



# **CAPITAL PROJECT SCHEDULE**






**Revised  
January 19, 2017**

# Master Capital Project Schedule

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January 19, 2017  
Update

Fiscal Quarters	
Q1	= October - December
Q2	= January - March
Q3	= April - June
Q4	= July - September

Phase Legend	
	Land Acquisition Phase
	Design/Permitting Phase
	Bid & Construction Phase
	Schedule Adjustment
	Project Complete

Department Legend	
BS	= Business Services
CS	= Community Services
DAB	= Daytona Beach Intl Airport
OC	= Ocean Center
PP	= Public Protection
PW	= Public Works
SO	= Sheriff's Office

MASTER  
CAPITAL PROJECT SCHEDULE  
SORTED BY PROJECT NUMBER (

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**MASTER**  
**CAPITAL PROJECT SCHEDULE**  
**SORTED BY PROJECT NUMBER (PID)**

Legend				Land Acquisition				Design/Permitting				Bid & Construction				Schedule Adjustment				Complete										
PID	Project Name	District	Construction Funding Approved by Council				FY 15/16				FY 16/17				FY 17/18				FY 18/19				FY 19/20				FY 20/21			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
PW-ENG-5239	Howland Blvd - Courtland Blvd to SR415	5																												
PW-ENG-5240	Howland Blvd - Providence Blvd to Elkcam Blvd	5																												
PW-ENG-5351-1	Veteran's Memorial Bridge	2																												
PW-ENG-5395	Orange Camp Rd - MLK Blvd to I-4	1																												
PW-ENG-5541-2	Spring to Spring Trail - Grand Ave - Lemon to King	1																												
PW-ENG-5617	Plymouth Ave Sidewalk - 15A to Citrus Grove School	1																												
PW-ENG-5634	Turnbull Bay Bridge Replacement	3																												
PW-ENG-5684	Doyle Rd Shoulders - Courtland to SR415	5																												
PW-ENG-5688	ECRR Trail - Brevard Cty Line to Cow Creek	3																												
PW-ENG-5689-2	ECRR Trail - Gobblers Lodge to Maytown Spur	3																												
PW-ENG-5712	Park Avenue 3-Lane Widening - Old Mission Rd to Massey Ranch Rd	3																												
PW-ENG-5744	Doyle Rd Shoulders - Providence to Saxon	5																												
PW-ENG-5768	Adeline Ave Sidewalk-Park Ave to University High	1																												
PW-ENG-5779	Beresford Rd Extension - Blue Lake Ave to Kepler Rd	1																												
PW-RB-1	Public Works Service Center																													
PW-SW-2	Tomoka Farms Southwest Facility - Operations Center Building	3																												
PW-TE-1	Pioneer Trail & Airport Rd - New Mast Arm Signal	3																												
PW-TE-3	Graves Ave & Kentucky Ave - New 4 Pole Design	1																												
PW-TE-4	Strickland Range Rd & Clyde Morris Blvd - New Mast Arms	2																												
PW-TE-5	Blue Lake Ave & Taylor Rd - New Signal	1																												
PW-TE-6	Plymouth Ave & Amelia Ave - New 4 Pole Design	1																												
PW-WRU-1	SWR Advanced Wastewater Treatment	1																												
PW-WRU-2	Normandy Blvd Reclaimed Water Extension	5																												
PW-WRU-3	Deep Creek Aquifer Performance Test Wells	5																												
Sheriff's Office																														
SO-5715	New Sheriff's Evidence Storage Building & Forensics Lab	4																												

**\*New Projects are in Bold**

## **BS-CES-1**

<b>Site:</b>	New Court/ Central Services Warehouse - Indian Lake Road, adjacent to Facilities Services.
<b>Acquisition:</b>	Possible location currently owned by Volusia County (see map on next page). Site evaluation for feasibility will be performed by consultant.
<b>Project Scope:</b>	Construct new building and related improvements at another property. Warehouse to provide secure storage of documents, materials, supplies and equipment. Includes integrated security system, building automation and climate control for court records.
<b>Design Timeline:</b>	Start: 1 <sup>st</sup> Qtr. – FY 16/17 Finish: 2 <sup>nd</sup> Qtr. – FY 17/18
<b>Project Cost:</b>	\$ 3,400,000
<b>Funding Sources:</b>	\$ 3,400,000 Court/Central Services Warehouse (368-930-4190-6200)
<b>Council Actions:</b>	10 year capital improvement plan approved by council 3 <sup>rd</sup> Qtr FY 14/15
<b>Construction Timeline:</b>	Start: 3 <sup>rd</sup> Qtr. – FY 17/18 Finish: 4 <sup>th</sup> Qtr. – FY 18/19
<b>Project Status:</b>	10 year capital improvement plan approved by council 3 <sup>rd</sup> Qtr FY 14/15 Solicitation Request for consultant submitted 11/16/16 RSQ closes 1/26/17

Possible location of New Court Records/ Central Services Warehouse  
(See Map on Next Page)

**BS-CES-1 (Continued)**



## **BS-CES-2**

**Site:** New Elections Warehouse

**Acquisition:** Site TBD

**Acquisition Timeline:** Start: 1<sup>st</sup> Qtr. - FY 16/17  
Finish: 4<sup>th</sup> Qtr. - FY 16/17

**Project Scope:** New building on new site to include warehouse space, staff work areas, shipping/ loading area, improved security, safety, energy efficiency and related site improvements.

**Design Timeline:** Start: 1<sup>st</sup> Qtr. - FY 17/18  
Finish: 4<sup>th</sup> Qtr. - FY 17/18

**Project Cost:** \$ 5,900,000

**Funding Sources:** \$ 5,900,000 Elections Warehouse (367-930-4180)

**Council Actions:** 10 year capital improvement plan approved by council 3<sup>rd</sup> Qtr FY 14/15

**Construction Timeline:** Start: 1<sup>st</sup> Qtr. - FY 18/19  
Finish: 1<sup>st</sup> Qtr. - FY 19/20

**Project Status:** 10 year capital improvement plan approved by council 3<sup>rd</sup> Qtr. FY 14/15  
Investigating site locations with discussions involving the Supervisor of Elections and management.

Demand exceeds building capacity at exist elections warehouse



## CS-PRC-1

**Site:** Lemon Bluff Park

**Acquisition:** March 13, 2013, (ECHO Funds)

**Project Scope:** Restore seawall and dockage  
Canoe/kayak launch  
Fishing area  
Restrooms  
Pavilions (2)  
Paved parking  
Sidewalks

**Design Timeline:** Start: 3<sup>rd</sup> Qtr. – FY 15/16  
Finish: 3<sup>rd</sup> Qtr. – FY 16/17

**Project Cost:**

\$ 150,000	Design
<u>\$ 800,000</u>	<u>Construction</u>
\$ 950,000	Total

**Funding Sources:**

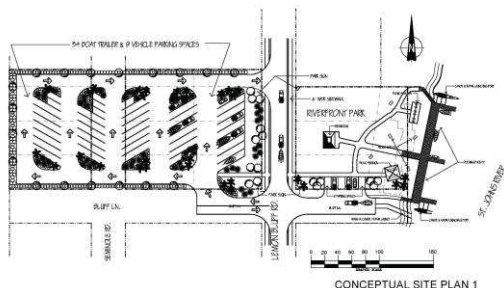
\$ 400,000	2016 Council ECHO grant award
<u>\$ 550,000</u>	<u>Funded from FBIP</u>
\$ 950,000	Total

**Council Actions:**

1. Purchase Approval:	December 20, 2012
2. Contract Task Asmt – DMC:	March 17, 2016
3. ECHO Grant Approval:	May 19, 2016

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. – FY 16/17  
Finish: 4<sup>th</sup> Qtr. – FY 17/18

**Project Status:** Design 30% complete  
County's Site Plan Review Process – 3<sup>rd</sup> Qtr. FY 16/17  
Set up public meeting – 2<sup>nd</sup> Qtr. FY 17  
Construction bid solicited: 4<sup>th</sup> Qtr. FY 16/17



## **CS-PRC-2**

**Site:** Shell Harbor Park

**Acquisition:** December 2013

**Project Scope:** Boat ramp and floating dock  
Kayak launch  
Restroom  
Pavilion  
Boardwalk  
Paved parking (15 boat trailer; 16 vehicular)

**Design Timeline:** Start: 3<sup>rd</sup> Qtr. – FY 15/16  
Finish: 2<sup>nd</sup> Qtr. – FY 16/17

<b>Project Cost:</b>	\$ 135,000	Design
	<u>\$1,059,500</u>	<u>Construction</u>
	\$1,194,500	Total

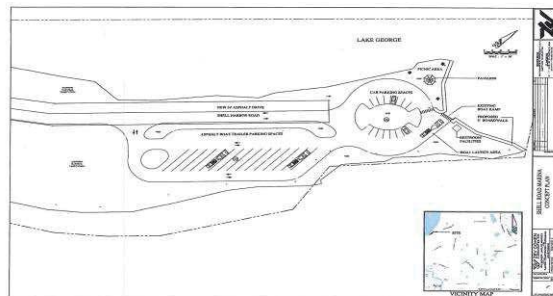
<b>Funding Sources:</b>	\$ 67,500	FIND (Design)
	<b>\$ 117,889</b>	<b>FIND (Construction grant)</b>
	\$ 400,000	ECHO 2016 grant award
	<b>\$ 79,361</b>	<b>FBIP</b>
	<u>\$ 529,750</u>	<u>Park Impact Fees (Zone 4)</u>
	\$1,194,500	Total

**Council Actions:**

1. Donation Approval:	December 2013
2. FIND Grant Approvals:	March 19, 2015 and March 17, 2016
3. ECHO Grant Approval:	May 19, 2016

**Construction Timeline:** Start: 3<sup>rd</sup> Qtr. – FY 16/17  
Finish: 4<sup>th</sup> Qtr. – FY 17/18

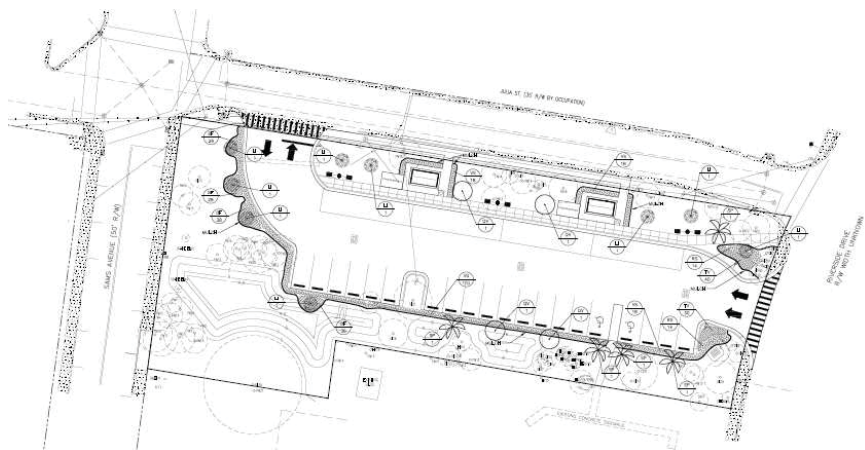
**Project Status:** Design 90% complete  
FDEP & ACOE permits obtained September 2016  
Awaiting exemption for dredging  
Construction bid solicited: 3<sup>rd</sup> Qtr. FY 16/17  
County's Site Plan Review Process – 1<sup>st</sup> and 2<sup>nd</sup> Qtr. FY 16/17



## **CS-VOT-1**

<b>Site:</b>	Votran: Julia Street Super Stop Intermodal Transfer Facility - Julia Street, New Smyrna Beach		
<b>Acquisition:</b>	Existing County Property		
<b>Project Scope:</b>	New Votran intermodal transfer facility. Facility to be ADA compliant. Site features to include ADA shelters, bike racks, site lighting, landscape and ADA sidewalk connections.		
<b>Design Timeline:</b>	Start: 4 <sup>th</sup> Qtr. – FY 13/14 Finish: 2 <sup>nd</sup> Qtr. - FY 15/16		
<b>Project Cost:</b>	\$ 319,273		
<b>Funding Sources:</b>	\$ 319,273	FTA Grant	
<b>Council Actions:</b>	\$ 319,273	Construction Contract approved by council 4/7/16	
<b>Construction Timeline:</b>	Start: 3 <sup>rd</sup> Qtr. - FY 15/16 Finish: 4 <sup>th</sup> Qtr. - FY 15/16		
<b>Project Status:</b>	Complete as of September 6, 2016		

Votran: Julia Street Super Stop Intermodal Transfer Facility site plan view



**DAB – AF/FAC-01**

Site:	DAB/Airside – Fire Station No. 17, 2316 Bellevue Ave., Daytona Beach Construct Airfield Rescue and Firefighting Facility (ARFF)		
Acquisition:	N/A		
Project Scope:	13,786 sf. facility with 4-high bay vehicle bays; sleeping quarters, restroom/showers, training, storage, dispatch offices, civil improvements, landscaping, emergency generator and security boundary fencing.		
Design Timeline:	Start: 06/14/2012 Finish: Completed		
Project Cost:	\$ 490,757	Design	
	\$6,190,053	Construction	
	<u>\$ 293,333</u>	Other	
	\$6,974,143	Total	
Funding Sources:	\$ 5,900,000	FAA AIP Grant	AIP071
	\$ 327,778	FDOT Grant	FM431543
	<u>\$ 746,365</u>	Local Share	
	\$6,974,143	Total	
Council Actions:	(1) Grant acceptance and approval of local match		10/07/10
	(2) Request for additional funding		01/19/12
	(3) TA approval for A/E Design/Bidding Services		06/14/12
	(4) Request for additional funding		10/18/12
	(5) Grant funding and local match approval		04/04/13
	(6) Request for additional funding		06/19/14
	(7) Request for additional funding		07/17/14
	(8) Request for additional funding		06/04/15
	(9) Request for additional funding		07/02/15
	(10) TA for design temp ARFF & Bay Doors		03/17/16
	(11) TA for A&E services		03/17/16
	(12) Construction Contract Approval		01/01/16
Construction Timeline:	Start:	3 <sup>rd</sup> Qtr. – FY 15/16	
	Finish:	4 <sup>th</sup> Qtr. – FY 16/17	
Project Status:	Under construction – NTP issued 6/16/16 Civil infrastructure 90% complete Building foundation and structural walls 80% complete Estimated final completion 8/11/17		
Project Adjustment:	Construction schedule adjustment is due to Hurricane Matthew		

**DAB – AF/FAC-01 ARFF Project (Continued)**



Existing ARFF. Constructed facility constructed in 1978 does not meet current design and FAA criteria



Illustration of new ARFF when completed in FY 16/17



Project Site Location

## DAB – AF/FAC - 02

**Site:** DAB/Airside - Relocate Automotive Fuel Farm Facility

**Acquisition:** N/A

**Project Scope:** Fueling facility consisting of two (2) 2,000-gallon above-ground fuel storage tanks, with integral fueling "self-serve" dispensing system capability at a new airport fuel site location. Site civil and underground utilities, concrete curbing and slab and pavements, above ground fuel storage and fueling dispensing system.

**Design Timeline:** Start: 7/9/2014  
Finish: Completed

**Project Cost:**

\$ 15,790	Design
<u>\$ 262,414</u>	<u>Construction</u>
<u>\$ 278,204</u>	<u>Total</u>

**Funding Sources:**

\$ 129,080	FDOT Grant	FM436052
<u>\$ 149,124</u>	<u>Local Funding</u>	

**Council Actions:**

(1) Grant acceptance and approval of local match	04/17/14
(2) Request for additional funding	11/06/14
(3) Request for additional funding	02/18/16
(4) Request for additional funding	03/03/16
(5) Construction Contract approval	03/03/16

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. – FY 15/16  
Finish: 2<sup>nd</sup> Qtr. – FY 16/17

**Project Status:** Project Complete – 1/9/17



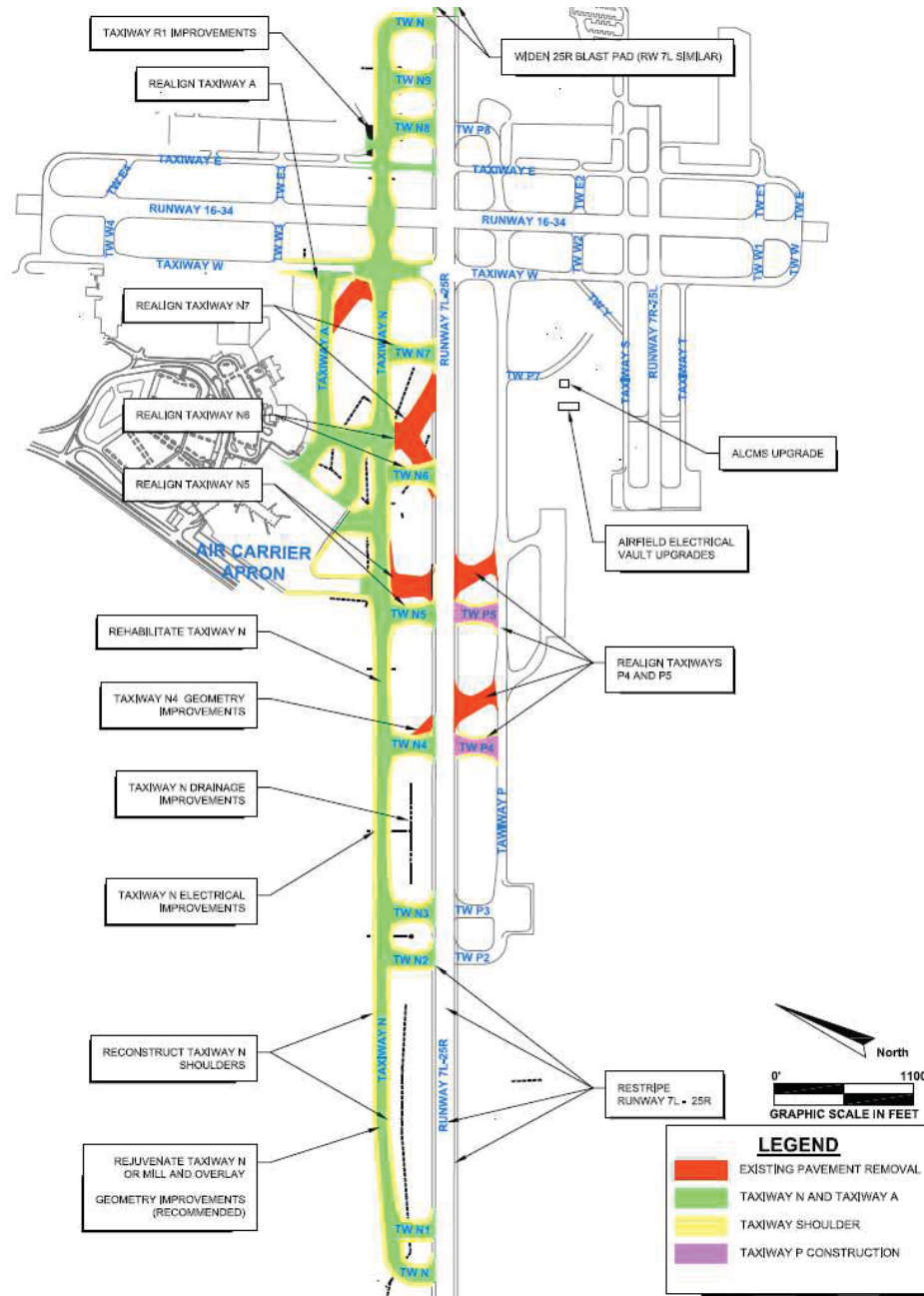
**DAB – AF/PAV-01**

<b>Site:</b>	DAB/Airside - Taxiway November Rehabilitation		
<b>Acquisition:</b>	N/A		
<b>Project Scope:</b>	Rehabilitation of taxiway areas and shoulders; modification of taxiway geometries and remediation of known incursion locations, new LED edge lighting, lighting controls; storm-water culvert repairs with replacement of existing subgrade drainage structures.		
<b>Design Timeline:</b>	Start: 1 <sup>st</sup> Qtr. – FY 16/17 Finish: 4 <sup>th</sup> Qtr. – FY 16/17		
<b>Project Cost:</b>	\$ 2,138,121 Design \$ 27,500,000 Construction \$ 29,638,121 Total		
<b>Funding Sources:</b>	Design: \$1,924,308 FAA AIP Grant funding AIP 074 \$ 102,934 FDOT Grant funding FM 431539 \$ 110,879 Local funding  Construction: \$ 24,750,000 FAA AIP Grant funding AIP (TBD) \$ 1,375,000 FDOT Grant funding FM (TBD) \$ 1,375,000 Local funding  *It is anticipated that construction of this project will be funded and executed in three (3) phases. The estimated cost for each phase is \$9,166,666 per phase which aligns to planned AIP funding allocation from FY'18 through FY'20.		
<b>Council Actions:</b>	(1) Grant acceptance and approval of local match 04/04/13 (2) Partial Cost approval 07/17/14 (3) Request for additional funding 06/04/15 (4) Budget Resolution Renewal 11/17/16 (5) TA for A&E services approval 12/15/16		
<b>Construction Timeline:</b>	Start: 2 <sup>nd</sup> Qtr. – FY 17/18 Finish: 1 <sup>st</sup> Qtr. – FY 20/21		
<b>Project Status:</b>	In Design Phase		
<b>Project Adjustment:</b>	Design schedule adjustment due to available funds and grant receipt. Construction schedule adjustment due to refined estimate.		

## DAB – AF/PAV-01 (Continued)

Site:

Taxiway November Rehabilitation – Construction Area Graphic



\*(Illustrative of possible new taxiway layout. Actual layout to be determined in design phase)

## DAB – AF/PAV-02

**Site:** DAB/Airside - Taxiway Sierra Extension

**Acquisition:** N/A

**Project Scope:** Extend taxiway Sierra 650 ft. eastward to new ERAU Research Park West site; 26,000 sq. ft. ACC pavement; Taxiway edge lighting, civil/drainage landscaping; pavement markings and directional signage

**Design Timeline:** Start: 3<sup>rd</sup> Qtr. – FY 15/16  
Finish: 2<sup>nd</sup> Qtr. – FY 16/17

**Project Cost:** \$ 155,970 Design  
\$ 651,770 Construction  
\$ 807,740 Total

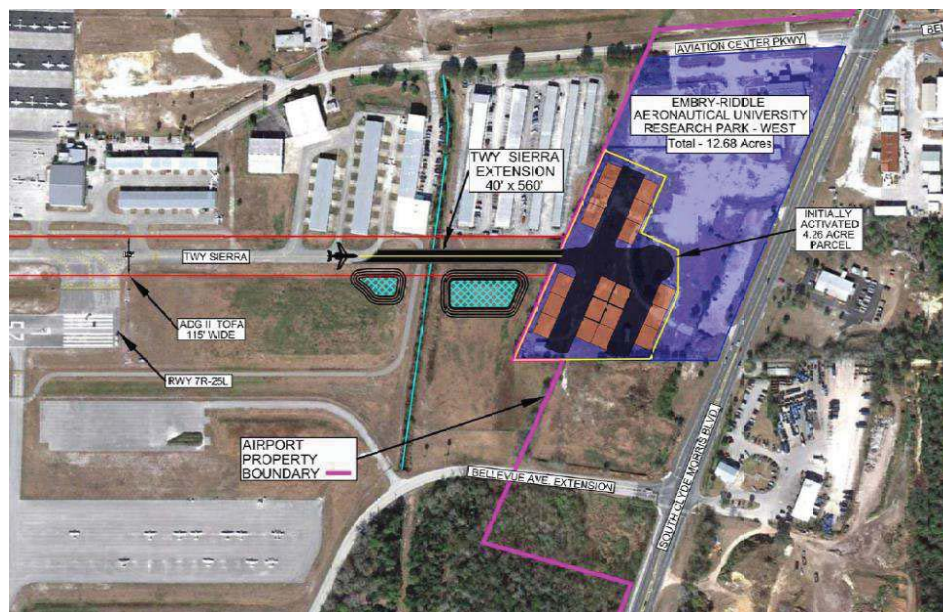
**Funding Sources:** \$ 400,000 FDOT Grant FM438412  
\$ 407,740 Local Funding (ERAU)

**Council Actions:** (1). Grant acceptance and approval of local match 06/04/15  
(2). TA for A&E services and Partnership agreement 06/02/16  
(3). Request for additional funding 11/14/16

**Construction Timeline:** Start: 3<sup>rd</sup> Qtr. – FY 16/17  
Finish: 4<sup>th</sup> Qtr. – FY 16/17

**Project Status:** In Bid Process

**Project Adjustment:** Design schedule adjustment due to review period. Construction schedule adjustment due to refined estimate.



**DAB – TER-01**

**Site:** DAB/Terminal - Roof and Canopy Rehabilitation (Phase 4)

**Acquisition:** N/A

**Project Scope:** Installation of new single-ply roofing over Terminal entrance canopy; fascia repairs, surface preparation and painting of underside canopy structural steel decking

**Design Timeline:** Start: 07/18/14  
Finish: Completed

**Project Cost:**

\$	39,916	Design
\$	<u>435,441</u>	<u>Construction</u>
\$	475,357	Total

**Funding Sources:**

\$	118,839	FDOT Grant funding	FM431538
\$	118,839	Local funding	
\$	118,839	FDOT Supplemental request	
\$	<u>118,840</u>	<u>Local funding</u>	
\$	475,357	Total	

**Council Actions:**

(1) Grant acceptance and approval of local match	04/17/14
(2) Request for additional funding	11/06/14
(3) Request for additional funding	12/17/15

**Construction Timeline:** Start: 1<sup>st</sup> Qtr. - FY 16/17  
Finish: 4<sup>th</sup> Qtr. - FY 16/17

**Project Status:** In Bid Process - Estimated NTP March 2017  
FDOT Grant supplemental funding approved

**Project Adjustment:** Construction schedule adjustment due to available funding and grant supplement receipt.



## **DAB – TER-02**

**Site:** DAB/Terminal - AHU Replacement

**Acquisition:** N/A

**Project Scope:** Replacement of the airports 22 air handler units (AHU) located in the terminal, air-side concourse, and UCF business incubator and all associated controls, piping and lagging.

**Design Timeline:** Start: 08/27/14  
Finish: Completed

**Project Cost:**

\$ 113,100	Design
<u>\$ 1,885,212</u>	<u>Construction</u>
\$ 1,998,312	Total

**Funding Sources:**

\$ 800,000	FDOT Grant	FM433516
\$ 800,000	Local Funding	
\$ 199,156	FDOT supplement request (Pending Bid)	
<u>\$ 199,156</u>	<u>Local Funding</u>	
\$ 1,998,312	Total	

**Council Actions:**

(1) Grant acceptance and approval of local match	04/17/14
(2) Request for additional funding	11/06/14
(3) Task Assignment for A/E Design Services	08/07/14
(4) Request for additional funding	03/03/16
(5) Selection of Contractor to provide CM/GC services	08/18/16
(6) Award contractor for GM/GC services, Part A	10/20/16

**Construction Timeline:** Start: 1<sup>st</sup> Qtr. - FY 16/17  
Finish: 4<sup>th</sup> Qtr. - FY 16/17

**Project Status:** In Bid Process  
Estimated NTP April 2017

**Project Adjustment:** Construction schedule adjustment due to CM input, available funding and grant supplement receipt.

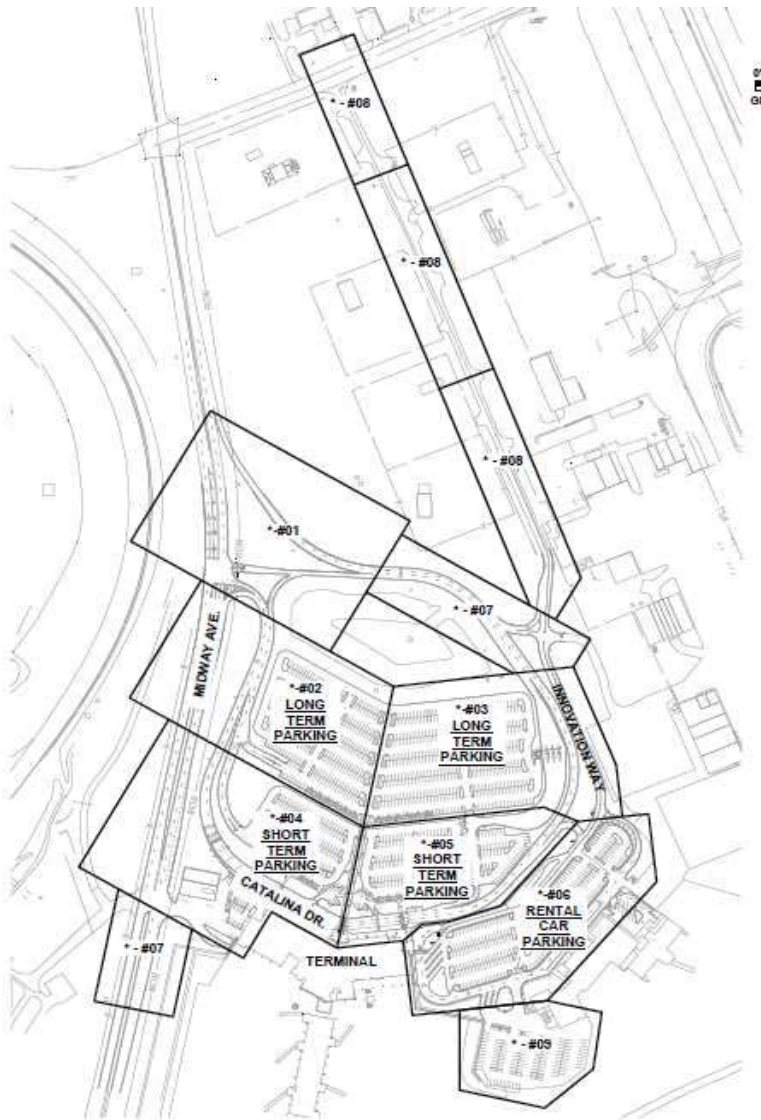


**DAB – TER-03**

<b>Site:</b>	DAB/Terminal - Parking Lot Improvements		
<b>Acquisition:</b>	N/A		
<b>Project Scope:</b>	Milling and overlay of parking and vehicular access pavements; new exterior parking lot LED lighting fixtures with automatic lighting controls; Way-finding directional signage rehabilitation; and new ticketing canopy structures.		
<b>Design Timeline:</b>	Start: 7/31/14 Finish: 3 <sup>rd</sup> Qtr. - FY 16/17		
<b>Project Cost:</b>	\$ 198,232 Design <u>\$ 4,666,779 Construction (Est.)</u> \$ 4,865,011 Total		
<b>Funding Sources:</b>	\$ 1,525,000 FDOT Grant FM436051 \$ 1,525,000 Local Funding  \$ 907,505 FDOT supplement request (FY 17/18) (Pending Bid) <u>\$ 907,505 Local Funding (FY 17/18)</u> \$ 4,865,011 Total		
<b>Council Actions:</b>	(1) Grant acceptance and approval of local match 04/17/14 (2) A/E Design Services task authorization (TA) 07/17/14 (3) Request for additional funding approved 11/06/14 (4) Request for additional funding approved 06/04/15 (5) Request for additional funding approved 12/17/15		
<b>Construction Timeline:</b>	Start: 4 <sup>th</sup> Qtr. – FY 16/17 (Paving Project package only) Finish: 3 <sup>rd</sup> Qtr. – FY 19/20 (All project packages)		
<b>Project Status:</b>	In Design Phase		
<b>Project Adjustment:</b>	Design and construction schedule adjustment as the Airport awaits direction from FDOT on CCNA procurement confirmation.		

**DAB – TER-03 (Continued)**

**Site: DAB/Terminal - Parking Lot Improvements**



Plan view of parking lot and roadway pavement areas



Project entails updating and replacement of the Airports overhead and ground mounted way-finding signage

**DAB – TER-07**

<b>Site:</b>	DAB/Terminal – Terminal Renovations	
<b>Acquisition:</b>	N/A	
<b>Project Scope:</b>	Renovations to Terminal to improve and enhance the passenger experience and convenience.	
<b>Design Timeline:</b>	Start: 4 <sup>th</sup> Qtr. - FY 15/16 Finish: 3 <sup>rd</sup> Qtr. - FY 16/17	
<b>Project Cost:</b>	\$12,000,000	
<b>Funding Sources:</b>	To be financed with commercial loan	
<b>Council Actions:</b>	(1) Approval of Design Agent (Architect of Record) (2) Contract Award for Construction Management	07/21/16 11/17/16
<b>Construction Timeline:</b>	Start: 4 <sup>th</sup> Qtr. - FY 16/17 Finish: 3 <sup>rd</sup> Qtr. - FY 18/19	
<b>Project Status:</b>	Project Programming and Scope definition with EOR in progress. CoV in review of A/E fee proposal	

**OC-318-1**

Site:	Ocean Center – AHU Air Handler Replacement		
Acquisition:	N/A		
Project Scope:	Replace 9 air handler units, 8 exhaust fans, and integrate their new controls into the building automation system. Project also includes some misc. duct modifications.		
Project Cost:	\$5,100,000		
Funding Sources:	\$5,100,000 318 Ocean Center Capital Fund		
Council Actions:	(1) Selection of Contractor to provide CM/GC services	08/18/16	
	(2) Award contractor for GM/GC services, Part A	10/20/16	
Construction Timeline:	Start: 1 <sup>st</sup> Qtr. - FY 16/17		
	Finish: 3 <sup>rd</sup> Qtr. - FY 17/18		
Project Status:	Design is complete Construction Manager has been selected Contractor Pre-Qualifications are complete Bids are currently being solicited by CM Additional funding has been secured		

**OC-318-2**

<b>Site:</b>	Ocean Center – Main Marquee Replacement
<b>Acquisition:</b>	N/A
<b>Project Scope:</b>	Replace the existing marquee on the east side of Ocean Center property in its entirety.
<b>Design Timeline:</b>	Start: 3 <sup>rd</sup> Qtr. - FY 15/16 Finish: 1 <sup>st</sup> Qtr. - FY 16/17
<b>Project Cost:</b>	\$ 8,690 Design FY 15/16 <u>\$ 450,000 Construction FY 16/17</u> \$ 458,690 Total
<b>Funding Sources:</b>	\$458,690 318 Ocean Center Capital Fund
<b>Council Actions:</b>	Approved FY 15/16 CIP Budget Approved FY 16/17 CIP Budget
<b>Construction Timeline:</b>	Start: 3 <sup>rd</sup> Qtr. - FY 16/17 Finish: 1 <sup>st</sup> Qtr. - FY 17/18
<b>Project Status:</b>	Schematic design has been completed Currently in review/approval process with the City of Daytona Beach City is requiring public meetings be held prior to their approval. Construction timeline has been adjusted accordingly.

**OC-318-8**

<b>Site:</b>	Ocean Center – Roof Repair
<b>Acquisition:</b>	N/A
<b>Project Scope:</b>	Refurbish metal barrel roofs on old section of building
<b>Design Timeline:</b>	Start: 4 <sup>th</sup> Qtr. - FY 15/16 Finish: 1 <sup>st</sup> Qtr. - FY 16/17
<b>Project Cost:</b>	\$ 34,970 Engineering <u>\$ 515,030 Construction</u> \$ 550,000 Total
<b>Funding Sources:</b>	\$550,000 318 Ocean Center Capital Fund
<b>Council Actions:</b>	Approved FY 15/16 CIP Budget Approved FY 16/17 CIP Budget Will be reviewed by Council in FY 17/18 budget
<b>Construction Timeline:</b>	Start: 1 <sup>st</sup> Qtr. - FY 17/18 Finish: 4 <sup>th</sup> Qtr. - FY 17/18
<b>Project Status:</b>	Design is complete Awaiting final funding approval of FY 17/18 budget.

## **PP-DOC-4**

**Site:** Volusia County Branch Jail – Phase 1 Roof Replacement Project  
1300 Red John Drive, Daytona Beach

**Acquisition:** The Volusia County Branch Jail (VCBJ) was built in 1986

**Project Scope:** Roof Replacement Project –Phase 1: The original roof of this 30-year old building has reached its useful life span. The roof was patched in 2008-2009, but has continued to deteriorate to the point that water intrusion is encountered with increasing frequency.

**Design Timeline:** Start: 1<sup>st</sup> Qtr. – FY 15/16  
Finish: 3<sup>rd</sup> Qtr. – FY 15/16

**Project Cost:** \$ 1,756,143 General Fund

**Funding Sources:** \$ 1,706,143 General Fund  
\$ 50,000 Contingency funded from deferred CIP  
\$ 1,756,143 Total

**Council Actions:** 1. Council Approval Requested: October 1, 2015  
2. Construction Award: September 8, 2016

**Construction Timeline:** Start: 1<sup>st</sup> Qtr. – FY 16/17  
Finish: 4<sup>th</sup> Qtr. – FY 16/17

**Project Status:** Design for Phase I – 100% complete  
Bid # 16-B-124IF, Phase 1 Roof Replacement VCBJ.  
Award Vendor - Atlantic Roofing.  
December 12, 2016, First Phase of Roof Replacement Project commences.



**PP-DOC-5**

**Site:** Volusia County Branch Jail – Phase 2 Roof Replacement Project  
1300 Red John Drive, Daytona Beach

**Acquisition:** The Volusia County Branch Jail (VCBJ) was built in 1986

**Project Scope:** Roof Replacement Project –Phase 2

**Design Timeline:** Start: 1<sup>st</sup> Qtr. – FY 16/17  
Finish: 3<sup>rd</sup> Qtr. – FY 16/17

**Project Cost:** \$ 75,000 Design  
\$ 1,500,000 Construction  
\$ 1,575,000 Total

**Funding Sources:** \$ 1,575,000 General Fund

**Council Actions:** 1. Council Approval of Design TA: September 8, 2016

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. – FY 16/17  
Finish: 2<sup>nd</sup> Qtr. – FY 17/18

**Project Status:** Under Design



## **PP-FR -1**

<b>Site:</b>	Fire Station 36 –Osteen; 180 N. State Road 415
<b>Acquisition:</b>	Fire Station 36 was built in 1988
<b>Project Scope:</b>	Renovations to improve safety, ADA accessibility and energy efficiency. Work areas include - apparatus bays, gear room, decon room, bunk rooms, kitchen and related site improvements.
<b>Design Timeline:</b>	Start: 3 <sup>rd</sup> Qtr. – FY 15/16 Finish: 4 <sup>th</sup> Qtr. – FY 16/17
<b>Project Cost:</b>	\$ 925,000
<b>Funding Sources:</b>	\$295,000 from Fire Impact Fee Zone III <u>\$630,000 from Fire Rescue Fund</u> \$925,000 total budgeted for Fire Station 36 renovation project
<b>Council Actions:</b>	1. Project included in adopted budget approved by council: September 10, 2015 2. Contract task assignment for architectural and engineering services: April 7, 2016
<b>Construction Timeline:</b>	Start: 1 <sup>st</sup> Qtr. – FY 17/18 Finish: 3 <sup>rd</sup> Qtr. – FY 17/18
<b>Project Status:</b>	Architect's schematic design documents received. Schedule adjustment for County review of site utilization, scope and value engineering.



**PW-COS-1**

**Site:** Hiles Off-beach Parking Lot –New Smyrna Beach

**Acquisition:** December 2014

**Project Scope:** Restroom, shower, bike rack facility  
Perimeter landscaping  
Additional handicapped parking spaces  
Overflow lot parking capacity – approx. 75 spaces  
W and N boundary fencing

**Design Timeline:** Start: 1<sup>st</sup> Qtr. – FY 15/16  
Finish: 2<sup>nd</sup> Qtr. – FY 16/17

**Project Cost:** \$ 671,371 (includes design cost)

<b>Funding Sources:</b>	\$ 302,925	2015 Council ECHO grant award
	<u>\$ 368,446</u>	<u>Funded from Beach Capital</u>
	\$ 671,371	Total

**Council Actions:**

1. Purchase Approval:	December 18, 2014
2. ECHO Grant Approval:	May 21, 2015

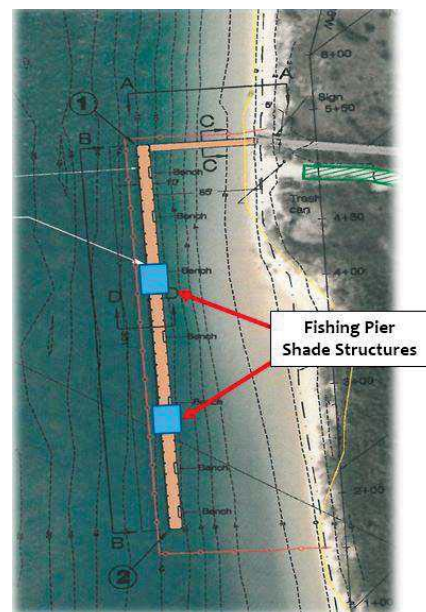
**Construction Timeline:** Start: 3<sup>rd</sup> Qtr. – FY 16/17  
Finish: 2<sup>nd</sup> Qtr. – FY 17/18

**Project Status:** Design 90% complete  
Variance approved – PLDRC April 12, 2016  
County dev order received – May 31, 2016  
NOTE: Pending NSB Utilities Commission development agreement approval



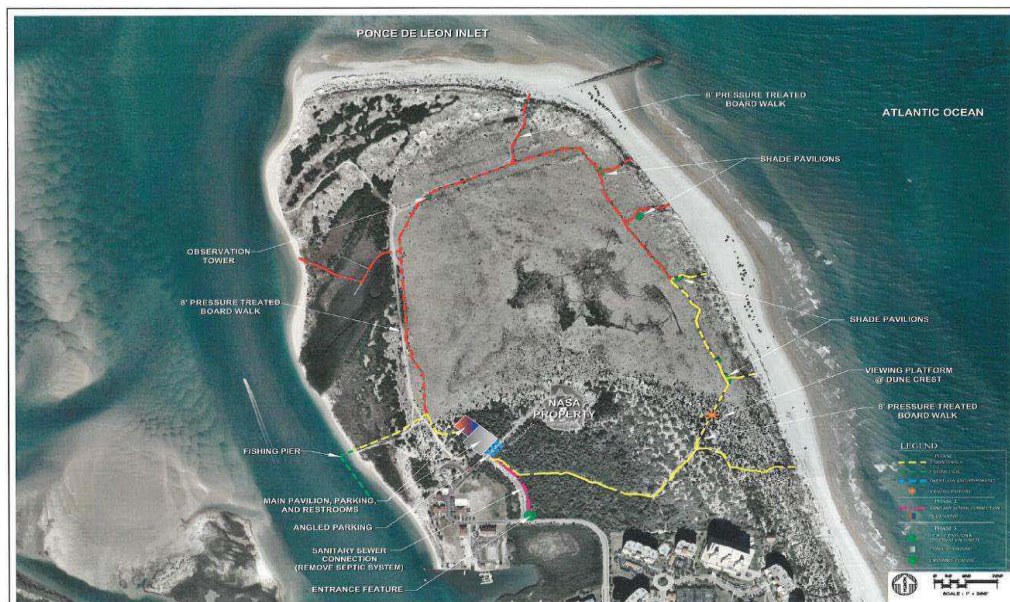
## **PW-COS-2**

Site:	Smyrna Dunes Park Fishing Pier												
Acquisition:	N/A												
Project Scope:	350' long pier, 10' wide, composite decking and handrail cap ADA access ramp and handrails												
Design Timeline:	Start: 1 <sup>st</sup> Qtr. – FY 15/16 Finish: 3 <sup>rd</sup> Qtr. – FY 15/16												
Project Cost:	\$ 627,082												
Funding Sources:	<table><tr><td>\$ 119,475</td><td>Florida Inland Navigation District (FIND) Grant</td></tr><tr><td><u>\$ 507,607</u></td><td><u>Inlet District</u></td></tr><tr><td><u>\$ 627,082</u></td><td><u>Total</u></td></tr></table>			\$ 119,475	Florida Inland Navigation District (FIND) Grant	<u>\$ 507,607</u>	<u>Inlet District</u>	<u>\$ 627,082</u>	<u>Total</u>				
\$ 119,475	Florida Inland Navigation District (FIND) Grant												
<u>\$ 507,607</u>	<u>Inlet District</u>												
<u>\$ 627,082</u>	<u>Total</u>												
Council Actions:	<table><tr><td>1. BLM Lease Approval:</td><td>March 19, 2015</td></tr><tr><td>2. FIND Grant Approval:</td><td>December 3, 2015</td></tr><tr><td>3. Council Re-design Directive:</td><td>December 3, 2015</td></tr><tr><td>4. Council financing approval:</td><td>April 21, 2016</td></tr><tr><td>5. Construction Contract Approval</td><td>September 8, 2016</td></tr></table>			1. BLM Lease Approval:	March 19, 2015	2. FIND Grant Approval:	December 3, 2015	3. Council Re-design Directive:	December 3, 2015	4. Council financing approval:	April 21, 2016	5. Construction Contract Approval	September 8, 2016
1. BLM Lease Approval:	March 19, 2015												
2. FIND Grant Approval:	December 3, 2015												
3. Council Re-design Directive:	December 3, 2015												
4. Council financing approval:	April 21, 2016												
5. Construction Contract Approval	September 8, 2016												
Construction Timeline:	Start: 4 <sup>th</sup> Qtr. – FY 15/16 Finish: 4 <sup>th</sup> Qtr. – FY 16/17												
Project Status:	<table><tr><td>Construction bid solicited:</td><td>June 2016</td></tr><tr><td>Council Approved:</td><td>September 8, 2016</td></tr><tr><td>Phase 1 Notice to Proceed</td><td>November 14, 2016</td></tr></table>			Construction bid solicited:	June 2016	Council Approved:	September 8, 2016	Phase 1 Notice to Proceed	November 14, 2016				
Construction bid solicited:	June 2016												
Council Approved:	September 8, 2016												
Phase 1 Notice to Proceed	November 14, 2016												



### **PW-COS-3**

<b>Site:</b>	Smyrna Dunes Boardwalk	
<b>Acquisition:</b>	1984	
<b>Project Scope:</b>	Boardwalk renovation and widening (5' to 8' for improved access) Expanded parking, restroom facility upgrade (septic tank to sanitary sewer) Improved ADA access to ocean, fishing pier and dog-friendly shoreline	
<b>Conceptual Design Timeline:</b>	Start: 1 <sup>st</sup> Qtr. – FY 15/16 Finish: 3 <sup>rd</sup> Qtr. – FY 15/16	
<b>Project Cost:</b>	\$ 4,981,879 (includes design cost)	
<b>Funding Sources:</b>	\$ 800,000 ECHO Grants \$ 4,181,879 Funded from Inlet District \$ 4,981,879 Total	
<b>Council Actions:</b>	1. BLM Lease Approval: March 19, 2015 2. ECHO Grant #1 Approval: May 21, 2015 3. ECHO Grant #2 Approval: May 19, 2016 4. Council financing approval: April 21, 2016	
<b>Construction Timeline:</b>	Start: 4 <sup>th</sup> Qtr. – FY 15/16 Finish: 4 <sup>th</sup> Qtr. – FY 17/18	
<b>Project Status:</b>	RFP solicitation: August 2016 RFP solicitation closed: November 3, 2016 Recommendation of Award: December 15, 2016	



## **PW-COS-4**

**Site:** University Off-beach Parking Lot – Daytona Beach

**Acquisition:** May 2015

**Project Scope:** 100 parking spaces, ADA beach access ramp, showers, bike racks  
15' wide stamped concrete beachfront boardwalk  
Landscaping

**Design Timeline:** Start: 1<sup>st</sup> Qtr. – FY 15/16  
Finish: 3<sup>rd</sup> Qtr. – FY 15/16

**Project Cost:** \$ 951,350 (includes design cost)

**Funding Sources:**

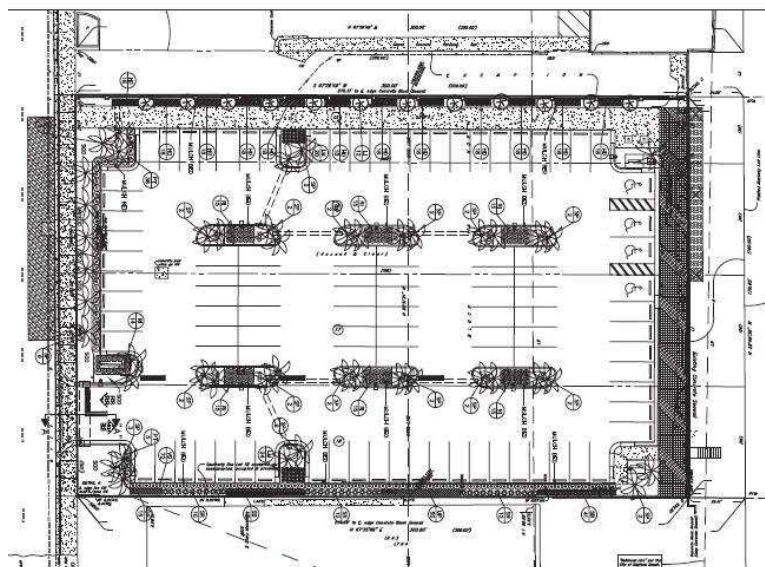
\$ 325,000	General Fund
\$ 500,000	Inlet District
<u>\$ 126,350</u>	<u>Beach Capital</u>
\$ 951,350	Total

**Council Actions:**

1. Purchase Approval:	May 7, 2015
2. Design Task Approval:	September 10, 2015
3. Const. Funding Approved:	June 2, 2016
4. Construction Contract Approved:	September 8, 2016

**Construction Timeline:** Start: 1<sup>st</sup> Qtr. – FY 16/17  
Finish: 3<sup>rd</sup> Qtr. – FY 16/17  
**Must be completed by May 7, 2017**

**Project Status:** Design 100% complete  
CCCL Permit Approved: October 17, 2016  
Construction bid closes: July 29, 2016  
Anticipated Agenda Date: September 8, 2016  
Construction Notice to Proceed: November 1, 2016



## **PW-COS-5**

**Site:** Volusia County Off-beach Parking – 1255 Oceanshore Blvd., Ormond-by-the-Sea

**Acquisition:** September 2014

**Project Scope:** 44 angle parking spaces, shower, landscaping, ADA beach access ramp, seawall repair, landscaping.

**Design Timeline:** Start: 1<sup>st</sup> Qtr. – FY 15/16  
Finish: 3<sup>rd</sup> Qtr. – FY 16/17

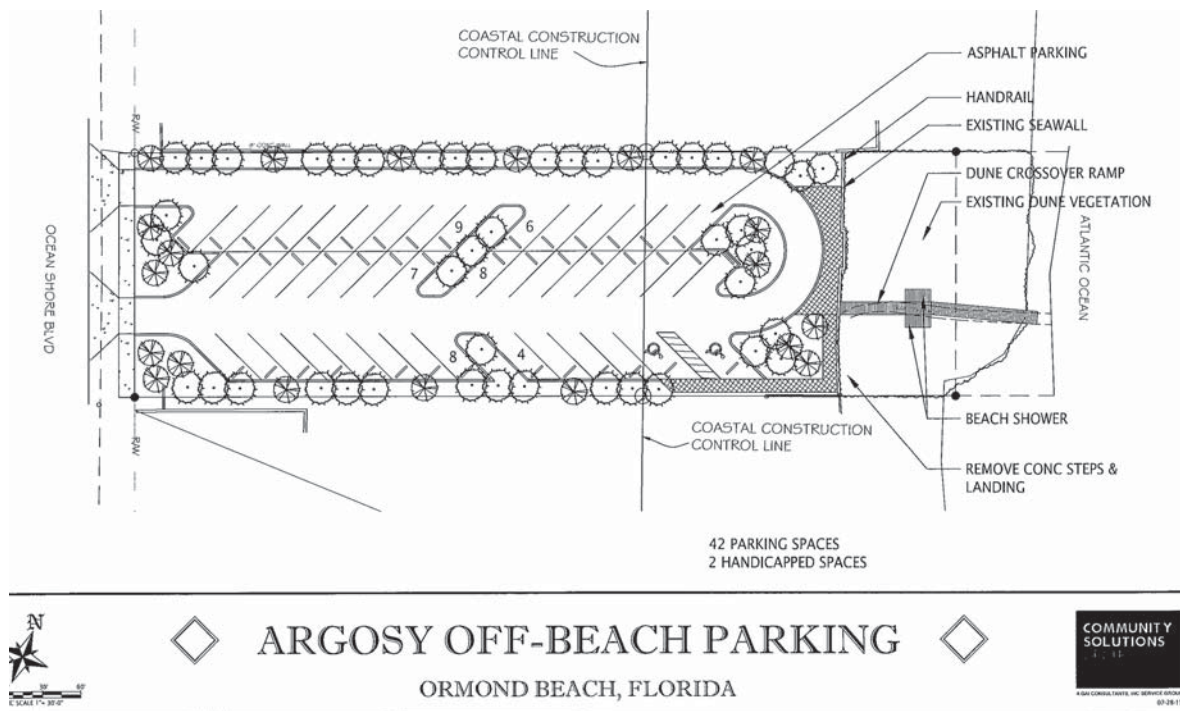
**Project Cost:** \$ 575,000 (includes design)

**Funding Sources:** \$ 575,000      Funded from Beach Capital

**Council Actions:** Const. Funding Approved:      October 1, 2016

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. – FY 16/17  
Finish: 3<sup>rd</sup> Qtr. – FY 17/18

**Project Status:** Design 30% complete  
SJRWMD Stormwater Permitting Under Review  
CCCL Permit Application Submitted June 2016



**PW-COS-6**

**Site:** Volusia County Off-beach Parking – 726 N. Atlantic Ave., Daytona Beach

**Acquisition:** July 2015  
December 2015 - County Occupancy

**Project Scope:** 70 parking spaces, ADA beach access ramp, showers, bike racks  
15' wide stamped concrete beachfront boardwalk, landscaping.

**Design Timeline:** Start: 2<sup>nd</sup> Qtr. – FY 15/16  
Finish: 3<sup>rd</sup> Qtr. – FY 16/17

**Project Cost:** \$ 1,000,000 (Includes Demo and Design)

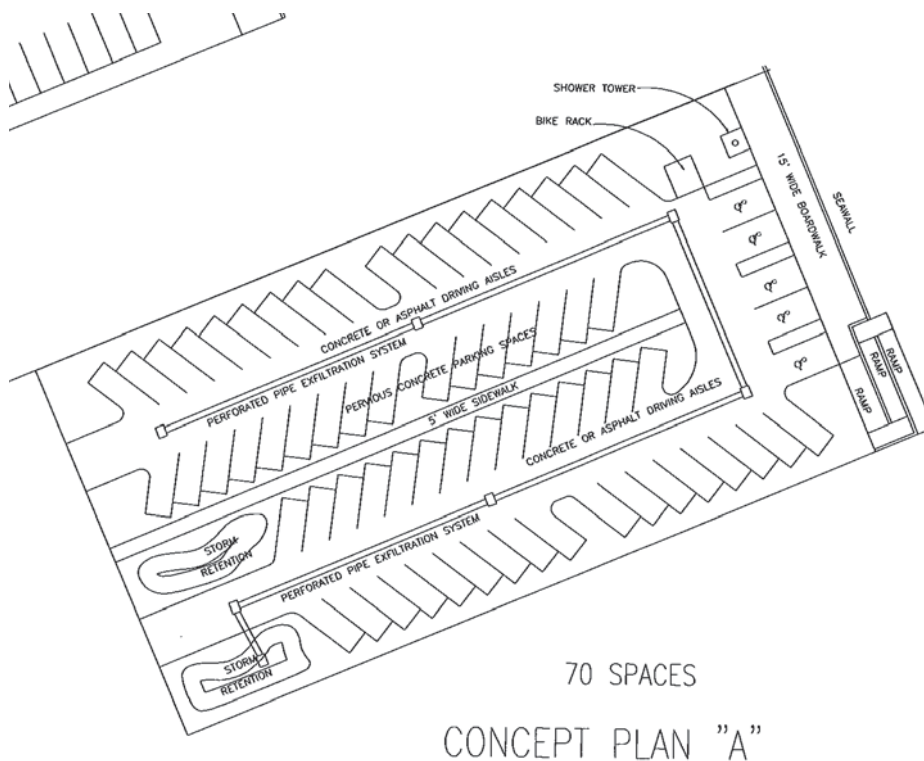
**Funding Sources:** \$ 1,000,000 Funded from Beach Capital

**Council Actions:**

1. Purchase Approval: May 7, 2015
2. Const. Funding Approved: October 1, 2016
3. Demo Contract Awarded: November 17, 2016

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. – FY 16/17  
Finish: 3<sup>rd</sup> Qtr. – FY 17/18

**Project Status:** Design 60% complete  
**NOTE:** Demolition start - December 2016



<b>FINLEY ENGINEERING GROUP</b>
<b>726 NO. ATLANTIC BEACH PARKING LOT</b>
PROJECT NUMBER F804 1522
JERRY K. FINLEY, P.E. P.E. # 29909
SHEET TITLE CONCEPTUAL PLAN
SHEET <b>1</b>

**PW-ENG-1180**

**Site:** LPGA Blvd widening - Jimmy Ann Drive to Derbyshire Road in Daytona Beach/Holly Hill

**Acquisition:** Complete

**Project Scope:** 2-lane to 4-lane widening  
Including Daytona Beach and Holly Hill utility improvements

**Design Timeline:** Completed

**Project Cost:** \$ 3,944,280

<b>Funding Sources:</b>	\$ 751,949	TRIP Grant
	\$ 212,788	CIGP Grant
	\$2,209,495	Local Option Gas Tax
	\$ 166,950	City of Holly Hill
	<u>\$ 603,098</u>	<u>City Daytona Beach</u>
	\$3,944,280	Total

<b>Council Actions:</b>	TRIP/CIGP Grant	February 20, 2014
	JPA w/ Holly Hill	September 24, 2015
	JPA w/ Daytona Beach	September 24, 2015
	Construction Award	May 5, 2016

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. - FY 15/16  
Finish: 4<sup>th</sup> Qtr. - FY 16/17

**Project Status:** Under Construction



**PW-ENG-4740-3**

**Site:** Williamson Blvd extension - Airport Road to Pioneer Trail in Port Orange

**Acquisition:** Completed

**Project Scope:** Construct new 4-lanes and widen short section of existing road

**Design Timeline:** Completed

**Project Cost:** \$15,800,000

<b>Funding Sources:</b>	\$5,500,000	TRIP grant - FDOT
	\$9,800,000	Local Option Gas Tax
	\$ 500,000	City of Port Orange (Mitigation Credits)
	<hr/>	
	\$15,800,000	Total

<b>Council Actions:</b>	Agreement with PCDD	May 18, 2006
	Amended & restated agreement w/ PCDD	February 9, 2012
	TRIP grant	April 16, 2015
	Amendment to Agreement	August 20, 2015

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. - FY 14/15  
Finish: 1<sup>st</sup> Qtr. - FY 16/17

**Project Status:** Completed – Road open to traffic; landscaping to be installed later



**PW-ENG-4992**

**Site:** S. Atlantic Ave Sidewalk & Drainage Improvements - Major St. to Marcelle Av. in Wilbur by the Sea

**Acquisition:** Completed

**Project Scope:** Construct 6' – 8' sidewalk, stormwater exfiltration system, curbing, inlets, cross drains, paving 4 existing shell roadside parking lots city utility improvements. Includes paving of drive aisles at Toronita Parking lot.

**Design Timeline:** Completed

**Project Cost:** \$2,880,446

<b>Funding Sources:</b>	\$1,040,135	ECHO Grant
	\$ 285,608	Local Option Gas Tax
	\$ 400,000	Stormwater
	\$ 258,425	Beach
	\$ 203,125	General Fund - Capital
	\$ 693,153	City of Port Orange
	<hr/>	
	\$2,880,446	Total

**Council Actions:** Construction Award August 6, 2015  
Construction change order-Toronita Parking Lot paving April 21, 2016

**Construction Timeline:** Start: 1<sup>st</sup> Qtr. - FY 15/16  
Finish: 1<sup>st</sup> Qtr. - FY 16/17

**Project Status:** Completed



**PW-ENG-5061**

**Site:** Tenth Street Widening - Myrtle Ave to US 1 in New Smyrna Beach and Edgewater

**Acquisition:** ROW acquired

**Project Scope:** 2-lane to 4-lane widening including major box culvert(s) under FEC railroad and railroad crossing signalization

**Design Timeline:** Finish: 2<sup>nd</sup> Qtr. - FY 16/17

<b>Project Cost:</b>	\$1,232,288	Acquisition
	\$ 384,167	Design
	<u>\$8,100,000</u>	Construction
	\$9,716,455	Total

<b>Funding Sources:</b>	\$ 3,950,000	Local Option Gas Tax
	\$ 2,800,000	CBIR Grant – State grant
	<u>\$ 2,966,455</u>	Bond Funding
	\$ 9,716,455	Total

<b>Council Actions:</b>	CBIR state grant	Budget resolution expired –will need new budget resolution to award contract
	Design awarded	March 18, 2010
	Amended design award	April 7, 2011
	Task Assignment Amendment	September 10, 2015

**Construction Timeline:** Start: 3<sup>rd</sup> Qtr. - FY 16/17  
Finish: 1<sup>st</sup> Qtr. - FY 18/19

**Project Status:** Design 95% complete  
SWERP issued/ACOE issued

**Project Adjustment:** Review of tri-party agreement with FEC & City of New Smyrna Beach is taking longer than expected



**PW-ENG-5239**

**Site:** Howland Blvd widening - Courtland Blvd to SR415 in Deltona

**Acquisition:** Completed

**Project Scope:** 2-lane to 4-lane widening including stormwater and city utility improvements

**Design Timeline:** Completed

**Project Cost:**

\$ 517,952	Acquisition
\$ 1,131,698	Design
<u>\$ 11,246,699</u>	<u>Construction</u>
\$ 12,896,349	Total

**Funding Sources:**

\$ 4,869,873	TRIP grant - FDOT
\$ 3,225,835	Bond Funding
\$ 1,644,039	In-Kind
<u>\$ 3,156,602</u>	<u>City of Deltona</u>
\$ 12,896,349	Total

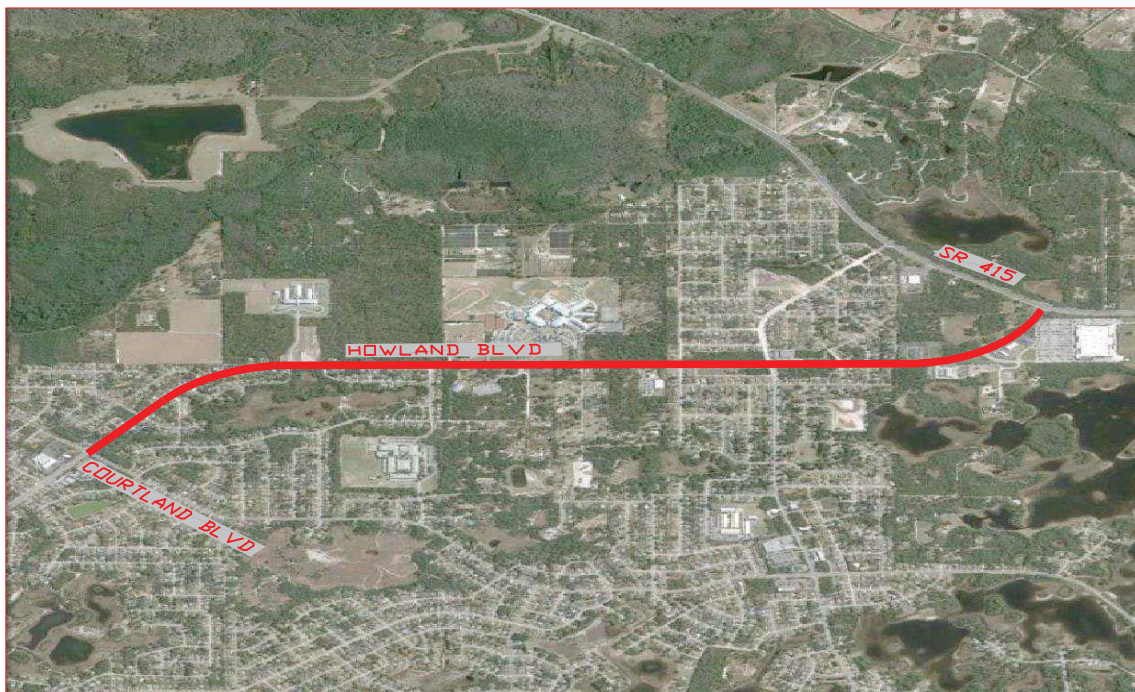
**Council Actions:**

State funding approval	April 18, 2013
JPA w/ Deltona	October 10, 2013
Construction award	November 6, 2014
Construction CO – City Utility	July 2, 2015
Construction CO – City Utility	November 3, 2016

**Construction Timeline:**

Start:	2 <sup>nd</sup> Qtr. - FY 14/15
Finish:	1 <sup>st</sup> Qtr. - FY 16/17

**Project Status:** Complete



**PW-ENG-5240**

**Site:** Howland Blvd Widening – Providence Blvd to Elkcum Blvd in Deltona

**Acquisition:** Need ROW for storm ponds

**Project Scope:** 2 lane to 4 lane widening

**Design Timeline:** Start: 2<sup>nd</sup> Qtr. - FY 16/17  
Finish: 3<sup>rd</sup> Qtr. - FY 17/18

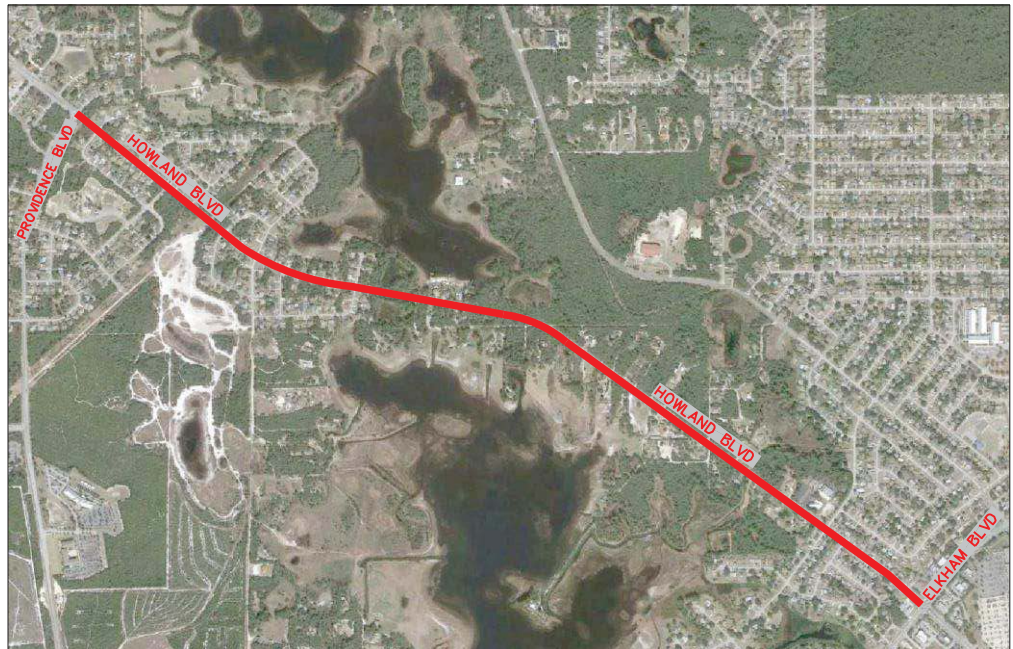
<b>Project Cost:</b>	\$ 2,500,000	Acquisition
	\$ 750,000	Design
	<u>\$10,850,000</u>	<u>Construction</u>
	\$14,100,000	Total

<b>Funding Sources:</b>	\$ 5,200,000	Bond Funding
	<u>\$ 8,900,000</u>	<u>Local Option Gas Tax</u>
	\$14,100,000	Total

**Council Actions:**

**Est. Construction Timeline:** Start: 1<sup>st</sup> Qtr. - FY 18/19  
Finish: 1<sup>st</sup> Qtr. - FY 20/21

**Project Status:** RSQ for design has been advertised



**PW-ENG-5351-1**

**Site:** Veterans Memorial Bridge - Bridge replacement in Daytona Beach

**Acquisition:** Completed

**Project Scope:** Replace existing bascule bridge with 2-lane concrete arch bridge with 8' sidewalks & fishing pier

**Design Timeline:** Completed

**Project Cost:**

\$ 3,100,000	Design
\$ 43,141,020	Construction
\$ 46,241,020	Total

**Funding Sources:** \$46,241,020 LAP Grant - FDOT

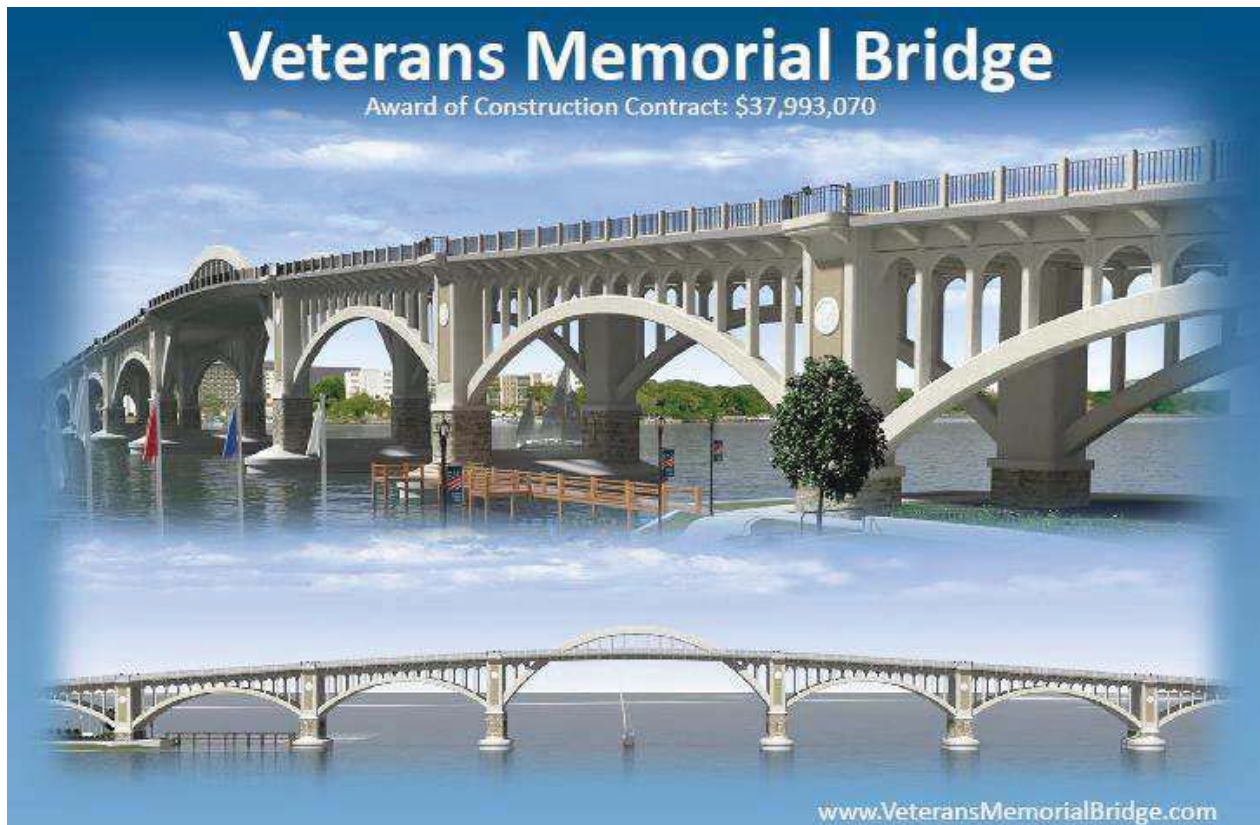
**Council Actions:**

LAP Grant - Design	May 19, 2011
LAP Grant – Construction	May 7, 2016
Construction award	February 18, 2016
LAP Grant – Construction Amended	June 16, 2016

**Construction Timeline:**

Start:	3 <sup>rd</sup> Qtr. - FY 15/16
Finish:	1 <sup>st</sup> Qtr. - FY 18/19

**Project Status:** Under Construction



**PW-ENG-5395**

**Site:** Orange Camp Road Widening- Martin Luther King Blvd to I-4 in DeLand

**Acquisition:** ROW expected donation

**Project Scope:** 2-lane to 4-lanes

**Design Timeline:** Start: 2<sup>nd</sup> Qtr. - FY 16/17  
Finish: 1<sup>st</sup> Qtr. - FY 17/18

**Project Cost:**

\$ 800,000	Design
<u>\$ 10,332,000</u>	<u>Construction</u>
\$ 11,132,000	Total

**Funding Sources:**

\$ 3,365,000	Impact Fees
\$ 2,100,000	Local Option Gas Tax
<u>\$ 5,667,000</u>	<u>Bond Funding</u>
\$ 11,132,000	TOTAL

**Council Actions:**

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. - FY 17/18  
Finish: 2<sup>nd</sup> Qtr. - FY 19/20

**Project Status:** RSQ for design has been advertised



**PW-ENG-5541-2**

**Site:** Spring to Spring (7B) Trail – Grand Ave, Lemon St. to King St in Glenwood

**Acquisition:** None

**Project Scope:** Add 5' wide bike lanes and 5' wide sidewalks to each side of road and resurface

**Design Timeline:** Completed

**Project Cost:** \$2,166,000

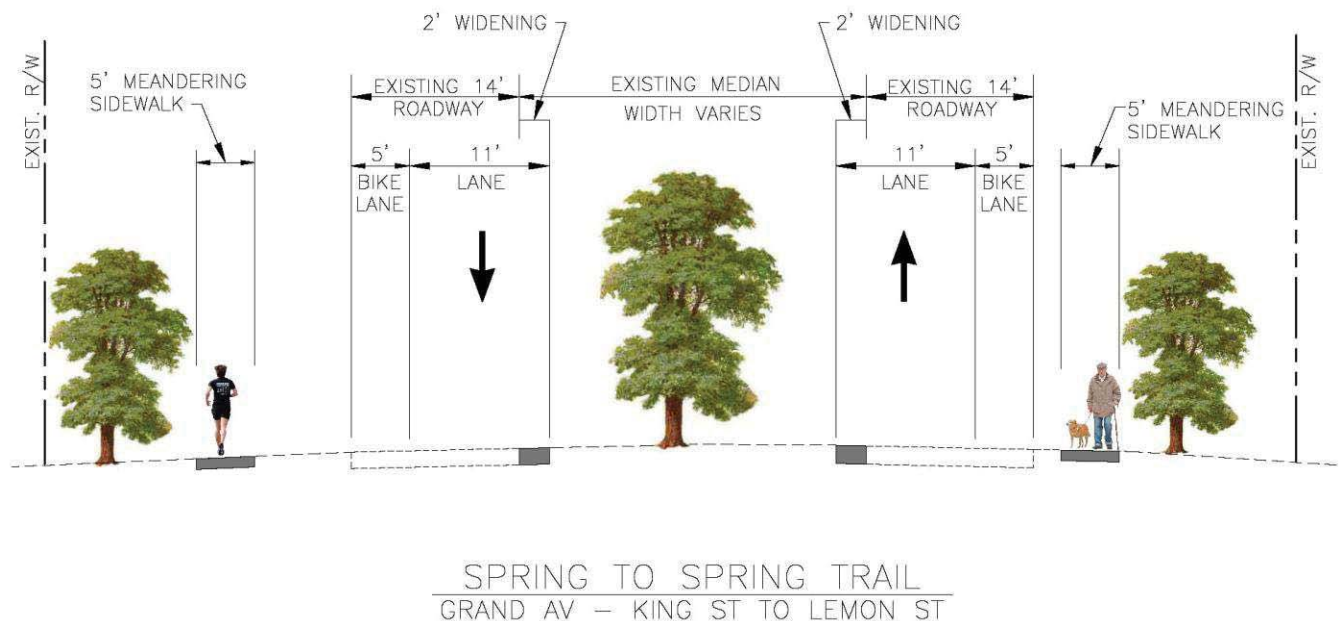
**Funding Sources:**

\$1,543,000	Trail Fund
\$ 623,000	Local Option Gas Tax
\$ 2,166,000	Total

**Council Actions:**

**Construction Timeline:** Start: 2<sup>nd</sup> Qtr. - FY 16/17  
Finish: 1<sup>st</sup> Qtr. - FY 17/18

**Project Status:** Advertised for construction



**PW-ENG-5617**

**Site:** Plymouth Ave Sidewalk from 15A to Citrus Grove Elementary School in DeLand

**Acquisition:** 5 parcels acquired

**Project Scope:** Construct 5' wide concrete sidewalk

**Design Timeline:** Completed

**Project Cost:** \$ 49,000

**Funding Sources:** \$ 49,000 Local Option Gas Tax

**Council Actions:** County-wide Sidewalks approval September 24, 2015

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. - FY 15/16  
Finish: 1<sup>st</sup> Qtr. - FY 16/17

**Project Status:** Complete



**PW-ENG-5634**

**Site:** Turnbull Bay Road Bridge Replacement over Turnbull Bay Tributary in New Smyrna Beach

**Acquisition:** Completed - Additional Right-of-Way was acquired in 2015

**Project Scope:** Replace existing failing 2-lane bridge with 2-lane bridge with shoulders

**Design Timeline:** Completed

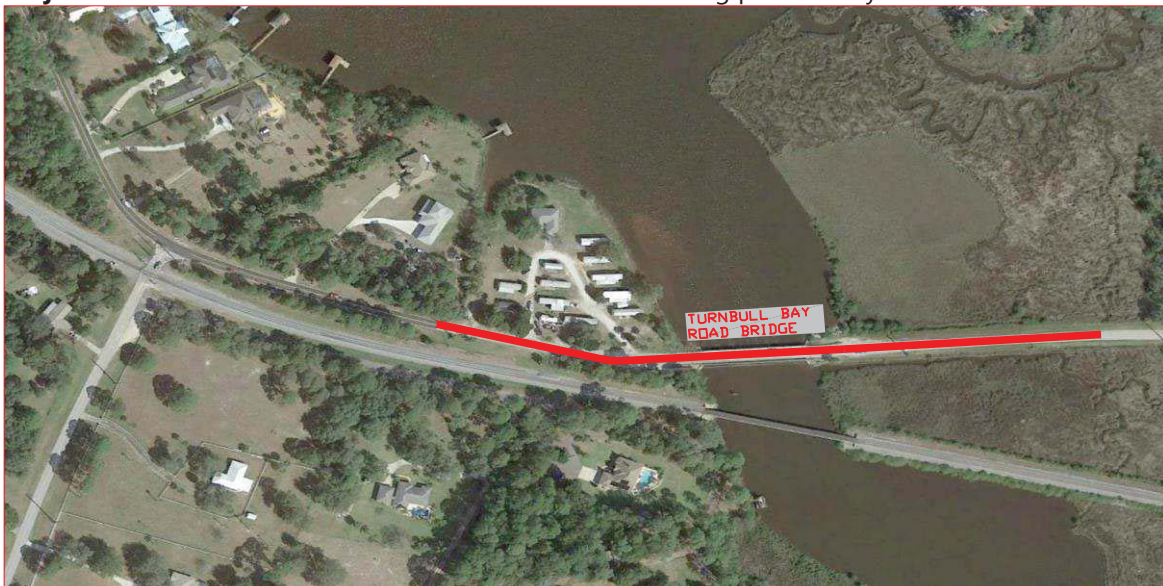
<b>Project Cost:</b>	\$ 467,000	Acquisition
	\$ 583,951	Design
	<u>\$ 8,885,404</u>	<u>Construction</u>
	\$ 9,936,355	Total

<b>Funding Sources:</b>	\$ 737,554	Local Option Gas Tax
	<u>\$ 9,198,801</u>	<u>LAP Grant - FDOT</u>
	\$ 9,936,355	Total

<b>Council Actions:</b>	LAP Grant - Design	September 8, 2011
	LAP Grant – ROW Acquisition	September 22, 2011
	Additional Funds Letter Request	September 8, 2016
	LAP Grant – Design Supplemental	September 10, 2015
	LAP Grant – Construction	January 7, 2016
	LAP Supplemental Agreement	November 3, 2016
	Construction Award	November 3, 2016

**Construction Timeline:** Start: 1<sup>st</sup> Qtr. - FY 16/17  
Finish: 3<sup>rd</sup> Qtr. - FY 17/18

**Project Status:** Additional LAP Grant funding provided by FDOT and TPO



**PW-ENG-5684**

**Site:** Doyle Rd Paved Shoulders - Courtland to SR415 in Deltona

**Acquisition:** Complete

**Project Scope:** Add 5' wide paved shoulders and resurfacing

**Design Timeline:** Completed

**Project Cost:** \$ 1,322,679

<b>Funding Sources:</b>	\$1,150,155	LAP grant – FDOT
	\$ 172,524	Local Option Gas Tax
	<u>\$1,322,679</u>	<u>Total</u>

<b>Council Actions:</b>	LAP grant	February 19, 2015
	Construction award	July 2, 2015

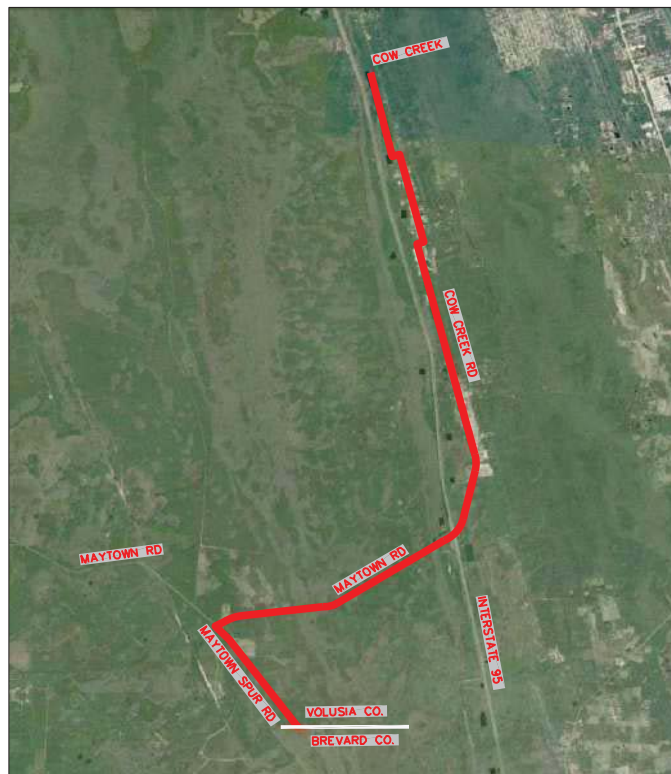
**Construction Timeline:** Start: 2<sup>nd</sup> Qtr. - FY 15/16  
Finish: 4<sup>th</sup> Qtr. - FY 15/16

**Project Status:** Complete



**PW-ENG-5688**

<b>Site:</b>	East Coast Regional Rail Trail (Segment 5) - Brevard County Line to Cow Creek in Edgewater	
<b>Acquisition:</b>	Completed	
<b>Project Scope:</b>	12' multi use trail with pedestrian bridges over water features	
<b>Design Timeline:</b>	Design-Build	
<b>Project Cost:</b>	\$10,455,088	
<b>Funding Sources:</b>	\$ 9,973,170	LAP Grant - FDOT
	\$ 481,918	Trail Funding
	\$10,455,088	Total
<b>Council Actions:</b>	LAP grant agreement	April 2, 2015
	LAP supplemental agreement	August 4, 2016
	Design-Build Contract Award	August 4, 2016
<b>Construction Timeline:</b>	Start: 4 <sup>th</sup> Qtr. - FY 15/16	
	Finish: 3 <sup>rd</sup> Qtr. - FY 17/18	
<b>Project Status:</b>	Design NTP has been issued	



**PW-ENG-5689-2**

**Site:** East Coast Regional Rail Trail (Segment 4B) - Gobbler's Lodge Road to Maytown Spur Road in Osteen

**Acquisition:** Complete

**Project Scope:** 12' wide multiuse trail with pedestrian bridges over water features

**Design Timeline:** Design-Build

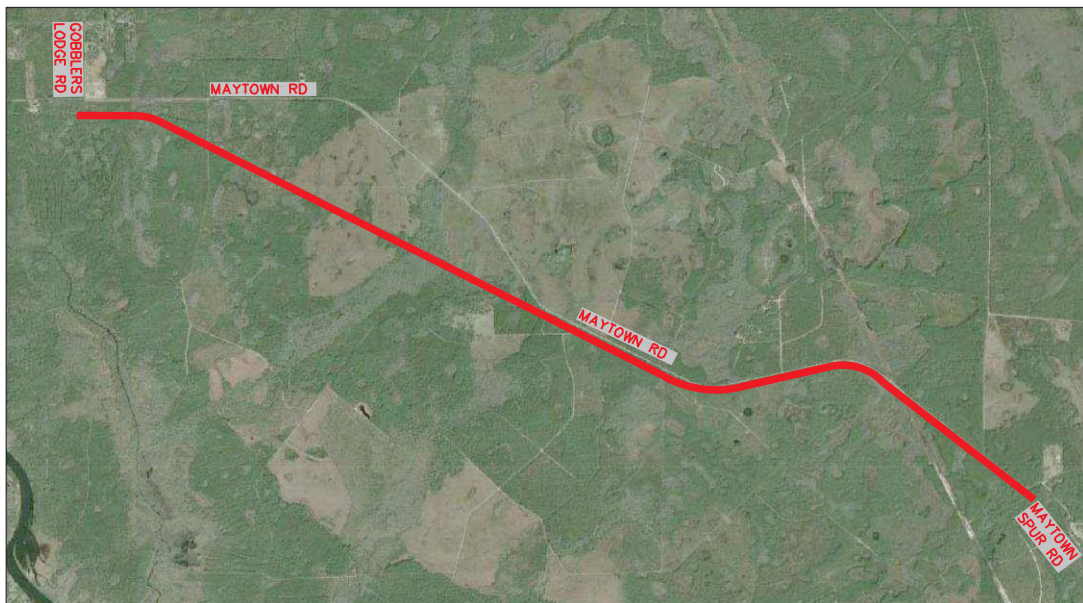
**Project Cost:** \$7,257,584

<b>Funding Sources:</b>	\$7,257,584	LAP Grant - FDOT
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<b>Council Actions:</b>	LAP grant agreement	April 2, 2015
	LAP Supplemental Agreement	August 4, 2016
	Award and Design – Build Contract	August 4, 2016

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. - FY 15/16  
Finish: 3<sup>rd</sup> Qtr. - FY 17/18

**Project Status:** Design NTP has been issued



**PW-ENG-5712**

**Site:** West Park Avenue from Old Mission Road to Massey Ranch Road in Edgewater

**Acquisition:** Additional ROW acquisition for roadway and stormwater to be by donation

**Project Scope:** 2-lane to 3-lane widening with center turn lane including adding 5' paved shoulders and stormwater management

**Design Timeline:** Start: 4<sup>th</sup> Qtr. - FY 15/16  
Finish: 4<sup>th</sup> Qtr. - FY 16/17

**Project Cost:**

\$ 403,317	Design
<u>\$ 2,680,000</u>	Construction
\$ 3,083,317	Total

**Funding Sources:** \$3,083,317 Local Option Gas Tax

**Council Actions:** Design Awarded June 2, 2016

**Construction Timeline:** Start: 2<sup>nd</sup> Qtr. - FY 17/18  
Finish: 2<sup>nd</sup> Qtr. - FY 18/19

**Project Status:** Design started

**Project Adjustment:** Design extended 1 quarter and ROW acquisition reduced from 6 months to 3 months. No change to construction schedule.



**PW-ENG-5744**

**Site:** Doyle Road Paved Shoulders - Providence Blvd. to Saxon Blvd. in Deltona

**Acquisition:** No additional Right-of-Way required

**Project Scope:** Widen lanes to 12' wide, add 5' wide paved shoulders and replace 3 cross culverts

**Design Timeline:** Completed – In-house Design by County Staff

**Project Cost:**

\$ 100,000	Design – In-house County Staff
<u>\$ 1,562,653</u>	<u>Construction</u>
\$ 1,662,653	Total

**Funding Sources:**

\$ 192,753	Local Option Gas Tax
<u>\$ 1,469,900</u>	<u>LAP Grant - FDOT</u>
\$ 1,662,653	Total

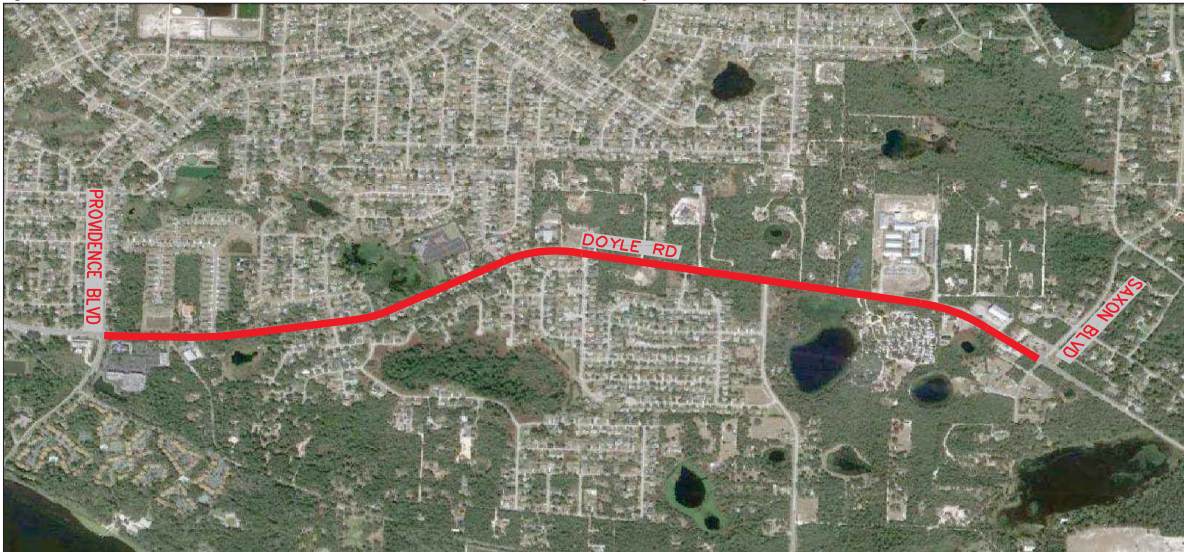
**Council Actions:**

LAP Grant	May 19, 2016
LAP Supplemental Agreement	December 8, 2016
Construction Award	December 8, 2016

**Construction Timeline:**

Start:	4 <sup>th</sup> Qtr. - FY 15/16
Finish:	4 <sup>th</sup> Qtr. - FY 16/17

**Project Status:** Construction is underway



**PW-ENG-5768**

**Site:** Adeline Ave Sidewalk- Park Ave to University High School in Orange City

**Acquisition:** None

**Project Scope:** Construct 5' sidewalk on north side of right-of-way

**Design Timeline:** Completed - In-house Design by County Staff

**Project Cost:** \$49,000

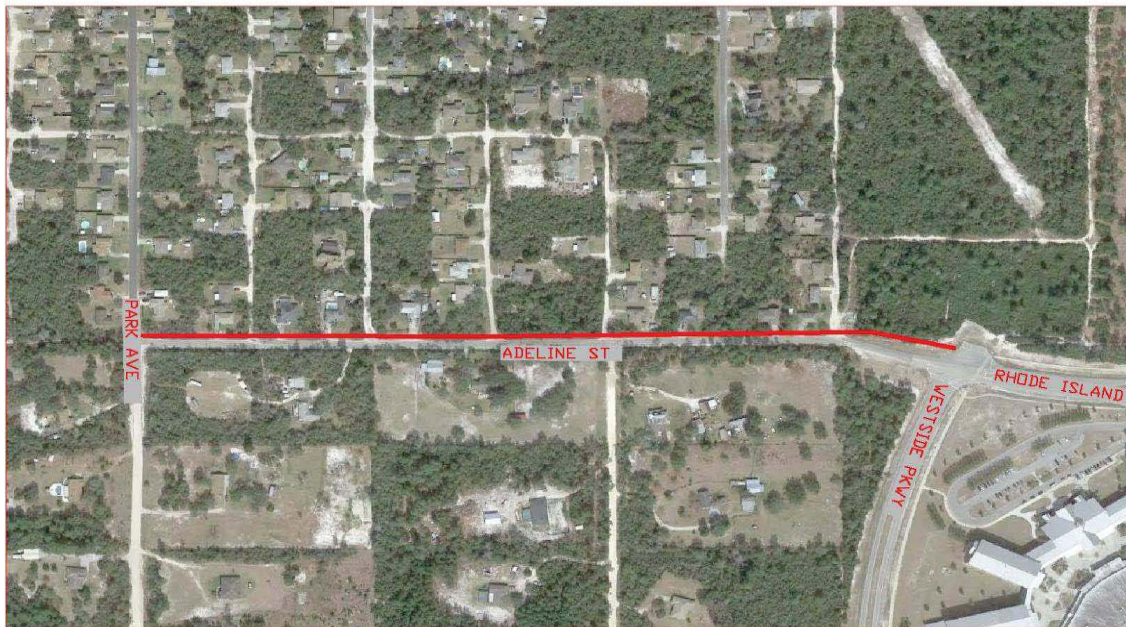
**Funding Sources:** \$49,000 Local Option Gas Tax

**Council Actions:** County-wide sidewalks approval September 24, 2015

**Construction Timeline:** Start: 2<sup>nd</sup> Qtr. - FY 16/17  
Finish: 2<sup>nd</sup> Qtr. - FY 16/17

**Project Status:** Construction to begin pending completion of City of Orange City Water Main installation within Adeline Ave ROW

**Project Adjustment:** Orange City Utility work took longer than expected



**PW-ENG-5779**

**Site:** Beresford Ave Extension - Blue Lake Ave to Kepler Rd in DeLand

**Acquisition:** TBD – City of Deland acquiring

**Project Scope:** Construct a new 2-lane road

**Design Timeline:** Start: 2<sup>nd</sup> Qtr. - FY 16/17  
Finish: 3<sup>rd</sup> Qtr. - FY 17/18

**Project Cost:**

\$ 400,000	Design
\$3,500,000	Construction
\$3,900,000	Total

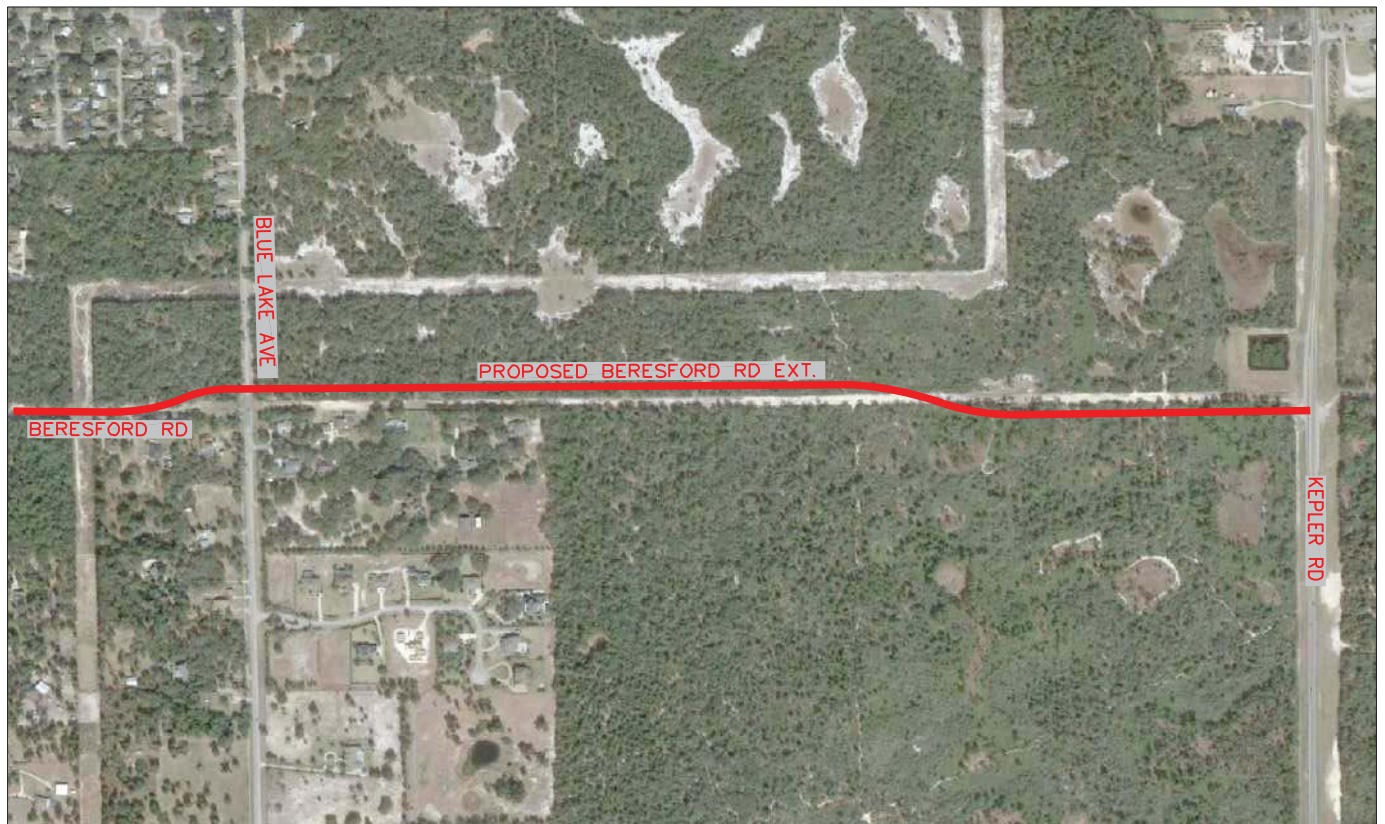
**Funding Sources:** \$3,900,000 Impact Fees

**Council Actions:**

**Construction Timeline:** Start: 4<sup>th</sup> Qtr. - FY 17/18  
Finish: 1<sup>st</sup> Qtr. - FY 19/20

**Project Status:** Planning

**Project Adjustment:** Design phase extended pending agreement by property owners regarding acquisition of ROW.



**PW-RB-1**

**Site:** Public Works Services Center

**Acquisition:** Site TBD

**Acquisition Timeline:** Start: 4<sup>th</sup> Qtr. - FY 15/16 (Phase I – Needs Assessment)  
Finish: 2<sup>nd</sup> Qtr. - FY 16/17 (Phase I – Needs Assessment)

**Project Scope:** Proposed consolidated facility to provide Road & Bridge, Traffic Engineering, Mosquito Control and related county services from a centrally located property.

**Design Timeline:** Start: 3<sup>rd</sup> Qtr. - FY 16/17 (Phase II – Design)  
Finish: 3<sup>rd</sup> Qtr. - FY 17/18 (Phase II – Design)

**Project Cost:** TBD

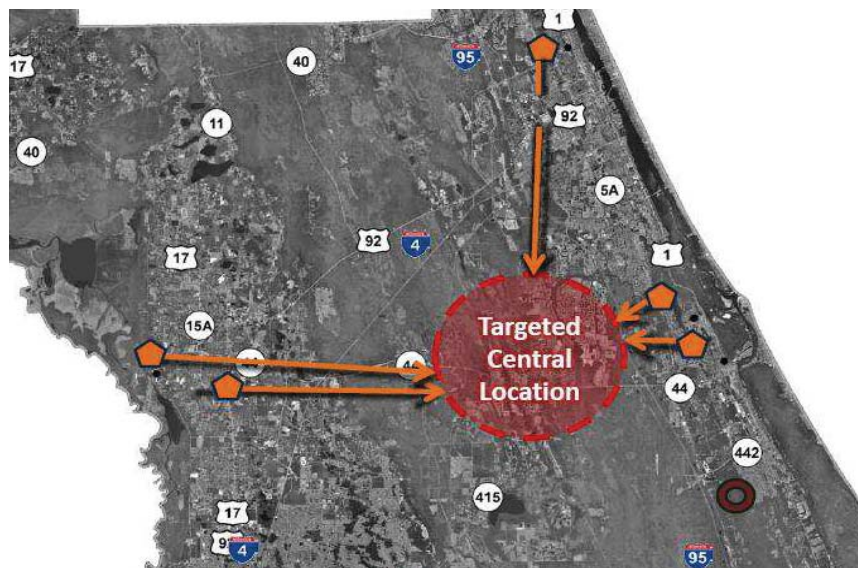
**Funding Status:**

\$ 15,000,000	Local Option Tax
\$ 2,000,000	E. Volusia Mosquito Control
\$ 2,000,000	Storm Water Assess
\$ 19,000,000	Total

**Council Actions:** 10 year capital improvement plan approved by council 5/19/15  
\$ 119,400 A/E Contract (Phase I) approved by council 2<sup>nd</sup> Qtr FY 15/16  
CMGC firm selection approved by council 2<sup>nd</sup> Qtr FY 15/16 – Phase I contract negotiation pending.

**Construction Timeline:** Start: TBD  
Finish: TBD

**Project Status:** Land Acquisition in progress  
AE Services (Phase I – Needs Assessment) in progress



## **PW-SW-2**

**Site:** Tomoka Farms Road Landfill - 1990 Tomoka Farms Rd., Port Orange  
Tomoka Farms Solid Waste Facility – Operations Center Building

**Acquisition:** N/A

**Project Scope:** Hardened to serve as the SW FOC with technology upgrades  
Potable water service (DAB)  
Consolidates operational staff at the Tomoka landfill (Division's business center)  
Operational staff training center  
Administration and customer service center  
Provides adequate facility needs for long term

**Design Timeline:** Complete

**Project Cost:**                   \$ 237,723     Design  
                                  \$ 2,000,000    Construction  
                                  \$ 2,237,723     Total

**Funding Sources:**           \$ 2,237,723     Solid Waste Funded

**Council Actions:**           1. Engineering & design Approval:     January 22, 2015

**Construction Timeline:**    Start:   3<sup>rd</sup> Qtr. – FY 16/17  
  Finish: 3<sup>rd</sup> Qtr. – FY 17/18

**Project Status:**             Design 100% complete  
                                      Final site plan approved – December 02, 2015  
                                      Construction bid to be advertised – July 2016 – All bids rejected  
                                      Construction bid to be re-bid – December 2016



**PW-TE-1**

Site:	Pioneer Trail & Airport Road in New Smyrna Beach		
Acquisition:	N/A		
Project Scope:	New mast arm		
Design Timeline:	Start:	1 <sup>st</sup> Qtr. – FY 16/17	
	Finish:	1 <sup>st</sup> Qtr. – FY 16/17	
Project Cost:	\$391,000		
Funding Status:	\$391,000	Local Option Gas Tax	
Council Actions:	Approved 16/17 Budget		
Construction Timeline:	Start:	3 <sup>rd</sup> Qtr. - FY 16/17	
	Finish:	1 <sup>st</sup> Qtr. - FY 17/18	
Project Status:	Project to begin October 1 <sup>st</sup> 2016		
	Design Complete December 2016		
	Construction adjustments made to account for Hurricane Matthew impacts to overall signal industry.		
	Cost revisions are due to redesign as a result of poor soils.		



**PW-TE-3**

**Site:** Graves Ave & Kentucky Ave in Orange City

**Acquisition:** N/A

**Project Scope:** New 4-pole Design

**Design Timeline:** Start: 1<sup>st</sup> Qtr. – FY 16/17  
Finish: 2<sup>nd</sup> Qtr. – FY 16/17

**Project Cost:** \$200,000

**Funding Sources:** \$200,000 Local Option Gas Tax

**Council Actions:** Approved 16/17 Budget

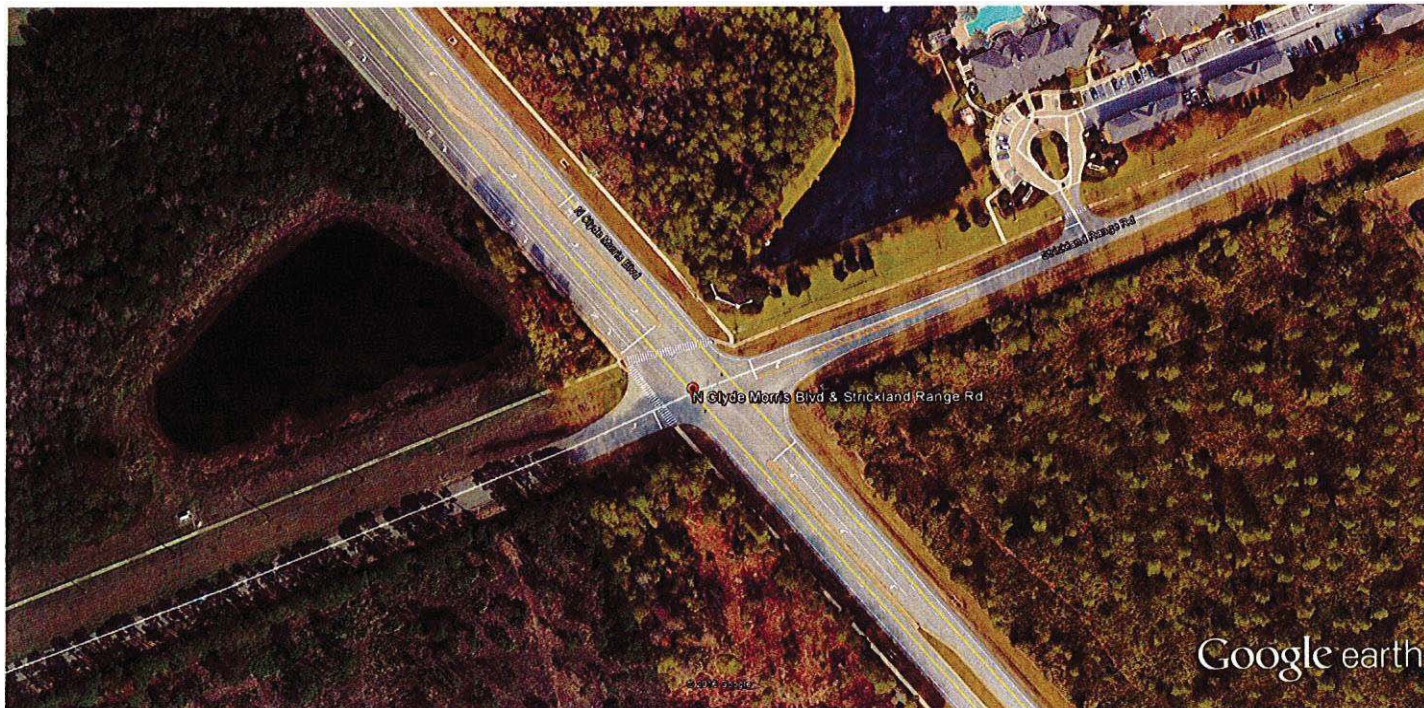
**Construction Timeline:** Start: 1<sup>st</sup> Qtr. - FY 17/18  
Finish: 3<sup>rd</sup> Qtr. - FY 17/18

**Project Status:** Project to begin October 1<sup>st</sup> 2016  
Adjustments made to account for Hurricane Matthew impacts to overall signal industry



**PW-TE-4**

Site:	Strickland Range Rd & Clyde Morris Blvd in Daytona Beach		
Acquisition:	N/A		
Project Scope:	Upgrade to mast arm		
Design Timeline:	Start: 2 <sup>nd</sup> Qtr. – FY 15/16 Finish: 2 <sup>nd</sup> Qtr. – FY 15/16		
Project Cost:	\$304,000		
Funding Sources:	\$304,000	Local Option Gas Tax	
Council Actions:	Approved 15/16 Budget		
Construction Timeline:	Start: 4 <sup>th</sup> Qtr. - FY 15/16 Finish: 3 <sup>rd</sup> Qtr. - FY 16/17		
Project Status:	Notice to Proceed issued July 2016		
Project Adjustment:	Adjustments made to account for Hurricane Matthew impacts to signal industry		



**PW-TE-5**

**Site:** Blue Lake Ave & Taylor Rd in Deland

**Acquisition:** N/A

**Project Scope:** New Traffic Signal

**Design Timeline:** Start: 2<sup>nd</sup> Qtr. – FY 15/16  
Finish: 2<sup>nd</sup> Qtr. – FY 15/16

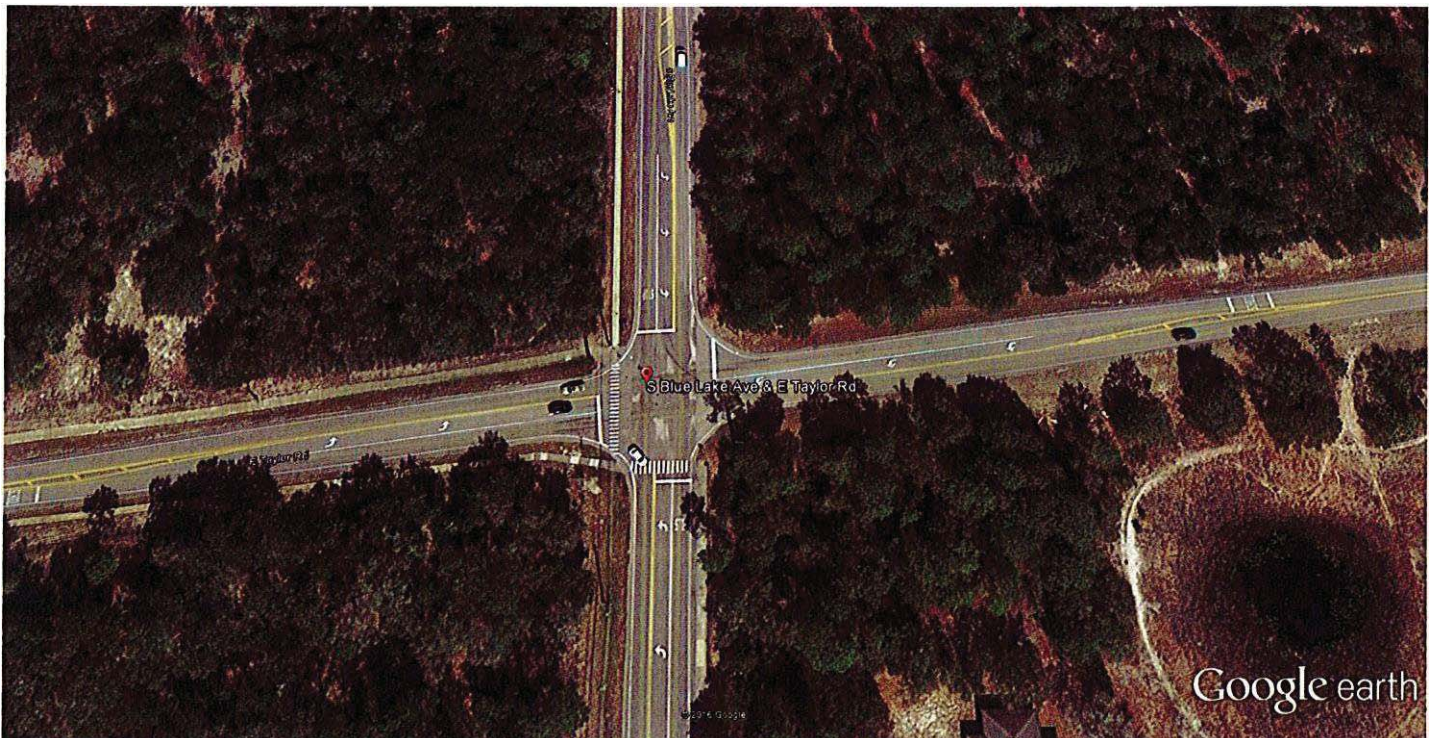
**Project Cost:** \$199,000

**Funding Sources:** \$199,000 Local Option Gas Tax

**Council Actions:** Approved 15/16 Budget

**Construction Timeline:** Start: 3<sup>rd</sup> Qtr. - FY 15/16  
Finish: 1<sup>st</sup> Qtr. - FY 16/17

**Project Status:** Project complete – Signal turned on 11/7/2016



**PW-TE-6**

**Site:** Plymouth Ave & Amelia Ave in Deland

**Acquisition:** N/A

**Project Scope:** New Traffic Signal

**Design Timeline:** Start: 3<sup>rd</sup> Qtr. – FY 15/16  
Finish: 4<sup>th</sup> Qtr. – FY 15/16

**Project Cost:** \$242,000

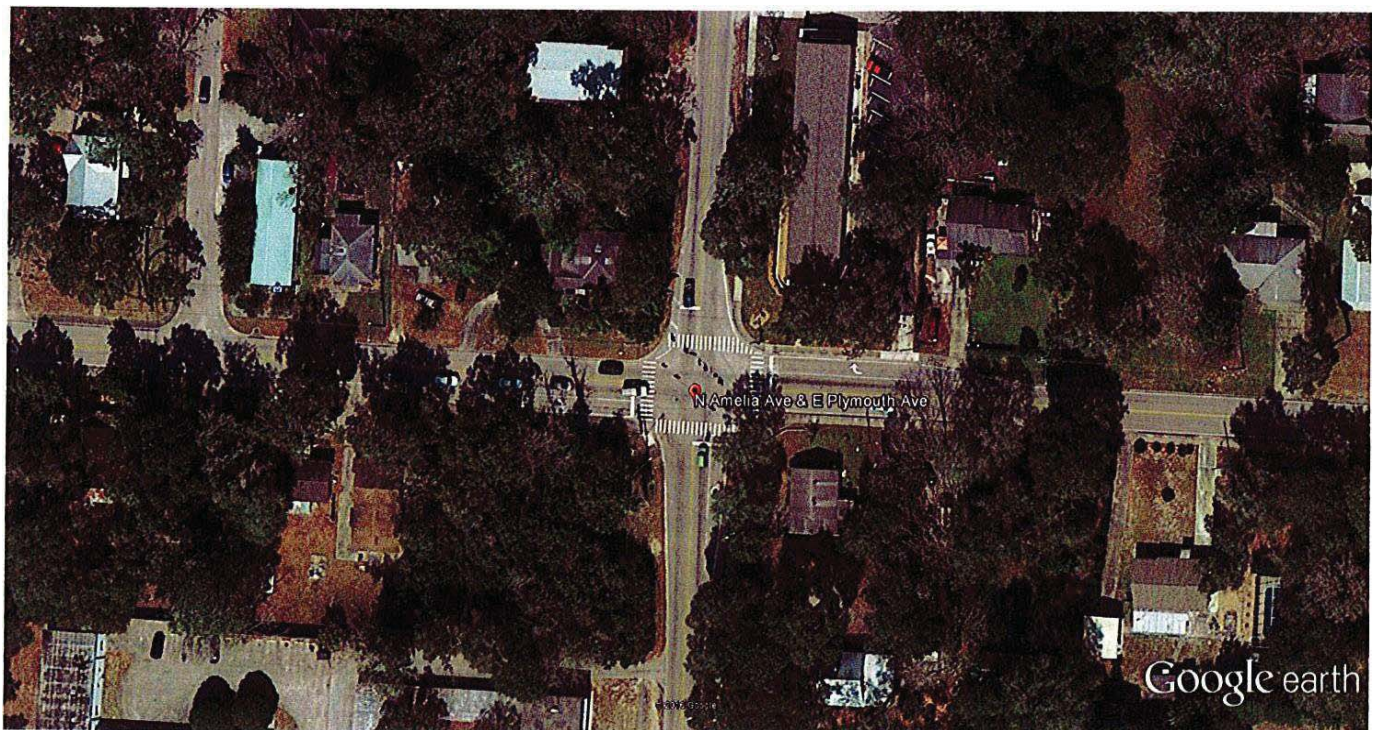
**Funding Sources:** \$242,000 Local Option Gas Tax

**Council Actions:** Approved 15/16 Budget

**Construction Timeline:** Start: 3<sup>rd</sup> Qtr. - FY 16/17  
Finish: 1<sup>st</sup> Qtr. - FY 17/18

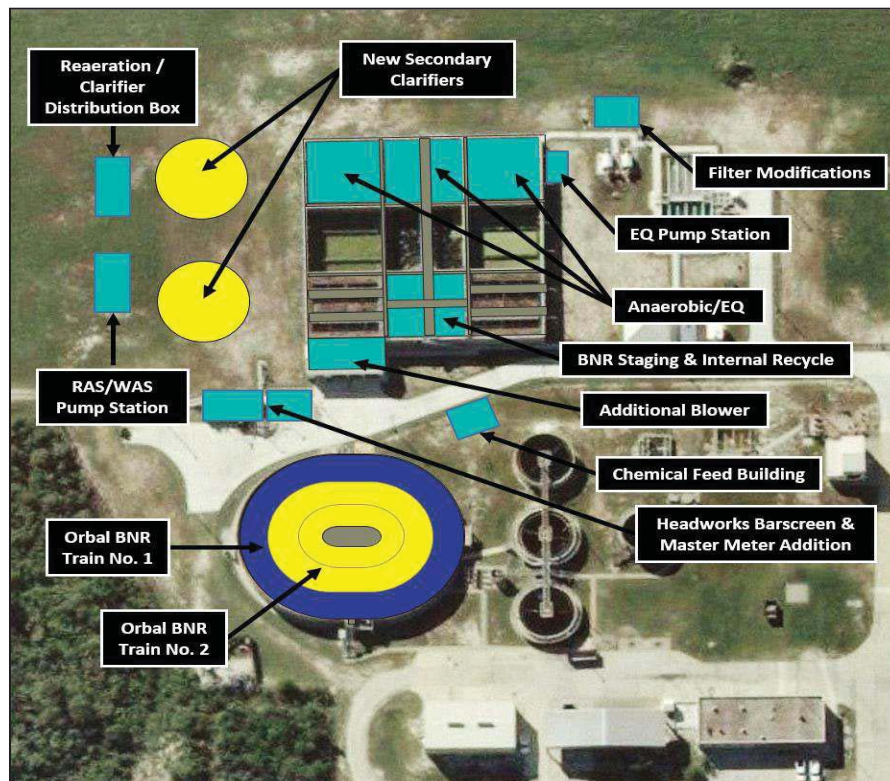
**Project Status:** Design Stage

**Project Adjustment:** Adjustments made to account for obtaining ROW easements on NE & SW corners to accommodate ADA ramps & Hurricane Matthew impacts to signal industry.



## **PW-WRU-1**

<b>Site:</b>	Southwest Regional Advanced Wastewater Treatment Facility		
<b>Acquisition:</b>	None required		
<b>Project Scope:</b>	1 MGD expansion to a total treatment capacity of 2.7 MGD Advanced treatment technology upgrades Removal of estimated additional 27,000 pounds of nitrogen per year		
<b>Design Timeline:</b>	Start: 3 <sup>rd</sup> Qtr. – FY 14/15 Finish: 1 <sup>st</sup> Qtr. – FY 15/16		
<b>Project Cost:</b>	\$ 12,129,500		
<b>Funding Sources:</b>	<div>\$ 7,527,500 2016 SJRWMD/FDEP cost share funding</div> <div>\$ 4,602,000 Funded from WRU Budgeted/Appropriated Funds</div> <div>\$ 12,129,500 Total</div>		
<b>Council Actions:</b>	<div>1. Design/Permitting Services approval May 7, 2015</div> <div>2. Cost Share Funding Agreement executed April 7, 2016</div> <div>3. Construction/Budget Resolution approval: April 7, 2016</div> <div>4. Cost Share Funding Agreement Amendment: December 8, 2016</div>		
<b>Construction Timeline:</b>	Start: 3 <sup>rd</sup> Qtr. – FY 15/16 Finish: 1 <sup>st</sup> Qtr. – FY 17/18		
<b>Project Status:</b>	Design 100% Complete Notice to Proceed issued May 23, 2016, construction is on schedule Expected completion date March 31, 2018		



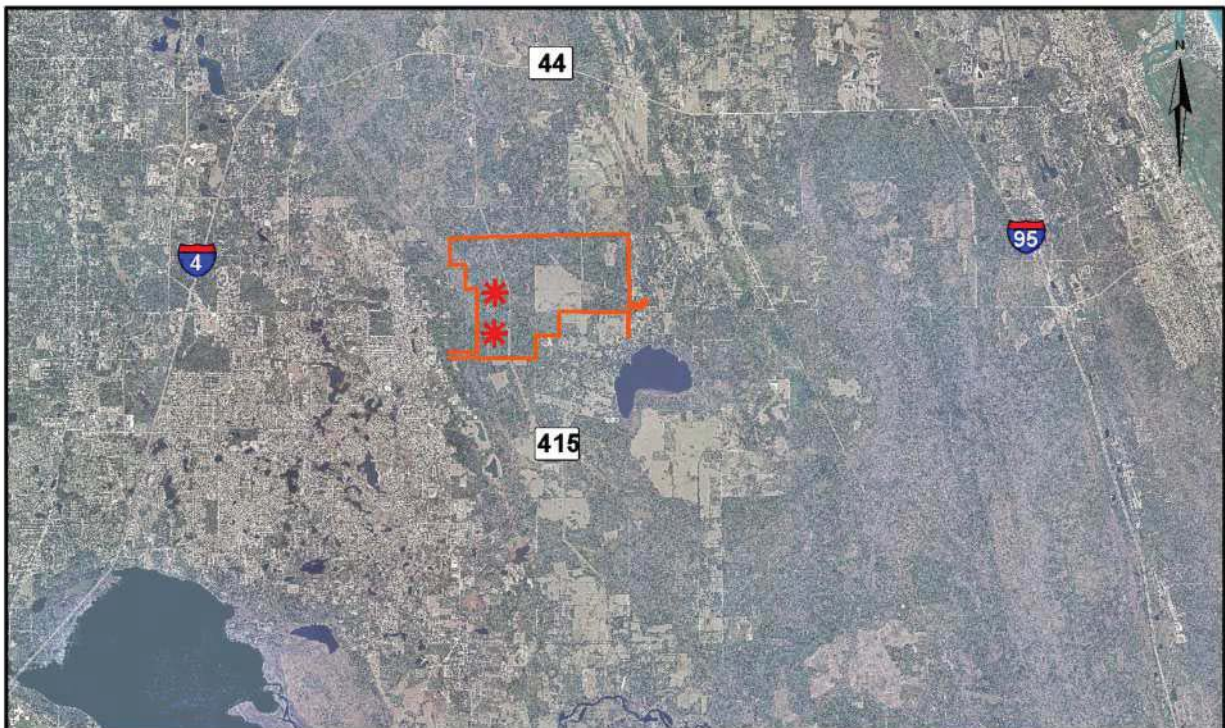
## **PW-WRU-2**

<b>Site:</b>	Normandy Blvd Reclaimed Water Main Extension		
<b>Acquisition:</b>	None required		
<b>Project Scope:</b>	Will extend reclaimed water service to commercial development proposed within the I-4 activity center east of I-4		
<b>Design Timeline:</b>	Start:	4 <sup>th</sup> Qtr. – FY 15/16	
	Finish:	2 <sup>nd</sup> Qtr. – FY 16/17	
<b>Project Cost:</b>	\$614,500		
<b>Funding Sources:</b>	\$ 202,785	Estimated SJRWMD cost share funding	
	\$ 411,715	Funded from WRU Budgeted Funds	
	\$ 614,500	Total	
<b>Construction Timeline:</b>	Start:	3 <sup>rd</sup> Qtr. – FY 16/17	
	Finish:	1 <sup>st</sup> Qtr. – FY 17/18	
<b>Council Actions:</b>	Design for alternative water approved in FY 15/16 budget SJRWMD cost share agreement executed October 20, 2016 Engineering design and permitting task assignment approved August 18, 2016 Approval of construction contract pending		
<b>Project Status:</b>	Approved for cost share funding June 2016 by SJRWMD Governing Board Engineering design is on schedule		



### **PW-WRU-3**

Site:	Deep Creek Aquifer Performance Test Wells		
Acquisition:	None required		
Project Scope:	Construction of wells/aquifer performance testing will identify the ground water quality and sustainable ground water yield		
Design Timeline:	Start: 1 <sup>st</sup> Qtr. – FY 16/17 Finish: 3 <sup>rd</sup> Qtr. – FY 16/17		
Project Cost:	\$ 600,000		
Funding Sources:	\$ 200,000	Estimated FDEP cost share funding	
	<u>\$ 400,000</u>	<u>Funded from WRU Budgeted Funds</u>	
	\$ 600,000	Total	
Construction Timeline:	Start: 4 <sup>th</sup> Qtr. – FY 16/17 Finish: 2 <sup>nd</sup> Qtr. – FY 17/18		
Council Actions:	FDEP cost share agreement executed November 3, 2016 Engineering design and permitting task assignment approved December 8, 2016 Approval of construction contract pending		
Project Status:	Project approved by the state legislature for cost share funding Negotiating task assignment with engineering consultant for design		



## **SO-5715**

Site:	New Sheriff's Evidence Storage Building & Forensics Lab - Volusia County, Tiger Bay Road, Daytona Beach, FL								
Acquisition:	Existing County Property - Indian Lake Complex								
Project Scope:	New building and related site improvements for the controlled storage and processing of crime scene evidence, seized property and recovered property. Building also includes a forensics lab.								
Design Timeline:	Start: 3 <sup>rd</sup> Qtr. – FY 15/16 Finish: 2 <sup>nd</sup> Qtr. – FY 16/17								
Project Cost:	\$ 13,500,000								
Funding Sources:	<table><tr><td>\$ 5,000,000</td><td>General Fund</td></tr><tr><td><u>\$ 8,500,000</u></td><td><u>Municipal Service District</u></td></tr><tr><td>\$ 13,500,000</td><td>Total</td></tr></table>			\$ 5,000,000	General Fund	<u>\$ 8,500,000</u>	<u>Municipal Service District</u>	\$ 13,500,000	Total
\$ 5,000,000	General Fund								
<u>\$ 8,500,000</u>	<u>Municipal Service District</u>								
\$ 13,500,000	Total								
Council Actions:	10 year capital improvement plan approved by council 5/19/15 \$1,064,500 A/E Consult Contract approved by council 4/7/16 \$ 113,863 CM/GC Part A Contract approved by council 2/4/16								
Construction Timeline:	Start: 3 <sup>rd</sup> Qtr. – FY 16/17 Finish: 4 <sup>th</sup> Qtr. – FY 17/18								
Project Status:	Design: in progress Site location plan								



