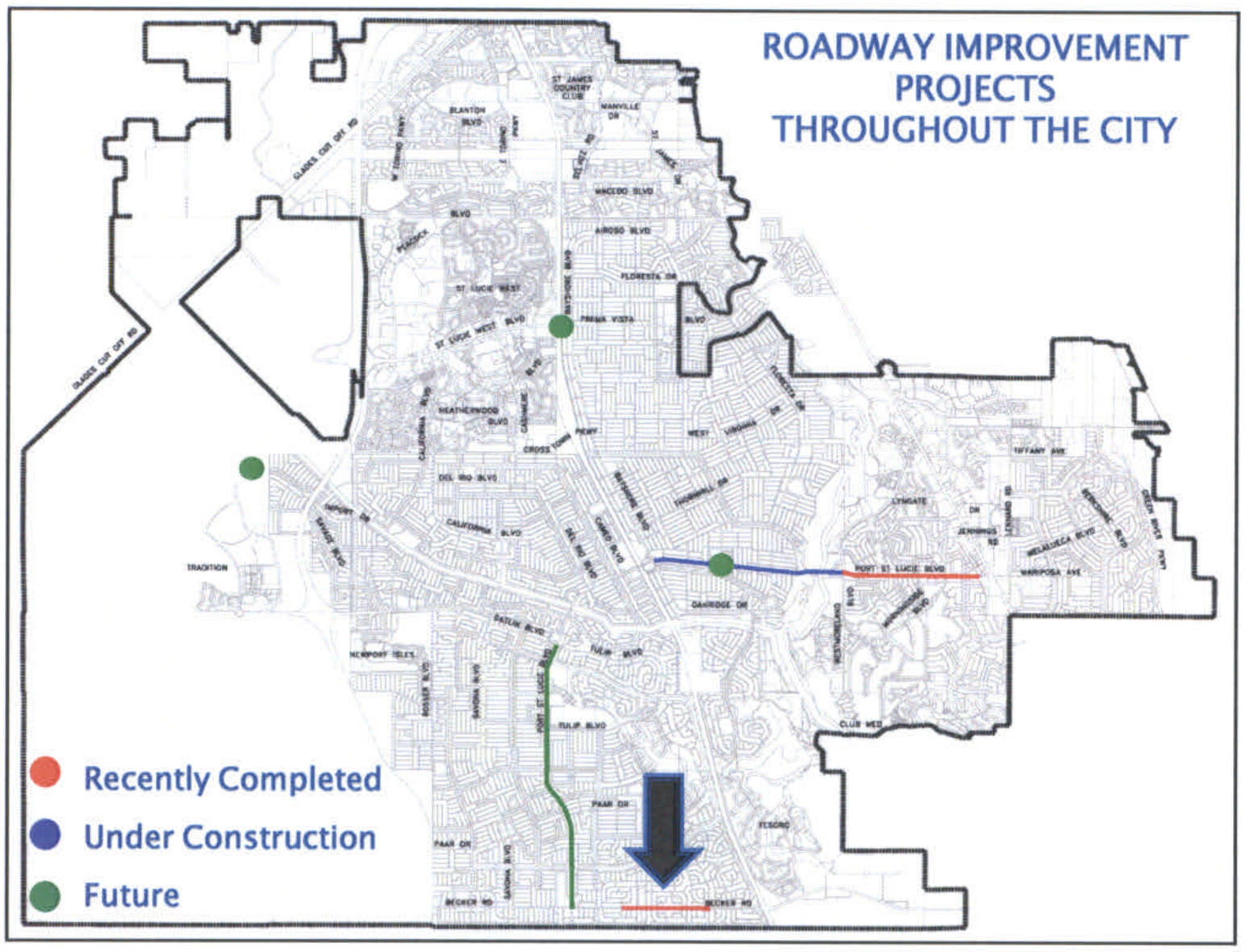
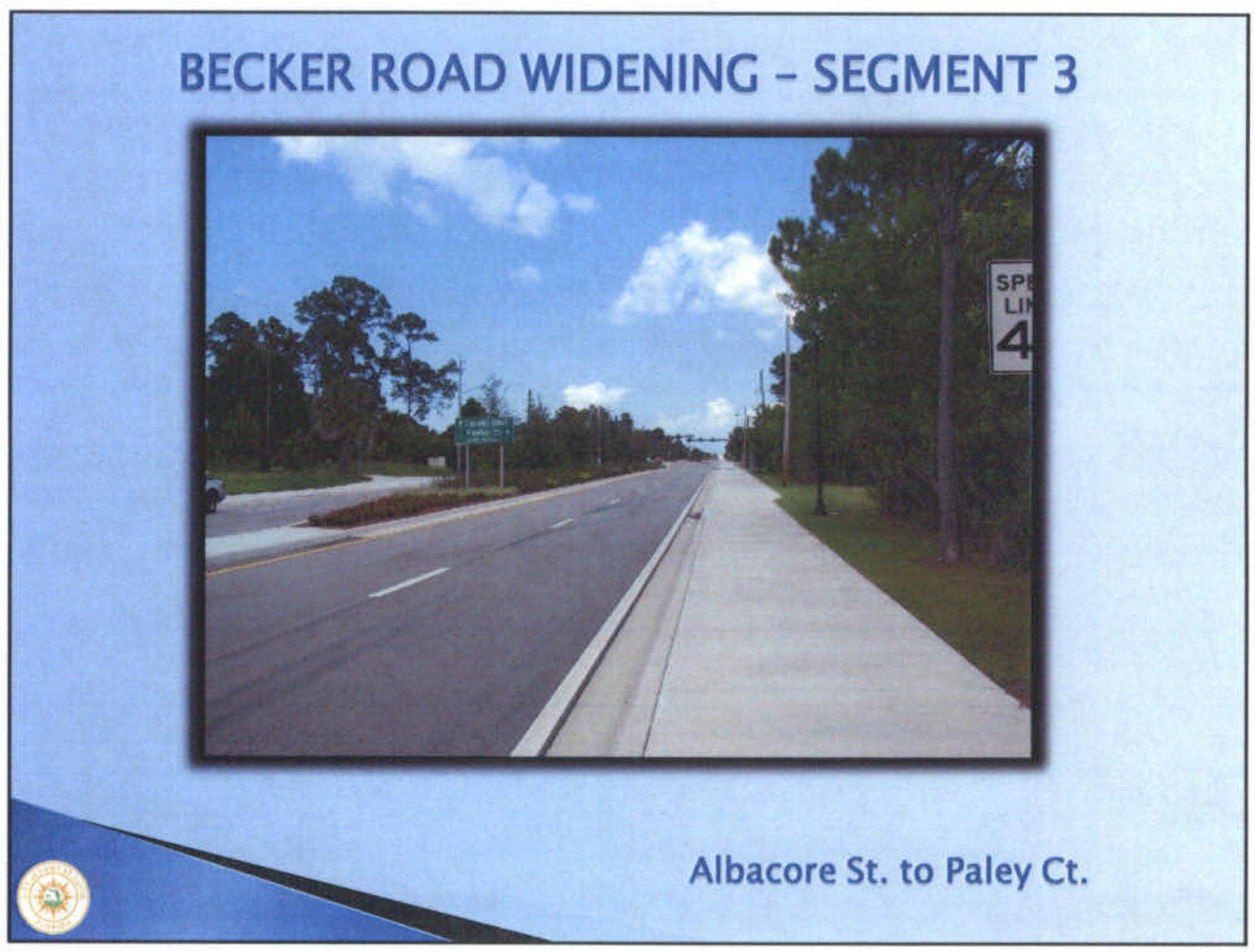
PROJECTS UPDATE

City of Port St Lucie
Public Works Department

City Council Retreat
July, 2012

ROADWAY IMPROVEMENT PROJECTS

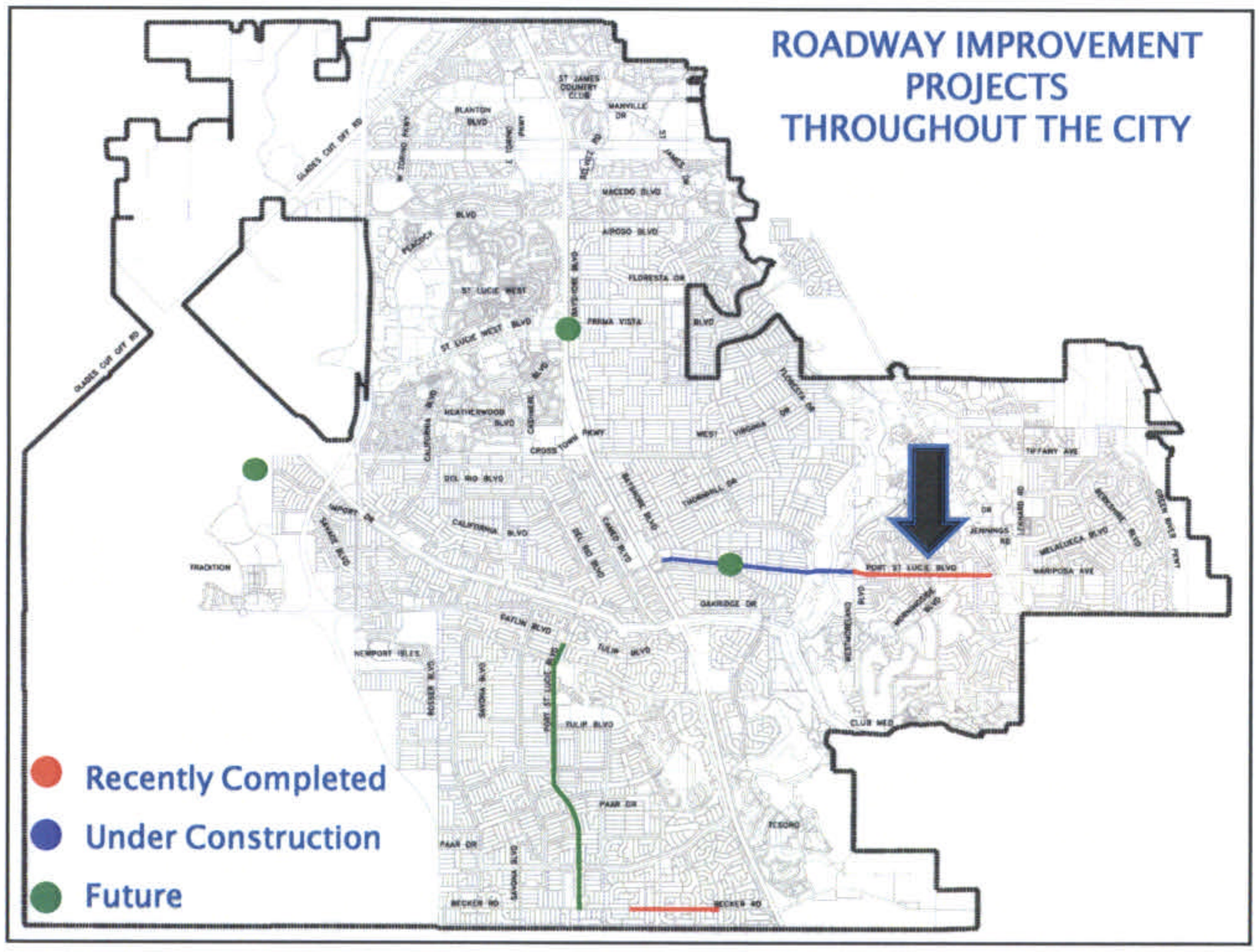

ROADWAY IMPROVEMENT PROJECTS THROUGHOUT THE CITY
Recently Completed
Under Construction
Future


BECKER ROAD WIDENING – SEGMENT 3
Albacore St. to Paley Ct.

BECKER ROAD WIDENING – SEGMENT 3

Complete!
March 2012

ROADWAY IMPROVEMENT PROJECTS THROUGHOUT THE CITY

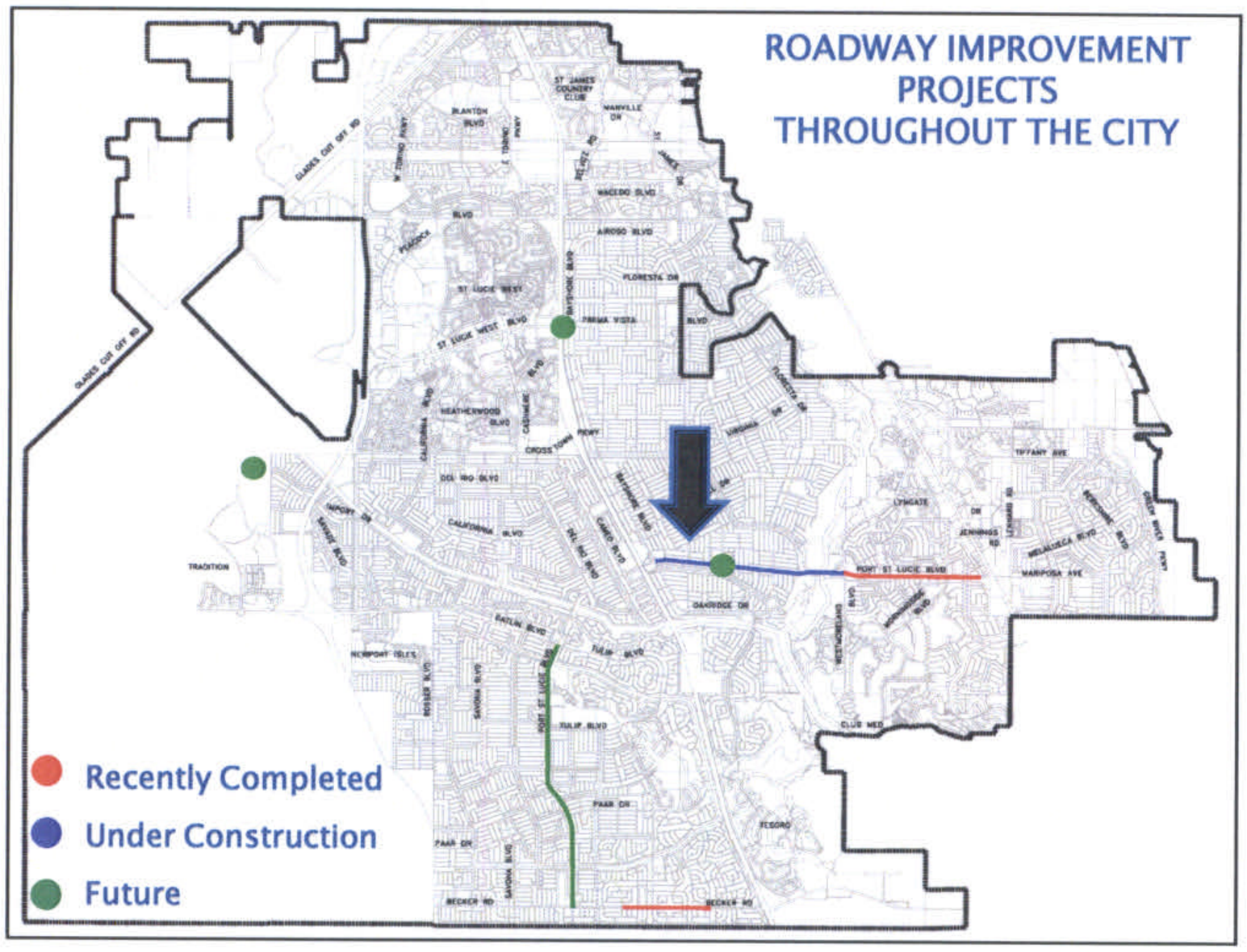


PORT ST. LUCIE BLVD PEDESTRIAN LIGHTING

Veteran's Memorial Pkwy to U.S. 1

PORT ST. LUCIE BLVD PEDESTRIAN LIGHTING

Complete!
March 2012 - FDOT Funded

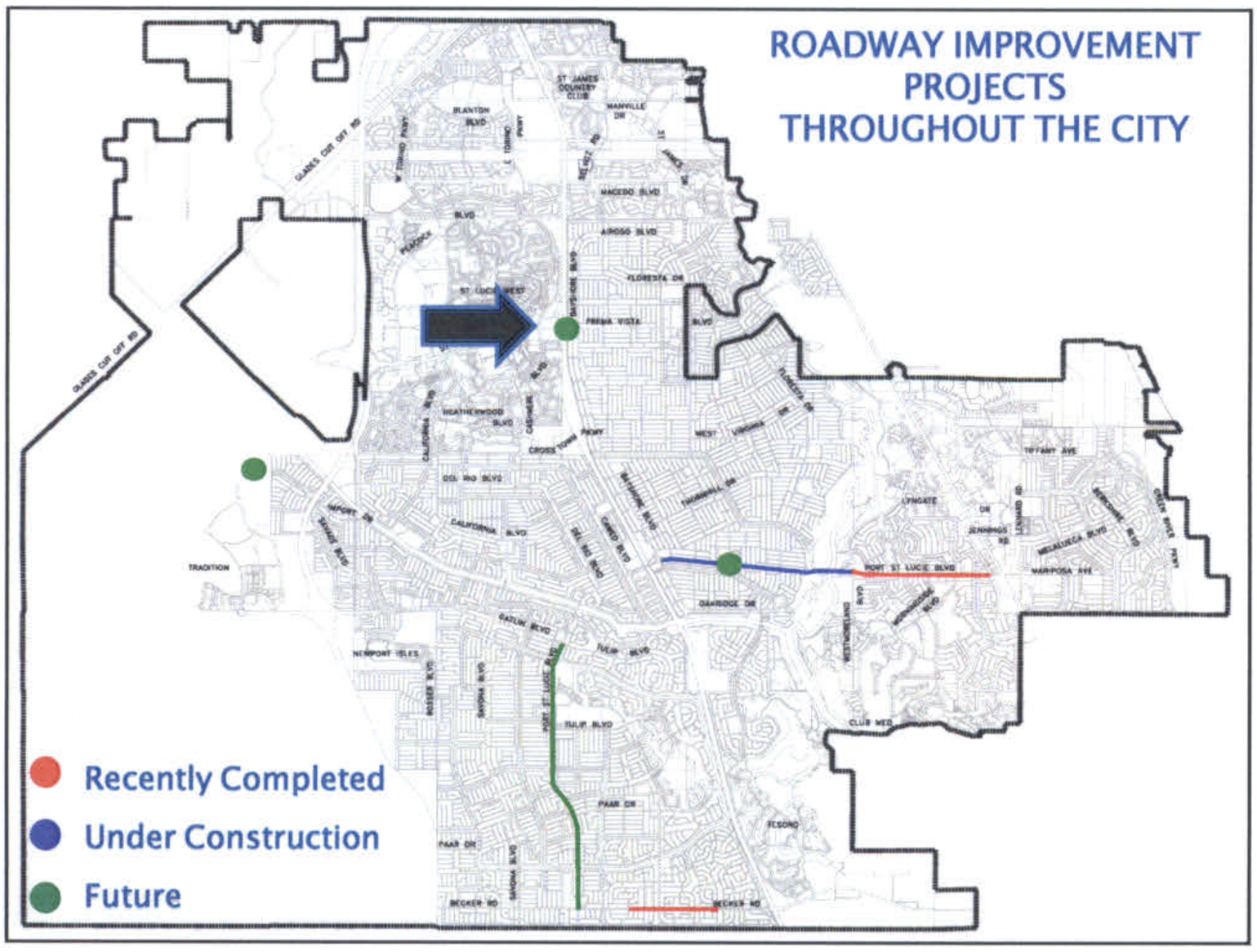

ROADWAY IMPROVEMENT PROJECTS THROUGHOUT THE CITY
Recently Completed
Under Construction
Future

PORT ST. LUCIE BLVD
LANDSCAPE ENHANCEMENTS
FDOT Funded
Bayshore Blvd to Petunia Ave

PORT ST. LUCIE BLVD
LANDSCAPE ENHANCEMENTS

Starting construction in July, 2012
Estimated completion February, 2013

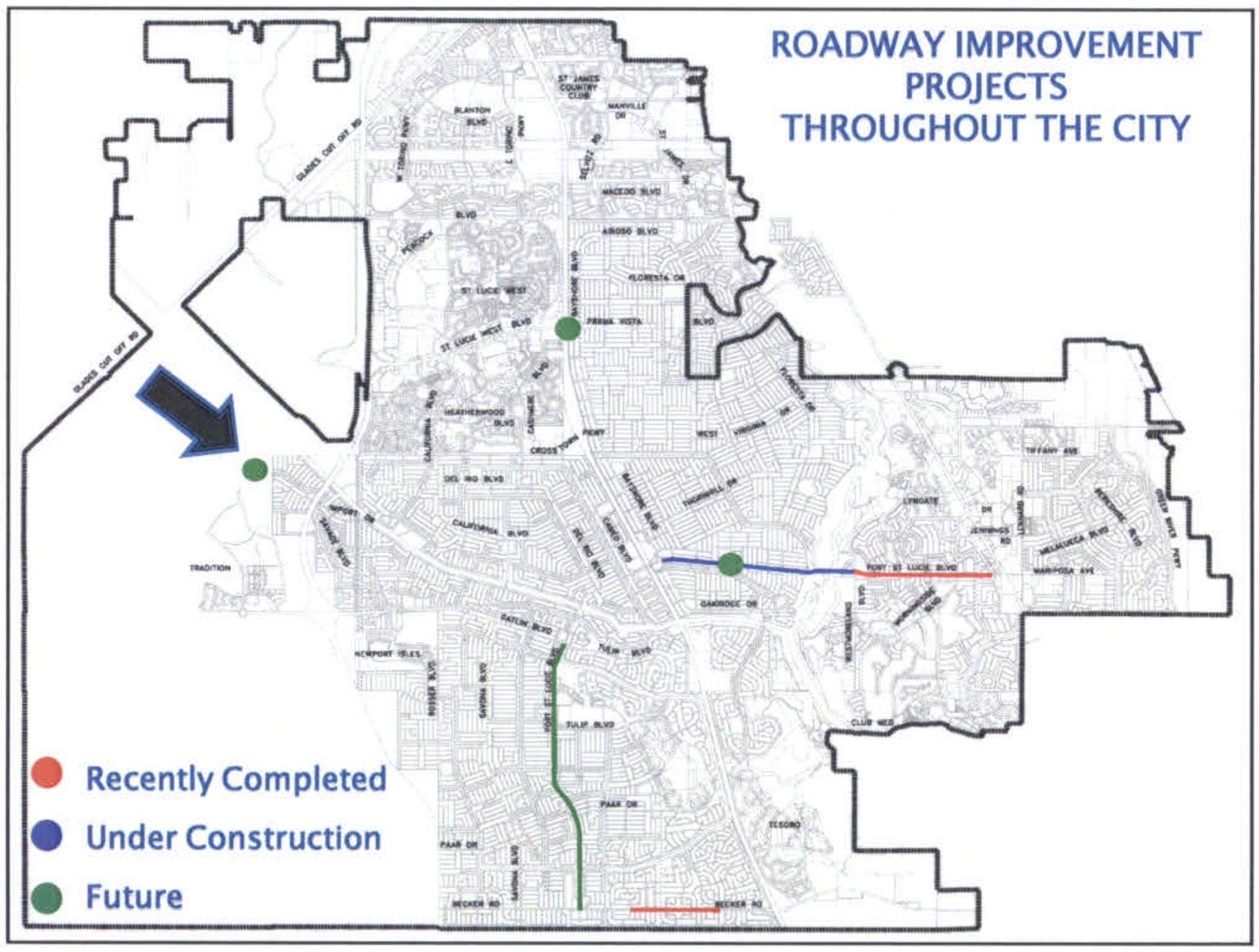
ROADWAY IMPROVEMENT PROJECTS THROUGHOUT THE CITY



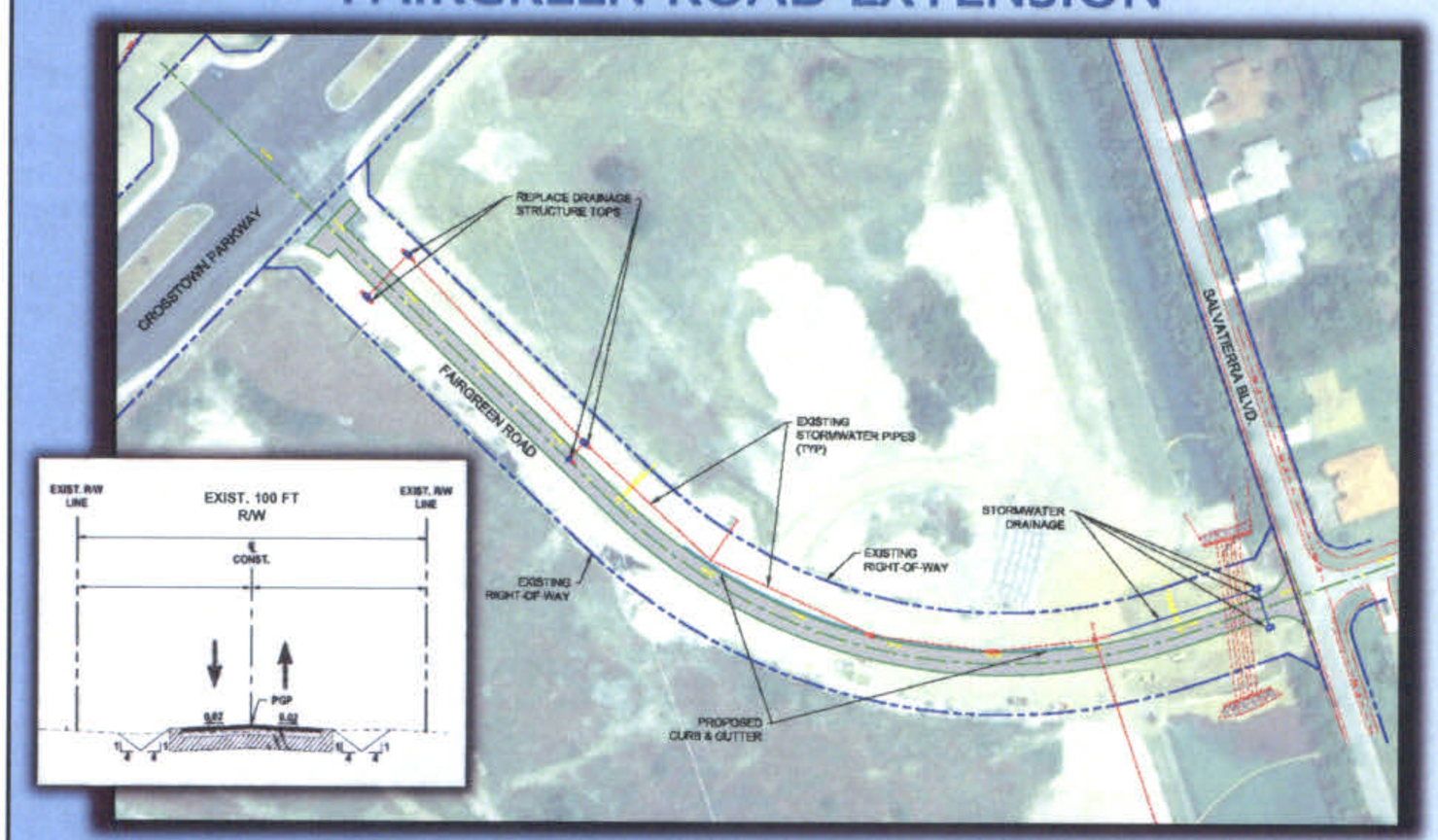
BAYSHORE BLVD
RIGHT TURN LANE EXTENSION

Southbound onto St. Lucie West Blvd
Construction contract in bidding process

ROADWAY IMPROVEMENT PROJECTS THROUGHOUT THE CITY



FAIRGREEN ROAD EXTENSION

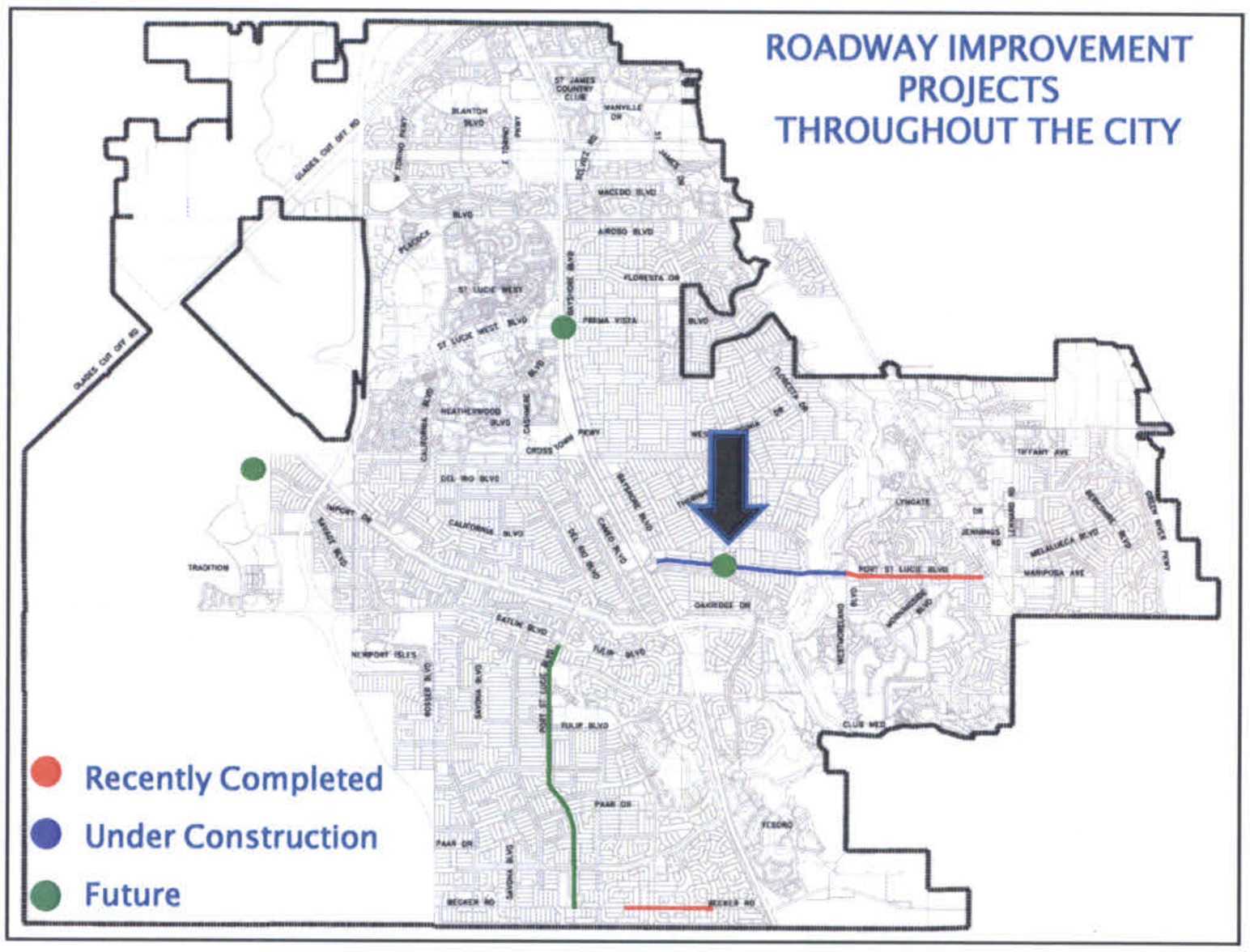


Crosstown Parkway to Salvatierra Blvd

FAIRGREEN ROAD EXTENSION

- Roadway Plans – 100% Complete
- Roadway Contract Docs – Under Development (OMB)
- Roadway Construction – to start late August / early September
- Roadway Completion – December 2012
- Traffic Signal Plans – 100% Complete (Verano)
- Traffic Signal Bid sent out – Bid opening July 16, 2012 (Verano)

Crosstown Parkway to Salvatierra Blvd


ROADWAY IMPROVEMENT PROJECTS THROUGHOUT THE CITY
Recently Completed
Under Construction
Future

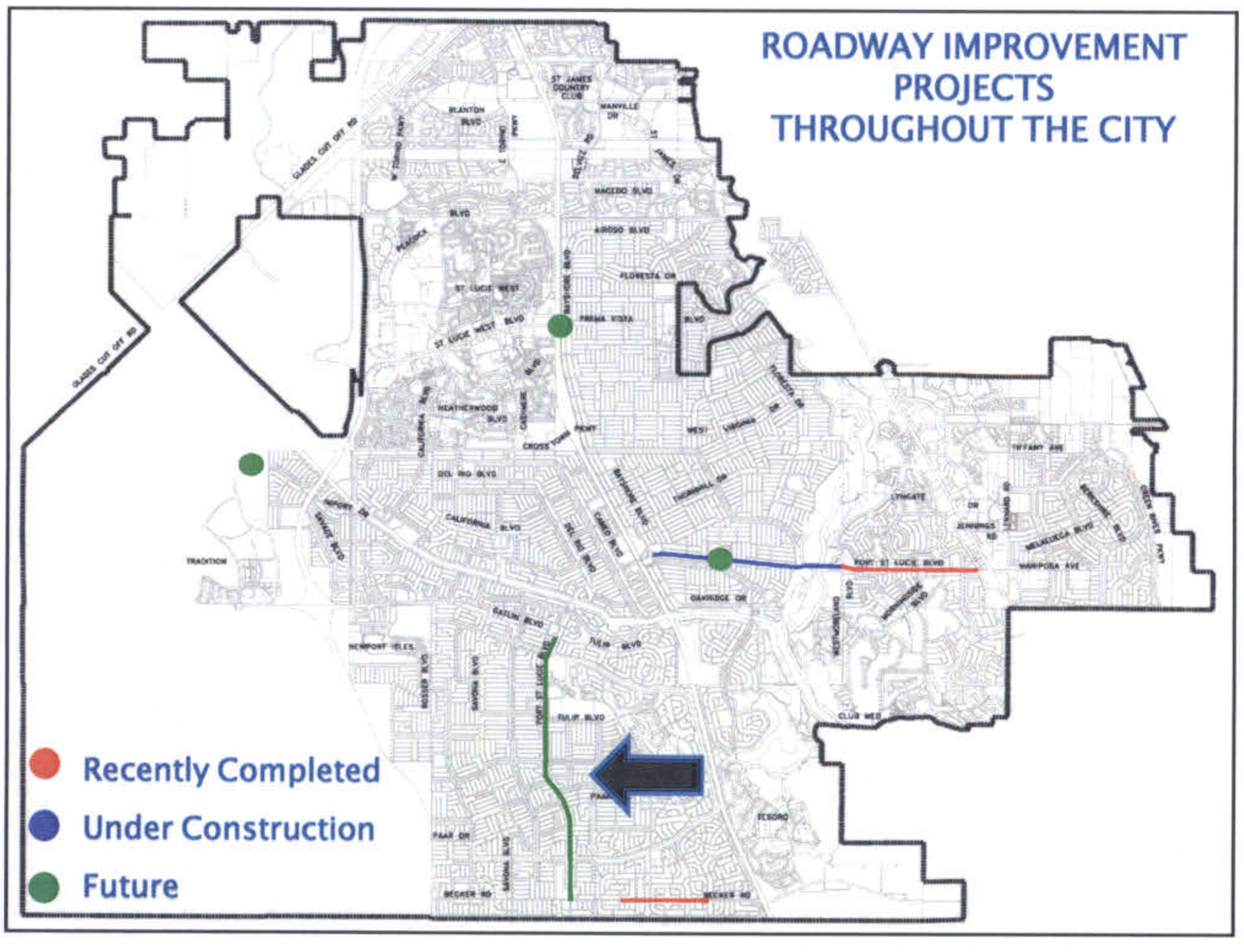
PORT ST LUCIE INTERMODAL TRANSIT FACILITY
Located at Deacon Avenue
New Bus Station
FDOT Funded

PORT ST LUCIE INTERMODAL TRANSIT FACILITY

Status Update

- Design Completed (pro-bono by C&T)
- FDOT Funded
- Processing SFWMD Environmental Resource Permit
- Processing FWC Gopher Tortoise Permit
- Contract under development (OMB)
- Construction to begin Fall 2012

Deacon Avenue

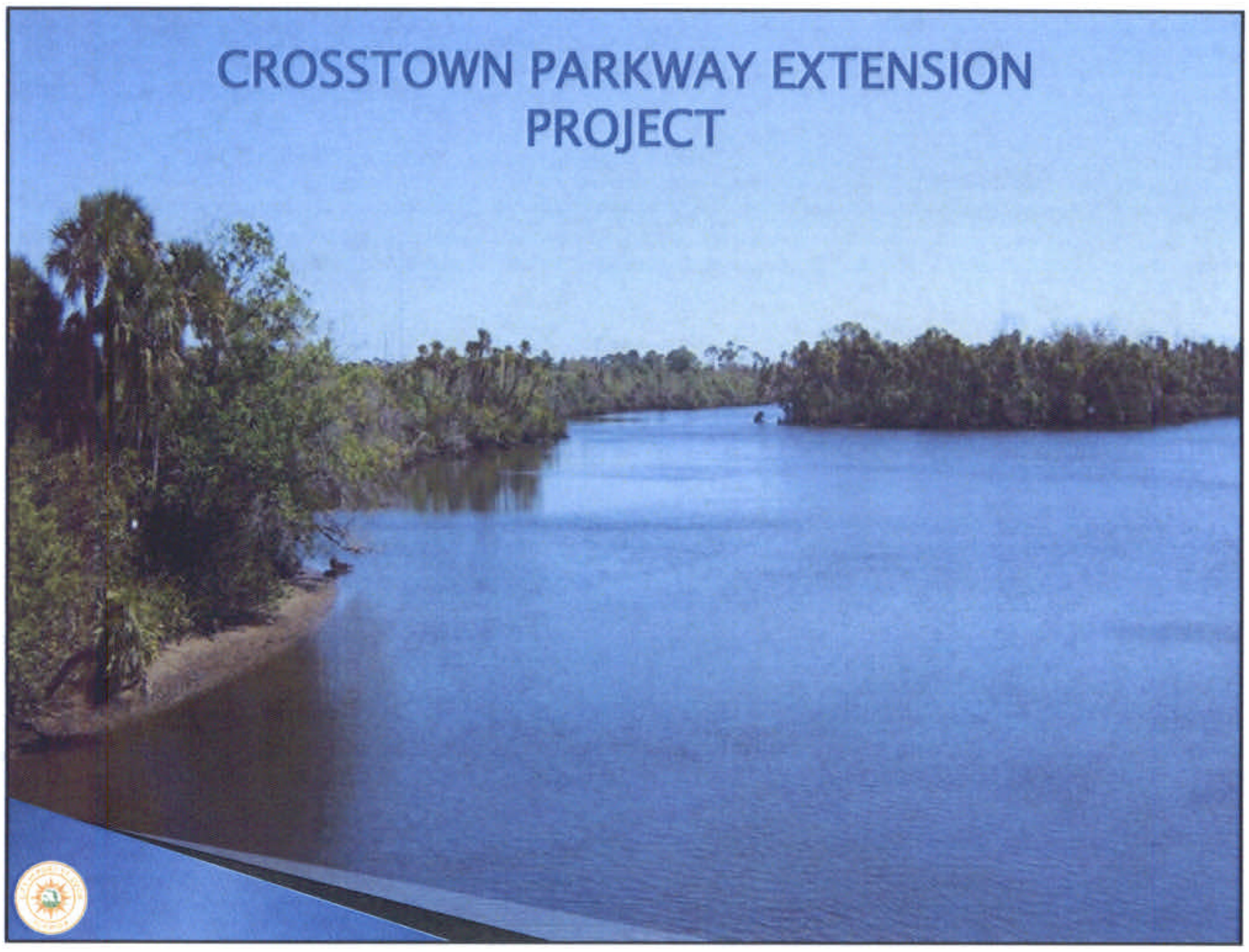


PORT ST. LUCIE BLVD WIDENING SOUTH

Gatlin Blvd to Becker Rd
Will be undergoing Project Development
& Environmental (PD&E) Study
funded and performed by FDOT

Total State and Federal Funding Secured to Date for these Roadway Improvement Projects

$3,793,044.20



CROSSTOWN PARKWAY EXTENSION PROJECT

RECENT ACTIONS

- March 21 — First draft of FEIS sent to FDOT & City for review
- April 16 to 20 — Value Engineering Analysis conducted
- April 25 — Received Platt's Creek SFWMD permit (Regulatory Mitigation)
- May 2 — Comments received from FDOT and City
- May 3 & 9 — Teleconference with FDOT and CEMO on comments
- May 21 — Meeting with FHWA to discuss development of FEIS with Alternative 1C as the Preferred Alternative
- May 24 — Meeting with USFWS to discuss comments and initiate Concurrence Process

CROSSTOWN PARKWAY EXTENSION PROJECT

RECENT ACTIONS

- May 25 **FDEP Provides Letter of Acceptance for City to convey 108.15 acres to satisfy MOU Requirements**
- May 29 Meeting with FHWA, USACE and NMFS to discuss comments and initiate Concurrence Process
- June 1 Meeting with NMFS to continue comments resolution
- June 12 **FHWA Provides Letter notifying FDOT to formally request FHWA to identify a Preferred Alternative (LPA 1C)**

CROSSTOWN PARKWAY EXTENSION PROJECT

RECENT ACTIONS

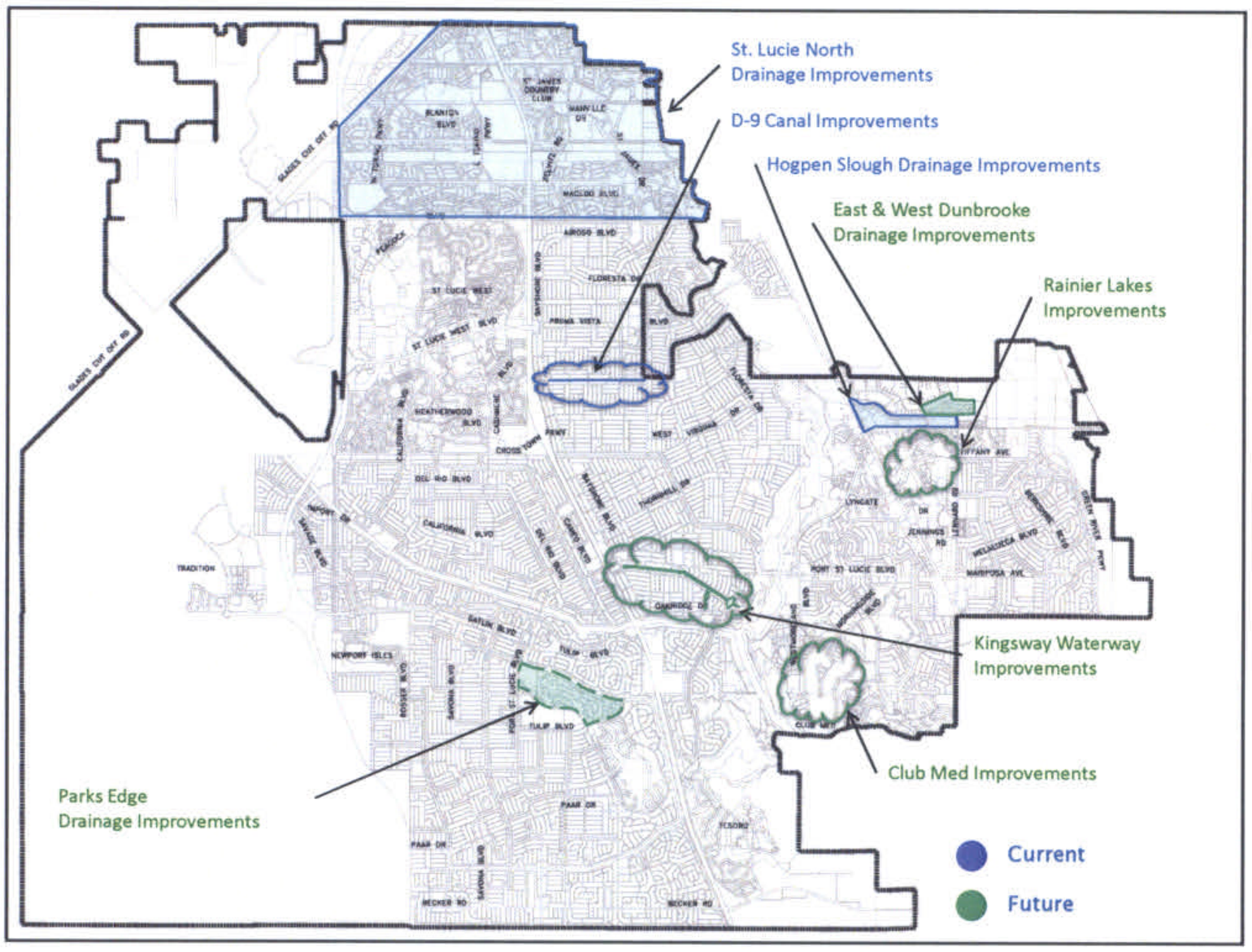
- June 13 Coordination with USCG regarding bridge clearance requirements
- June 15 & 22 Numerous Correspondence Provided to FDOT to address requirements of NMFS, USFWS, USACE and National Park Service
- June 19 FDOT forwards correspondence to agencies
- June 26 FDOT provided with draft letter of request to FHWA to select the LPA
- June 29 Revised Cultural Resource Assessment Survey for LPA pond sites and draft SHPO Clearance Request letter provided to FDOT
- July 3 Updated Wetlands Evaluation Report and responses to USACE comments provided to FDOT; Noise Reanalysis completed and results being evaluated
- July 12 FDOT forwards additional correspondence to agencies

CROSSTOWN PARKWAY EXTENSION PROJECT

ANTICIPATED UPCOMING EVENTS

- Advertise RFP for Design Services up to 59% completion
- Advertise RFP for Property Acquisition Services
- Complete remediation of previously purchased properties
- Obtain ACOE Permit for Platt's Creek (Regulatory Mitigation) Project
- Finish the design and permitting of the Proprietary Mitigation Projects
- Obtain approval from the Board of Trustees pursuant to MOU for Proprietary Mitigation and Right to an Easement to Cross River
- Complete the Final EIS
- **Anticipate Record of Decision (FHWA approval of the FEIS) in February, 2013**

DRAINAGE IMPROVEMENT PROJECTS



ST. LUCIE NORTH DRAINAGE IMPROVEMENTS

15 Different Work Locations

Repair Slopes at 2 Bridges (N. Macedo Blvd. & Jorgenson Rd.)

Replace Approximately 2,400 LF of Drainage Pipes

2,600 Feet of Canal Banks Cleared of Exotic Vegetation

Construct 1 New Detention Pond

Selvitz Road Sidewalk Upgrade

Exotic Vegetation Removal in 3 STA

Slope Reinforcement at 3 Water Control Structures

Under Construction
Estimated Completion Date February, 2013

ST. LUCIE NORTH DRAINAGE IMPROVEMENTS

C-108 Canal Cleanout

ST. LUCIE NORTH DRAINAGE IMPROVEMENTS

Rugby Drive Culvert and Ditch

ST. LUCIE NORTH DRAINAGE IMPROVEMENTS

Rugby Drive Pipe Crossing

D-9 CANAL DRAINAGE IMPROVEMENTS

Community Development Block Grant (CDBG) Program Funded

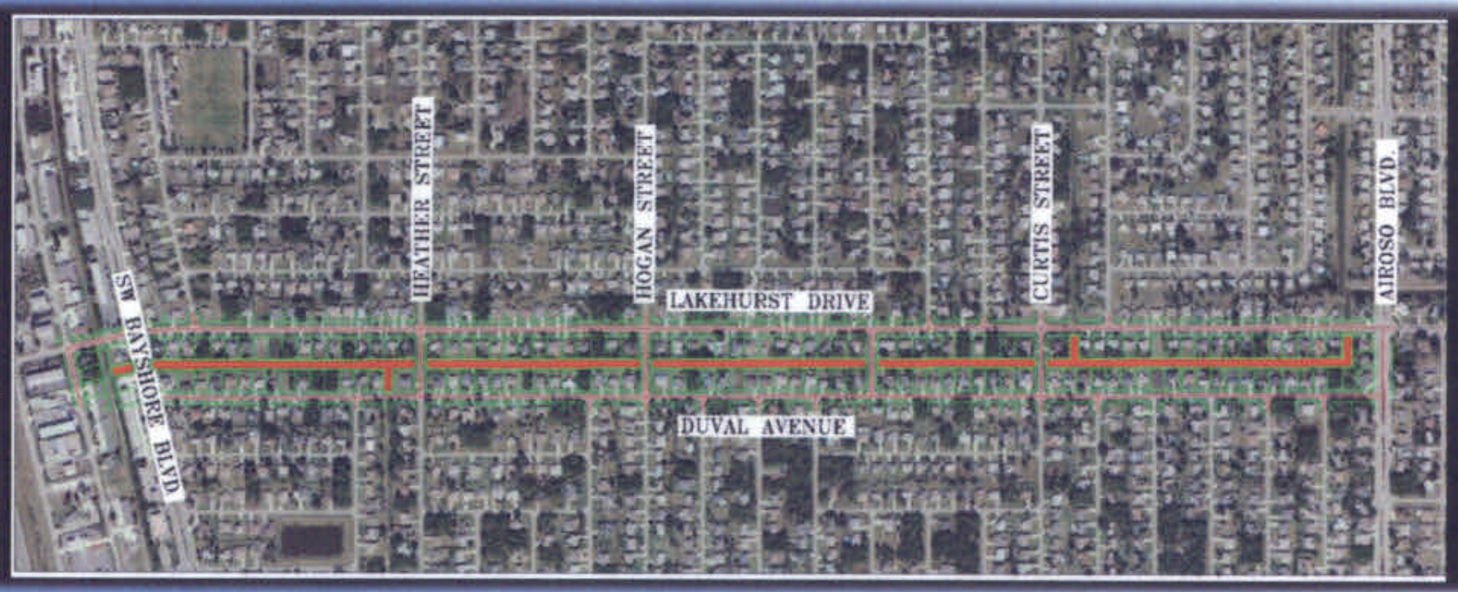
St. Lucie County Sponsored City Project

Bayshore Blvd. to Airoso Blvd.

Slope Stabilization

Under Construction
Estimated Completion Date December, 2012

D-9 CANAL DRAINAGE IMPROVEMENTS



Bayshore Blvd East to Airoso Blvd

D-9 CANAL DRAINAGE IMPROVEMENTS

Existing Conditions

D-9 CANAL DRAINAGE IMPROVEMENTS

Typical Gabion Baskets

HOG PEN SLOUGH DRAINAGE IMPROVEMENTS

Community Development Block Grant (CDBG) Program Funded

St. Lucie County Sponsored City Project

Flowage Capacity Enhancements

Under Construction
Estimated Completion Date October, 2012

HOG PEN SLOUGH DRAINAGE IMPROVEMENTS

Drainage Area

KINGSWAY WATERWAY DRAINAGE IMPROVEMENTS

Design & Permitting Underway

Work Plan:

Dredge East Segment off Floresta Drive

West Segment off Floresta Drive - Canal Slope Clearing, Slope Stabilization, Upgrade Sidelot Pipes, Dredge Canal As Needed

Estimated Design/Permitting Completion Date February, 2013

KINGSWAY WATERWAY DRAINAGE IMPROVEMENTS

Project Area
West Segment – Green
East Segment - Yellow

KINGSWAY WATERWAY DRAINAGE IMPROVEMENTS

Typical Clearing Operation

PARKS EDGE DRAINAGE IMPROVEMENTS

Road and Side Lot Drainage Upgrade
CDBG Program Funded
Undergoing RFP process

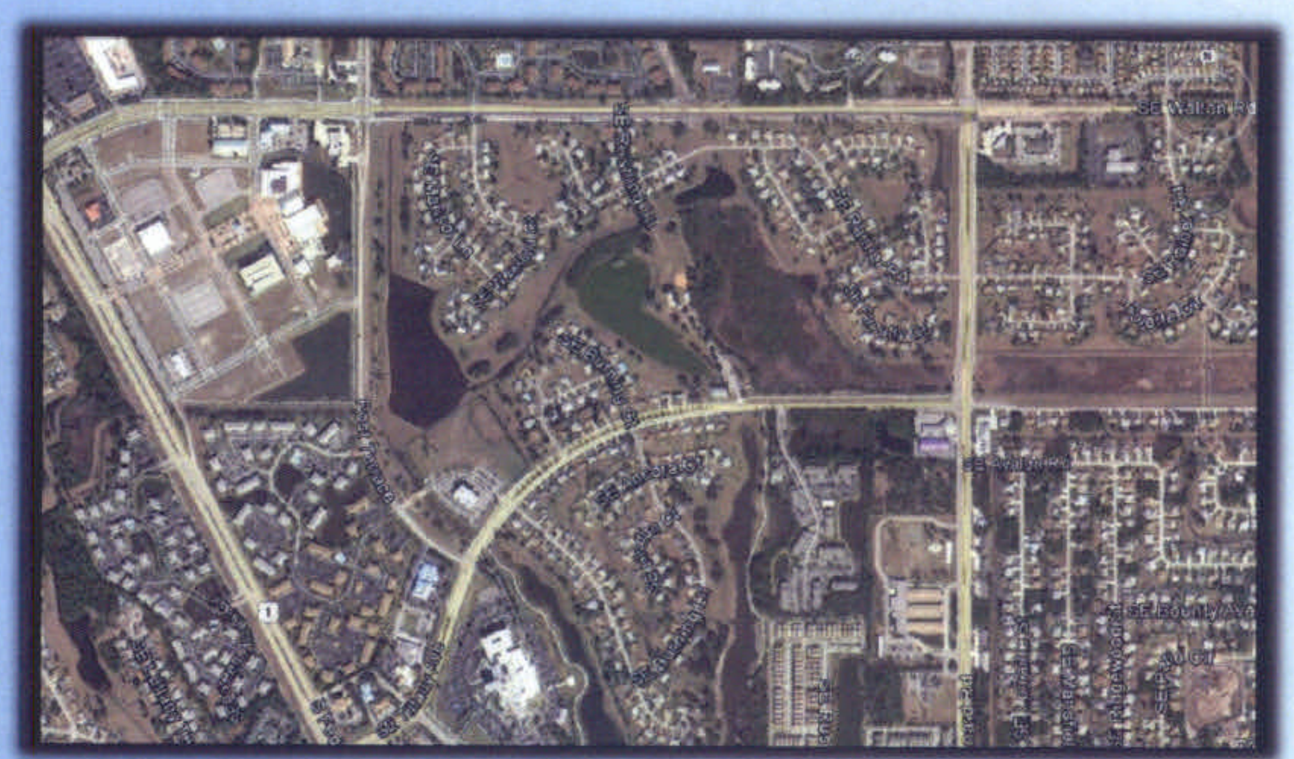
EAST AND WEST DUNBROOKE DRAINAGE IMPROVEMENTS

Flowage Capacity Enhancement
CDBG Program Funded
Undergoing RFP process

CLUB MED
DRAINAGE IMPROVEMENTS

Under Design

RAINIER LAKES
DRAINAGE IMPROVEMENTS



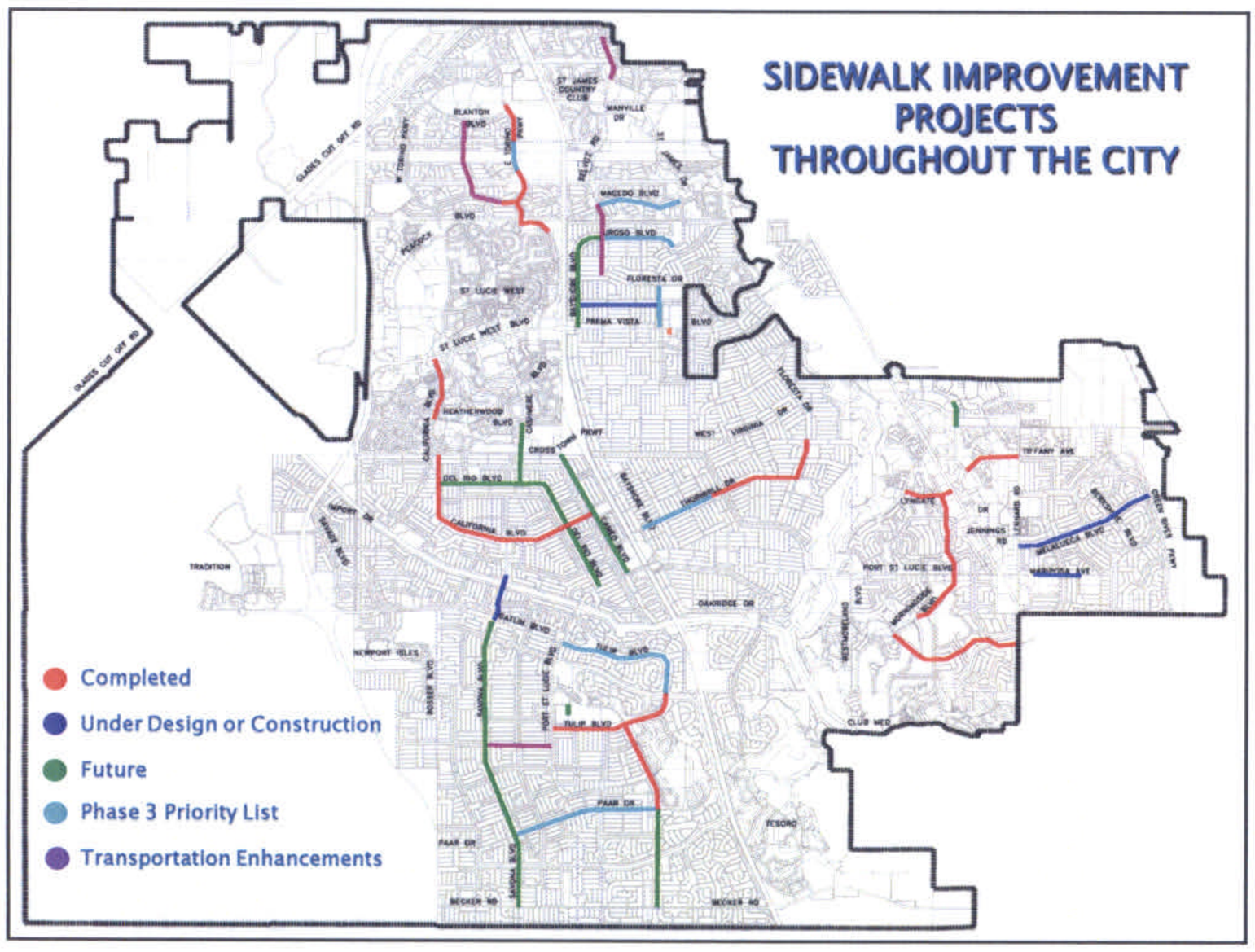
Roadway Drainage Upgrades
CDBG Program Funded
Under Design

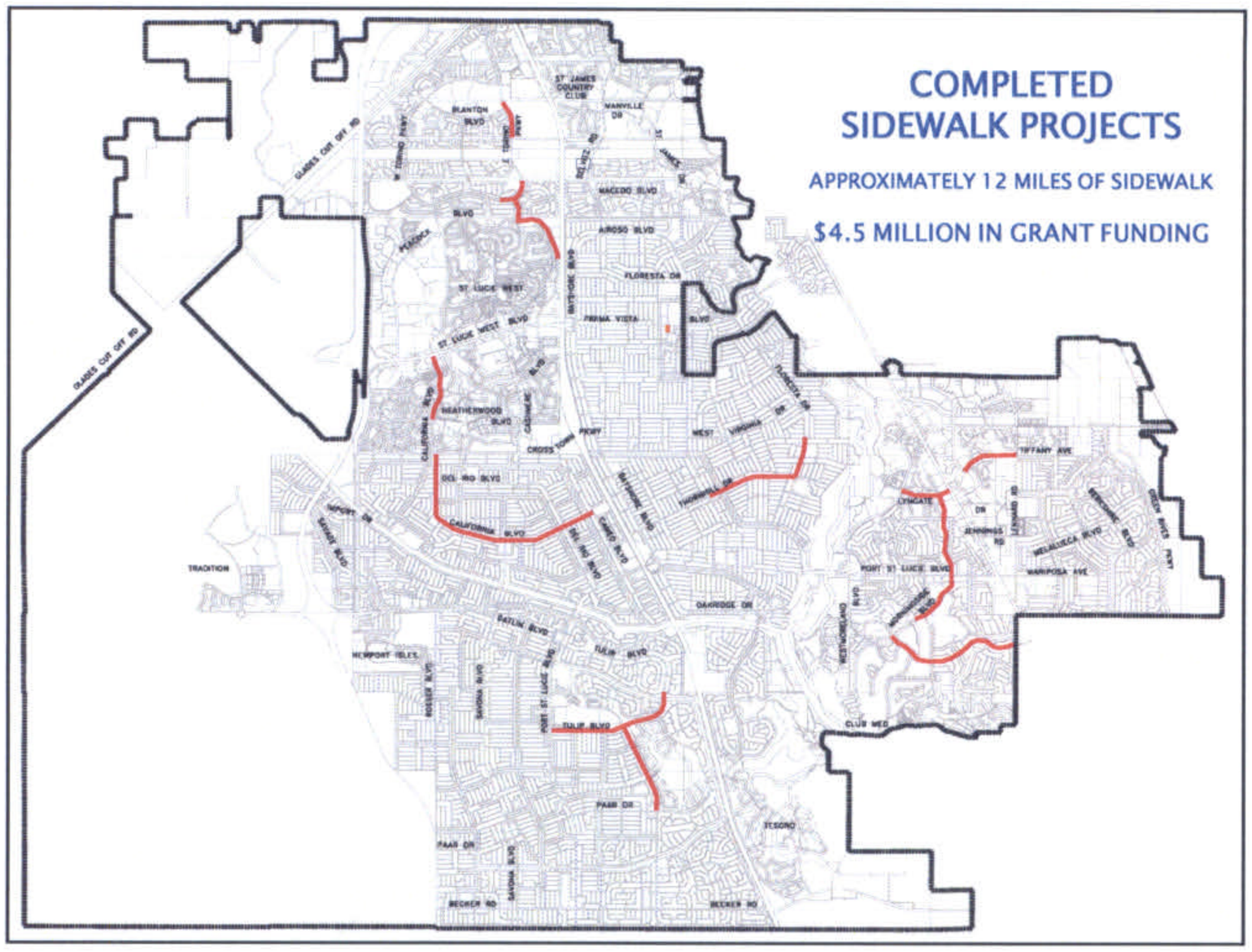
Total State and Federal Funding
(FEMA, NRCS, SLRIT & CDBG)
Secured to Date for these
Drainage Improvement Projects

$5,901,197.46

SIDEWALK PRIORITY LIST

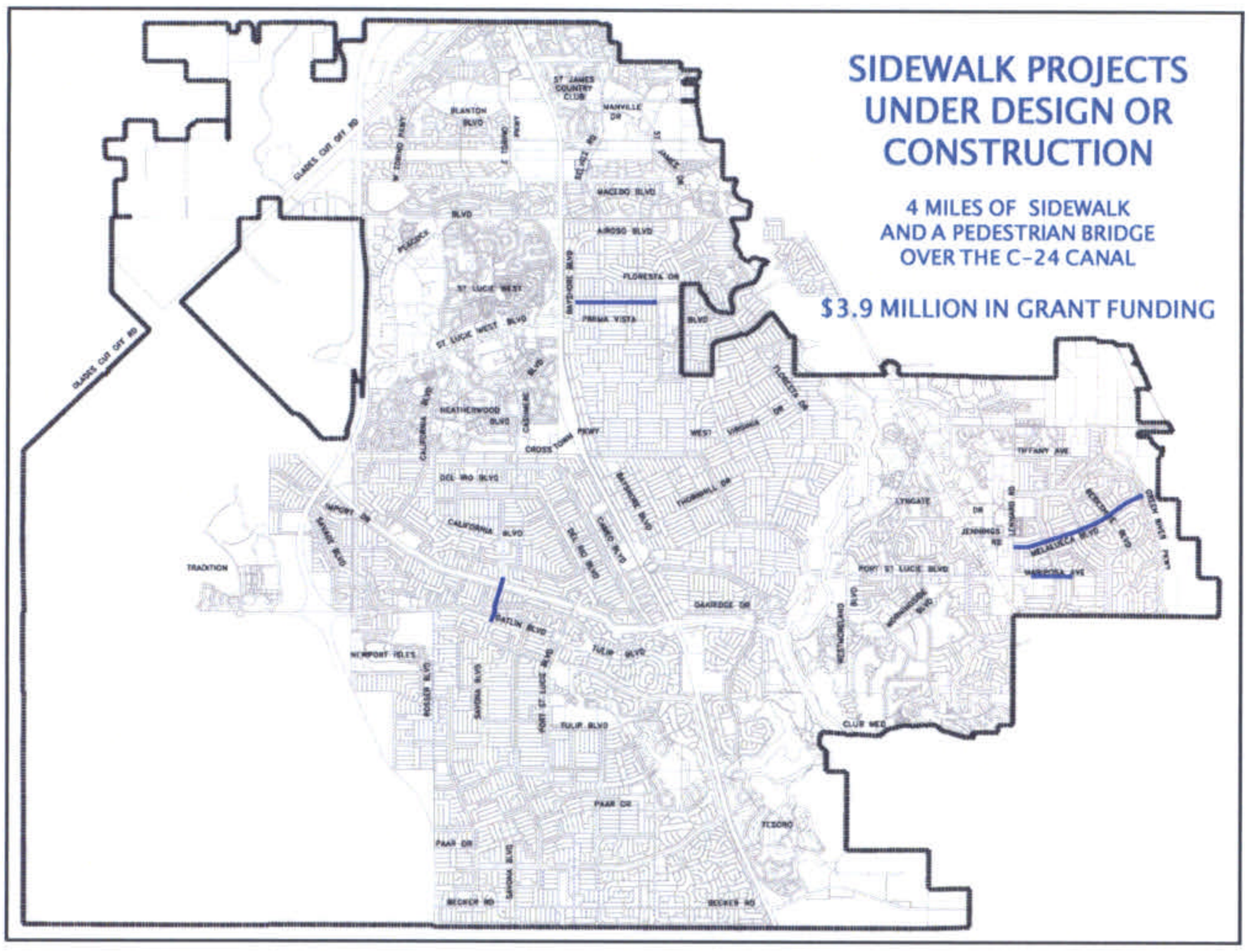
Roadway	From	To
Grant Sidewalks		
Morningside Blvd	Port St. Lucie Blvd	Lyngate Drive
Floresta Drive	Thornhill Drive	Bywood Ave
Westmoreland Blvd	Morningside Blvd	Bakersfield Street
Marion Avenue	Curtis Street	Bayshore Boulevard
Savona Boulevard	Gatlin Boulevard	Ped Bridge C-24 Canal
Morigny Avenue	Holy Family Catholic Church	SE Burton St.
Bayshore Boulevard	Prima Vista Blvd	Floresta Drive
Darwin Boulevard	Paar Drive	Becker Road
Del Rio Boulevard	Carhmore Blvd	Port St. Lucie Blvd
Bayshore Boulevard	Selvitz Rd	St. James Dr
Tulip Boulevard	Cherryhill Road	Port St. Lucie Blvd
Phase I Sidewalk Priority List		
Carhmore Blvd	West Gate K-8	East Torino Pkwy
California Blvd	Camera Blvd	Pomona Street
Tulip Blvd	Cherryhill Rd	Pumpkin Street
Phase II Sidewalk Priority List		
California Blvd	Pomona Street	Crosstown Parkway
Tulip Blvd	Pumpkin Street	Port St Lucie Blvd
East Torino Pkwy	Cusco Ave	Peacock Pines Apartments
Thornhill Drive	Floresta Drive	Airport Blvd
Morningside Blvd	Port St. Lucie Blvd	Cambridge Drive
California Blvd	St. Lucie West Blvd	Heatherwood Drive
Phase III Sidewalk Priority List		
Darwin Blvd	Tulip Blvd	Parr Dr
Savona Blvd	Parr Drive	Gatlin Blvd
Melaleuca Blvd Phase 2	Leonard Rd	Camden Street
Camera Blvd	Port St. Lucie Blvd	Crosstown Parkway
Carhmore Blvd	Del Rio Blvd	Crosstown Parkway
Del Rio Blvd	California Blvd	Carhmore Blvd
Savona Blvd	Becker Road	Parr Dr
East Torino Pkwy	C-106 Canal	Peacock Pines Apartments
Curtis St	Prima Vista Blvd	Floresta Drive
Paar Drive	Port St. Lucie Blvd	Savona Blvd
Paar Drive	Darwin Blvd	Port St. Lucie Blvd
Thornhill Drive	Airport Blvd	Bayshore Blvd
Melaleuca Blvd Phase 1	Camden Street	Berkshire Blvd
Melaleuca Blvd Phase 2	Berkshire Blvd	Green River Pkwy
Macedo Blvd	Selvitz Road	St. James Blvd
Community Redevelopment Agency (CRA) Sidewalks		
Tiffany Avenue Phase 1	Village Green Dr	Lennard Road
Tiffany Avenue Phase 2	Village Green Dr	Tiffany Apartments
Lyngate Drive	US-1	Veterans Memorial Pkwy
Charthwell St	Assisted Living Facility	Tunis Ave
Village Green Dr	Walton Rd	St. Lucie Golf Village Community
TPO Sidewalk Priority List		
East Torino Pkwy	Velusia Dr	Conve St
Selvitz Rd	Milner Dr	Peachtree Blvd
Selvitz Rd	Floresta Drive	North Macedo Blvd
Velusia Dr	E. Torino Pkwy	Blanton Dr
Alcantarra Blvd	Port St. Lucie Blvd	Savona Blvd





COMPLETED SIDEWALK PROJECTS

Morningside Blvd. - PSL Blvd. to Lyngate Dr.
Floresta Dr. - Thornhill Dr. to Bywood Ave.
Westmoreland Blvd. - Morningside Blvd. to Bakersfield St.
Cashmere Blvd. - West Gate K-8 to East Torino Pkwy.
California Blvd. - Cameo Blvd. to Pamona St.
Tulip Blvd. - Cherry Hill Rd. to Pumpkin St.
California Blvd. Pamona St. to Crosstown Pkwy.
Tulip Blvd. Pumpkin St. to Port St. Lucie Blvd.
East Torino Pkwy. - Corso Ave. to Peacock Run Apartments
Thornhill Dr. - Floresta Dr. to Airoso Blvd.
Morningside Blvd. - Port St. Lucie Blvd. to Cambridge Dr.
California Blvd. - St. Lucie West Blvd. to Heatherwood Dr.
Darwin Blvd. - Tulip Blvd. to Paar Dr.
Tiffany Ave. Phase 1 - Village Green Dr. to Lennard Rd.
Tiffany Ave. Phase 2 - Village Green Dr. to Tiffany Apartments
Lyngate Dr. - Veterans Memorial Pkwy to US-1
Ravenswood Ln. - Library to Prima Vista BLvd.



SIDEWALK PROJECTS UNDER DESIGN OR CONSTRUCTION

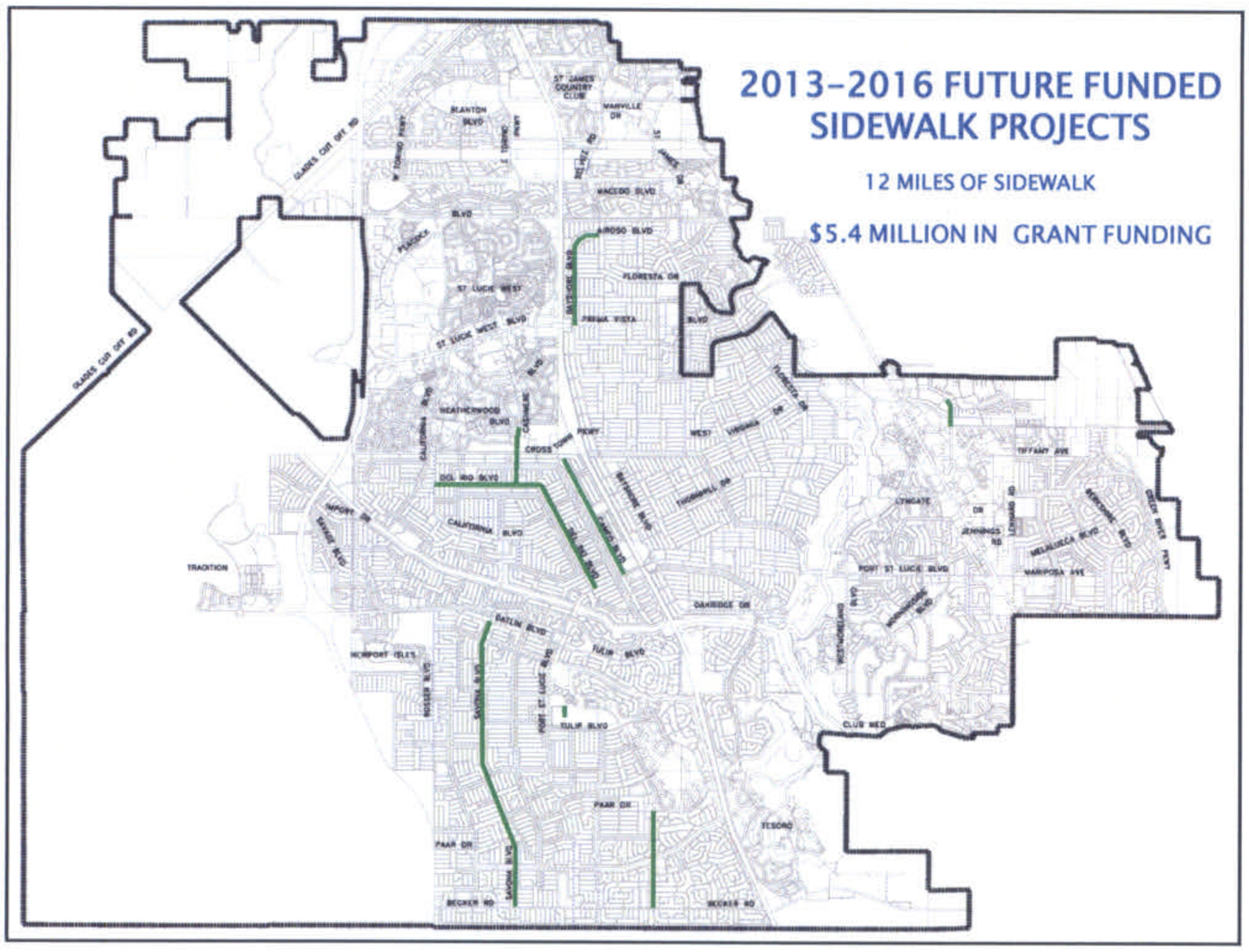
Marion Ave. - Bayshore Blvd. to Curtis St., construction to begin in August

Savona Blvd. - Gatlin Blvd. to over the C-24 Canal, design is 60% complete

Melaleuca Blvd. - Camden St. to Green River Pkwy, design is 60% complete

Melaleuca Blvd. - Lennard Rd. to Camden St., design is 30% complete

Mariposa Ave. - Holy Family Catholic Church to Burton St., design has just begun



2013-2016 FUTURE FUNDED SIDEWALK PROJECTS

Savona Blvd. - Gatlin Blvd. to Becker Rd.

Darwin Blvd. - Paar Drive to Becker Rd.

Cashmere Blvd. - Del Rio Blvd. to North of Centennial High School

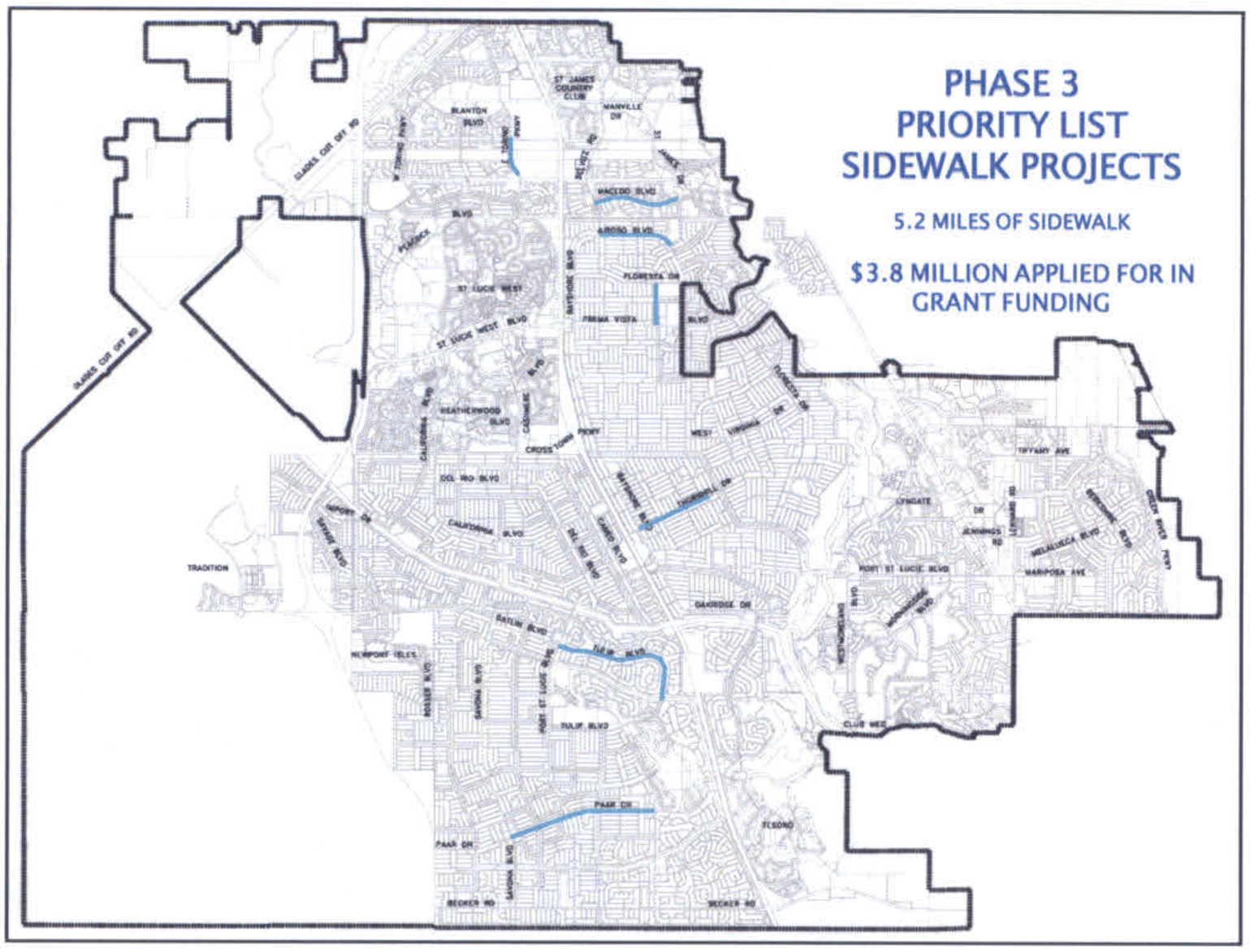
Bayshore Blvd. - Prima Vista Blvd. to Selvitz Rd.

Del Rio Blvd. - Port St. Lucie Blvd to California Blvd.

Cameo Blvd. - Port St. Lucie Blvd. to Crosstown Pkwy.

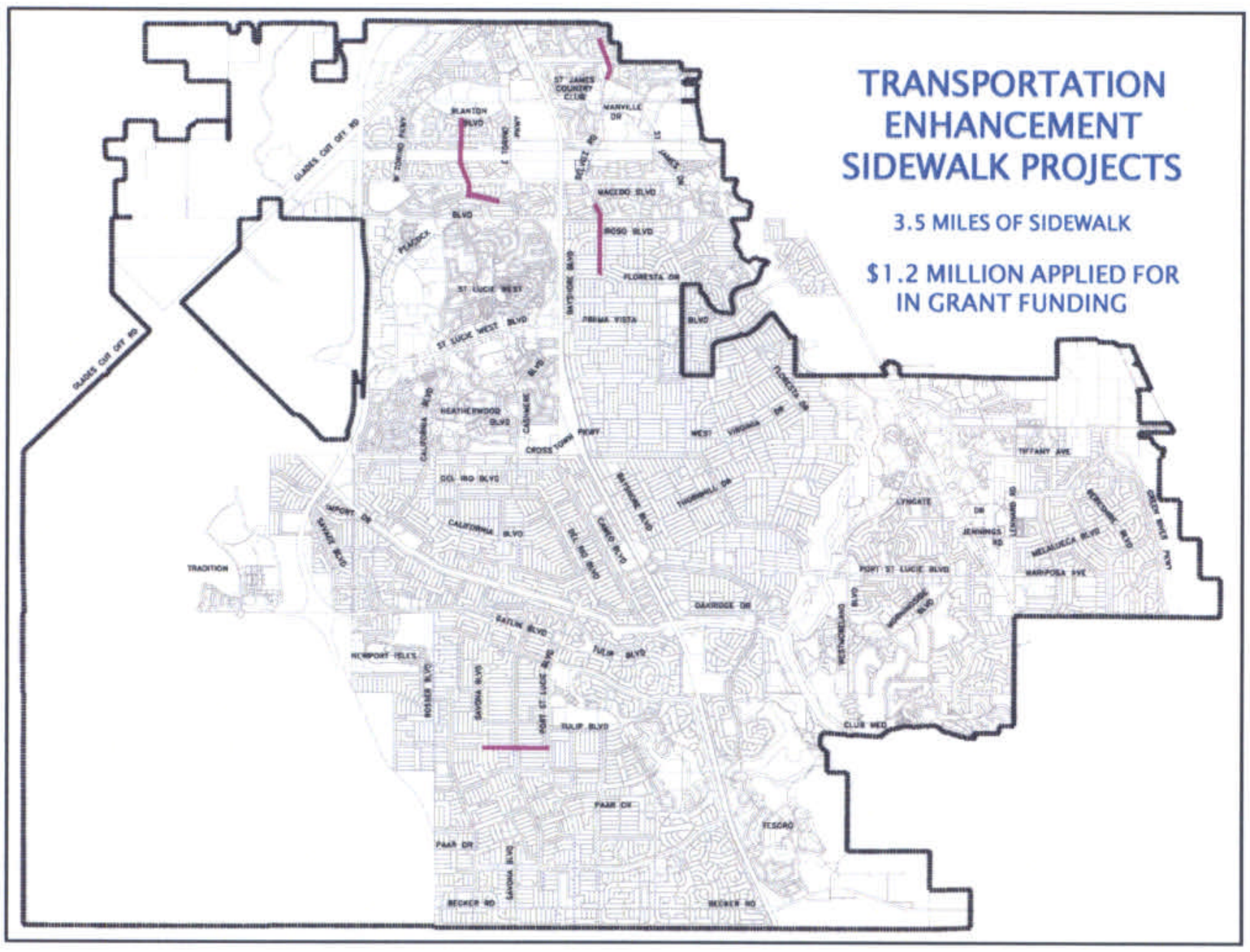
Chartwell St. - Assisted Living Facility to Tunis Ave.

Village Green Dr. - Walton Rd. to St. Lucie Golf Community



PHASE 3 PRIORITY LIST SIDEWALK PROJECTS

- Bayshore Blvd. - Selvitz Dr. to St. James Dr.
- Tulip Blvd. - Cherry Hill Rd. to Port St. Lucie Blvd.
- East Torino Pkwy. - C-106 Canal to Peacock Run Apts.
- Curtis St. - Prima Vista Blvd. to Floresta Dr.
- Paar Dr. - Darwin Blvd. to Savona Blvd.
- Thornhill Dr. - Airoso Blvd. to Bayshore Blvd.
- Macedo Blvd. - Selvitz Rd. to St. James Blvd.



TRANSPORTATION ENHANCEMENT SIDEWALK PROJECTS

East Torino Pkwy – Volucia Dr. to Conus St.

Selvitz Rd. – Milner DR. to Peachtree Blvd.

Selvitz Rd. – Floresta Dr. to North Macedo BLvd.

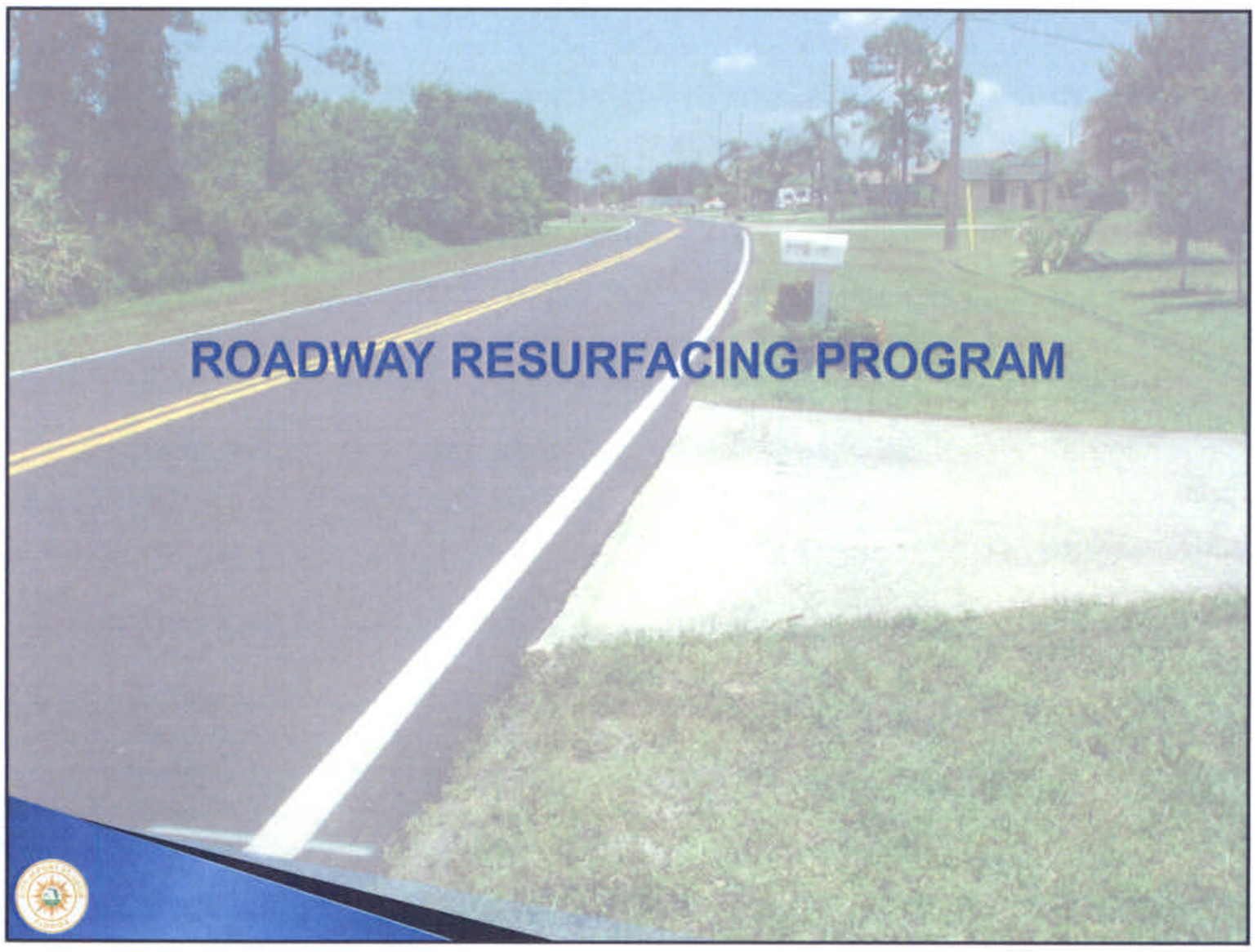
Volucia Dr. – Blanton Blvd. to E. Torino Pkwy.

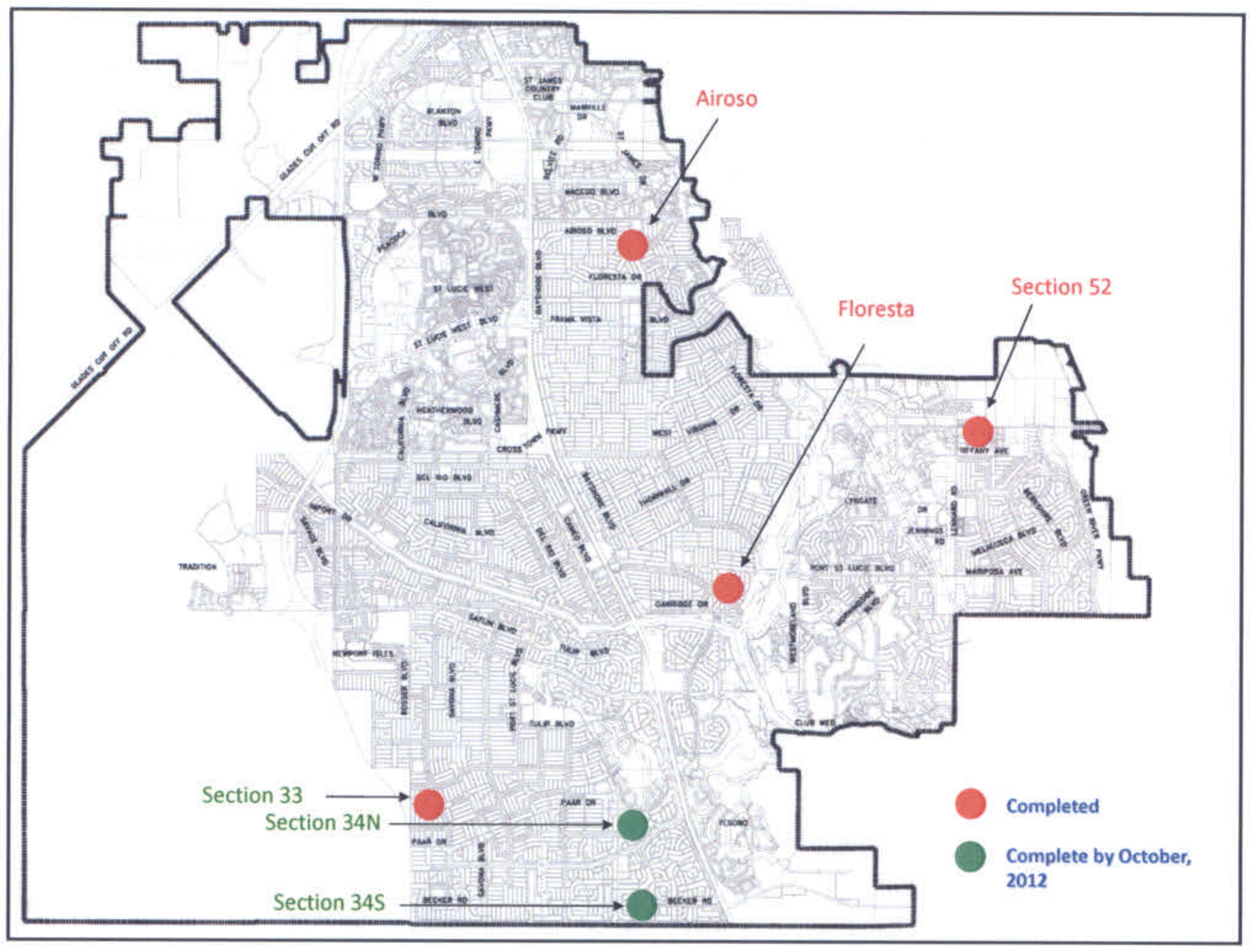
Alcantarra Blvd. – Savona Blvd. to Port St. Lucie Blvd.

Total State and Federal Funding
Secured to Date for these
Sidewalk Improvement Projects

28 Miles of Sidewalk

$13,800,000 in Funding!





ROADWAY RESURFACING PROGRAM

Section 52

Rainier Rd.
N. & S. Balcourt Ct.
Collete Cir.
Collete Ct.
Cambia Ct.
Meadwood Cir.
Arenson Ln.
Belgius Ct.
Belcrest St.
Starklake Ct.
Gainsboro St.
Darien Rd.
Gadsan Ave.

Section 33

Abovo St.
Jacksonville Ave.
Daemon St.
Babylon St.
Earnest St.
Iffla Ave.
Farmington St.
Kamchatka Ave.
Cacao St.
Hackensack Ave.
Gager Rd.
Falmouth Ave.
Hagaplan St.

Complete!

ROADWAY RESURFACING PROGRAM

Airoso Blvd. from St. James Dr. to Avens St.

Port St. Lucie Blvd. from bridge at C-24 to Dalton Cir.

Floresta Dr. from Port St. Lucie Blvd. to Essex Dr.

Complete!

ROADWAY RESURFACING PROGRAM

Residential Street Repaving

ROADWAY RESURFACING PROGRAM

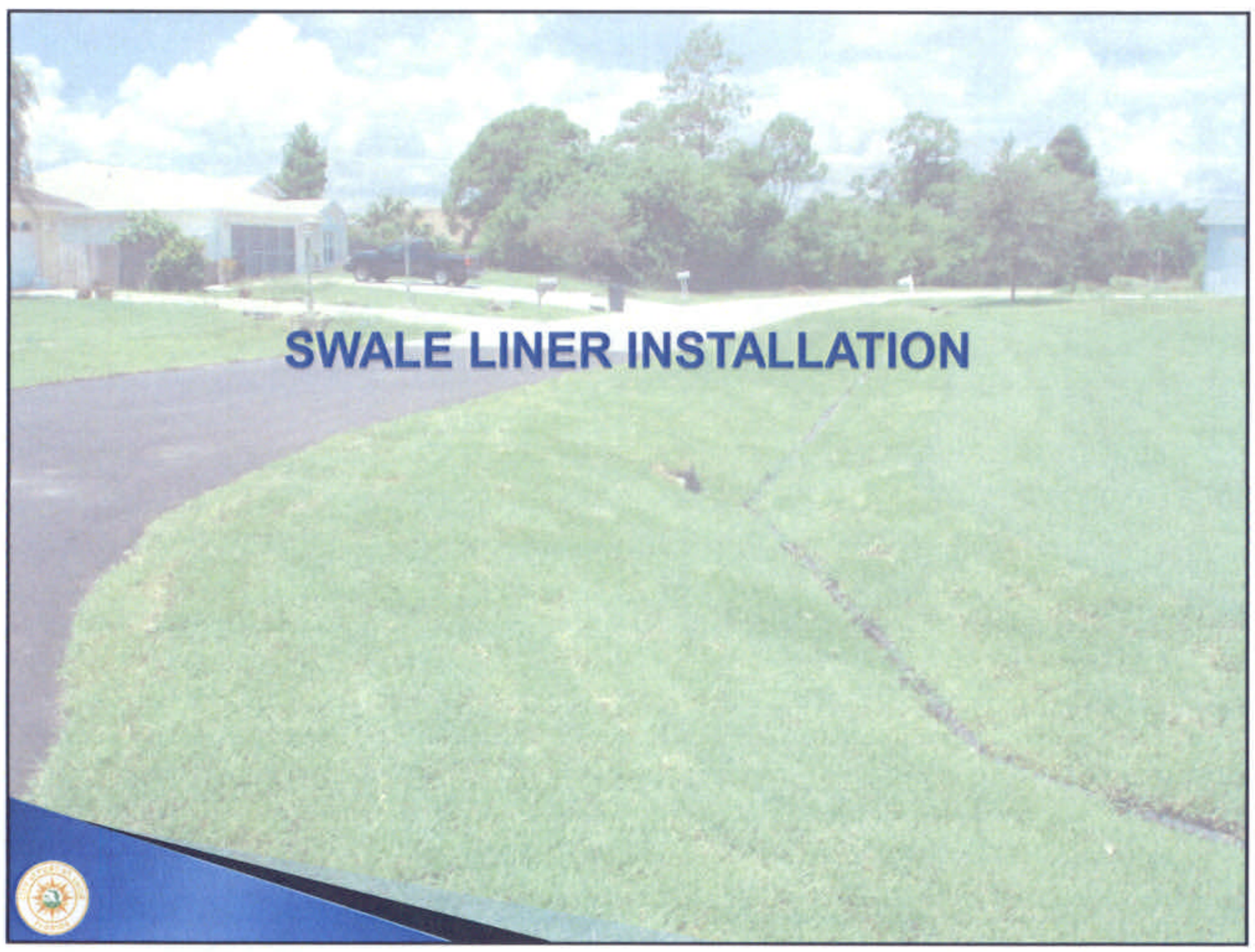
Section 34A – South Side

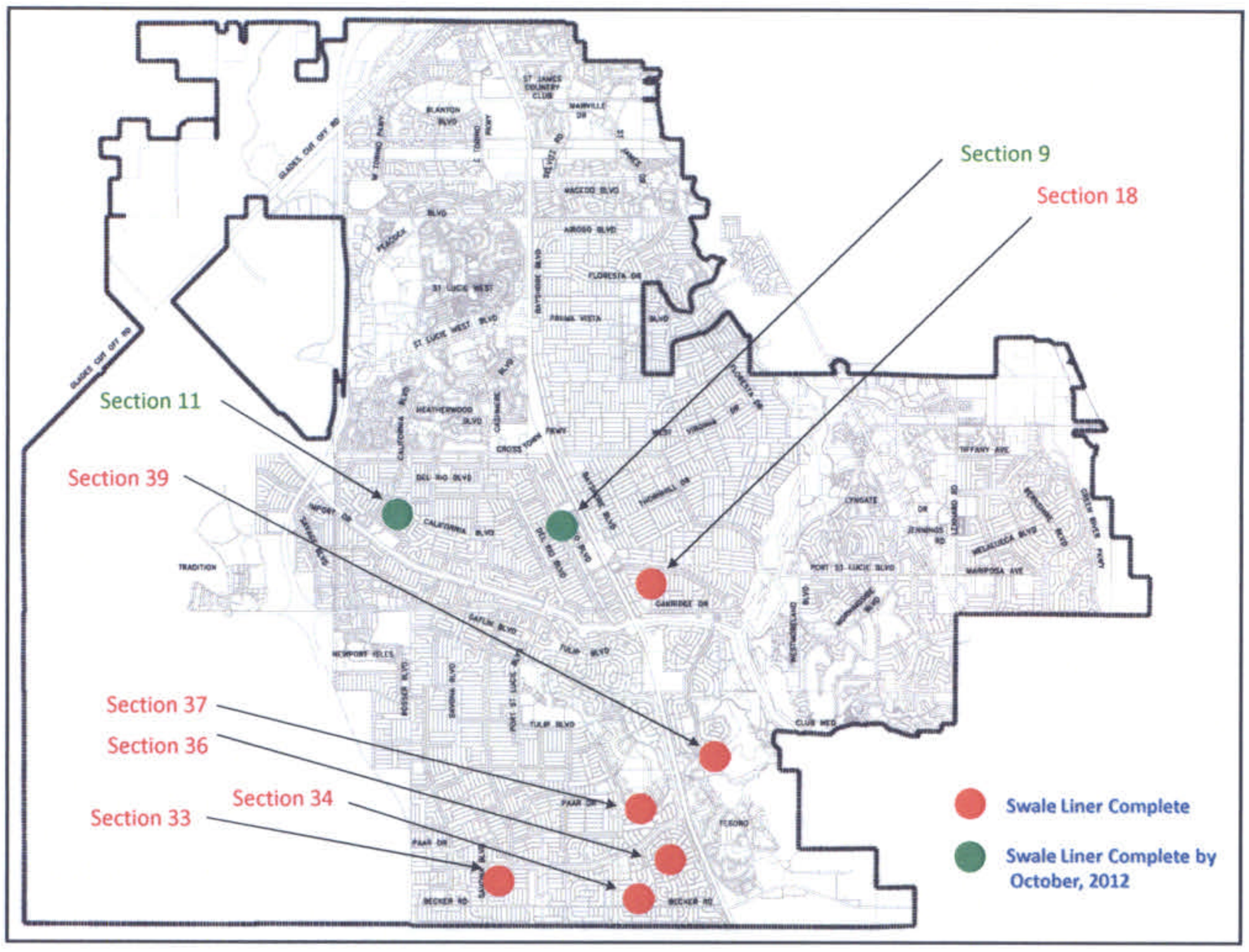
Nackman Terr.
Janice Ave.
Junietta Terr.
Lassiter Terr.
Caisson St.
Sea Lion Rd.
Milburn Cir.
Felix Ave.
Ladybug Dr.
Mill Ct.
Euler Ave.
Euler Ct.
Beta Ln.
Pilsner Cir.
Card Ct.
Apha St.
Bradbury St.
Crawfish Dr.
Osborne St.
Leeward St.
Halibut Ave.
Otter St.
Albacore St.

Section 34B – North Side

Columbus Dr.
Alcan Dr.
Alcan Ct.
Tahoe Ct.
Verink St.
Baturro St.
Shadd St.
Bonney St.
Rabbit Ave.
Nadell Ave.
Inez Ct.
Baird St.
Allsworth St.
Dustin Ave.
Callicoe St.
Nagle Pl.

To be completed by October, 2012





SWALE LINER

Section 37

Hawthorne Cir.
Oakland Ave.
Meade Cir.
Catskill Dr.
Hill St.
Myers Ct.
Paar Dr.
Macon Ln.
Crestview Rd.
Lion Ln.

Section 36

Ridgecrest Dr.
Exora Terr.
Chad Ave.
Lama Ave.
Muncie St.
Kestor Dr.
Nabble Ave.
Macad St.
Film Ave.
Webb St.
Saginaw Ave.
Namoit Pl.
Elba St.
Palau Ln.

Completed!

SWALE LINER

Section 34

Ridgecrest Dr.
Elderberry Dr.
Athena Dr.
Paley Rd.
Yager Pl.
Hide Pl.
Uneeda Pl.
Taluga St.
Klee Cir.
N. Wakefield Cir.
S. Wakefield Cir.
Xavier St.
Darwin Blvd.
Cabo Ct.
Calicoe St.
Tumble St.
Dustin Ave.
Hollyhock Ave.
Baird St.
Allsworth St.

Section 39

West Snow Rd.
Quay St.
Wake Rd.
Eagle Dr.
Ines Ave.
Peru St.
Cork Rd.
Nome Dr.
Stowe Terr.
Pinto St.
Otis Ln.
Fall St.
Tate St.
Nance St.
Fisk Ave.
Pier St.
Bella Rd.
Navy Ave.
Joel Pl.
Kern Rd.

Section 18

Hemsing St.

Completed!

SWALE LINER

Section 33

Facet Ave.
Rachel St.
Darmouth St.
Eckard St.
Calmar St.
Abbott St.
Abraham St.
Ulster Ave.
Jacksonville St.
Kamchatka St.
Rosser Blvd.
Iffla Ave.
Daemon St.
Hackensack Ave.
Abovo St.
Babylon St.
Cacao St.
Gager Rd.
Farmington St.
Gainsboro St.
Hagaplan St.
Edinburgh Dr.

Completed!

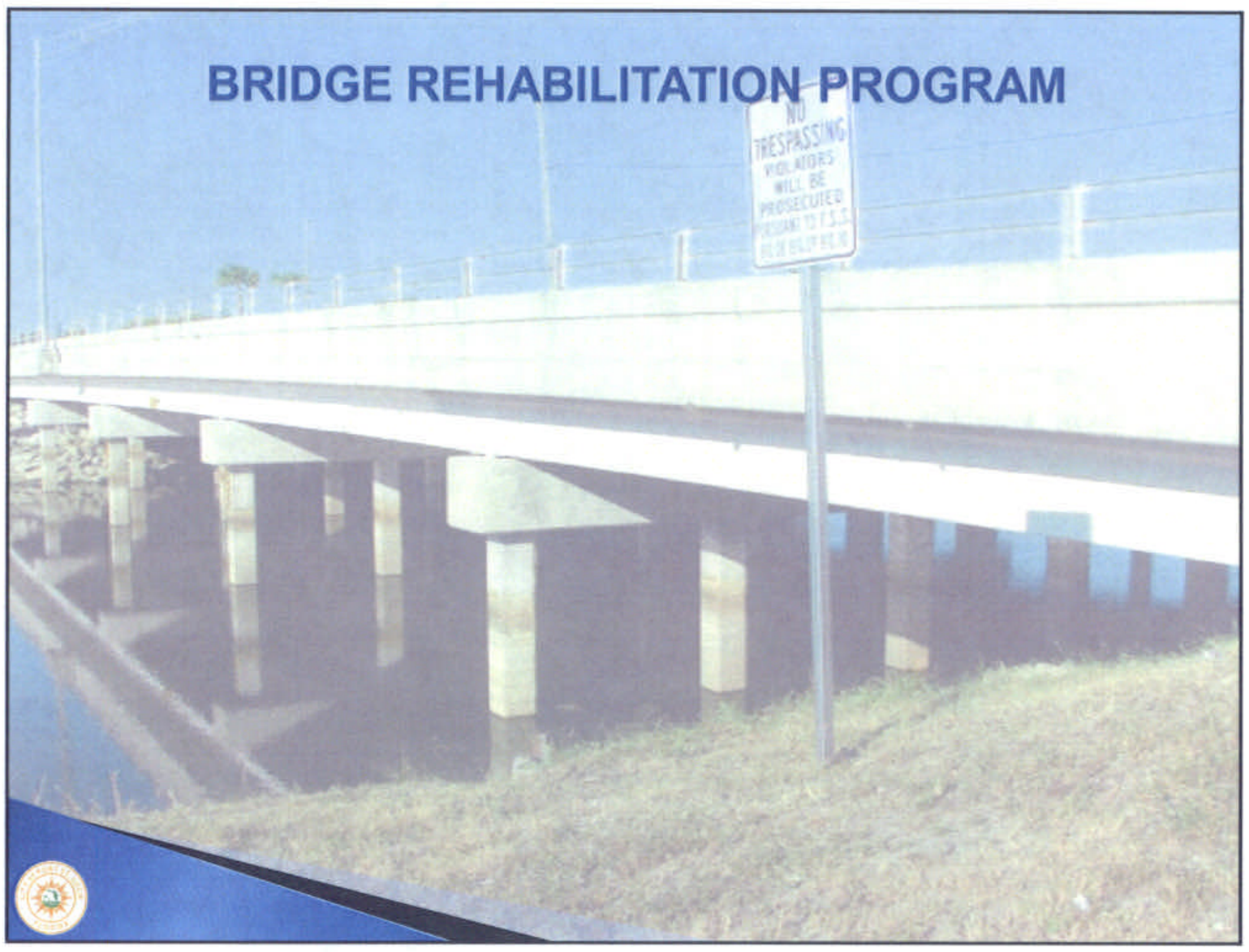
SWALE LINER INSTALLATION

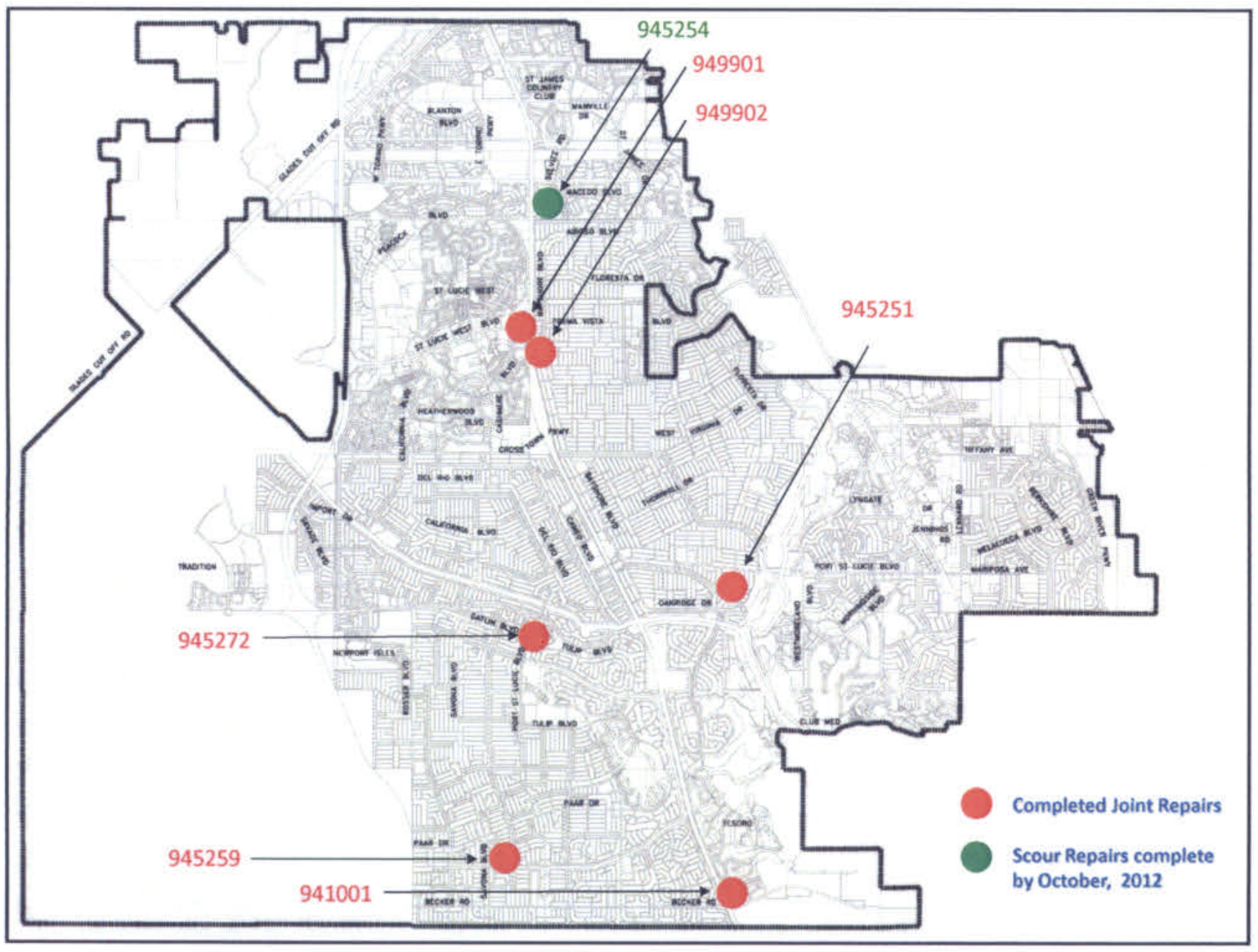
Replaced Swale Liner

SWALE LINER

Section 11	Section 9
Leafy Rd.	Arkansas Terr.
Villanova Rd.	Gretchen Terr.
Cecelia Ln.	Castinet Ln.
Alberca Ln.	Canary Terr.
Bradway Ln.	Jennifer Terr.
Ruiz Terr.	Amethist Terr.
Fortune Rd.	Duncan Terr.
	Grape Ct.

To be completed by
October, 2012


BRIDGE REHABILITATION PROGRAM
NO TRESPASSING
VIOLATORS WILL BE PROSECUTED


945254
949901
949902
945251
945272
945259
941001
Completed Joint Repairs
Scour Repairs complete by October, 2012

BRIDGE REHABILITATION PROGRAM

Deck Joint Rehabilitation

941001 - Becker Rd. Bridge over Florida's Turnpike

945272 - Port St. Lucie Blvd. Bridge over C-24 Canal

949901 - St. Lucie West Blvd. over Florida's Turnpike-WB

949902 - St. Lucie West Blvd. over Florida's Turnpike-EB

945251 - Southbend Blvd. Bridge over C-24 Canal

945259 - Savona Blvd. Bridge over E-8 Canal

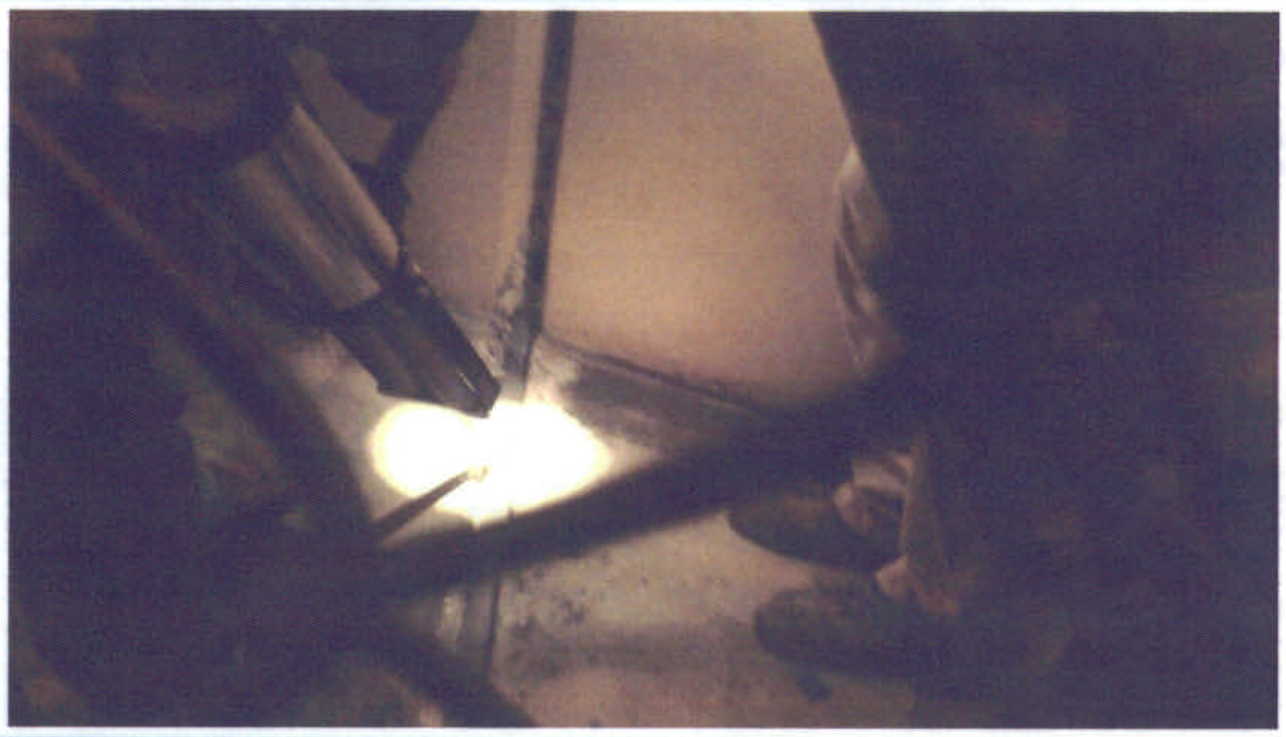
Completed!

Scour Pile Rehabilitation

945254 - N. Macedo Blvd. Bridge over C-108 Canal

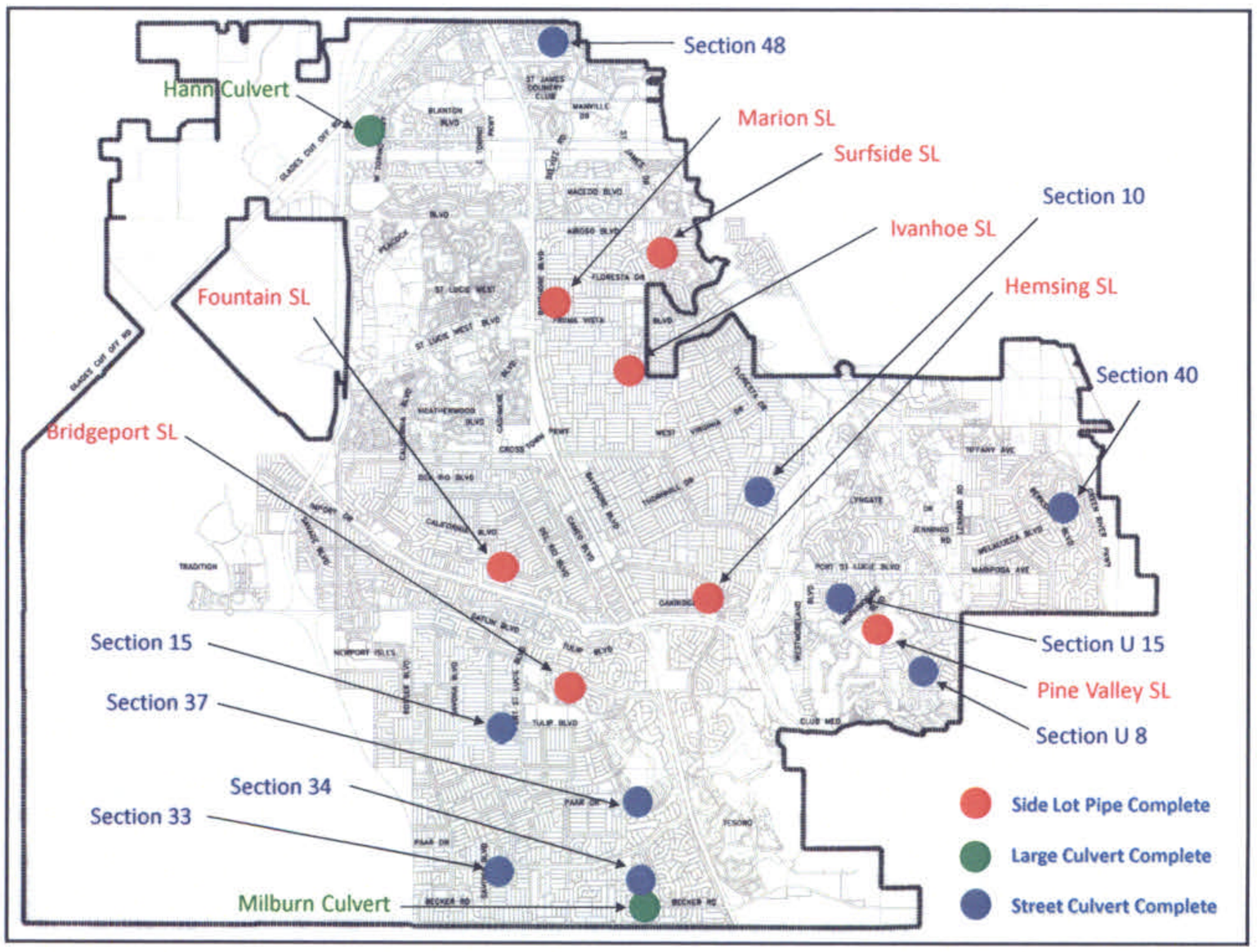
To be completed by October, 2012

BRIDGE REHABILITATION PROGRAM



Deck Joint Rehabilitation

CULVERT INSTALLATION PROGRAM


Section 48
Hann Culvert
Marion SL
Surfside SL
Section 10
Ivanhoe SL
Hemsing SL
Fountain SL
Section 40
Bridgeport SL
Section U 15
Pine Valley SL
Section U 8
Section 15
Section 37
Section 34
Section 33
Milburn Culvert
Side Lot Pipe Complete
Large Culvert Complete
Street Culvert Complete

CULVERT INSTALLATION PROGRAM

Street Culverts

Section 34

Glen Rd. at Exora Terr.
Nabble Ave. at Exora Terr.
Lama Ave. at Macad St.
Exora Ln. at Lama Ave.
112 Chad Ave.
Ridgecrest Dr. at Kestor Dr.
Uneeda Pl. at Athena Dr.
Exora Terr. at Ridgecrest Dr.
Muncie St. at Ridgecrest Dr.
Film Ave. at Macad St.
Hide Pl. at Ridgecrest Dr.
Taluga St. at Athena Dr.
Nabble Ave. at Ridgecrest Dr.
257 N. Wakefield Cir.
Macad St. at Nabble Ave.
Dustin Ave. at Baird St.
Allsworth St. at Dustin Ave.
Dustin Ave. at Hollyhock Dr.

Section 37

Oakland Ave. at Hawthorne Cir.
Myers Ct. at Hawthorne Cir.
Bell Ct. at Crestview Rd.

Section 39

Pinto St. at Wake Rd.
Otis Ln. at Pinto St.
Wake Rd. at Pinto St.
3209 Otis Ln.

Completed!

CULVERT INSTALLATION PROGRAM

Street Culverts

Section 33

Rosser Blvd. at Iffla Ave.
Hackensack Ave. at Rosser Blvd.
Daemon St. at Hackensack Ave.
4243 Daemon St.
Gadsan Ave. at Rosser Blvd.
Babylon Ave. at Gadsan Ave.
Rosser Blvd. at Falmouth St.
Daemon St. at Gadsan Ave.
Gainsboro Ave. at Falmouth St.
Gager Rd. at Daemon St.
Farmington St. at Gadsan Ave.
4450 Hagaplan St.
Cacao St. at Edinburgh Dr.
Cacao St. at Gadsan Ave.
1452 Falmouth Ave.
1489 Edinburgh Dr.
1490 Gadsan Ave.

Completed!

CULVERT INSTALLATION PROGRAM

Failed Culvert Installations

Section 40
Rock Springs Dr.
Section 10
2099 SE Benedictine Ave.
Section 34
144 SW Milburn Cir.
Section U-15
New York St.
Section 48
Omega Rd.
Section 15
Vendome St.
Section U-8
Darien Rd.

Large Culverts

Milburn Cir.
Hann Dr.

Side Lot Pipe

Fountain Ave.
Bridgeport Dr.
Marion Ave.
Surfside Ave.
Ivanhoe Ct.
Hemsing St.
Pine Valley St.
Hann Dr.

Completed!

CULVERT INSTALLATION PROGRAM

Replaced Street Culvert

CITY OF PORT ST LUCIE
PUBLIC WORKS DEPARTMENT
121 SW PORT ST LUCIE BLVD
BUILDING B, 2ND FLOOR

MAIN NUMBER
871-5100 (T) 871-5289 (F)
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(email) patr@cityofpsl.com
Acting Assistant City Engineer: James Angstadt, P.E.
(email) jangstadt@cityofpsl.com