lemon St. & Powers Ave. – Construct drainage to connect to Ruth St. retention pond. (Est. \$250,000)

#2 Coordination between City of Port Orange and Volusia County to rehab mosquito control ditches from Herbert St. to Old Sugar Mill Rd.

#3 Working with City Attorney's Office to eliminate undersized & unused culverts along Spruce Creek Canal. Many of these culverts belong to private property owners. (Est. \$15,000 each)

#10 Construct check valves (flapper gates) along Halifax River outfalls.

#5 Rehabilitating & cleaning of Willow Run Canal.

#4 Inspected, cleaned & removed obstructions inside pipes (completed).

#7 Isabelle Ave. & Orchard St. – Purchase properties & pump station. (Est. \$250,000)



Pipe Failure

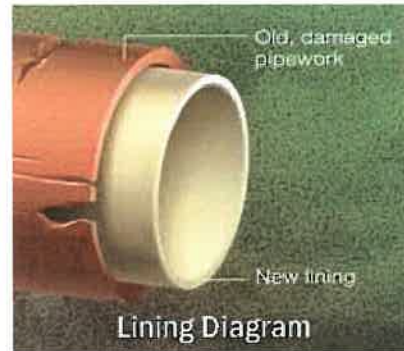
5

These photos show depressions caused by Corrugated Metal Pipe (CMP) failure. The most common cause is due to metal fatigue, rusting, and joint failure. There's over 48,374 Linear Footage of Corrugated Metal Piping (CMP), thus far only 16,161 Linear Footage of CMP has been Lined.



Short Term Drainage Improvement Projects (1 to 2 Year Plan)

- Pipe lining



- Pipe bursting



- Temporary emergency pumping-bypass

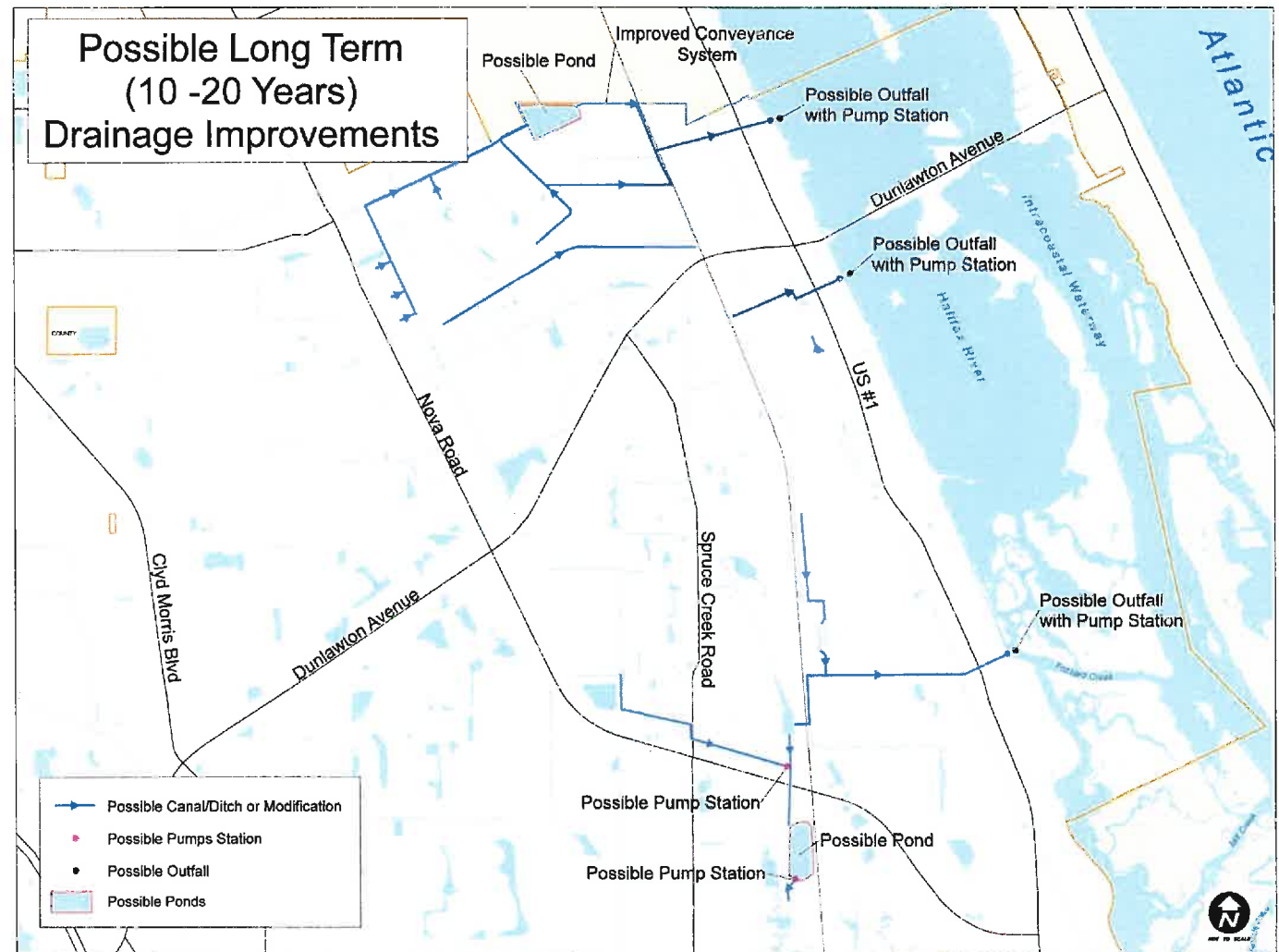


Stormwater Master Plan



- General Scope – comprehensive study of the City's entire drainage infrastructures - model drainage basins, identify & prioritize long term CIP projects
- Contract award expected to be presented to City Council in February (piggyback Volusia County Contract)
- Duration to complete – Estimate 1 year

- Conceptual areas for expected improvements
- 20 year scope in 5 year CIP increments, City-wide



Discussion



WALKLIGHT DISCUSSION

January 27, 2015

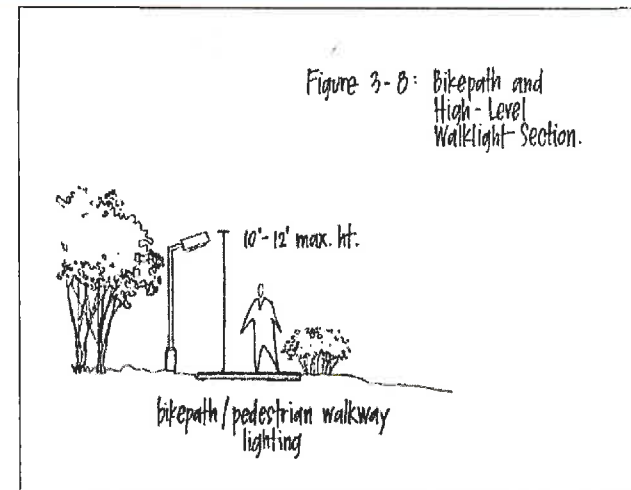
Meeting Outcomes

- Consensus understanding of the current situation
 - Walklight history
 - Inventory of walklights
 - TPO project
- Council discussion on maintenance approach and regulatory requirements



Walklight History

- 1990 - Walklight requirement added to the LDC in accordance with Dunlawton Corridor Plan
 - No hours of operation
 - No uniform electrical source
 - No uniform maintenance standards
- LDC walklight requirements have not been modified in the last 25 years
- ±130 development projects along Dunlawton



"Walklights. All development within the Dunlawton Corridor shall be required to install high-level walklights adjacent to bikeways and sidewalks as shown in the Dunlawton Corridor plan. Such walklights shall be ten to 12 feet in height, placed three feet from the edge of the bikeway or sidewalk, spaced 100 feet on center, and be of the general shoe box style with light fixtures directed down toward the bikeway or sidewalk. Other style fixtures may be considered by the city when such fixtures are determined to be integral to a desired theme or recognized architectural style, and consistent with the intent of the corridor plan." [Chapter 12, Section 8(e), LDC]

Walklight History

- 1996: 1st Standard Construction Detail
- Detail amended in 2000, 2005, 2008, & 2013

Nov. 2008 Detail Amendment: 1st time there is a specific requirement that the private land owner is responsible for ownership and maintenance

Site plan note
Port Orange Travel (1999)

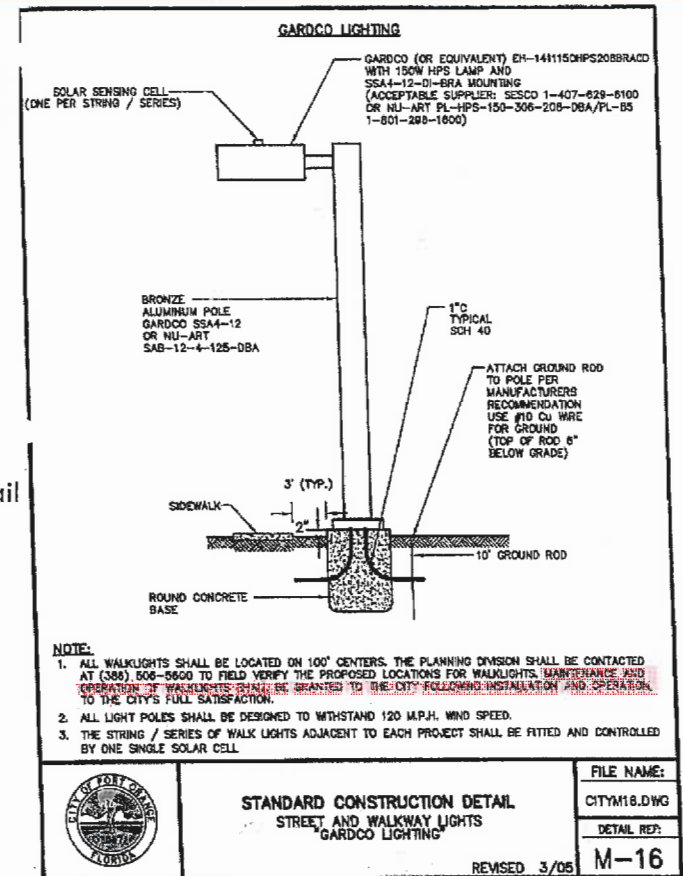
(2) STERNBERG FIXTURES REQUIRED
CITY TO ASSUME RESPONSIBILITY FOR OWNERSHIP AFTER LIGHTS OPERATIONAL
EXACT LOCATION TO BE COORDINATED WITH JOHN HIXENBAUGH, 904-756-5250

2005 Standard Construction Detail

Plat and plans note
Altamira Shopping Village (2010)

NOTE:

1. ALL WALKLIGHTS SHALL BE LOCATED ON 100' CENTERS. THE PLANNING DIVISION SHALL BE CONTACTED AT (386) 506-5600 TO FIELD VERIFY THE PROPOSED LOCATIONS FOR WALKLIGHTS.
2. ALL LIGHT POLES SHALL BE DESIGNED TO WITHSTAND 120 M.P.H. WIND SPEED.
3. THE STRING / SERIES OF WALK LIGHTS ADJACENT TO EACH PROJECT SHALL BE FITTED AND CONTROLLED BY ONE SINGLE SOLAR CELL.
4. MAINTENANCE AND OPERATION OF WALKLIGHTS SHALL BE THE RESPONSIBILITY OF THE HOMEOWNERS ASSOCIATION OR ADJACENT PROPERTY OWNER.



Dunlawton Ave. Inventory

255 = Total Existing Walklights

Existing Walklight Maintenance:

245 = City

10 = Property Owner

129 = Approximate # of Lights Needed to Fill Gaps:

24 = Currently under plan review
(will be property owner maintained)

96 = Approximate number needed to fill in remaining gaps

9 = Approximate number needed to fill gaps on the west and east sides of the I-95 Interchange

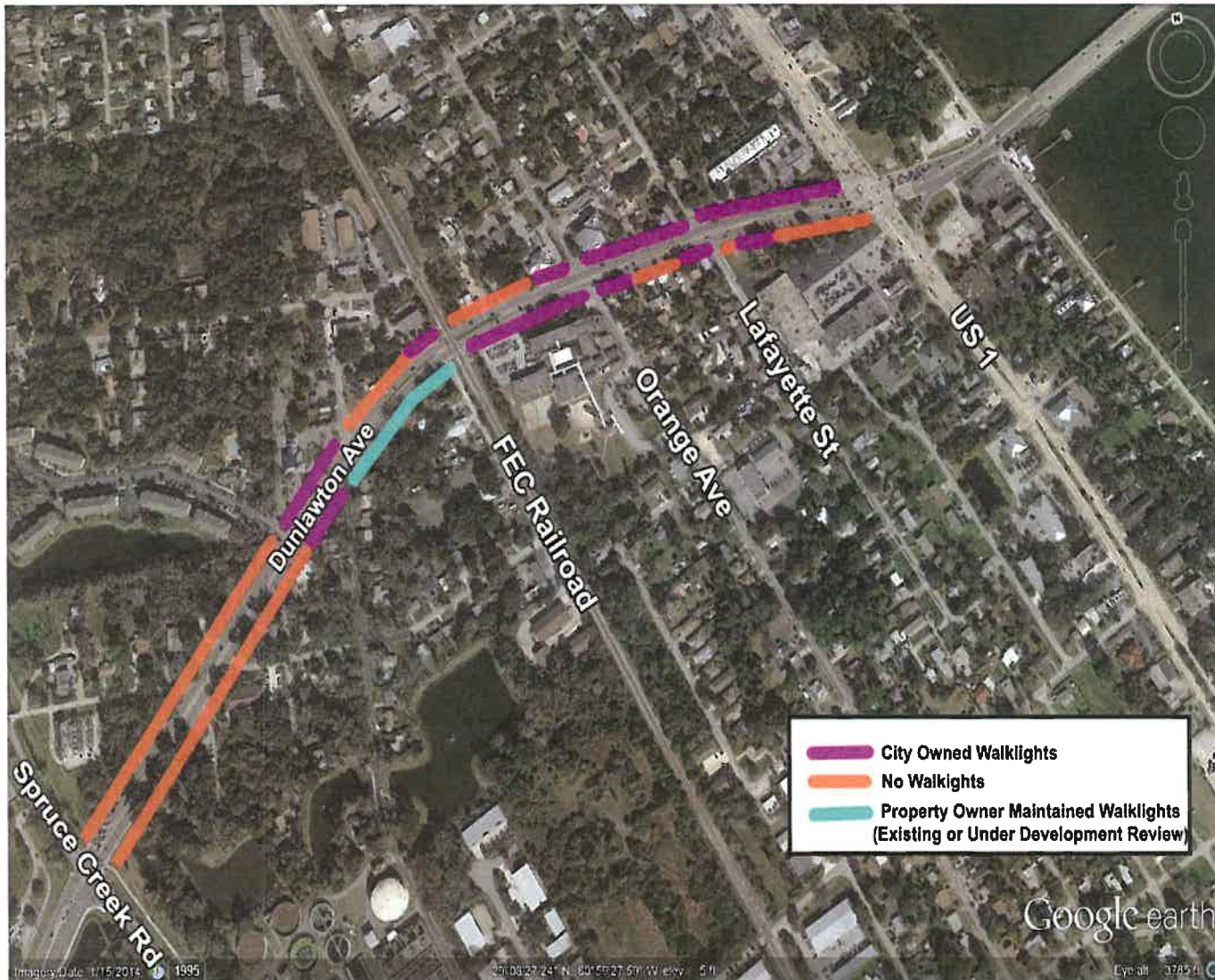
Working/Not-Working (approximate count)

195 = Not Working

60 = Working



US 1 to Spruce Creek Rd.



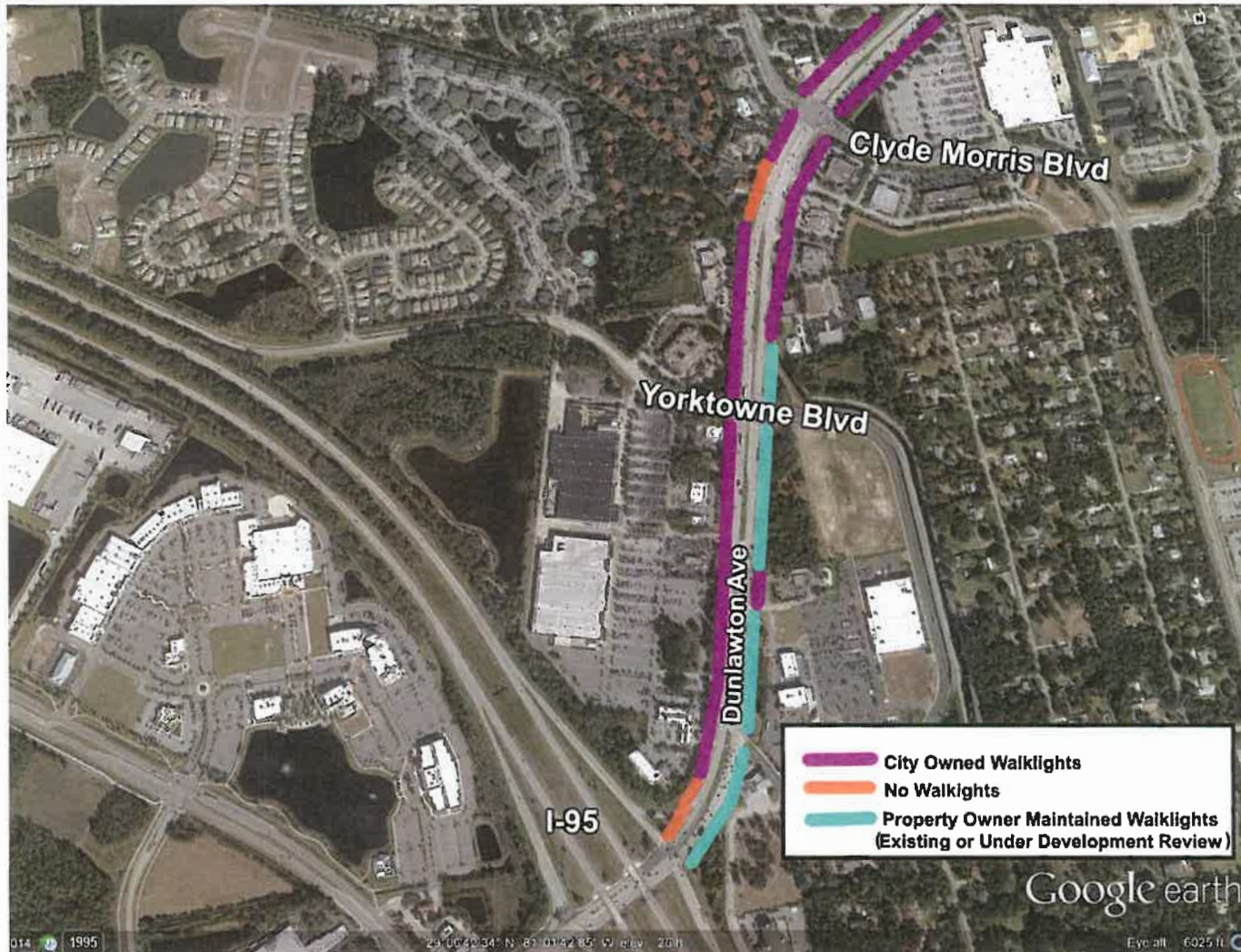
Spruce Creek Rd. to Nova Rd.



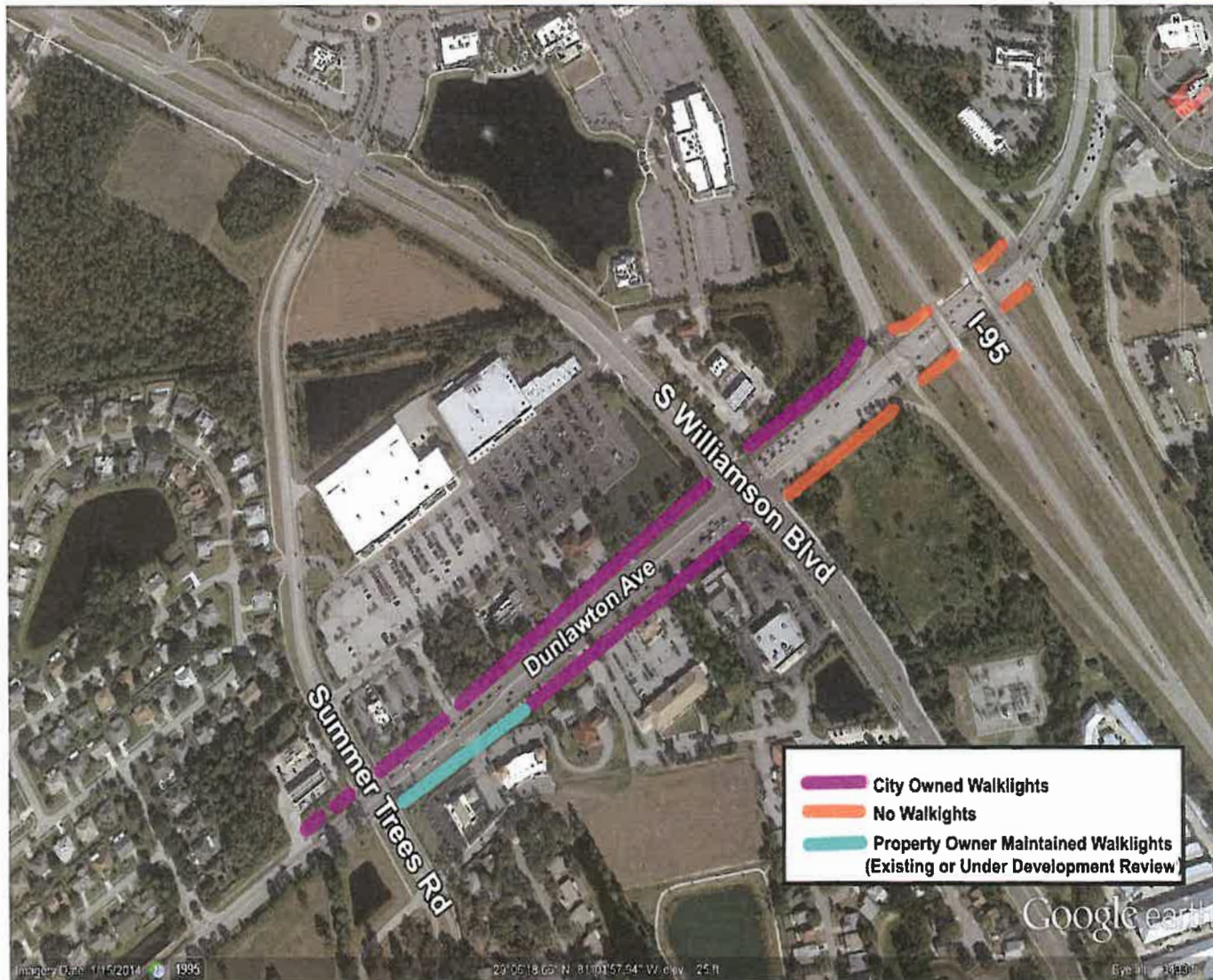
Nova Rd. to Clyde Morris Blvd.



Clyde Morris Blvd. to I-95



I-95 to Summer Trees Rd.



Proposed TPO-Funded Project Scope

□ US-1 to Spruce Creek Rd.

- Application submitted in 2011
- River to Sea TPO List of Prioritized XU Traffic Operations/ITS/Safety Projects
- Current TPO rank #7
- City maintained uniform power source
- Replace all lights/fill gaps
- Preliminary design completed by QLH/Paul Estes as CRA streetscape project in 2009
- Cost estimate $\pm$ \$590,000
- City share \$59,000
- City funds currently budgeted \$82,500
- Required to submit commitment letter to TPO to remain eligible for funding

POLICY DISCUSSION

Walklight Policy Options

- A. Install a uniform power source and/or
 - Replace all lights with one standard type
 - Replace lights only as needed
 - Fill all the gaps along the road
- B. Maintain system as is – varied power sources and maintenance responsibilities
- C. Replace walklights with streetlights
- D. Others

Regulatory Policy Options

- A. Change construction detail to require all lights to be City maintained with uniform power source and timing standards
- B. Change construction detail and require City ownership and maintenance of all lights and implement a Special Assessment or other special district funding option for repair/replace/operational costs
- C. Require private take over of lights with any redevelopment/renovation, etc. in addition to private maintenance for new construction
- D. Change construction detail to allow a different light style with greater maintenance efficiency
- E. Leave as is
- F. Others

DISCUSSION



ADDITIONAL INFORMATION

Sternberg Walklight



Lumec Walklight



Gardco Walklight



Floridian Walklight

