



CAPITAL PROJECT SCHEDULE

April 6, 2021

Revised 3/3/21

Volusia County
Capital Project Schedule Executive
Summary Quarter 2 Update – April 6, 2021

Business Services

- New Elections Warehouse – Timelines updated to include current acquisition plans.

Community Services

- Marine Discovery Center Trail – Waiting on FDEP Sublease approval; County staff working through process with FWC and FDEP. Construction bidding process underway.
- **Westside Votran Maintenance Facility – New Project** – Project is underway and expected to be completed in this quarter.

Daytona Beach International Airport

- Taxiway November Rehabilitation –
 - Bid schedules D and E punch list items are being completed.
- DAB Terminal –
 - Parking Lot Improvements – County Council approved P&S Paving; Notice to Proceed issued on January 4.
 - Terminal Renovations – Project completion was delayed by material delays due to COVID-19.

Finance

- Countywide 800 MHz Radio System –
 - Phase II – Site design for Lake Harney tower underway. Developing wetland mitigation plan for the St. John's Water Management District. Co-location agreement with Flagler County for the Cody's Corner tower site.

Ocean Center

- Arena Lighting – Pre bid meeting held on December 17, bid closed on January 7 with lowest bidder above project budget total. Project to be re-bid.
- Replace Arena Roof – Notice to Proceed issued on November 25. Project damage assessment meeting held on January 14, change order slated for March 2 County Council meeting.
- **Sound System Replacement – New Project** – Notice to Proceed issued on December 7.
- Parking Garage –
 - Lighting – Bid closed on January 7 with lowest bidder above project budget total.
 - Deck & Drainage Restoration – Notice to Proceed issued on December 1.

Public Protection

- Volusia County Branch Jail and Correctional Facility
 - *Operations System Upgrade – Implementation and training of the new system completed in February.*

- **Fire Station 18 (500 Rodeo Rd, Ormond Beach) – New Project** – Council approved Task Assignment with Schenkel & Shultz on January 19; design process has started and the construction estimate is pending.
- **Fire Station 22 (213 N. US Hwy 1, Oak Hill) – New Project** – Building construction to begin 3rd quarter of FY 20-21.
- Medical Examiner Facility – Site location approved by County Council on February 2.

Public Works

- Coastal – Off-Beach Parking
 - Sun & Surf Park (726 N Atlantic Ave, Daytona Beach) – The City of Daytona Beach approved the site plan in January.
 - **Bolyston Beach Ramp Improvements (Daytona Beach) – New Project** – Construction to begin this quarter.
 - Plaza Beach Ramp Public Access Improvements (Daytona Beach) – Notice to Proceed issued in January.
 - 16th Avenue Off-Beach Parking & Beach Access (Daytona Beach) – Construction pending administrative hearing outcome.
 - Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave, Daytona Beach Shores) – Notice to Proceed issued in February.
 - Dahlia Avenue Park (3621 S. Atlantic Ave, Daytona Beach Shores) – Notice to Proceed issued in January.
 - International Speedway Boulevard Ramp Improvements (Daytona Beach) – Roundabout eliminated in December.
 - University Boulevard Beach Ramp Improvements (Daytona Beach) – Conceptual plan completed in December.
 - **27th Avenue Beach Ramp Replacement (New Smyrna Beach) – New Project** – County Council approved the construction contract on February 2.
- Road & Bridge
 - *Thornby Park Water Quality Improvement Project – Project completed.*
 - Lake Beresford/Lakeside Drive Stormwater Improvement Project – County Council awarded the construction contract on January 7 and construction is currently underway.
 - Gabordy Canal at 10th Street – The County was awarded a \$1,911,784 cost-share grant from the St. John's River Water Management District and the agreement was presented to Council for approval on March 2. An additional grant funding application was submitted to the FDEP and the award results are pending.
 - Ariel Canal Water Quality Improvement Project – Design is underway and is requiring additional tasks to ensure cultural resources compliance. The County was awarded a \$450,000 cost-share grant from the St. John's River Water Management District and the agreement was presented to Council for approval on March 2.
 - *Public Works Northeast Services Facility – Project completed in December and a ribbon cutting ceremony was held on December 14.*
- Engineering & Construction
 - Tenth Street Widening – Construction is underway.
 - Veteran's Memorial Bridge – Project complete pending the contractor addressing punch list items.
 - Orange Camp Widening – Construction is underway.







- **Beresford Avenue Extension – New Project** – City of DeLand has acquired ROW, developer in process of donating ROW by plat, and County is working with property owner to acquire ROW. Developer road segment is in design and has been reviewed by staff; construction of this segment anticipated to begin by end of 2023.
- **Solid Waste**
 - Tomoka Farms Road Landfill – Household Hazardous Waste Drop Off Area – The construction timeline was extended by two quarters to resolve fire suppression issues.
 - **Tomoka Farms Road Landfill – Stormwater Improvements – New Project** – Pre-bid was held on January 5 and closed on January 28.
 - **West Volusia Transfer Station Entrance Improvements – New Project** – Design underway.
- **Traffic Signals**
 - Saxon Boulevard & Market Place – Preliminary site work underway, waiting on mast arms to arrive for completion.
 - Williamson Boulevard & Bellevue Avenue Extension – Installation of the new mast arms, signals, signs and cabinet are completed. Awaiting new power service to be energized so the signal can be transferred to the new mast arms.
 - Orange Camp Road & South Blue Lake Avenue – Preliminary site work underway. Mast arms scheduled to arrive in March.
 - LPGA Boulevard & Center Street – Awaiting permit and Notice to Proceed for construction.
- **Water Resources and Utilities**
 - *Indian Harbor Estates Sanitary Sewer Retrofit – Project completed.*
 - Blue Springs Wetland Aquifer Recharge (Phase 1) – Load testing and analysis time extended as mutually agreed by the participating agencies.
 - Glen Abbey Water Treatment Plant Upgrades – Delivery of equipment delayed 24 weeks.

Total Value of All CPS Projects Active in Quarter 2 Update	\$ 244,873,218
Total Value of All CPS Projects Completed by Quarter 2 Update	\$ 15,961,132

Master Capital Project Schedule

FY 20/21 Q2
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
	Activity Overlap
	Schedule Adjustment
	Project Complete

Department Legend	
BS	= Business Services
CS	= Community Services
DAB	= Daytona Beach Intl Airport
FIN	= Finance
OC	= Ocean Center
PP	= Public Protection
PW	= Public Works

*New Projects are in **bold**

**Completed Projects are in *Italics* - refer to back of binder for FY 19/20

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

Legend	
 Land Acquisition	 Design/ Permitting
 Bid & Construction	 Activity Overlap
 Schedule Adjustment	 Complete

PID	Project Name	District	Construction Funding Approved by Council	FY 17/18				FY 18/19				FY 19/20				FY 20/21				FY 21/22				FY 22/23			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Business Services																											
BS-CES-02	New Elections Warehouse	1	5/21/2015																								
Community Services																											
CS-PRC-01	Lemon Bluff Park	3	5/19/2016																								
CS-PRC-19	Marine Discovery Center Trail	3	5/15/2018																								
* CS-VOT-07	Westside Votran Maintenance Facility	1																									
Daytona Beach International Airport																											
DAB-AF/PAV-01B	Taxiway November Rehabilitation Bid Schedules D & E	4	6/4/2015																								
DAB – TER - 03	Terminal Parking Lot Improvements	4	12/17/2015																								
DAB - TER - 07	Terminal Renovation	4	10/1/2016																								
Finance																											
FIN-IT-01	Countywide 800 MHz Radio System	All																									
Ocean Center																											
OC-318-07	Ocean Center Retrofit Arena Lighting to LED	2	10/1/2017																								
OC-318-12	Ocean Center Replace Arena Roof	2	4/17/2018																								
* OC-318-13	Ocean Center Sound System Replacement	2	2/20/2018																								
OC-475-2	Parking Garage - Lighting	2	10/1/2017																								
OC-475-4	Parking Garage – Deck & Drainage Restoration	2	9/18/2018																								
Public Protection																											
PP-DOC-06	Branch Jail/Correction Facility Potable Water Pipe Replacement	4	10/1/2019																								
PP-DOC-09	Branch Jail/Correction Facility Security and Surveillance System	4	9/4/2018																								
** PP-DOC-10	Branch Jail/Correction Facility Operations Systems Upgrade	4	10/1/2017																								
* PP-FR-02	Fire Station 18 (500 Rodeo Rd, Ormond Beach)	4	9/18/2018																								
* PP-FR-03	Fire Station 22 (213 N. US HWY 1, Oak Hill)	3	9/18/2018																								
PP-ME-01	Replacement Medical Examiner Facility	4																									
Public Works																											
PW-COS-06	Sun & Surf Park (726 N. Atlantic Ave., Daytona Beach)	2	10/1/2016																								
* PW-COS-13	Bolyston Beach Ramp Public Access Improvements	2	6/1/2018																								
PW-COS-14	Plaza Beach Ramp Public Access Improvements	4	4/3/2018																								
PW-COS-17	16th Avenue Off-Beach Parking & Beach Access	3	10/2/2018																								
PW-COS-18	Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave., Daytona Beach Shores)	2	11/5/2015																								
PW-COS-19	Dahlia Ave. Park (3621 S. Atlantic Ave., Daytona Beach Shores)	2	11/5/2015																								
PW-COS-20	International Speedway Boulevard Ramp Improvements	2	1/21/2020																								

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**Completed Projects are in *Italics* - refer to back of binder for FY 19/20

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

Legend	
	Land Acquisition
	Design/ Permitting
	Bid & Construction
	Activity Overlap
	Schedule Adjustment
	Complete

PID	Project Name	District	Construction Funding Approved by Council	FY 17/18				FY 18/19				FY 19/20				FY 20/21				FY 21/22				FY 22/23			
				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-COS-21	Silver Beach Ave. Beach Ramp Improvements - Daytona Beach	2	2/18/2020																								
PW-COS-22	University Blvd. Beach Ramp Improvements - Daytona Beach	2	8/4/2020																								
* PW-COS-23	27th Avenue Beach Ramp Replacement - New Smyrna Beach	3	2/20/2018																								
** PW-DTT-06	Thornby Park Water Quality Improvement Project	5	8/21/2018																								
PW-DTT-07	Lake Beresford/Lakeside Drive Stormwater Improvement Project	1	6/4/2019																								
PW-DTT-08	Gabordy Canal at 10th Street	3	8/6/2019																								
PW-DTT-09	Ariel Canal Water Quality Improvement Project	3	10/1/2019																								
PW-ENG-5061	Tenth Street - Myrtle to US 1	3	5/7/2009																								
PW-ENG-5240	Howland Blvd - Providence Blvd to Elkcarn Blvd	5	8/4/2016																								
PW-ENG-5351-01	Veteran's Memorial Bridge	2	5/7/2015																								
PW-ENG-5395	Orange Camp Rd - MLK Blvd to I-4	1	8/4/2016																								
PW-ENG-5511-03	Spring to Spring Phase 3B - Rob Sullivan Park to Dirksen Dr/US 17-92	5	4/6/2017																								
* PW-ENG-5779	Beresford Ave - Blue Lake Ave to Kepler Rd	1																									
PW-ENG-5797	Williamson Blvd - LPGA Blvd to Strickland Range Rd	4	3/6/2018																								
PW-MSC-01	Marine Science Center Renovation	2	9/18/2018																								
** PW-RB-01	Public Works Northeast Services Facility	4	10/30/2018																								
PW-SW-04	Citizens Convenience Improvement - Household Hazardous Waste Drop	3	10/1/2018																								
* PW-SW-07	Tomoka Farms Road Landfill Class III Stormwater Improvements	3																									
* PW-SW-09	West Volusia Transfer Station Entrance Improvements	3	1/19/2021																								
** PW-TE-09	Pioneer Trail & Enterprise Avenue in New Smyrna Beach - to mast arm	3	10/1/2018																								
PW-TE-10	Saxon Boulevard & Market Place in Orange City - to mast arm	1	10/1/2018																								
PW-TE-11	Williamson Boulevard & Bellevue Avenue Extension	2 & 4	10/1/2019																								
PW-TE-12	Orange Camp Road & South Blue Lake Avenue	1	10/1/2019																								
PW-TE-14	LPGA Boulevard & Center Street, Holly Hill	4	10/1/2019																								
** PW-WRU-04	Indian Harbor Estates Sanitary Sewer Retrofit Design	3	8/20/2019																								
** PW-WRU-09	Glen Abbey Subdivision Reclaimed Water Main Extension	1	11/13/2018																								
PW-WRU-10	Southwest Service Area Wastewater Infrastructure Improvements	5	11/13/2018																								
** PW-WRU-11	Fort Florida Rd Utility Improvements	5	12/10/2019																								
PW-WRU-12	Blue Spring Wetland Aquifer Recharge (Phase 1)	5	8/20/2019																								
PW-WRU-13	Glen Abbey Water Treatment Plant Upgrades	5	11/11/2019																								

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**Completed Projects are in *Italics* - refer to back of binder for FY 19/20

BS-CES-2

Project:

New Elections Warehouse

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.

Acquisition:

Start: 1st Qtr. – FY 21/22

Finish: 4th Qtr. – FY 21/22

Design:

Start: 1st Qtr. – FY 22/23

Finish: 4th Qtr. – FY 22/23

Construction:

Start: 1st Qtr. – FY 23/24

Finish: 4th Qtr. – FY 23/24

Project Cost:

\$ 5,900,000

Funding Sources:

Elections Warehouse (367-930-4180)

\$4,320,627 (fund balance after completion of Elections Office build out)

Council Actions:

1. 10-year capital improvement plan approved by council 3rd Qtr. FY 14/15

Status:

Investigating site locations with discussions involving the Supervisor of Elections and management.

Project Adjustment:

Schedules updated.

BS-CES-2 (Continued)



CS-PRC-01

Project:

Lemon Bluff Park

Scope:

The project scope includes restoration of the seawall and dockage, construction of a boat launch, floating canoe/kayak launch, fishing area, restrooms, pavilions (2), parking, and sidewalks.

Acquisition:

March 13, 2013 (ECHO Funds)

Design:

Start: 3rd Qtr. – FY 15/16

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 20/21

Project Cost:

\$ 107,470	Design
<u>\$ 2,028,117</u>	Construction
\$ 2,135,587	Total

Funding Sources:

\$ 400,000	2016 Council ECHO grant award
\$ 375,000	FIND Grants
\$ 716,833	Impact Fee Fund 135
\$ 30,000	Impact Fee Fund 137
<u>\$ 613,754</u>	Funded from FBIP
\$ 2,135,587	Total

Council Actions:

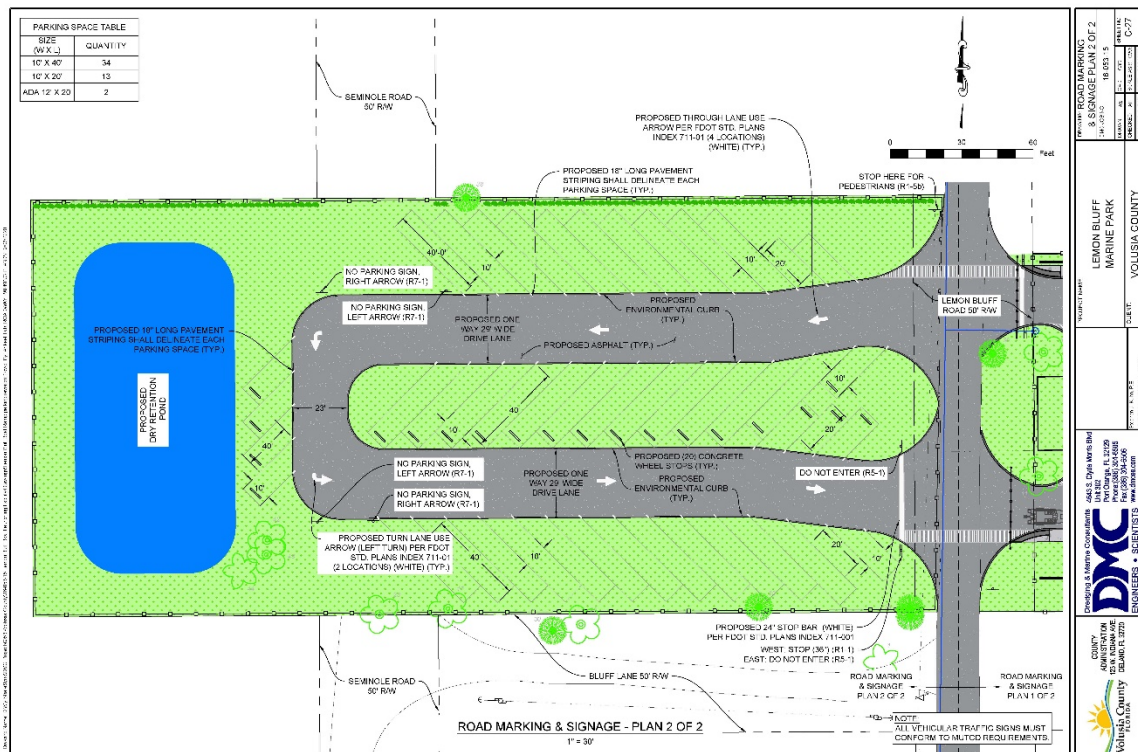
1. Purchase Approval	December 20, 2012
2. Contract Task Assign – DMC	March 17, 2016
3. ECHO Grant Approval	May 19, 2016
4. FIND Grant	September 30, 2017
5. Conceptual Drawing Approval	May 7, 2019
6. FIND Grant	March 17, 2020
7. Award Construction Contract	June 16, 2020
8. FIND Grant Appropriation Approved	August 4, 2020

Status:

Met with public on May 13, 2017
Second public meeting was held on October 18, 2018
Boat Launch Facility plans 100%
Parking area design complete

Construction schedule updated based on construction contract dates

Updated construction cost



CS-PRC-19

Project:

Marine Discovery Center Trail

Scope:

Project includes trail head, restroom, stormwater adjustments and paved trail

Acquisition:

Sublease in process with Marine Discovery Center

Start: 2nd Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Design:

Start: 1st Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

\$1,100,000

Funding Sources:

\$1,100,000

ECHO appropriation, 328 Trails Capital Fund

Council Actions:

- | | |
|---|-------------------|
| 1. Approval of ECHO appropriation for design and construction | May 15, 2018 |
| 2. Approval of Amendment #1 for engineering | March 5, 2019 |
| 3. Approval of Amendment #3 for engineering | December 10, 2019 |

Status:

Survey and legal description is completed

Design 100% complete

FDEP sublease is in process

Draft interlocal maintenance agreement has been provided to City of New Smyrna Beach and Marine Discovery Center

Waiting on FDEP Sublease approval – County staff working through process with FWC & FDEP
Construction bidding process underway

Project Adjustment:

Status updated

FY 20/21 Q2 Update



CS-VOT-07

Project:

Westside Votran Maintenance Facility

Scope:

This project encompasses concreting the existing westside Votran maintenance facility grounds (specifically the maintenance yard and storage area for the vehicles).

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 20/21

Project Cost:

\$ 796,452

Funding Sources:

\$ 796,452 FTA and FDOT Grants

Council Actions:

- | | |
|---------------------------|-----------------|
| 1. Budget approval | FY 18/19 |
| 2. Construction Bid award | August 25, 2020 |

Status:

Project began on October 12, 2020. Project is underway and expected to be completed in February 2021. Some delays were experienced due to heavy rains.

Project Adjustment:

New project

CS-VOT-07 (Continued)



DAB – AF/PAV-01-B

Project:

DAB/Airside - Taxiway November Rehabilitation; Bid Schedules **D** and **E**

Scope:

Rehabilitation of taxiway pavement and shoulders; modification of taxiway geometries to remedy identified runway incursion locations; new LED edge lighting and lighting controls; storm-water repairs with replacement of existing subgrade drainage infrastructures.

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 16/17

Construction:

Phase III - Bid Schedule D

Start: 3rd Qtr. – FY 17/18

Finish: 2nd Qtr. – FY 20/21

Phase IV - Bid Schedule E

Start: 3rd Qtr. – FY 17/18

Finish: 2nd Qtr. – FY 20/21

Bid Schedule D – 110 days

Bid Schedule E – 90 days

Project Cost:

\$ 2,051,556 Total Design (Schedules, B, C, D, and E)

\$ 37,840,813 Total Construction (Schedules B, C, D, and E)

\$ 39,892,369 Total

Funding Sources:

Total Design (Schedules B, C, D and E - \$2,051,556)

\$ 1,846,398	FAA AIP Grant funding	AIP 074
\$ 94,633	FDOT Grant funding	FM 431539
\$ 110,525	Local funding	

Construction (Schedule D only – \$9,163,485, – FY 19/20)

\$ 8,151,386	FAA AIP Grant Funding	AIP # 078
\$ 452,855	FDOT Grant Funding	FM431539-04
\$ 559,244	Local Funding FY17/18	

Construction (Schedule E only – \$8,287,284 – FY 20/21)

\$ 7,438,930	FAA AIP Grant Funding	AIP # 080
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DAB – AF/PAV-01-B (Continued)

\$ 413,274	FDOT Grant Funding	FM431539-05
\$ 435,080	Local Funding (FY 18/19)	

Council Actions:

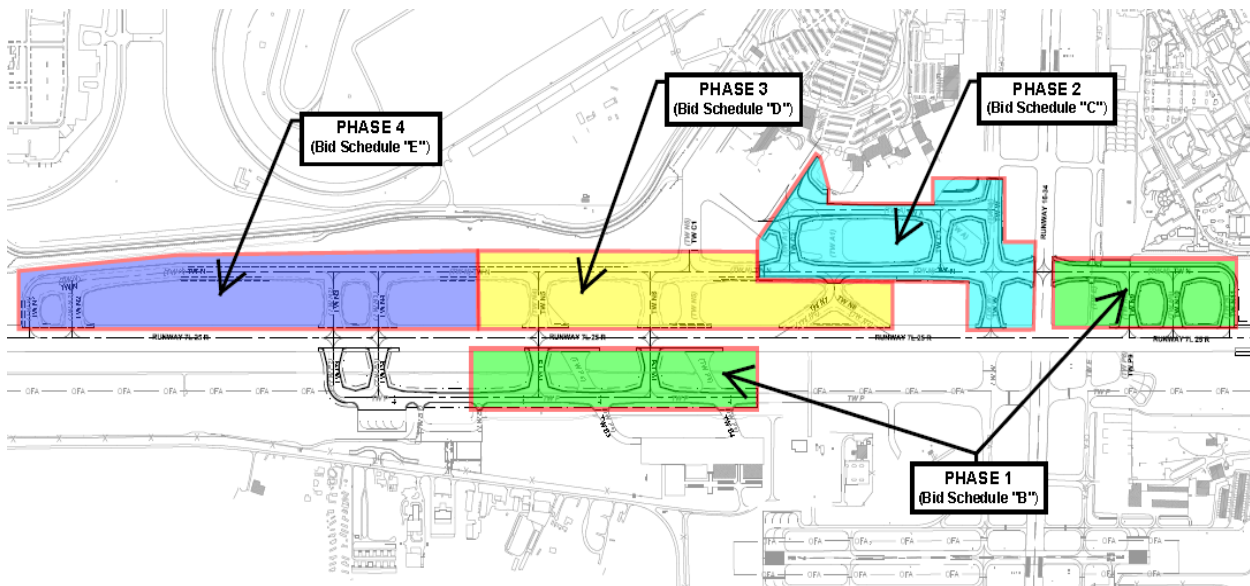
1. TA for Design package Bid Schedules (D&E) approval	April 3, 2018
2. Grant Acceptance & approval of local match (D&E)	June 5, 2018
3. Council approval of contract to P&S Paving (Bid Sched D Only)	December 18, 2018
4. Council approval of RS&H CA/RPR Svcs. (Bid Schedule D)	August 6, 2019
5. Council approval of AVCON Post Design Svcs. (Bid Schedule D)	August 6, 2019
6. Council approved P&S Paving Change Order price increase (Bid Sched D)	January 21, 2020
7. Council approved P&S Paving Contract Amendment (Bid Schedule E)	January 21, 2020
8. Council approval of RS&H CA/RPR Svcs. (Bid Schedule E)	July 21, 2020
9. Council approval of AVCON Post Design Svcs. (Bid Schedule E)	July 21, 2020

Status:

Punch list items are being completed Bid Schedule D will be completed late 2nd quarter FY 20-21
Punch list items are being completed. Bid Schedule E will be completed late 2nd quarter FY 20-21

Project Adjustment:

Changes reflected in status update.



DAB-TER-03

Project:

DAB/Terminal - Parking Lot Improvements

Scope:

Milling and overlay of parking areas and vehicular circulation pavements; LED lighting fixtures with automatic controls; Way-finding directional signage and ticketing canopy structures.

Acquisition:

N/A

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 1st Qtr. – FY 21/22

Project Cost:

\$ 9,880	Sign Inspection
\$ 166,284	Design
\$ 526,948	Design Changes, Bidding, CA and RPR Services
\$ 6,906,888	Construction (Est.) (Cost represents Four (4) separate projects)
\$ 7,610,000	Total

Funding Sources:

\$ 870,550	Customer Facility Charge Revenue
\$ 1,525,000	FDOT Grant FM# 436051
\$ 1,525,000	Local Funding
\$ 1,844,725	FDOT Additional Grant Request (FY 19/20)
\$ 1,844,725	Local Additional Request Funding (FY 19/20)
\$ 7,610,000	Total

Council Actions:

1. Grant acceptance and approval of local match	March 17, 2014
2. A/E Design Services task authorization (TA)	July 17, 2014
3. Request for additional funding approved	November 6, 2014
4. Request for additional funding approved	June 4, 2015
5. Request for additional funding approved	December 17, 2015
6. A/E Selection for Design Services	August 21, 2018
7. A/E Design Services Task Authorization	July 16, 2019
8. Request to apply and accept for additional grant funding and additional budget authority approved	March 3, 2020
9. Council approval of contract to P&S paving	November 10, 2020

DAB-TER-03 (Continued)

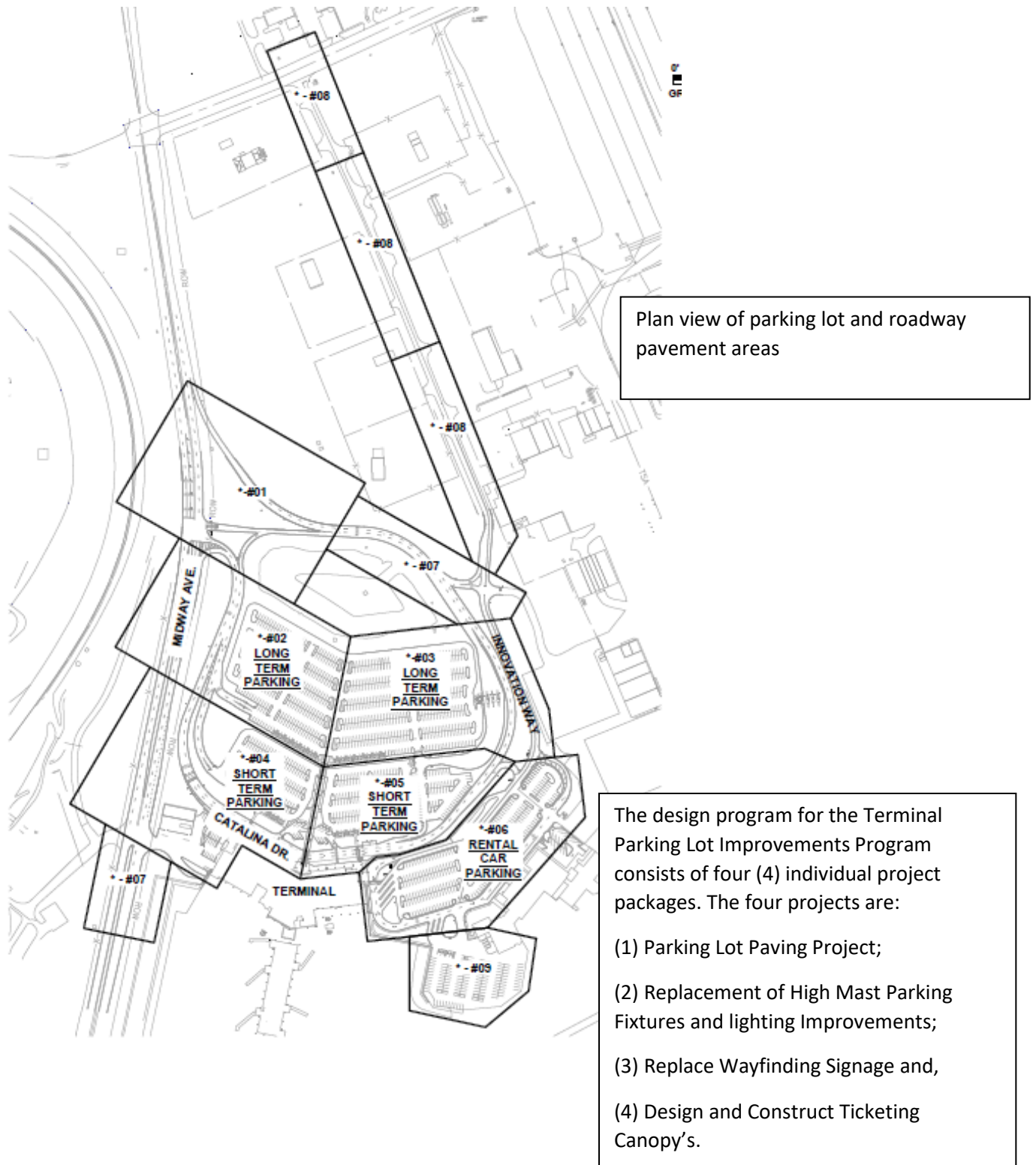
Status:

County Council approved P&S Paving. Notice to Proceed was issued on January 4, 2021.

Project Adjustment:

Changes reflected in status update

DAB-TER-03 (Continued)



DAB-TER-07

Project:

DAB/Terminal – Terminal Renovations

Scope:

Renovations to Terminal to improve and enhance both the passenger and airline experience as well as to increase air service development efforts.

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 15/16

Finish: 2nd Qtr. – FY 18/19

Construction:

Start: 3rd Qtr. – FY 18/19

Finish: 2nd Qtr. – FY 20/21

Project Cost:

\$ 932,039	Design
\$ 13,435,740	Construction
\$ 37,551	Permit Fee (State Mandated)
<u>\$ 14,405,330</u>	<u>Total</u>

Funding Sources:

\$ 12,000,000	Commercial Loan (FDOT Grant to refund partial amount of loan)
\$ 2,040,358	Enterprise Operating Fund Reserves
\$ 364,972	Customer Facility Charge
<u>\$ 14,405,330</u>	<u>Total</u>

Council Actions:

1. Approval of Design Agent (Architect of Record)	July 21, 2016
2. Contract Award for CM/GC	November 17, 2016
3. Award contract for CM/GC, Part A	March 16, 2017
4. Approval of Design Task Assignment	December 7, 2017
5. Award contract for CM/GC, Part B	April 16, 2019
6. Request to apply and accept for additional grant funding	March 3, 2020

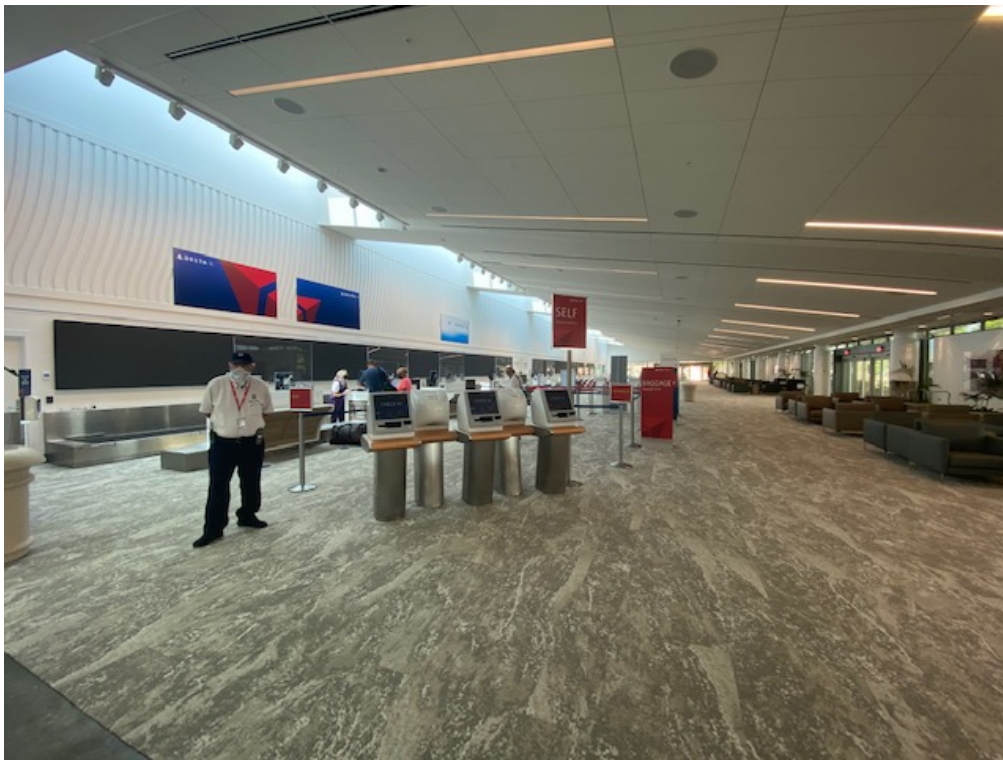
Status:

Project was impacted by material delays from two manufactures due to the COVID-19 pandemic.

Project Adjustment:

Construction finish changed

DAB-TER-07 (Continued)



FIN-IT-01

Project:

Countywide - 800 MHz Radio System Backbone and Radios

Scope:

Planning, design, and implementation of modern P25 Phase II 800 MHz public safety radio system. The existing 800 MHz radio system, which includes the microwave system, was implemented in 1993. The equipment and technology has reached end-of-life and will be upgraded/replaced as part of this project. The system supports over 9,000 radios used countywide by county and city agencies. In Phase I, a radio system consultant will assist the county in assessing existing assets, evaluating microwave and radio system technology, performing high level needs assessments, and providing financial and technical options analysis. In Phase II, the consultant will assist with radio system design and specifications, procurement, and implementation.

Acquisition:

800 MHz Public Safety Radio System was implemented in 1993

Design:

Phase I – Radio System Modernization Assessment and Planning

Start: 1st Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 17/18

Phase II – Radio System Modernization Design and Procurement

Start: 3rd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 20/21

Construction:

Phase II

Start: 3rd Qtr. – FY 20/21 (Begin implementation)

Finish: 3rd Qtr. – FY 22/23

Project Cost:

\$ 21,655,432 (estimated)	County of Volusia
<u>\$ 7,000,000 (estimated)</u>	City Budgets
\$ 28,655,432 (estimated)	Total

Funding Sources:

\$ 14,725,690	305-930-4605	800 MHz Capital Backbone Replacement
\$ 6,929,742	305-930-4606	800 MHz Capital Radio Replacement
<u>\$ 7,000,000</u>	<u>City Budgets</u>	
\$ 28,655,432	Total	

FIN-IT-01 (Continued)

Council Actions:

- | | |
|--|--------------------|
| 1. Mini-Budget Workshop | July 7, 2016 |
| 2. Radio System Consultant Award | January 18, 2018 |
| 3. Approval of Direction to Issue RFP | December 4, 2018 |
| 4. Approval of Co-location Agreement with Flagler County | September 17, 2019 |
| 5. Selection of Vendor | June 16, 2020 |

Status:

Phase I - Complete

Phase II

Update 12/2018: Direction changed to combine microwave and radio system procurement into one RFP solicitation; requirement for two new towers added into the radio system backbone design and work effort; separated procurement process timeline from implementation schedule for tracking clarity.

Completed Milestones

RFP development and evaluation of proposals; selection of vendor (Ci/L3Harris)
Tower sharing cooperative agreement with Flagler County
RFP development for structural analysis vendors
Soil analysis and FAA studies for new Lake Harney tower site
Antenna/microwave design
Boundary/environmental survey for Lake Harney site

In Progress

Structural analysis on 13 towers.
Currently preparing application to the PLDRC for a special exception for the Lake Harney site.
Site design for the Lake Harney site.
Developing wetland mitigation plan for the St. John's Water Management District.
Lease agreement with the landowner of the Lake Harney site.
Contract negotiations with Communications International.
Co-location agreement with Flagler County for the Cody's Corner site.

Project Adjustment:

Updated project timeline, council actions, and status

OC-318-07

Project:

Ocean Center – Retrofit Arena/Exhibit Hall Lighting to LED

Scope:

Upgrade arena lighting system to LED fixtures with matching control system.

Acquisition:

N/A

Design:

Start: 4th Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 21/22

Project Cost:

\$ 160,300	Design
<u>\$ 1,242,300</u>	<u>Construction</u>
\$ 1,402,600	Total

Funding Sources:

\$ 1,402,600 318 Ocean Center Capital Fund

Council Actions:

- | | |
|-------------------------------|-------------------|
| 1. Approved by County Council | FY 17/18 Budget |
| 2. Design vendor selected | September 4, 2018 |
| 3. Design contract awarded | February 19, 2019 |

Status:

Pre bid meeting 12/17/20

Bid closed 01/07/21 with lowest bidder above project budget total

Project to be re-bid

Project Adjustment:

Project status updated.

OC-318-12

Project:

Ocean Center – Replace Arena Roof

Scope:

Replace 140,000 square foot of single ply roofing on arena, ballroom, and mezzanine level meeting rooms.

Acquisition:

N/A

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$ 103,605	Design
<u>\$ 1,895,625</u>	Construction
\$ 1,999,230	Total

Funding Sources:

\$ 1,999,230 318 Ocean Center Capital Fund

Council Actions:

- | | |
|--|-----------------|
| 1. TA for Design approved | April 17, 2018 |
| 2. Construction contract awarded to Heartland Construction | August 25, 2020 |

Status:

Pre construction meeting held on 10/8/20.

Notice to proceed issued on 11/25/20.

Project damage assessment meeting 01/14/21, change order in process.

Change order slated for 3/2/21 County Council meeting.

Project Adjustment:

Construction start date, project cost and status updated.

OC-318-13

Project:

Ocean Center – Sound System Replacement

Scope:

Replacement of sound amplification and control system at Ocean Center.

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$ 68,501	Design
<u>\$ 1,074,995</u>	<u>Construction</u>
\$ 1,143,496	Total

Funding Sources:

\$ 1,143,496 318 Ocean Center Capital Fund

Council Actions:

- | | |
|--|-------------------|
| 1. TA for Design approved | February 20, 2018 |
| 2. Construction contract awarded to Pro Sound Inc. | July 21, 2020 |

Status:

Mandatory Pre Bid held on 1/27/20 & 02/03/20

Bid opened 04/23/20

Notice to proceed issued on 12/07/20

Project Adjustment:

New project

OC-475-02

Project:

Parking Garage - Lighting

Scope:

Replace existing lighting throughout the parking garage with LED lighting with motion sensors.

Acquisition:

N/A

Design:

Start: 4th Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 21/22

Project Cost:

\$ 16,000	Design
<u>\$ 200,000</u>	<u>Construction</u>
\$ 216,000	Total

Funding Sources:

\$ 216,000 475 Parking Garage Fund

Council Actions:

- | | |
|-------------------------------|-------------------|
| 1. Approved by County Council | FY 17/18 Budget |
| 2. Design vendor selected | September 4, 2018 |
| 3. Design contract awarded | February 19, 2019 |

Status:

Pre bid meeting 12/17/20

Bid closed 01/07/21 with lowest bidder above project budget total.

Project Adjustment:

Status updated

OC-475-04

Project:

Parking Garage – Deck & Drainage Restoration

Scope:

Replace sealant in all concrete joints throughout the parking garage. Repair sheer point connections between pre-cast concrete panels. Install carbon fiber biscuits to add additional sheer point connections.

Acquisition:

N/A

Design:

Phase 1

Start: 2nd Qtr. – FY 18/19

Finish: 1st Qtr. – FY 19/20

Phase 2 & 3

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Construction:

Phase 1

Start: 2nd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Phase 2 & 3

Start: 4th Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 21/22

Project Cost:

\$ 74,265	Design
\$ 314,306	Phase 1 Construction (Deck 2 - contract price)
\$ 350,000	Phase 2 Estimate (Deck 6)
<u>\$ 493,790</u>	<u>Phase 3 Estimate (Decks 3-5)</u>
\$ 1,232,361	Project Total

Funding Sources:

475 Parking Garage Fund

Council Actions:

- | | |
|--|------------------|
| 1. Council approval | FY 18/19 Budget |
| 2. Task Assignment for design approved by council | February 5, 2019 |
| 3. Phase 1 construction contract awarded to Tadeos Engineering | July 21, 2020 |

OC-475-04 (Continued)

Status:

Notice to proceed issued December, 1, 2020.
Level 2 deck

Project Adjustment:

Status updated.



PP-DOC-06

Project:

Volusia County Branch Jail Potable Water Pipe Replacement – 1300 Red John Drive, Daytona Beach

Scope:

Multi-phase replacement of existing underground potable water pipes with overhead pipe system. The phased replacement will coincide with roof project.

Acquisition:

N/A

Design:

Cells 5 & 6:

Start: 2nd Qtr. – FY 15/16

Finish: 3rd Qtr. – FY 19/20

Remaining Cells:

Start: 1st Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 20/21

Construction:

Cells 5 & 6:

Start: 3rd Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Phase 2:

Start: 1st Qtr. – FY 21/22

Finish: 3rd Qtr. – FY 21/22

Remaining phases construction schedules to be determined.

Project Cost:

\$ 33,800	Engineering/Design
\$ 1,566,200	<u>Construction (Estimated)</u>
\$ 1,600,000	Total

Funding Sources:

\$1,600,000 General Fund

Council Actions:

1. Council Approved October 1, 2019

Status:

Project deferred until FY 17/18 due to roof replacement project.

Design for cells 5 & 6 of the ten housing cells completed.

RFP for construction is out to bid in 1st quarter FY 20/21.

PP-DOC-06 (Continued)

Design for remaining housing cells initiated 1st quarter FY 20/21.

Project Adjustment:

Design and construction schedule updated.

PP-DOC-09

Project:

Volusia County Branch Jail/Corrections Facility Security and Surveillance System Upgrade
–1300 Red John Drive and 1354 Indian Lake Road, Daytona Beach

Scope:

Corrections Security and Securities System Upgrade. Multi-year, multi-phase project to modernize the aging security systems (i.e. program logical control system, camera, intercoms, etc.) to provide enhanced security for inmates and staff. Both facilities are in need of modern integrated systems to expand viewing coverage; provide clearer audio and alerts, electronic access and logging, and centralized/decentralized control of units; and replace end of life equipment. Request for funding related to the security modernization projects will be determined once security design and engineering studies are completed.

Acquisition:

The Volusia County Branch Jail (VCBJ) was built in 1986
The County Correctional Facility was built in 1977

Design:

Start: 2nd Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 20/21

Construction:

Start: TBD
Finish: TBD

Project Cost:

\$ 65,000	Assessment
\$ 398,100	Design & Engineering Cost
<u>\$ 8,769,769</u>	<u>Construction Cost (Estimated)</u>
\$ 9,232,869	Total

Funding Sources:

001-520-2400-6520 General Fund (multi-year)

Council Actions:

1. Approval of Assessment	FY 18/19 Budget
2. Award of contract for security design/engineering services	September 4, 2018
3. County Council approved Task Assignment #1	February 19, 2019

Status:

RSQ for design/engineering consultant completed and awarded October 2018.
Consultant has begun work on the assessment of design/engineering for Phase I.
Assessment will be completed in 4th Qtr. FY18/19.
Design and engineering phase to begin October 1, 2019. Delayed.
Task Assignment approved by County on April 21, 2020.
Design is underway.

PP-DOC-09 (Continued)

Project Adjustment:

Design schedule updated.

PP-DOC-10

Project:

Volusia County Branch Jail/Correction Facility Operations System Upgrade
-1300 Red John Drive and 1354 Indian Lake Road, Daytona Beach

Scope:

Upgrade of three major critical Corrections applications used to provide management of jail operations and to provide inmates services. These systems have surpassed their operational life expectancy and the vendors are no longer evolving the systems to meet current requirements for inmate and public services, security, cost efficiencies, and interoperability. Systems being upgraded include Video Visitation, Inmate Telephone, and Jail Management.

Acquisition:

Video Visitation System – 2008
Jail Management System - 2009
Inmate Phone System – 2011

Design:

N/A

Construction:

Video Visitation System
Start: 4th Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 19/20

Inmate Phone System
Start: 4th Qtr. – FY 18/19
Finish: 4th Qtr. – FY 18/19

Jail Management System
Start: 1st Qtr. – FY 19/20
Finish: 1st Qtr. – FY 20/21

Project Cost:

\$ 1,098,000 Jail Management System

The Inmate Phone and Video Visitation is funded by contractor and repaid with revenue generated by the system. There is no upfront county cost.

Funding Sources:

\$ 1,098,000 Jail Management System 309 Capital Fund

Council Actions:

1. Approval of FY 17/18 Budget
2. Award of contracts for Video Visitation/Inmate Phone System July 2, 2019
3. Approval of FY 18/19 Budget 4th Qtr. FY 17/18

PP-DOC-10 (Continued)

4. Award of contract for Jail Management System
5. Approval of Jail Management System final contract

3rd Qtr. FY 18/19
October 1, 2019

Status:

Implementation of Video Visitation and Inmate Phone System was completed in August 2019. The Jail Management System training completed in January 2021. System implementation completed in February 2021.

Project Adjustment:

Project complete

COMPLETE

PP-FR-02

Project:

Fire Station 18 – Ormond Beach Renovation; 500 Rodeo Road
(Station will be renamed Fire Station 47)

Scope:

Relocation of Fire Station 18 to a more efficient location in Fire Impact Fee Zone 4

Acquisition:

Start: 1st Qtr. – FY 20/21

Finish: 3rd Qtr. – FY 20/21

Design:

Start: 1st Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Construction:

Start: 1st Qtr. – FY 21/22

Finish: 4th Qtr. – FY 21/22

Project Cost:

\$ 267,000	Land
<u>\$ 450,175</u>	<u>Design</u>
\$ 717,105	Total

Funding Sources:

\$ 341,355	Fire Impact Fee Zone IV
<u>\$ 375,750</u>	<u>Fire Rescue Fund</u>
\$ 717,105	Total

Council Actions:

1. Adopted budget approved by council	September 18, 2018
2. Council approved TA with Schenkel & Shultz	January 19, 2021

Status:

Fire Rescue has completed the review of the fire model and presented to Council on March 19, 2019. Land purchase and construction of a new fire station was the recommendation given to fire rescue. Design process has started. Construction estimate pending.

Project Adjustment:

New Project

PP-FR-02 (Continued)



PP-FR-03**Project:**

Fire Station 22 Renovation – 213 N. US Highway 1, Oak Hill

Scope:

Expansion and renovation to update the interior of the fire station to comply with current standards for gender privacy and building codes.

Acquisition:

Existing County Property

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 3rd Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 21/22

Project Cost:

\$ 99,970	Design
<u>\$ 600,030</u>	<u>Construction</u>
\$ 700,000	Total

Funding Sources:

\$ 90,000	Fire Impact Fee Zone II
<u>\$ 610,000</u>	<u>Fire Rescue Fund</u>
\$ 700,000	Total

Council Actions:

- | | |
|--|--------------------|
| 1. Adopted budget approved | September 18, 2018 |
| 2. Architectural and engineering services approved | October 16, 2018 |

Status:

The conceptual design task, project needs and statement of probable construction costs were initiated in 3rd quarter of FY 17-18. Building design completed in FY 18/19 undergoing update to meet current building code requirements. Building construction expected to begin 3rd quarter FY 20-21.

Project Adjustment:

New Project

PP-FR-03 (Continued)



PP-ME-1

Project:

Medical Examiner Facility – Location to be determined

Scope:

Upgrade existing or construct new facility to provide adequate morgue, autopsy and laboratory space. The medical examiner staff spaces will be appropriately upgraded and new customer spaces provided.

Acquisition:

Existing County Indian Lake Property

Design:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 21/22

Construction:

TBD

Project Cost:

\$ 1,443,000 Design and Engineering

\$ 11,557,000 Construction

\$ 13,000,000 Total

Funding Sources:

\$ 7,316,935 General Fund (373-930-1310)

Council Actions:

- | | |
|---------------------------------------|------------------|
| 1. CMGC Part A services | June 2, 2020 |
| Contract Executed | |
| 2. Architectural/engineering services | April 7, 2020 |
| Task Assignment #1 Executed | |
| 3. Site Location Approval | February 2, 2021 |
| 4. Architectural/engineering services | February 2, 2021 |
| Task Assignment #2 Executed | |

Status:

Kickoff for master planning and programming conducted 3rd quarter FY 19/20

Land survey complete

Schenkel Shultz Architects with Wharton Smith Site selection report completed 4th quarter FY 19/20. Report presented to County Council on February 2, 2021.

Geotechnical engineering complete

Project Adjustment:

Updated schedule, funding, Council Actions and project status

PP-ME-1 (Continued)



PW-COS-06

Project:

Sun & Surf Park – 726 N. Atlantic Ave., Daytona Beach

Scope:

70 parking spaces, including 5 ADA parking spaces, an ADA beach access ramp, showers, bike racks, and a 15' wide stamped concrete beachfront boardwalk, landscaping.

Acquisition:

July 2015

December 2015 - County Occupancy

Design:

Start: 2nd Qtr. – FY 15/16

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

\$ 400,000	Demolition
\$ 42,301	Design
\$ 625,000	Construction (estimated)
<u>\$1,067,301</u>	<u>Total</u>

Funding Sources:

\$ 767,301	Beach Capital
<u>\$ 300,000</u>	<u>Resolution 2018-18</u>
<u>\$1,067,301</u>	<u>Total</u>

Council Actions:

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

Status:

Demolition completed	February 2017
Underground storage tank removed	April 2017
Site survey updated for CCCL	May 2017
UST remediation Task Assignment-2 approved	August 2017
Florida DEP – CCCL permit submitted	March 2018
FDEP Stormwater Permit Received	November 2018
FDOT Driveway Permit Received	March 2019
Local Government Authority Letter Received from City of Daytona Beach	June 2019

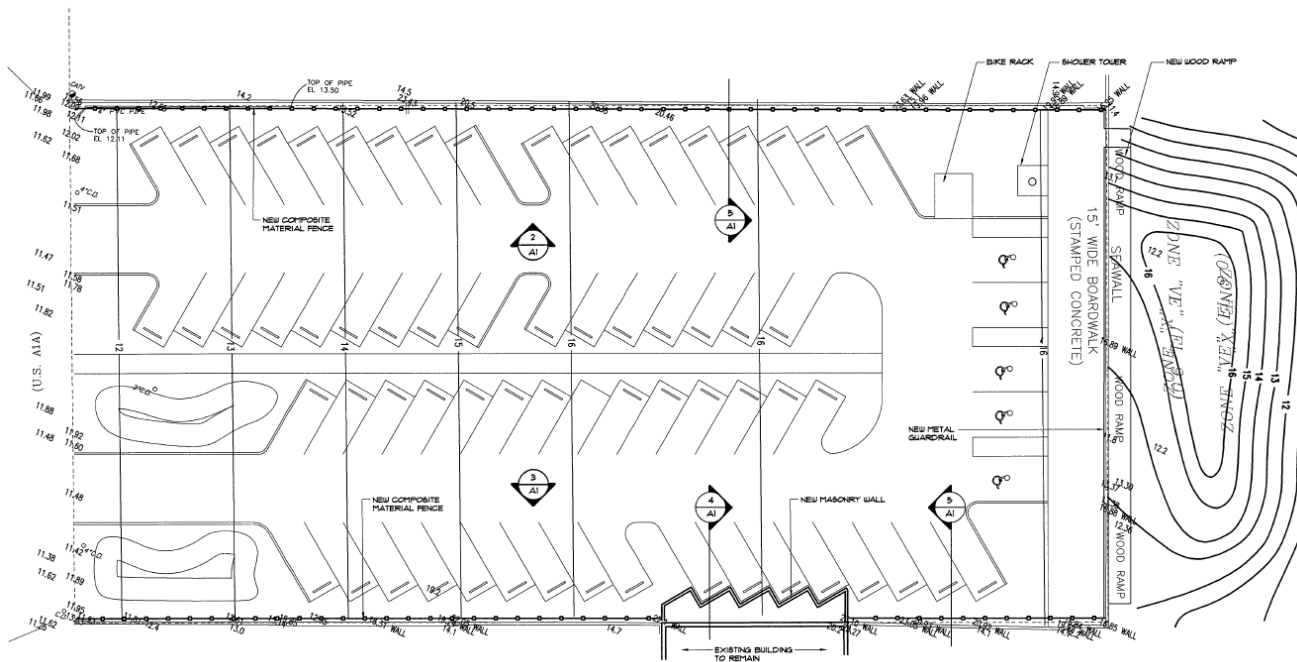
PW-COS-06 (Continued)

CCCL Permit Received
Uniform Development Review Pre-Application Meeting
with City of Daytona Beach
Uniform Development Review Application Submitted
to City of Daytona Beach
Response to City of Daytona Beach Comments
City of Daytona Beach approves Site Plan

August 2019
February 2020
April 2020
October 2020
January 2021

Project Adjustment:

Construction delayed for City of Daytona Beach development plan approval and pending decision by County to permit construction through City of Daytona Beach or internally permit.



PW-COS-13

Project:

Boylston Beach Ramp Public Access Improvements

Scope:

Ramp resurfacing, redesigned ramp gates, pedestrian improvements, hardscaping and landscaping improvements, beach shower, restroom building replacement

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 17/18

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$ 70,000	Design
<u>\$ 715,500</u>	<u>Construction</u>
\$ 785,500	Total

Funding Sources:

\$ 785,500	Beach Capital
------------	---------------

Council Actions:

1. Task Assignment Approved	June 2018
-----------------------------	-----------

Status:

Conceptual design phase	
Design Task Initiated	June 2018
30% Plans Completed	August 2018
60% Plans Completed	June 2019
FDEP CCCL Permit application submitted	January 2019
Plans Completed	September 2020
CCCL Permit Received	September 2020
Army Corps Permit Received	September 2020

Project Adjustment:

New Project

COMPLETE. PLACEMENT TO BE DETERMINED IN FIELD.



PW-COS-14

Project:

Plaza Beach Ramp Public Access Improvements

Scope:

Design, permitting and construction of improvements to the Plaza Blvd. Beach Ramp. Improvements include permanently closing off the ramp with a seawall to eliminate damage to the ROW during storm events, parking, ADA parking, seating, shade structures, an ADA ramp to the beach, a shower tower, stormwater management and landscaping. Construction will require two phases to comply with FEMA grant funding.

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$ 60,000	Design
<u>\$ 566,648</u>	<u>Construction</u>
\$ 626,648	Total

Funding Sources:

\$ 411,648	Beach Capital
<u>\$ 215,000</u>	<u>FEMA Hazard Mitigation Grant</u>
\$ 626,648	Total

Council Actions:

- | | |
|---|---------------|
| 1. Task Assignment Awarded | April 2018 |
| 2. Council approval of site plan | June 2019 |
| 3. Council approval of Phase 1 construction | December 2020 |

Status:

Conceptual design phase	
Design Task Initiated	April 2018
Survey and Geotech Completed	May 2018
Conceptual Design Complete	June 2018
30% Plans Completed	August 2018
60% Plans Completed	March 2019
FDEP CCCL Permit Submitted	April 2019

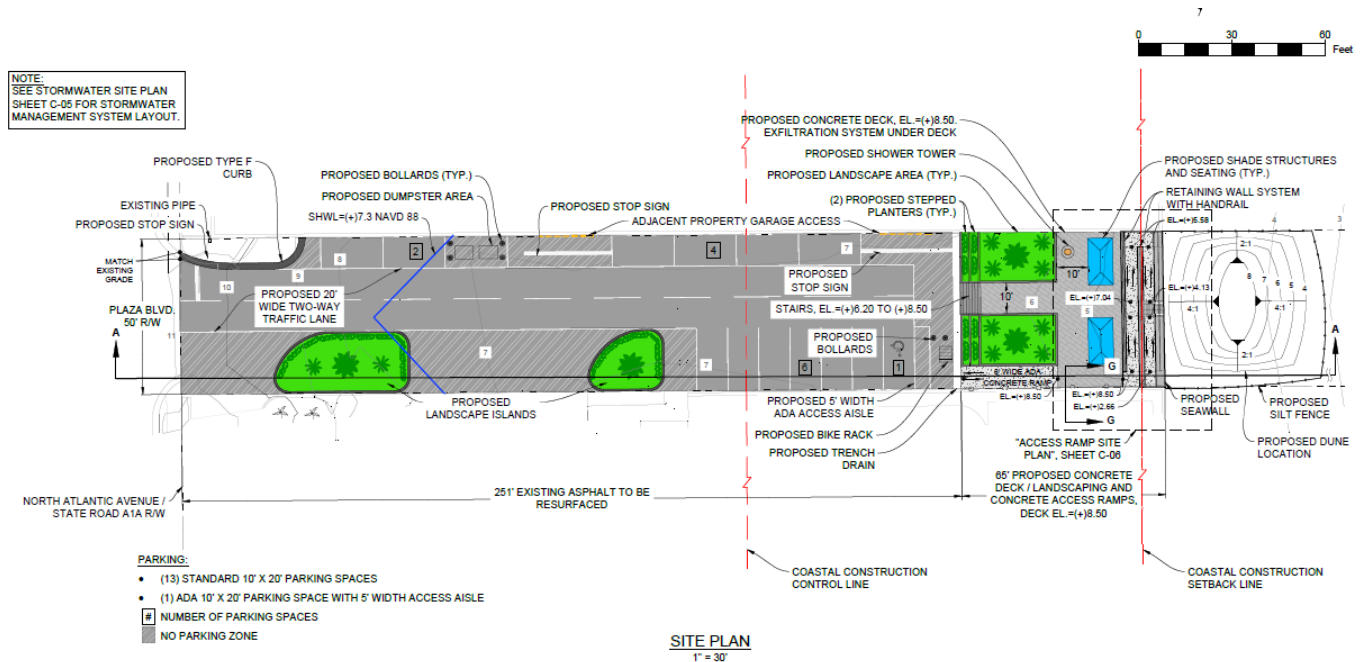
PW-COS-14 (Continued)

FEMA approves grant funding
90% Plans Completed
FDEP CCCL Permit Received
Plans Completed
Army Corps Permit Received
Bidding
Construction Notice to Proceed

May 2019
May 2019
March 2020
June 2020
September 2020
October 2020
January 2021

Project Adjustment:

Updated council actions and status to include NTP, received bids higher than estimate



PW-COS-17

Project:

16th Avenue Off-Beach Parking & Beach Access

Scope:

Design, permitting and construction of a small paved off-beach parking area with ADA parking spaces and an ADA compliant beach access structure within the county owned ROW at the east end of 16th Ave. in New Smyrna Beach. Other amenities include a shower and a bike rack.

Design:

Start: 1st Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Construction:

Start: TBD

Finish: TBD

Project Cost:

\$ 168,643	Design
\$ 500,000	Construction
\$ 668,643	Total

Funding Sources:

\$ 668,643 Beach Capital

Council Actions:

- | | |
|--|-----------------|
| 1. Approval of TA for parking lot design | October 2, 2018 |
| 2. Approval of paved parking | June 2019 |

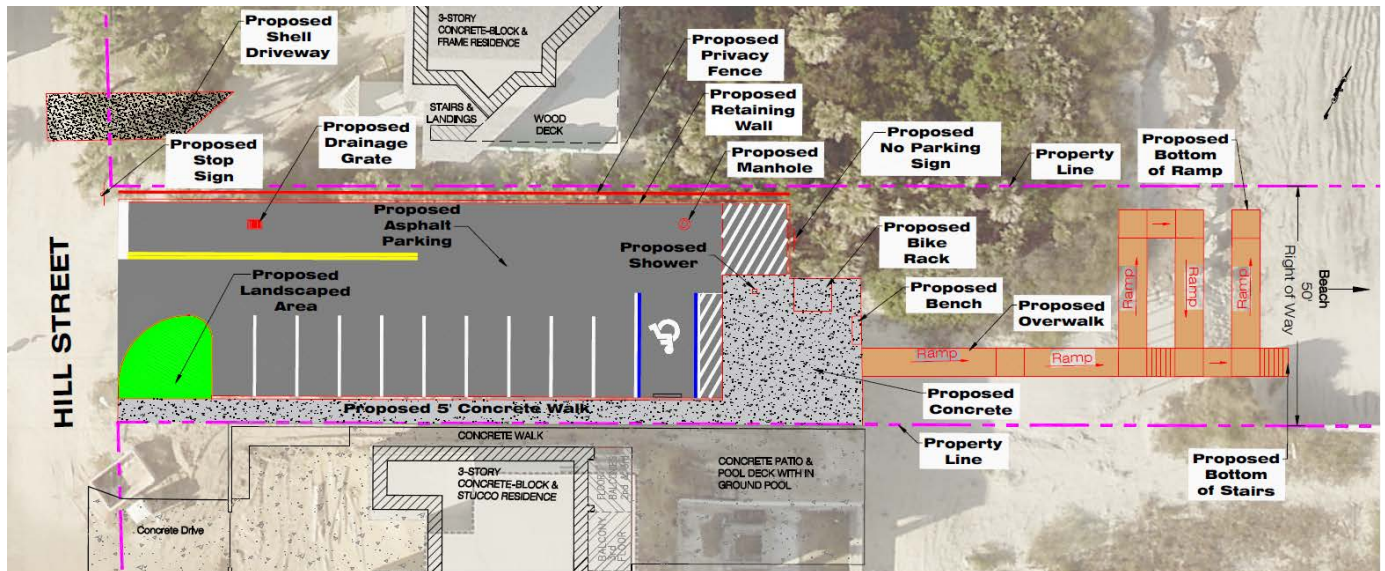
Status:

Design task assignment issued	October 2018
Topographic survey completed	November 2018
Conceptual design completed	February 2019
Alternatives for cost comparison	April 2019
Pre-Application Meeting f/ FDEP	July 2019
30% Plans Completed	September 2019
FDEP CCCL Permit Submitted	November 2019
FDEP Stormwater Permit Submitted	November 2019
60% plans completed	January 2020
FDEP Stormwater Permit Received	March 2020
Petition for Administrative Hearing Received	April 2020
Plans Completed	September 2020
FDEP CCCL Permit Received	September 2020
Construction pending administrative hearing outcome	

PW-COS-17 (Continued)

Project Adjustment:

Updated project status and construction schedule.



PW-COS-18

Project:

Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave., Daytona Beach Shores)

Scope:

Design, permitting and construction of a beachfront park with 102 parking spaces including 6 ADA compliant parking stalls. Other amenities include a restroom, playground equipment, fitness stations, showers, bike racks, grills and an ADA dune walkover.

Design:

Start: 1st Qtr. – FY 15/16

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

\$ 181,100	Design
<u>\$ 1,800,951</u>	<u>Construction</u>
\$ 1,982,051	Total

Funding Sources:

\$ 1,982,051 Beach Capital

Council Actions:

- | | |
|---|----------------------|
| 1. Approval of TA for design | November 2015 |
| 2. Agreement reached between DBS and County | August 2018 |
| 3. Naming of Edwin W. Peck, Sr. Park | December 2018 |
| 4. Approval of construction contract | December 2020 |

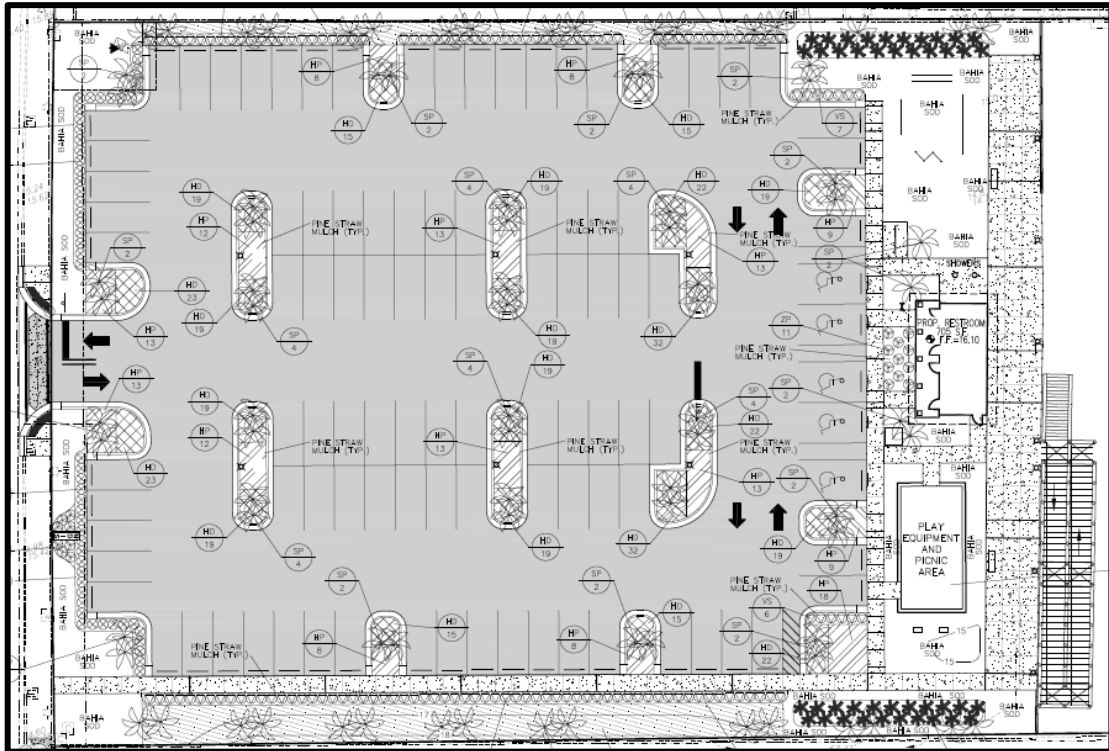
Status:

Design task assignment issued	November 2015
Amendment to design TA	December 2018
Topographic survey completed	January 2019
Geotechnical testing completed	April 2019
30% plans completed	April 2019
60% plans completed	June 2019
CCCL Permit Application Submitted	August 2019
100% plans completed	October 2019
FDEP Stormwater Permit Received	December 2019
3 rd Party Plan review complete	May 2020
CCCL Permit Received	June 2020
CCCL Armoring Permit Received	September 2020
Bidding	September 2020
Construction NTP	February 2021

PW-COS-18 (Continued)

Project Adjustment:

Updated council actions and status to include NTP.



PW-COS-19

Project:

Dahlia Ave. Park (3621 S. Atlantic Ave., Daytona Beach Shores)

Scope:

Design, permitting and construction of a beachfront park with 61 parking spaces including 3 ADA compliant parking stalls. Other amenities include a restroom, playground equipment, picnic pavilions, showers, bike racks, grills and an ADA dune walkover. Construction will include demo of existing structures.

Design:

Start: 1st Qtr. – FY 15/16

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

\$ 138,600	Design
\$ 1,062,562	Construction
<hr/>	
\$ 1,201,162	Total

Funding Sources:

\$ 1,201,162 Beach Capital

Council Actions:

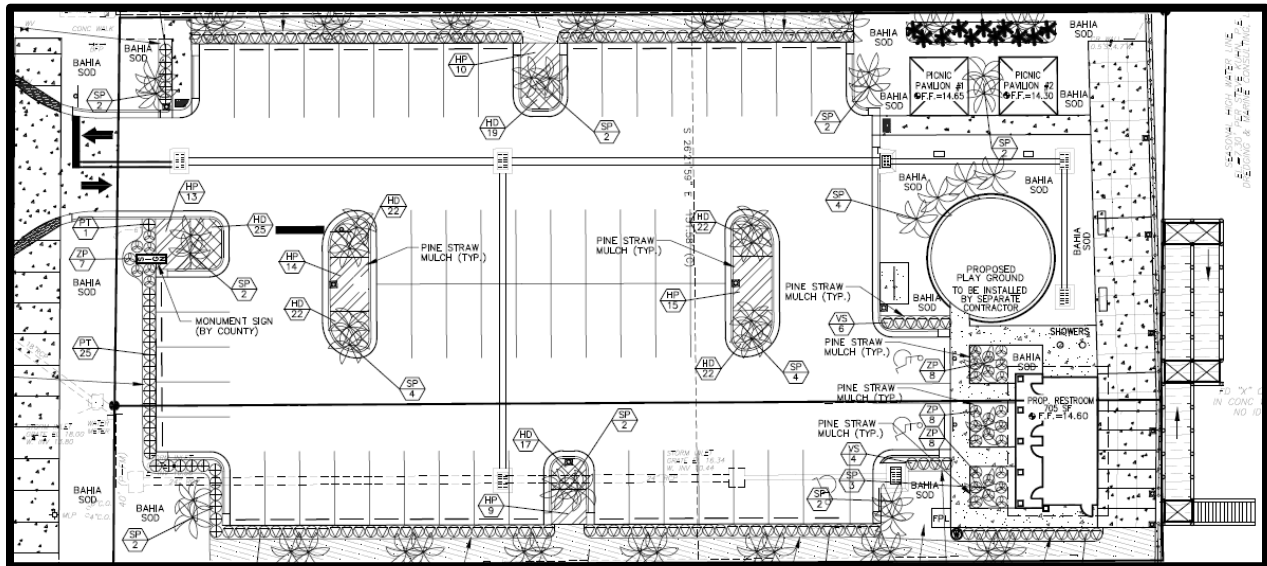
- | | |
|---|---------------|
| 1. Approval of TA for design | November 2015 |
| 2. Agreement reached between DBS and County | August 2018 |
| 3. Approval of construction contract | January 2021 |

Status:

Design task assignment issued	November 2015
Amendment 1 to design TA	February 2016
Amendment 2 to design TA	December 2018
Topographic survey completed	January 2019
Geotechnical testing completed	April 2019
30% plans completed	April 2019
60% plans completed	June 2019
CCCL Permit Application Submitted	August 2019
100% Plans completed	October 2019
FDEP Stormwater permit received	December 2019
3 rd Party Plan Review Complete	May 2020
CCCL Permit Received	June 2020
CCCL Armoring Permit Received	September 2020
Bidding	September 2020
Construction Notice to Proceed	January 2021

Project Adjustment:

Updated council actions and status to include NTP.



PW-COS-20

Project:

International Speedway Boulevard Ramp Improvements – Daytona Beach

Scope:

Design and permitting of upgrades to the ISB beach ramp including; new hardscape, lighting, landscaping, utilities and replacement of the existing restroom.

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 21/22

Construction:

Start: TBD

Finish: TBD

Project Cost:

\$ 229,540 Design

Funding Sources:

\$ 229,540 Beach Capital

Council Actions:

1. Approval of TA for Design

January 21, 2020

Status:

Project Kick-Off Meeting

February 2020

Conceptual Plan Complete

March 2020

Rendering and Perspective Completed

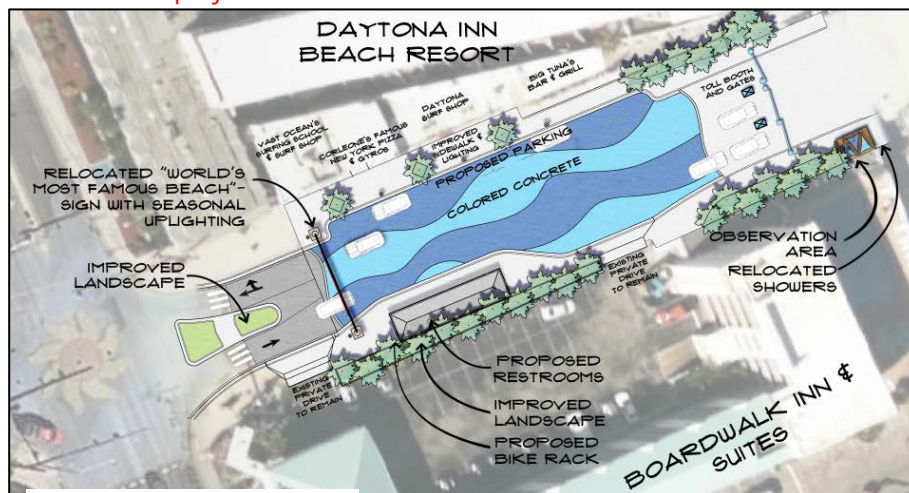
September 2020

Roundabout Eliminated

December 2020

Project Adjustment:

Updated status and project cost.



Preliminary Conceptual

PW-COS-21

Project:

Silver Beach Ave. Beach Ramp Improvements – Daytona Beach

Scope:

Design and permitting of upgrades to the Silver Beach Ave. Beach Ramp including; new hardscape, landscaping, utilities and replacement of the existing restroom.

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

Start: TBD

Finish: TBD

Project Cost:

\$ 142,085 Design

\$ 650,000 Construction

\$ 792,085 Total

Funding Sources:

\$ 792,085 Beach Capital

Council Actions:

1. Approval of TA for Design

February 18, 2020

Status:

NTP Issued

March 2020

Conceptual Plan Complete

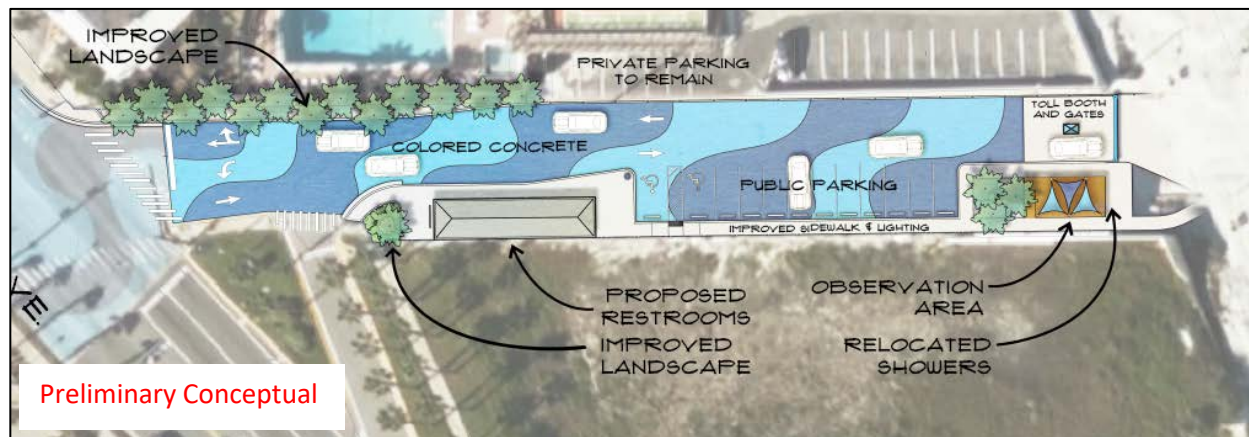
April 2020

Rendering and Perspective Completed

September 2020

Project Adjustment:

N/A



PW-COS-22

Project:

University Blvd. Beach Ramp Improvements – Daytona Beach

Scope:

Design and permitting of upgrades to the University Blvd. Beach Ramp including; new hardscape, landscaping, utilities and addition of a family style restroom. Protogroup to fund or construct new restroom.

Design:

Start: 4th Qtr. – FY 19/20

Finish: 4th Qtr. – FY 20/21

Construction:

Start: 1st Qtr. – FY 21/22

Finish: 4th Qtr. – FY 21/22

Project Cost:

\$ 116,000	Design
\$ 690,000	Construction
\$ 806,000	Total

Funding Sources:

\$ 516,000	Beach Capital
\$ 290,000	Protogroup Escrow Agreement
\$ 806,000	Total

Council Actions:

1. Approval of TA for Design	August 4, 2020
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Status:

NTP Issued	August 2020
Conceptual Plan	December 2020

Project Adjustment:

Updated status.

PW-COS-23

Project:

27th Ave. Beach Ramp Replacement – New Smyrna Beach

Scope:

Design, permitting and construction of the vehicular beach access ramp located at the east end of the 27th Ave. right-of-way in New Smyrna Beach. The existing structure has exceeded its life expectancy and beach erosion at the eastern terminus of the structure often creates a drop-off rendering the ramp unusable to vehicles.

Design:

Start: 2nd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 1st Qtr. – FY 21/22

Finish: 2nd Qtr. – FY 21/22

Project Cost:

\$ 114,576	Design
<u>\$ 652,516</u>	<u>Construction</u>
\$ 767,092	Total

Funding Sources:

\$ 767,092 Beach Capital

Council Actions:

1. Approval of TA for Design	February 20, 2018
2. Approval of Construction Contract	February 2, 2021

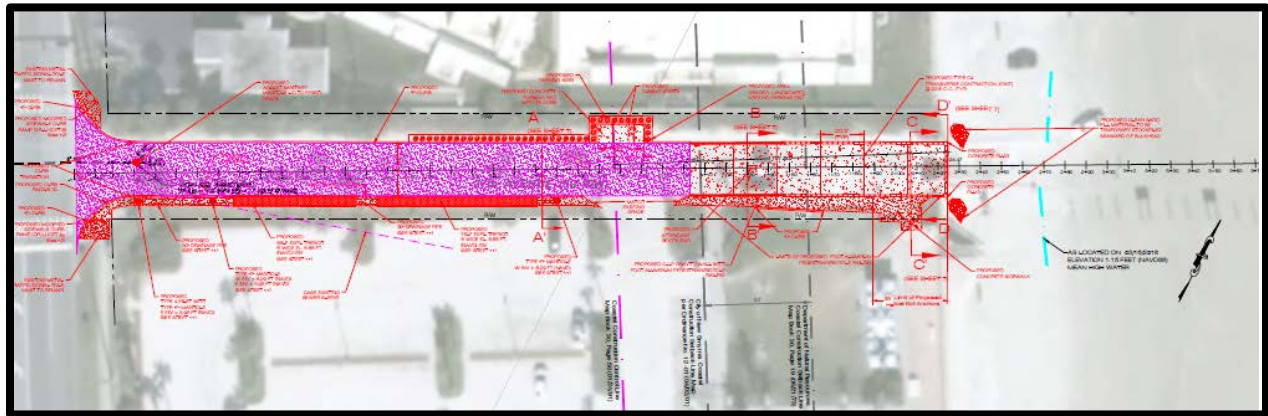
Status:

Design TA Issued	February 2018
Survey & Geotechnical Work	April 2018
30% Plans Completed	June 2018
FDEP CCCL Permit Application Submitted	July 2018
FDEP CCCL Permit Received	December 2018
60% Plans Completed	January 2019
Plans Completed	April 2019
Bidding	October thru December 2020
Council Approval of Construction Contract	February 2021
Pre-Construction Meeting	February 2021
Long Lead NTP	March 2021
Construction postponed until Fall 2021 due to availability of sheet pilings and sea turtle nesting season.	

Project Adjustment:

New project sheet.

PW-COS-23 (Continued)



PW-DTT-6

Project:

Thornby Park Water Quality Improvement Project

Scope:

The Thornby Park Water Quality Improvement Project includes the evaluation of the stormwater outfall near Thornby Park in Deltona to design an upflow nutrient filtration system as well as a nutrient separating baffle box for the treatment of the stormwater prior to discharge into Lake Monroe (St. Johns River). The proposed stormwater treatment system will provide sediment and nutrient removal that enhances water quality discharging to Middle St. Johns River, an impaired water body.

Acquisition:

N/A

Design:

Start: 4th Qtr. – FY 17/18

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 4th Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Project Cost:

\$ 109,375	Design and Permitting
\$ 29,800	Post-Design
<u>\$ 359,107</u>	<u>Construction</u>
\$ 498,282	Total

Funding Sources:

\$ 181,303	Stormwater Utility
\$ 75,000	SJRWMD grant
<u>\$ 241,979</u>	<u>FDEP grant</u>
\$ 498,282	Total

Council Actions:

- | | |
|---|-----------------|
| 1. Task assignment for design and permitting | August 21, 2018 |
| 2. Cost-share agreement with SJRWMD | August 6, 2019 |
| 3. Cost-share agreement with FDEP and construction contract award | July 21, 2020 |

Status:

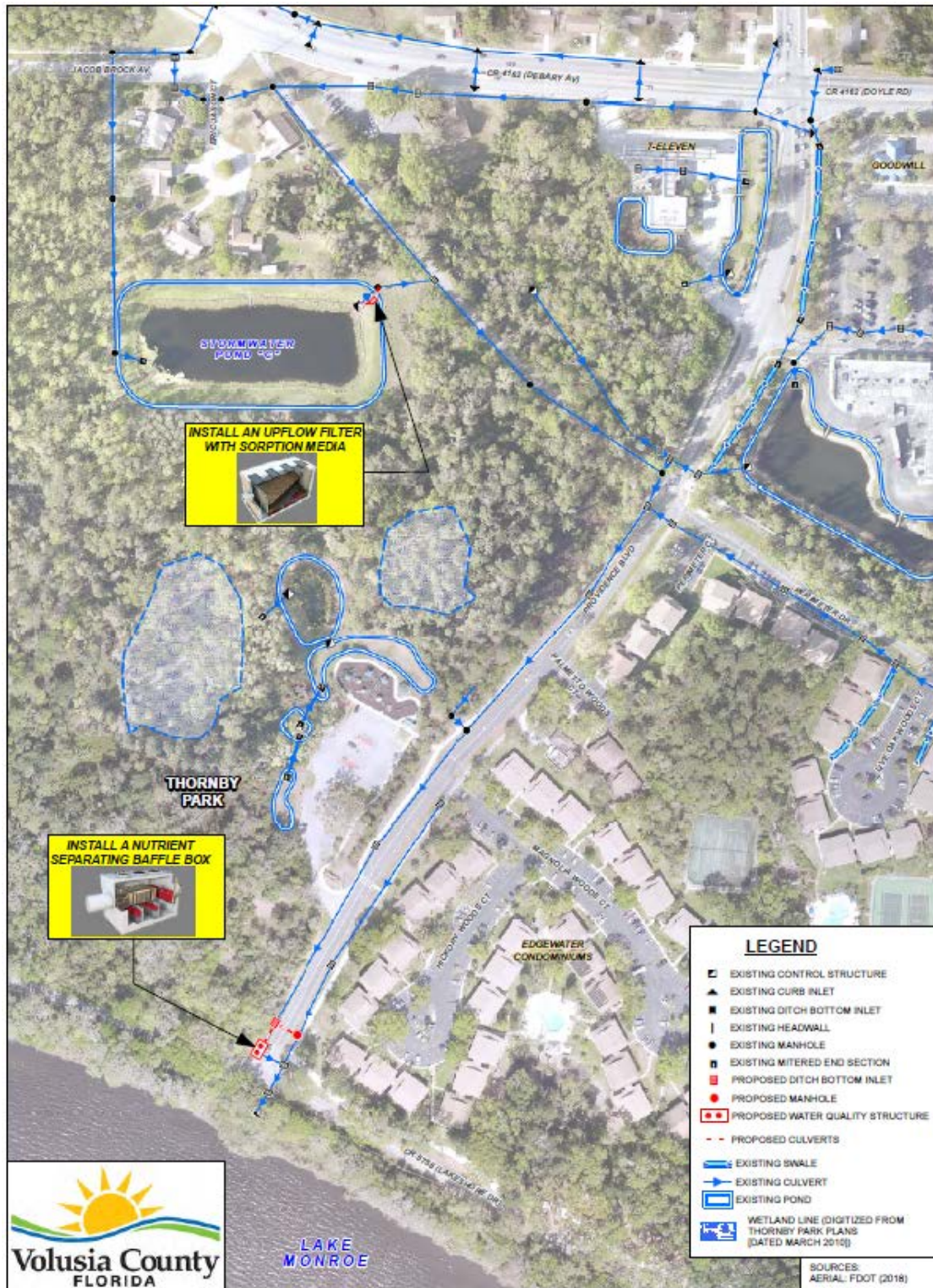
Construction complete.

Project Adjustment:

Updated project status to complete.

PW-DTT-6 (Continued)

Thornby Park Water Quality Improvements Project



PW-DTT-07

Project:

Lake Beresford/Lakeside Drive Stormwater Improvement Project

Scope:

The Lake Beresford/Lakeside Drive Stormwater Improvement Project is located in the DeLand area and was identified in the St. Johns River Outfall Study as a priority water quality improvement project. The project will construct a stormwater treatment facility that will reduce nutrient loading and improve the quality of stormwater prior to discharge into Lake Beresford and the St. Johns River, an impaired waterbody.

Acquisition:

Completed

Design:

Start: 4th Qtr. – FY 18/19

Finish: 1st Qtr. – FY 20/21

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$ 228,700	Land Acquisition
\$ 78,272	Design & Permitting
<u>\$ 508,195</u>	Construction
\$ 815,167	Total

Funding Sources:

\$ 536,667	Stormwater Utility
<u>\$ 278,500</u>	FDEP grant
\$ 815,167	Total

Council Actions:

1. Land purchase	June 4, 2019
2. Task assignment for design and permitting	June 18, 2019
3. Cost-share agreement with FDEP	October 20, 2020
4. Construction contract award	January 7, 2021

Status:

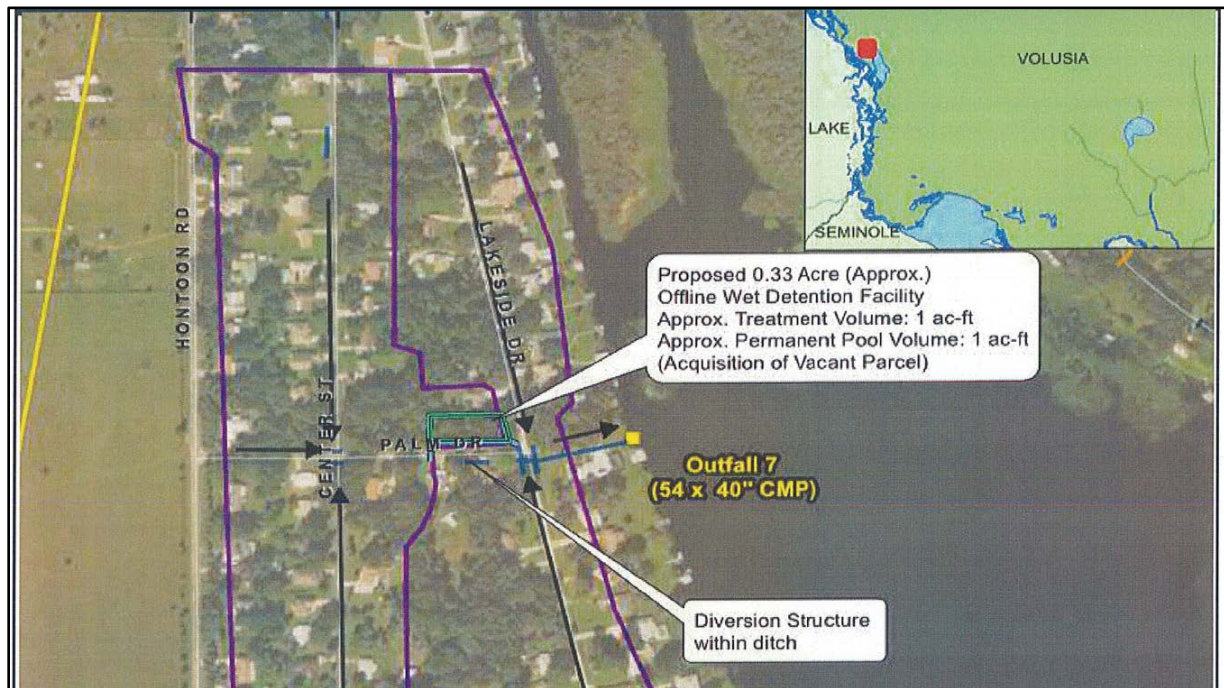
Construction is underway February 2021.

Project Adjustment:

Project cost updated to reflect contract award amount with council action information, and status updated.

PW-DTT-07 (Continued)

Lake Beresford/Lakeside Drive Stormwater Improvement Project in the DeLand area



PW-DTT-8

Project:

Gabordy Canal at 10th Street Stormwater Treatment Facility

Scope:

The Gabordy Canal at 10th Street Stormwater Treatment Facility in the New Smyrna and Edgewater area is identified within the Mosquito Lagoon Reasonable Assurance Plan as a project that will contribute to the reduction of nutrient loading into the Mosquito Lagoon. This project entails the installation of a nutrient removal treatment facility that will provide treatment for base flow and roadway stormwater runoff that is conveyed by the Gabordy Canal prior to its discharge into the Mosquito Lagoon. This project will be co-located on the same parcel of land that was acquired for the stormwater treatment pond that is part of the 10th Street Road Widening Project.

Acquisition:

Completed

Design:

Start: 1st Qtr. – FY 19/20

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 1st Qtr. – FY 22/23

Project Cost:

\$ 199,960	Design & Permitting
<u>\$ 3,000,000</u>	<u>Construction (estimated)</u>
\$ 3,199,960	Total

Funding Sources:

\$ 99,980	Indian River Lagoon Council grant (design)
\$ 1,911,784	SJRWMD grant (construction)
<u>\$ 1,188,196</u>	<u>Stormwater Utility (grant match and cost-share)</u>
\$ 3,199,960	Total

Council Actions:

1. Land exchange	October 2, 2018
2. Cost-share agreement with the Indian River Lagoon Council	August 6, 2019
3. Task assignment for design and permitting	September 17, 2019
4. Cost-share agreement with SJRWMD	March 2, 2021

Status:

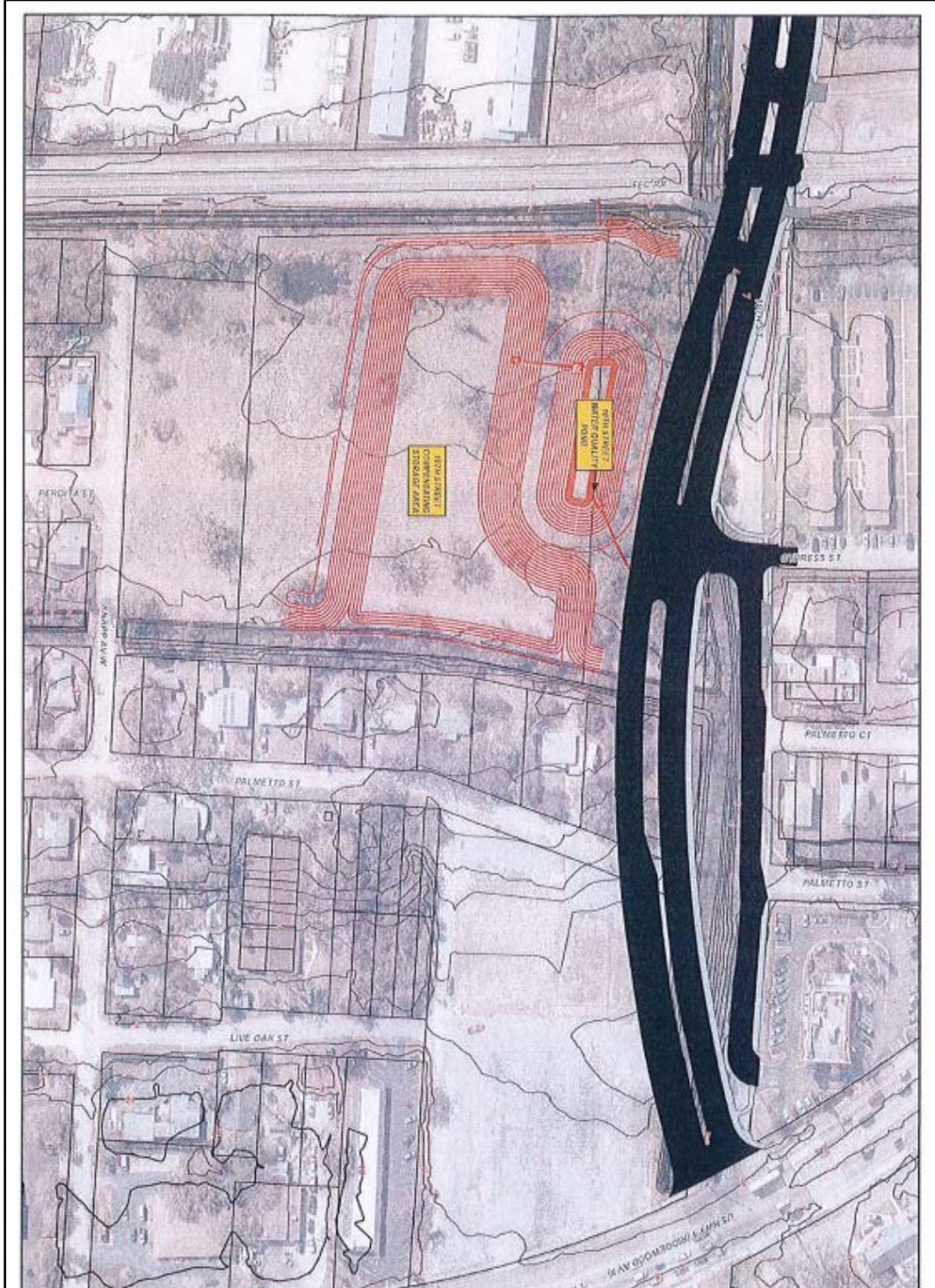
The project will be bid for construction during the second quarter of FY 20/21. The County was awarded a \$1,911,784 cost-share grant from the St. Johns River Water Management District and the agreement was presented to Council for approval on March 2, 2021. An additional grant funding application was submitted to the Florida Department of Environmental Protection and the award results are pending.

PWW-DTT-8 (continued)

Project Adjustment:

Schedule and status updated for grant funding activity.

Gabordy Canal at 10th Street Stormwater Treatment Facility in New Smyrna Beach and Edgewater



PW-DTT-9

Project:

Ariel Canal Water Quality Improvement Project

Scope:

The Ariel Canal Water Quality Improvement Project is identified within the Mosquito Lagoon Reasonable Assurance Plan as a project that will contribute to the reduction of nutrient loading into the Mosquito Lagoon. This project is located in Riverbreeze Park in the Oak Hill area and entails the relocation of the existing upstream diversion weir, modifications to the two existing stormwater ponds, and construction of an inter-event treatment system for the purpose of providing water quality and nutrient load reduction to the stormwater runoff conveyed by the Ariel Canal prior to discharge into the Mosquito Lagoon.

Acquisition:

Start: 1st Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 20/21

Design:

Start: 1st Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Construction:

Start: 3rd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 21/22

Project Cost:

\$ 74,715	Engineering Evaluation
\$ 124,630	Design & Permitting and Cultural Resource Assessment
\$ 54,000	Land Acquisition
<u>\$ 1,800,000</u>	<u>Construction (estimated)</u>
\$ 2,053,345	Total

Funding Sources:

\$ 703,345	Stormwater Utility (grant cost-share)
\$ 900,000	FDEP grant (construction)
<u>\$ 450,000</u>	<u>SJRWMD grant (construction)</u>
\$ 2,053,345	Total

Council Actions:

1. Engineering evaluation	March 5, 2019
2. Task assignment for design and permitting	October 1, 2019
3. Cost-share agreement with FDEP	October 6, 2020
4. Land purchase agreement	March 2, 2021
5. Cost-share agreement with SJRWMD	March 2, 2021

PW-DTT-9 (Continued)

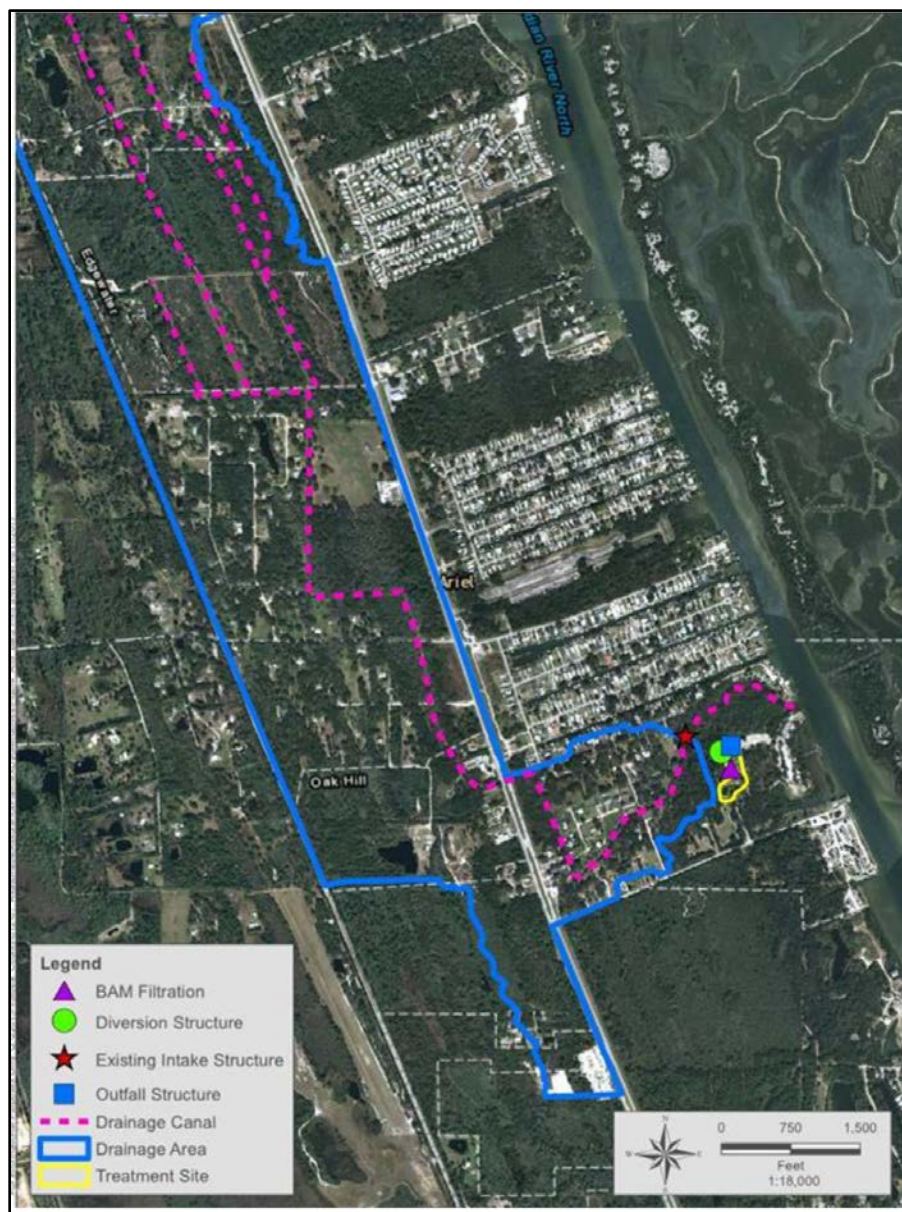
Status:

Design is underway and is requiring additional tasks to ensure cultural resources compliance. The County was awarded a \$450,000 cost-share grant from the St. Johns River Water Management District and the agreement was presented to Council for approval on March 2, 2021.

Project Adjustment:

Acquisition, schedules and status updated.

Ariel Canal Water Quality Improvement Project in Riverbreeze Park, Oak Hill area



PW-ENG-5061

Project:

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

Scope:

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

Acquisition:

ROW acquired

Design:

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 4th Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 21/22

Project Cost:

\$ 1,232,288	Acquisition
\$ 1,502,700	Design
<u>\$ 15,973,192</u>	<u>Construction</u>
\$ 18,708,180	Total

Funding Sources:

\$ 9,072,929	Local Option Gas Tax
\$ 2,800,000	CBIR Grant – State grant
\$ 1,500,000	Impact Fees
\$ 962,660	Utility Commission of New Smyrna Beach
<u>\$ 4,372,591</u>	<u>Bond Funding</u>
\$ 18,708,180	Total

Council Actions:

1. CBIR state grant	May 7, 2009
2. Design awarded	March 18, 2010
3. Amended design award	April 7, 2011
4. Task Assignment Amendment	September 10, 2015
5. Agreement for Exchange of Real Property – BG Edgewater, LLC (trade pond location for alternate site)	October 2, 2018
6. Task Assignment Amendment	October 2, 2018
7. FEC Agreement – Railroad Bridge	February 4, 2020
8. FEC & City of NSB Agreement – Railroad Crossing	February 4, 2020
9. City of NSB Agreement – ROW & Maintenance	February 4, 2020
10. Construction Contract Award	March 3, 2020
11. CEI Selection	March 17, 2020
12. Task Assignment Amendment	August 4, 2020

PW-ENG-5240

Project:

Howland Blvd Widening – Providence Blvd to Elkcarn Blvd in Deltona

Scope:

2 lane to 4 lane widening

Acquisition:

Need ROW for storm ponds

Start: 3rd Qtr FY 17/18

Finish: 2nd Qtr FY 19/20

Design:

Start: 2nd Qtr. – FY 16/17

Finish: 4th Qtr. – FY 18/19

Construction:

Start: 1st Qtr. – FY 19/20

Finish: 1st Qtr. – FY 21/22

Project Cost:

\$ 2,260,926	Acquisition
\$ 1,012,763	Design
<u>\$ 14,115,503</u>	<u>Construction</u>
\$ 17,389,192	Total

Funding Sources:

\$ 5,223,689	Bond Funding
\$ 79,356	Proportionate Fair Share
\$ 680,935	Volusia County Utilities
\$ 1,135,199	Deltona Water
<u>\$ 10,270,012</u>	<u>Local Option Gas Tax</u>
\$ 17,389,192	Total

Council Actions:

1. Design Consultant Contract Approval	October 19, 2017
2. ROW Acquisition – Pond 2 (partial)	November 13, 2018
3. ROW Acquisition – Pond 3 (partial)	December 18, 2018
4. Design Consultant Contract Amendment	March 5, 2019
5. ROW Acquisition – Pond 3 (partial)	March 19, 2019
6. JPA with City of Deltona for Utility Const	December 10, 2019
7. Construction Contract Award	April 7, 2020
8. CEI Consultant Selection	May 5, 2020
9. CEI Consultant Contract Approval	June 16, 2020
10. Design Consultant Contract Amendment	October 6, 2020

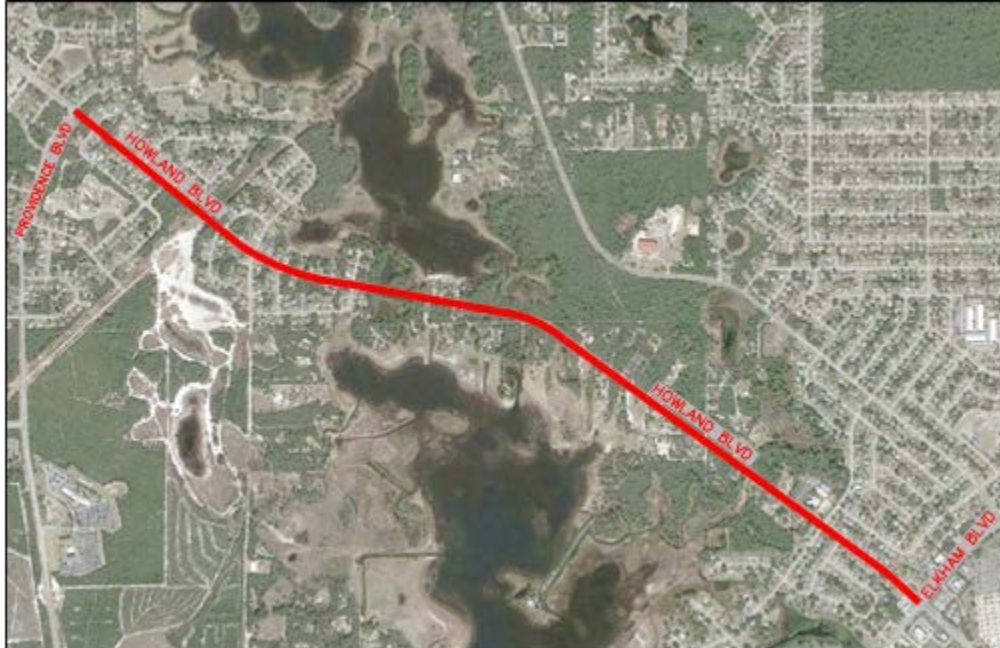
PW-ENG-5240 (Continued)

Status:

Construction underway.
Acquiring additional easements for grading.

Project Adjustment:

Updated Council Actions.



PW-ENG-5351-1

Project:

Veterans Memorial Bridge - Bridge replacement in Daytona Beach

Scope:

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

Acquisition:

Completed

Design:

Completed

Construction:

Start: 3rd Qtr. – FY 15/16

Finish: 3rd Qtr. – FY 19/20

Project Cost:

\$ 3,100,000 Design

\$ 45,267,299 Construction

\$ 48,367,299 Total

Funding Sources:

\$ 47,954,235 LAP Grant - FDOT

\$ 294,668 Local Option Gas Tax (seeking LAP Grant funding)

\$ 118,396 Local Option Gas Tax

\$ 48,367,299 Total

Council Actions:

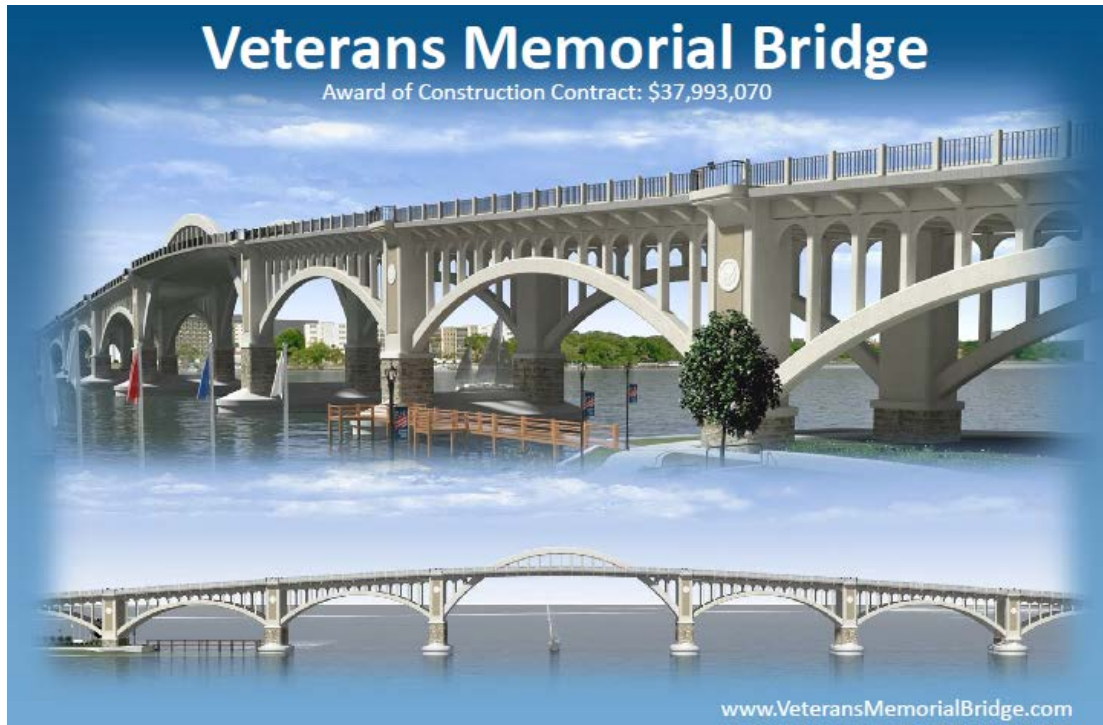
- | | |
|-------------------------------------|-------------------|
| 1. LAP Grant - Design | May 19, 2011 |
| 2. LAP Grant – Construction | May 7, 2016 |
| 3. Construction award | February 18, 2016 |
| 4. LAP Grant – Construction Amended | June 16, 2016 |
| 5. LAP Grant – CEI Supplemental | April 2, 2019 |
| 6. CEI Contract Amendment | April 2, 2019 |
| 7. CEI Contract Amendment | April 7, 2020 |
| 8. LAP Grant – CEI Supplemental | May 5, 2020 |
| 9. Change Order – Construction | July 21, 2020 |
| 10. Change Order – Construction | January 19, 2021 |
| 11. CEI Contract Amendment | January 19, 2021 |

Status:

Complete pending punch list items.

Project Adjustment:

Updated project costs, Council actions and status.



PW-ENG-5395

Project:

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

Scope:

2-lane to 4-lane widening and convert signalized intersection to 2 lane roundabout

Acquisition:

ROW donation agreement approved. Deeds pending approval of legal descriptions.

Design:

Start: 2nd Qtr. – FY 16/17

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 21/22

Project Cost:

\$ 852,747	Acquisition
\$ 977,850	Design
<u>\$ 10,929,778</u>	<u>Construction</u>
\$ 12,760,375	Total

Funding Sources:

\$ 4,217,747	Impact Fees
\$ 234,001	Proportionate Fair Share
\$ 1,417,124	Local Option Gas Tax
\$ 1,187,857	City of DeLand Utilities
<u>\$ 5,703,646</u>	<u>Bond Funding</u>
\$ 12,760,375	Total

Council Actions:

1. Design Consultant Contract Approval	November 16, 2017
2. Design Consultant Contract Amendment	August 20, 2019
3. Wetland Mitigation Agreement	November 19, 2020
4. JPA with City of DeLand for Utility Const	December 10, 2019
5. Agreement with City of DeLand and OK Victoria Park LLLP	December 10, 2019
6. Wetland Mitigation Agreement	January 9, 2020
7. Resolution of ROW Payment to FDOT	January 21, 2020
8. Construction Contract Award	June 16, 2020
9. CEI Consultant Selection	June 16, 2020
10. CEI Consultant Contract Approval	August 25, 2020
11. Design Contract Extension	October 20, 2020

PW-ENG-5395 (Continued)

Status:

Construction underway.

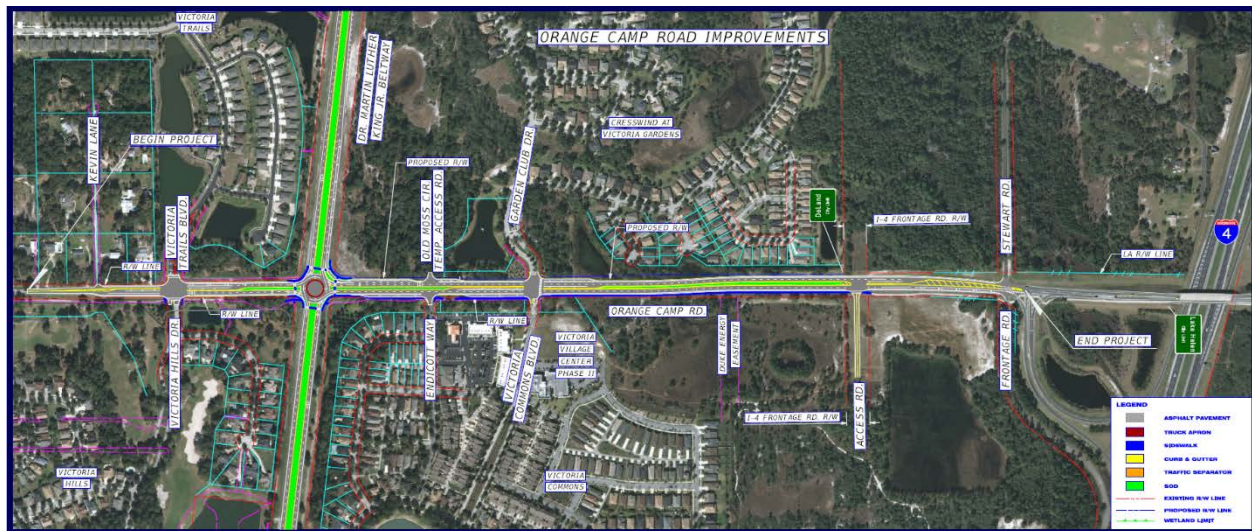
Preconstruction meeting October 1st. Construction Notice to Proceed October 12th.

Public meeting - July 2018 at Victoria Gardens Country Club

JPA for utility relocations with City of DeLand executed.

Project Adjustment:

Updated Council actions and status.



PW-ENG-5511-3

Project:

Spring to Spring Phase 3B – Rob Sullivan Park to Dirksen Drive/US 17/92

Scope:

12' wide multi-use trail part of the River to Sea Loop

Acquisition:

None

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$ 3,070,018

Funding Sources:

\$ 227,200	ECHO Trail Funds
\$ 272,160	LAP Grant – FDOT
<u>\$ 2,570,658</u>	<u>SUN Trail Grant</u>
\$ 3,070,018	Total

Council Actions:

- | | |
|-------------------------------------|-------------------|
| 1. LAP Grant Approval – Design | April 6, 2017 |
| 2. Supplemental LAP Grant Agreement | December 18, 2018 |
| 3. SUN Trail Grant Agreement | May 21, 2019 |
| 4. Tri-party Agreement | May 19, 2020 |

Status:

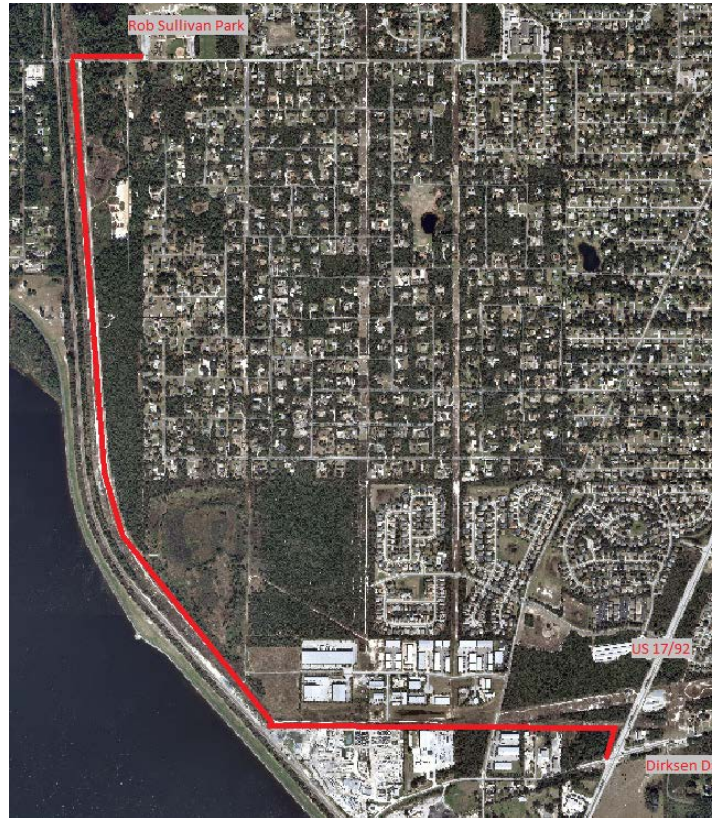
Construction underway.

Tri-party agreement with City of DeBary and Duke executed.

Project Adjustment:

Construction schedule updated.

PW-ENG-5511-3 (Continued)



PW-ENG-5779

Project:

Beresford Ave Extension - Blue Lake Ave to Kepler Rd/ Martin Luther King Jr. Pkwy in DeLand

Scope:

Construct a new 2-lane road extension and reconstruct Beresford Ave – Blue Lake Ave intersection. The County is acquiring the ROW needed west of Blue Lake Ave. The City of DeLand is acquiring a portion of the ROW needed between Blue Lake Ave. and Kepler Rd/ Martin Luther King Jr. Pkwy and a developer is donating the remainder of the ROW for that segment. The developer will construct the eastern portion of the road as part of their development. The County's construction of the remainder of the road will follow the completion of the developer built segment.

Acquisition:

Start: 4th Qtr. – FY 18/19

Finish: 4th Qtr. – FY 20/21

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 21/22

Construction:

Start: TBD – pending developer road segment completion.

Finish: TBD

Project Cost:

\$ 400,000	Design
<u>\$ 3,500,000</u>	<u>Construction</u>
\$ 3,900,000	Total

Funding Sources:

\$ 3,900,000	Impact Fees
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Council Actions:

Status:

City of DeLand has acquired ROW. Developer in process of donating ROW by plat. County is working with property owner to acquire ROW.

Developer road segment is in design and has been reviewed by County. Construction of this segment anticipated to begin by end of 2023 at the latest.

Project Adjustment:

Overall project update including scope, schedule and status.

PW-ENG-5779 (Continued)



PW-ENG-5797

Project:

Williamson Blvd - LPGA Blvd to Strickland Range Road in Daytona Beach

Scope:

2 lane to 4 lane widening

Acquisition:

Stormwater pond relocation agreement November 2019.

Design:

Plans originally completed in FY 11/12.

Update of plans:

Start: 3rd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 4th Qtr. – FY 18/19

Finish: 4th Qtr. – **FY 20/21**

Project Cost:

\$ 182,875	Design Update
<u>\$ 4,878,955</u>	<u>Construction</u>
\$ 5,061,830	Total

Funding Sources:

\$ 182,875	Local Option Gas Tax
\$ 2,917,391	Development Proportionate Fair Share
<u>\$ 1,961,564</u>	<u>Florida Job Growth Grant – FDEO</u>
\$ 5,061,830	Total

Council Actions:

1. Transportation Improvements Cost Allocation Agrmnt July 6, 2017
2. Florida Job Growth Grant – Construction March 6, 2018
3. Transportation Improvements Cost Allocation Agrmnt April 17, 2018
4. Task Assignment - Engineering Plans Update June 5, 2018
5. Task Assignment Amendment – Eng Plans Update March 19, 2019
6. Stormwater Pond Joint Use Agreement November 19, 2019
7. Wetland Impacts Mitigation Agreement November 19, 2019
8. Construction Contract Award December 10, 2019
9. Budget Resolution – PFS funds to replace LOGT funds March 3, 2020

PW-ENG-5797 (Continued)

Status:

Construction underway.

Project Adjustment:

Updated construction schedule.



PW-MSC-01

Project:

Marine Science Center Renovation

Scope:

Renovation of existing facility deficiencies to roof, electrical system, ADA accessibility, parking and water and sewer utilities over a period of 2 years.

Acquisition:

None

Design:

Start: 2nd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 3rd Qtr. – FY 18/19

Finish: 1st Qtr. – FY 20/21

Project Cost:

\$ 1,478,326

Funding Sources:

\$ 1,478,326

General Fund

Council Actions:

- | | |
|--|--------------------|
| 1. Electrical Study NTP issued | October 25, 2017 |
| 2. Amendment for Engineering & Architectural Design issued | March 2, 2018 |
| 3. Project included in adopted budget approved by council | September 18, 2018 |
| 4. Roof repair contract awarded | September 18, 2018 |
| 5. Electrical update contract awarded | April 16, 2019 |

Status:

Electrical update work underway
ADA scope being developed based on available funds
Roof repairs underway

Project Adjustment:

N/A

PW-MSC-01 (Continued)



PW-RB-1

Project:

Public Works Northeast Services Facility

Scope:

Proposed relocation of the Road & Bridge and Traffic Engineering services from their obsolete, flood prone facilities in Holly Hill to a drier, hardened facility with a better location.

Acquisition:

Southeast corner of US 92 and Colin Kelly Ave, Daytona Beach

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 18/19

Design:

Start: 1st Qtr. – FY 18/19

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 20/21

Project Cost:

\$ 286,998	Land
\$ 1,397,891	Design, permitting, and pre-construction
<u>\$ 10,025,821</u>	<u>Construction</u>
\$ 11,710,710	Total

Funding Sources:

\$ 9,710,710	Transportation Trust
<u>\$ 2,000,000</u>	<u>Stormwater Utility</u>
\$ 11,710,710	Total Public Works Service Center Fund

Council Actions:

1. Land purchase	October 30, 2018
2. A/E contract for \$892,066 to AECOM	November 13, 2018
3. Part A contract for \$104,250 to CM/GC firm, Ajax Building Co.	November 13, 2018
4. Part B contract & GMP for \$9,462,571 to Ajax Building Co.	January 21, 2020
5. Construction phase services for \$253,900 to AECOM	February 4, 2020

Status:

The project was completed in December 2020 ahead of its March 2021 projected completion date. A ribbon cutting ceremony was held on December 14, 2020.

Project Adjustment:

Updated project status to complete.

PW-RB-1 (continued)



PW-SW-4

Project:

Tomoka Farms Road Landfill – 1990 Tomoka Farms Rd., Port Orange
Citizens Convenience Improvement - Household Hazardous Waste Drop off area

Scope:

Canopies at the household hazardous waste area for covered storage for the paint exchange and household chemical reuse areas

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 18/19
Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 2nd Qtr. – FY 19/20
Finish: 3rd Qtr. – FY 20/21

Project Cost:

\$ 43,300 Design
\$ 347,595 Construction
\$ 390,895 Total

Funding Sources:

\$ 390,895 Solid Waste Funded

Council Actions:

1. Recommendation of Award November 5, 2019

Status:

Preparing task assignment for design
Task assignment has been approved.
Design is complete.
Recommendation of Award scheduled to go to Council November 5, 2019
Preconstruction meeting scheduled February 12, 2020
Notice to Proceed issued February 12, 2020

Project Adjustment:

The construction timeline was extended by two quarters to resolve fire suppression issues.

PW-SW-07

Project:

Tomoka Farms Road Landfill Class III Construction – Stormwater Improvements
1990 Tomoka Farms Road, Port Orange

Scope:

Class III stormwater improvements at the Tomoka Farms Road Landfill

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

\$	96,000	Design
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\$ 2,600,000 Construction Estimate

\$ 2,696,000 Total Estimate

Funding Sources:

\$	2,696,000	Solid Waste Funded
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Council Actions:

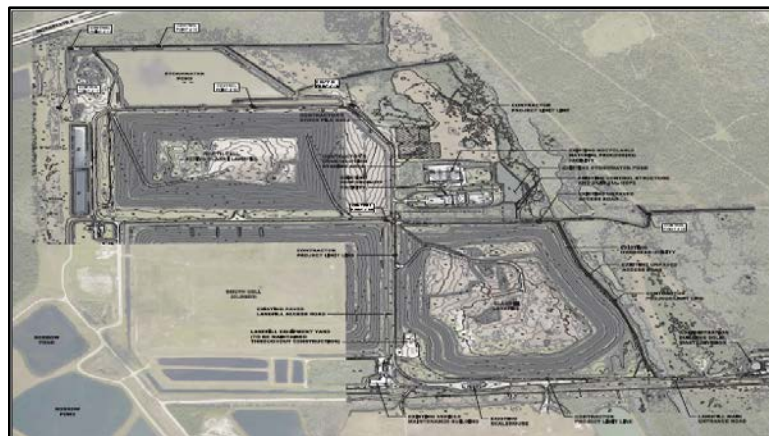
N/A

Status:

Pre-bid was held on January 5, 2021. The bid closed on January 28, 2021.

Project Adjustment:

New project



PW-SW-09

Project:

West Volusia Transfer Station Entrance Improvements, 3151 E. New York Ave., DeLand

Scope:

West Volusia Transfer Station entrance improvements to include adding a scale and bypass lane.

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Construction:

Start: 1st Qtr. – FY 21/22

Finish: 4th Qtr. – FY 21/22

Project Cost:

\$ 130,200	Design
<u>\$ 850,000</u>	<u>Construction Estimate</u>
\$ 980,200	Total Estimate

Funding Sources:

\$ 980,200 Solid Waste Funded

Council Actions:

1. Approval for design task assignment January 19, 2021

Status:

Design underway

Project Adjustment:

New project



PW-TE-10

Project:

Saxon Boulevard & Market Place in Orange City

Scope:

Traffic Signal Upgrade – Conversion from concrete poles diagonal span to mast arm box span

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Project Cost:

\$ 31,400	Design
<u>\$ 330,200</u>	<u>Construction</u>
\$ 361,600	Total

Funding Sources:

\$ 361,600 Local Option Gas Tax

Council Actions:

1. Approved FY 17/18 Budget

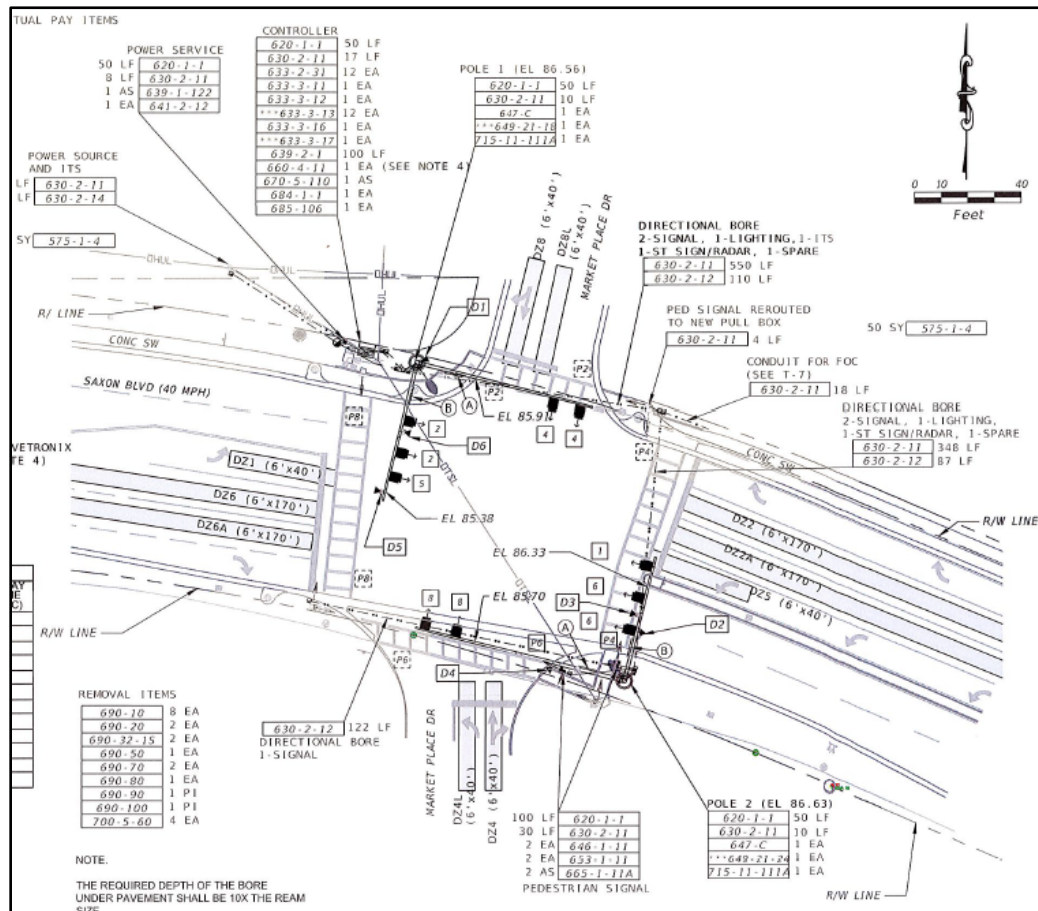
Status:

Design NTP 11/19/18. Design completed. Construction NTP 8/14/2020. Preliminary site work underway (i.e., conduit, power service, drilled shaft foundations). Waiting on mast arms to arrive for completion.

Project Adjustment:

Updated status

PW-TE-10 (Continued)



PW-TE-11

Project:

Williamson Boulevard & Bellevue Avenue Extension

Scope:

Traffic Signal Upgrade – Conversion from concrete poles to mast arms

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Project Cost:

\$ 34,903	Design
<u>\$ 396,724</u>	<u>Construction</u>
\$ 431,627	Total

Funding Sources:

\$ 431,627 Local Option Gas Tax

Council Actions:

1. Approved FY 19/20 Budget

Status:

Design NTP 11/15/2019, design completed. Construction NTP 6/19/2020. **Installation of the new mast arms, signals, signs and cabinet are completed. Awaiting new power service to be energized so the signal can be transferred to the new mast arms.**

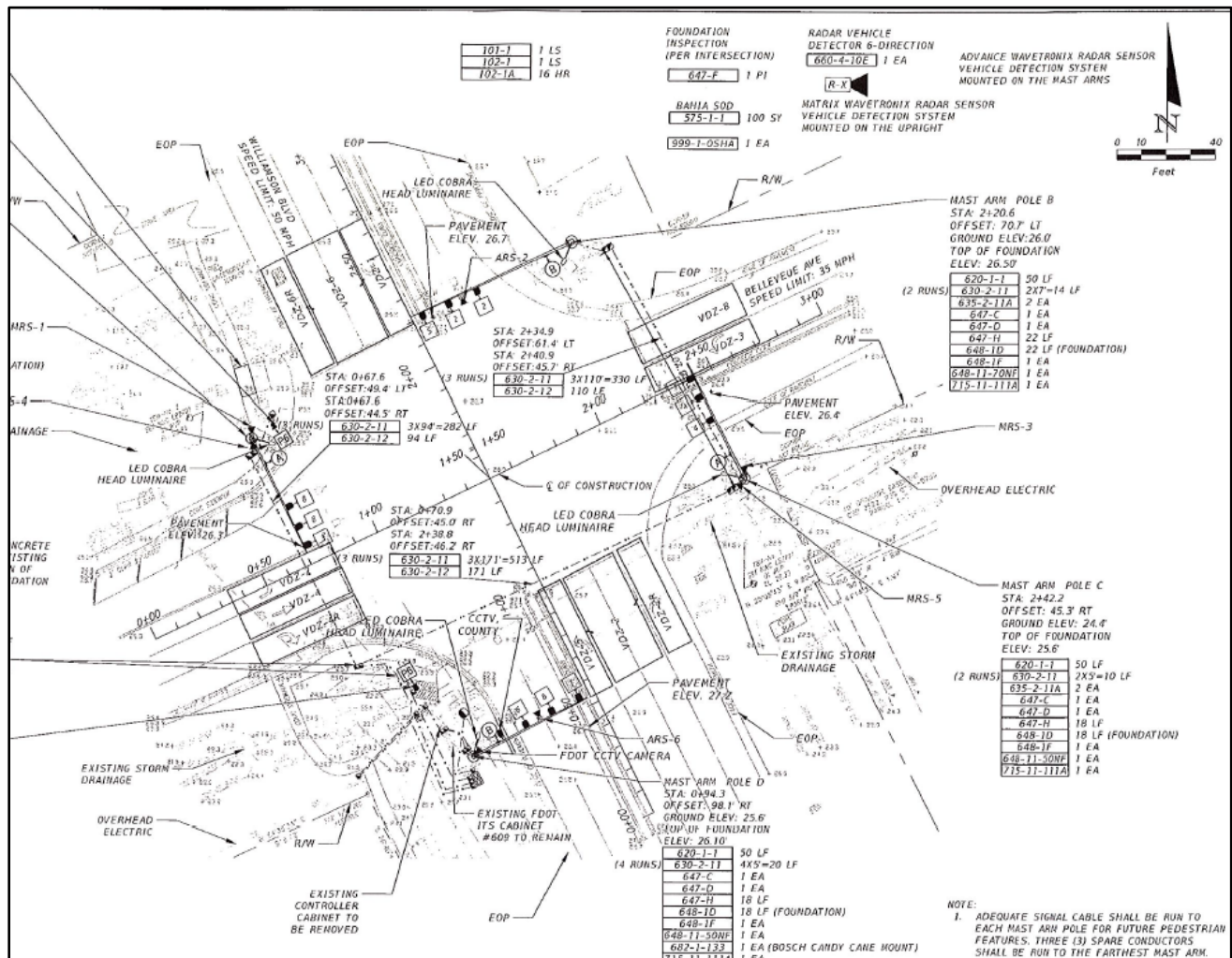
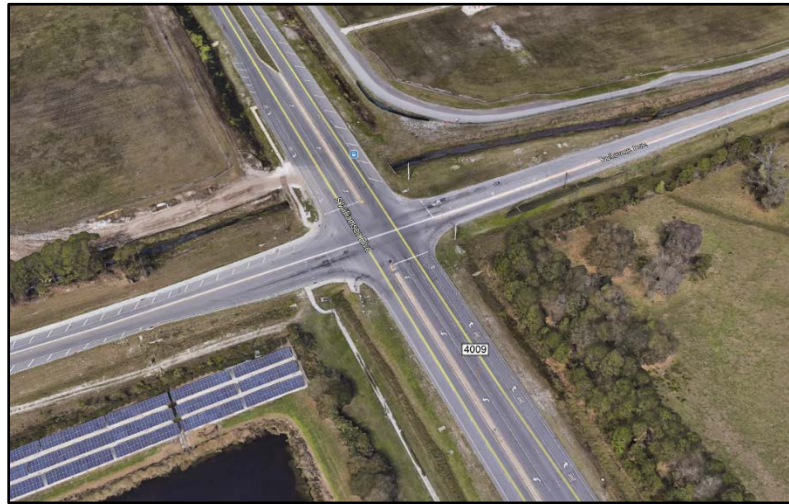
Project Adjustment:

Updated status.

FY 20/21 Q2 Update

Revised 012921

Intersection Aerial View:



PW-TE-12

Project:

Orange Camp Road & South Blue Lake Avenue

Scope:

New Traffic Signal – Based upon Signal Warrant Study (10/2018)

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Project Cost:

\$ 33,300	Design
<u>\$ 367,278</u>	<u>Construction</u>
\$ 400,578	Total

Funding Sources:

\$ 400,578 Local Option Gas Tax

Council Actions:

1. Approved FY 19/20 Budget

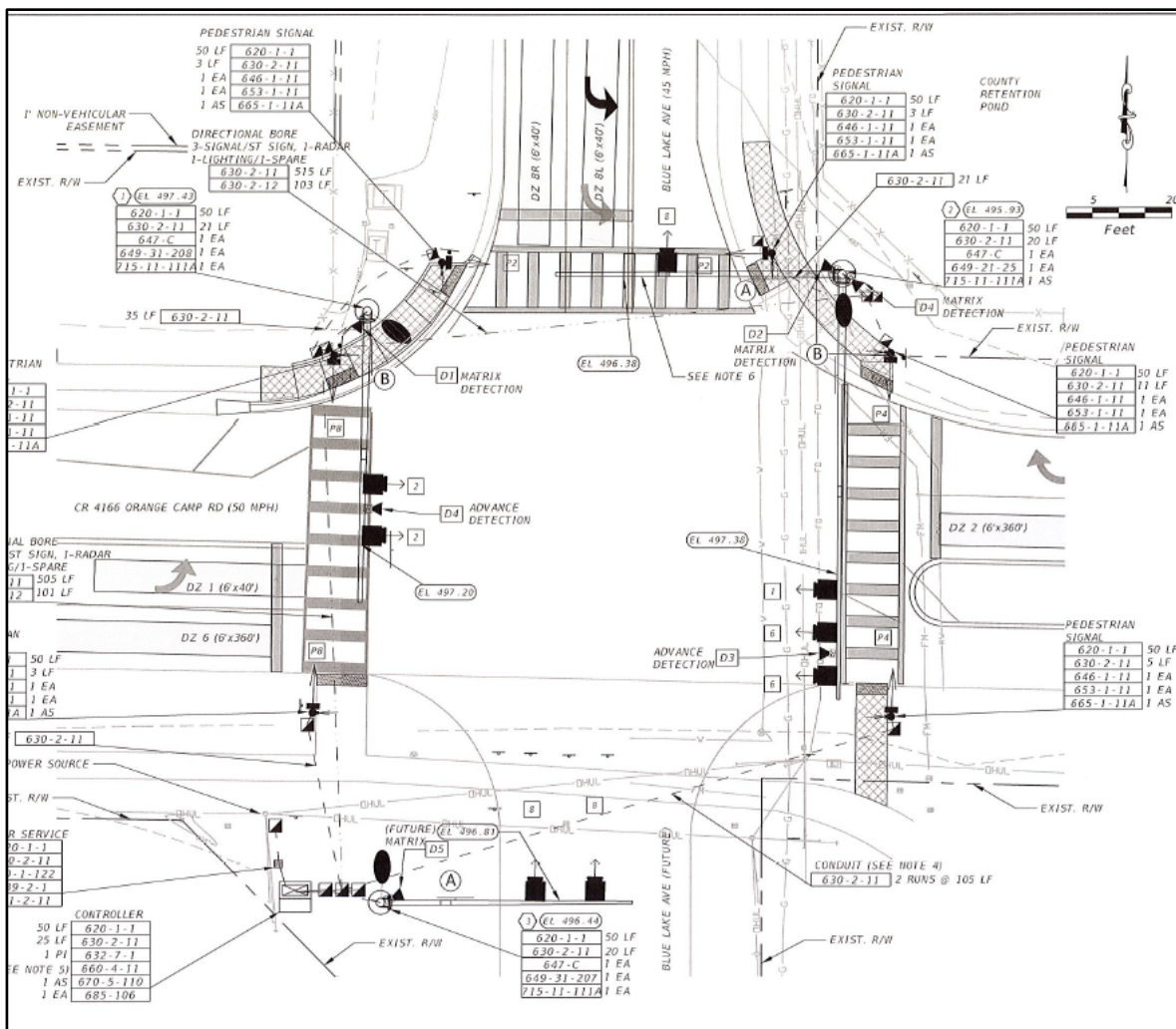
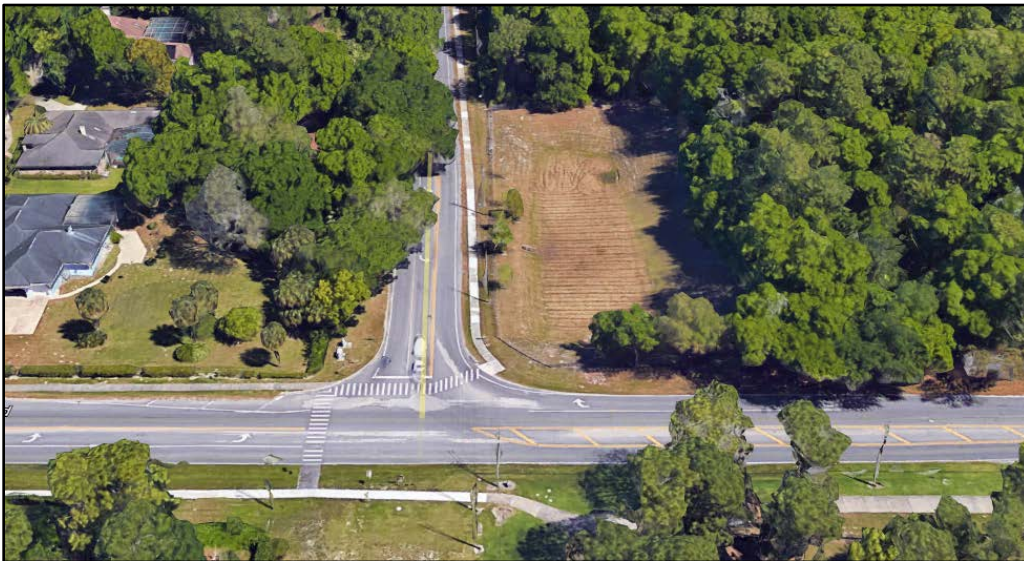
Status:

Design NTP 11/07/2019, design completed. Construction NTP 8/14/2020. Preliminary site work underway (i.e. conduit, power service, drilled shaft foundations). Mast arms scheduled to arrive in March.

Project Adjustment:

Status updated.

Intersection Aerial View:



PW-TE-14**Project:**

LPGA Boulevard & Center Street, Holly Hill

Scope:

Traffic Signal Upgrade – Conversion from concrete poles to mast arms

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 20/21

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 21/22

Project Cost:

\$ 34,400	Design
<u>\$ 325,000</u>	<u>Construction</u>
\$ 356,400	Total

Funding Sources:

\$ 356,400 Local Option Gas Tax

Council Actions:

1. Approved FY 19/20 Budget

Status:

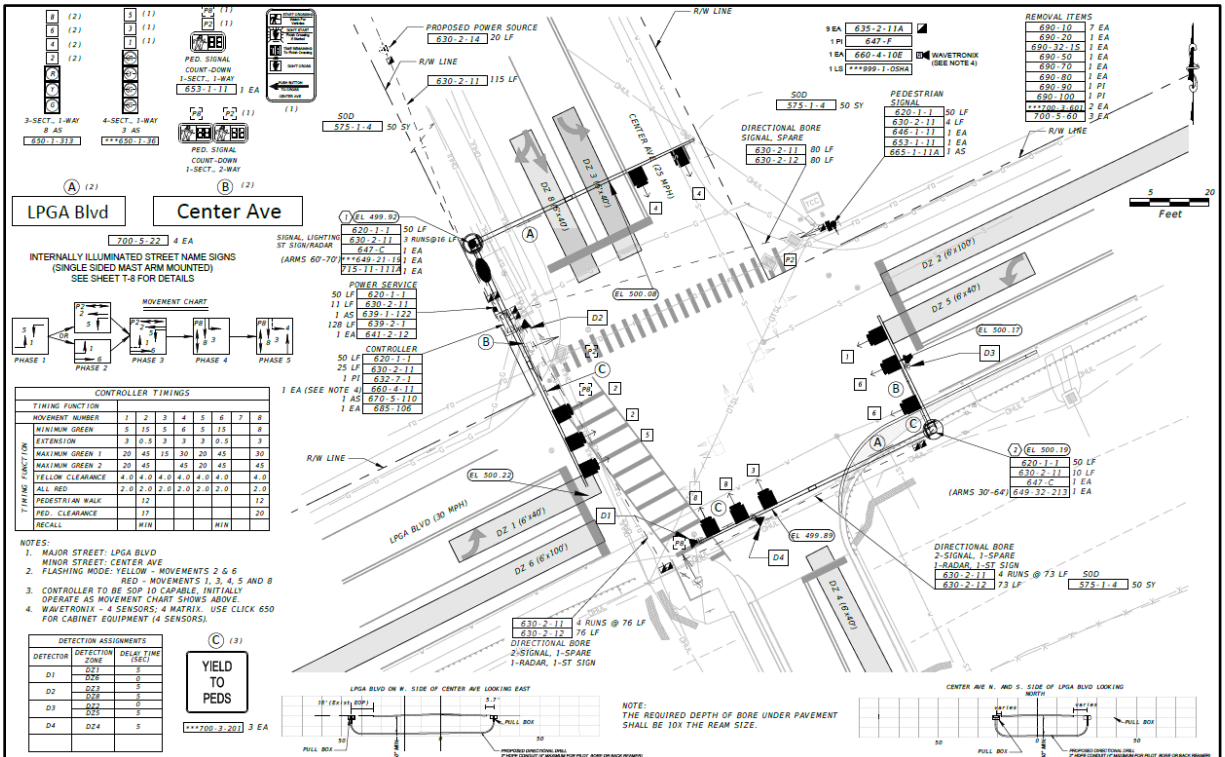
Design NTP 11/07/2019, design completed. Awaiting permit & NTP for construction.

Project Adjustment:

Updated design & construction schedule.

FY 20/21 Q2 Update

Revised 012921



PW-WRU-04

Project:

Indian Harbor Estates Sanitary Sewer Retrofit

Scope:

The project is identified within the Mosquito Lagoon Reasonable Assurance Plan to effectively reduce pollutants flowing into the Mosquito Lagoon while providing the approximately 280 homeowners with a centralized wastewater collection system. The Indian Harbor Estates area has been listed among the highest priorities for conversion of septic systems due to the number of homes in the subdivision and its location along canals leading to the Mosquito Lagoon.

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

Start: N/A

Finish: N/A

Project Cost:

\$ 358,305 Design

Funding Sources:

\$ 258,305 Water Resources and Utilities Operating Funds

\$ 100,000 Indian River Lagoon National Estuary Program (FY 19/20)

\$ 358,305 Total

Council Actions:

- | | |
|--|------------------|
| 1. IRL Council cost share approval | August 20, 2019 |
| 2. Selection for professional engineering services | November 5, 2019 |
| 3. Design services approval | February 4, 2020 |

Status:

Pending matching funds from other governmental regulatory agencies

Project Adjustment:

Design and construction bid specifications completed and submitted to Indian River Lagoon Council for final review and cost share reimbursement.

PW-WRU-04 (Continued)



PW-WRU-10

Project:

Southwest Service Area Wastewater Infrastructure Improvements

Scope:

Construction of 3 miles of wastewater force main and other infrastructure connecting two (2) utility service areas enabling advanced treatment at southwest regional water reclamation facility and allowing for decommissioning of existing Del North wastewater plant.

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 18/19

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$ 6,300,000 Engineering and Construction (Estimate)

Funding Sources:

\$ 1,500,000 Florida Department of Environmental Protection

\$ 1,425,000 St. Johns River Water Management District

\$ 3,375,000 Water Resources and Utilities Operating Funds

\$ 6,300,000 Total

Council Actions:

- | | |
|---|-------------------|
| 1. Design services approval | November 13, 2018 |
| 2. Pre-construction services approval | December 18, 2018 |
| 3. SJRWMD/FDEP cost share contract approval | February 18, 2020 |
| 4. Construction and post design approval | April 7, 2020 |

Status:

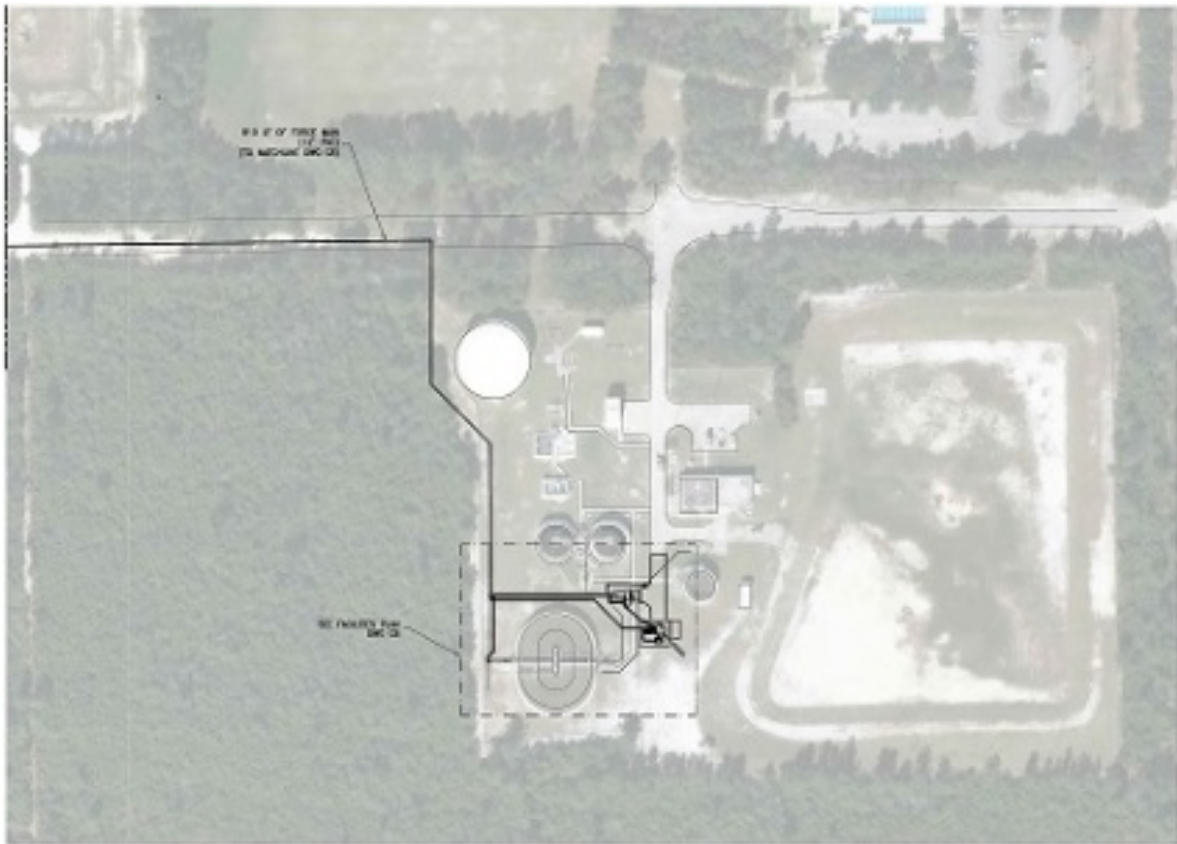
Design complete

Construction on schedule

Project Adjustment:

N/A

PW-WRU-10 (Continued)



PW-WRU-12

Project:

Blue Spring Wetland Aquifer Recharge (Phase I)

Scope:

Development of test cells within 60 acre borrow pit site near Blue spring state park for the purpose of assessing technical, environmental, and financial feasibility of constructing a wetland treatment and aquifer recharge facility to benefit spring flow and ensure groundwater withdrawals remain within sustainable limits. The county is the project lead with the cities of DeLand, Deltona, Orange City and St. Johns River Water Management District (SJRWMD) participating in this initiative.

Acquisition:

Land acquisition pending technical and environmental assessment of load test results

Design and Analysis:

Start: 1st Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 20/21

Construction:

Pending results of load testing and availability of matching funds provided by state agencies

Project Cost:

\$ 950,000 Phase I testing and analysis

Funding Sources:

\$ 375,000 SJRWMD cost share funds

\$ 460,000 Participating city shares

\$ 115,000 WRU Budgeted funds

\$ 950,000 Total

Council Actions:

- | | |
|---|-----------------|
| 1. Volusia Blue implementation agreement with cities approved | August 20, 2019 |
| 2. Joint participation agreement with SJRWMD approved | August 20, 2019 |
| 3. Engineering and load test analysis approved | August 20, 2019 |

Status:

Load test and analysis currently in progress

Project Adjustment:

Load testing and analysis time extended as mutually agreed by the participating agencies

PW-WRU-12 (Continued)



PW-WRU-13

Project:

Glen Abbey Water Treatment Plant Upgrades

Scope:

Installation of two ground storage tank aeration and mixing systems at the county's Glen Abbey water treatment plant in Orange City to improve water quality through reduction in disinfectant by-products.

Acquisition:

N/A

Design and Analysis:

N/A

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 20/21

Project Cost:

\$ 375,500 Installation

Funding Sources:

\$ 375,500 WRU Budgeted funds

Council Actions:

1. Construction contract for installation approved November 19, 2019

Status:

Electrical improvements in progress, delivery of equipment delayed 24 weeks.

Project Adjustment:

Updated status





CAPITAL PROJECT SCHEDULE

FY 19/20

Completed Projects

(current quarter completed projects in main section)

Revised 02/04/21

CS-PRC-20

Project:

Hope Place Recreation Area

Scope:

This project includes a playground, basketball courts, multi-purpose/ball field, pavilion, fencing, benches, water fountain, and landscaping.

Acquisition:

Donation approved July 6, 2017 by County Council

Design:

Start: 1st Qtr. FY 17/18

Finish: 4th Qtr. FY 17/18

Construction:

Start: 2nd Qtr. FY 18/19

Finish: 2nd Qtr. FY 19/20

Project Cost:

\$ 481,468 Construction

Funding Sources:

\$ 481,468 Park Impact Fee Zone

Council Actions:

Conceptual Plan Reviewed by Council – December 8, 2016

Council Approved Playground Purchase on April 16, 2019

Council Approved basketball court contract on July 2, 2019

Council Approved landscaping & irrigation on August 6, 2019

Status:

Design 100% complete

Met with public on February 13, 2018

Met with public on September 29, 2018

Playground & shade structure complete

Basketball court under construction

Project complete – ribbon cutting to be held on February 14, 2020

Project Adjustment:

Project complete

FY 20/21 Q2 Update



DAB-AF/PAV-01-A

Project:

DAB/Airside - Taxiway November Rehabilitation Bid Schedules **B** and **C**

Scope:

Rehabilitation of taxiway pavement and shoulders; modification of taxiway geometries to remedy identified runway incursion locations; new LED edge lighting and lighting controls; storm-water repairs with replacement of existing subgrade drainage infrastructures.

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 16/17

Construction:

Phase I – Bid Schedule B

Start: 3rd Qtr. – FY 16/17

Finish: 2nd Qtr. – FY 19/20

Phase II – Bid Schedule C

Start: 3rd Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 19/20

Project Cost:

\$ 2,051,556 Total Design (Schedules B, C, D and E)

\$ 37,924,852 Total Construction (Schedules B, C, D, and E)

\$ 39,976,408 Total

Funding Sources:

Total Design (Schedules B, C, D and E - \$2,051,556)

\$1,846,398 FAA AIP Grant funding AIP074

\$ 94,633 FDOT Grant funding FM 431539

\$ 110,525 Local funding

Construction (Schedule B only - \$8,790,545 – FY 17/18)

\$ 7,836,491 FAA AIP Grant Funding AIP 076

\$ 439,527 FDOT Grant Funding FM431539-02 & 03

\$ 514,527 Local Funding FY17/18

Construction (Schedule C only - \$11,599,499 – FY18/19)

\$ 9,956,583 FAA AIP Grant Funding AIP 078

\$ 553,143 FDOT Grant Funding FM431539-02 & 03

\$ 1,089,773 Local Funding

DAB-AF/PAV-01-A (Continued)

Council Actions:

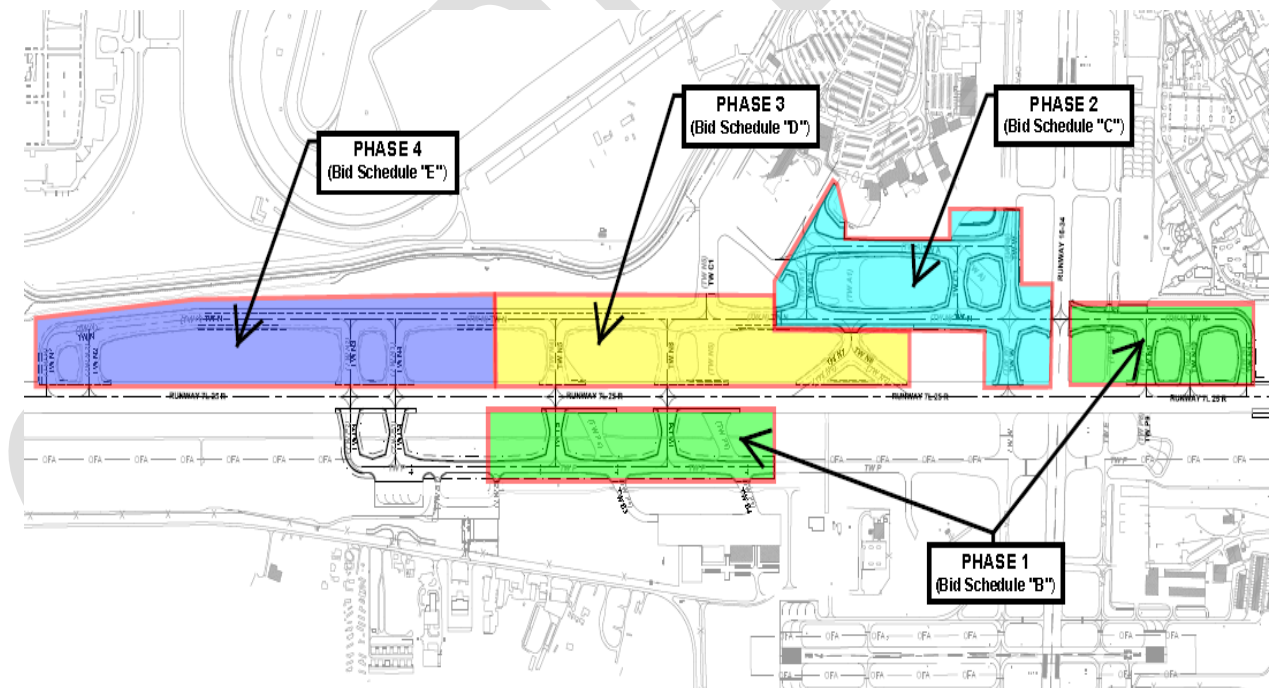
1. Grant acceptance and approval of local match	April 4, 2013
2. Partial Cost approval	July 17, 2014
3. Request for additional funding	June 4, 2015
4. Budget Resolution Renewal	Nov 17, 2016
5. TA for A&E services approval	Dec 15, 2016
6. Budget Resolution Approval	April 20, 2017
7. Budget Resolution Approval	Aug. 17, 2017
8. Contract Award (Halifax Paving); Schedule B	Dec 7, 2017
9. TA for RPR/CA Support Services approval; Schedule B	Dec 7, 2017
10. TA for Post Design (EOR) CA Services approval; Schedule B	Dec 7, 2017
11. TA for Design package Bid Schedules D & E approval	April 3, 2018

Status:

Bid Schedule B and Bid Schedule C work is complete.

Project Adjustment:

N/A



PP-DOC-8

Project:

Volusia County Branch Jail/Correction Facility Network Infrastructure Upgrade
-1300 Red John Drive and 1354 Indian Lake Road, Daytona Beach

Scope:

Network infrastructure upgrades at the Correctional Facility and Branch Jail. The aging data, voice, and video network infrastructure in both facilities will be upgraded to meet the digital, high-speed requirement of new systems such as Video Visitation and to support increased technology utilization throughout the facilities. Project will be in cooperation with the County's Information Technology Department. While this project establishes the foundation for future planned phases to support security upgrades (i.e. cameras and gates), television distribution and intercoms, and other services, additional work and funding will be needed to build onto the infrastructure once plans and specifics are developed.

Acquisition:

The Volusia County Branch Jail (VCBJ) was built in 1986
The County Correctional Facility was built in 1977

Design:

Start: 2nd Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 17/18

Construction:

Start: 4th Qtr. – FY 17/18
Finish: 1st Qtr. – FY 19/20

Project Cost:

\$ 830,932

Funding Sources:

\$ 667,263	309-930-1200	Correctional Facilities Capital Projects
\$ 163,669	123-520-3500	Inmate Welfare Fund
\$ 830,932	Total	

Council Actions:

1. Approval of FY 17/18 Budget- 4th Qtr. FY16/17
2. Award of Contract for construction November 13, 2018

Status:

Network detailed design and engineering was completed, and equipment/wiring specifications were released for bid 4th Qtr. FY 17/18. Bid award presented and approved by Council on 11/13/18. Pre-construction meetings and work underway; construction began January 2019. Construction is near completion and project is expected to be completed in November.

Project completed in October 2019.

PP-DOC-8 (Continued)

Project Adjustment:

Project cost was estimate.

Project cost updated to reflect bid award amount.

COMPLETE

PP-DOC-12

Project:

Volusia County Branch Jail – Phase 3 Roof Replacement Project
1300 Red John Drive, Daytona Beach

Scope:

Roof Replacement Project –Phase 3

Acquisition:

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

Design:

Start: 1st Qtr. – FY 16/17
Finish: 3rd Qtr. – FY 16/17

Construction:

Start: 4th Qtr. – FY 17/18
Finish: 1st Qtr. – FY 19/20

Project Cost:

\$ 77,000	Design
<u>\$503,484</u>	<u>Construction</u>
\$580,484	Total

Funding Sources:

\$580,484 General Fund

Council Actions:

1. Contract Change Order #3 Approved November 13, 2018

Status:

Phase 3 Design – 100% complete
Contract awarded November 13, 2018
Construction is underway.
Completion expected in October/November.
Completed November 2019

Project Adjustment:

Metal fabrication has delayed the completion of the project slightly.

PP-DOC-12 (Continued)



COMPLETE

PW-ENG-5712

Project:

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

Scope:

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

Acquisition:

Additional ROW acquisition for roadway and stormwater to be by donation

Design:

Start: 4th Qtr. - FY 15/16

Finish: 2nd Qtr. - FY 17/18

Construction:

Start: 3rd Qtr. - FY 17/18

Finish: 1st Qtr. - FY 19/20

Project Cost:

\$ 403,317	Design
<u>\$ 3,780,682</u>	<u>Construction</u>
\$ 4,183,999	Total

Funding Sources:

\$ 3,683,289	Local Option Gas Tax
<u>\$ 500,710</u>	<u>City of Edgewater</u>
\$ 4,183,999	Total

Council Actions:

1. Design Contract Award	June 2, 2016
2. JPA w/ City of Edgewater	June 5, 2018
3. Agreement w/ Massey Family Ent.	June 5, 2018
4. Construction Contract Award	July 10, 2018

Status:

Construction complete.

Mitigation approved – Permit in hand.

Project Adjustment:

Updated project status to complete.



PW-SW-5

Project:

Tomoka Farms Road Landfill – 13 acre Class I Landfill Expansion
1990 Tomoka Farms Road, Port Orange

Scope:

Permitting, construction design, construction for the 13 acre North Cell Phase II,
Area 4 Class I Landfill Cell Expansion

Acquisition:

N/A

Design:

Start: 3rd Qtr. – FY 16/17
Finish: 4th Qtr. – FY 17/18

Construction:

Start: 3rd Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 19/20

Project Cost:

\$ 396,525	Design
\$ 8,258,367	Construction Cost
<u>\$ 438,536</u>	<u>CQA Services</u>
\$ 9,093,428	Total

Funding Sources:

\$ 9,093,428	Solid Waste Funded
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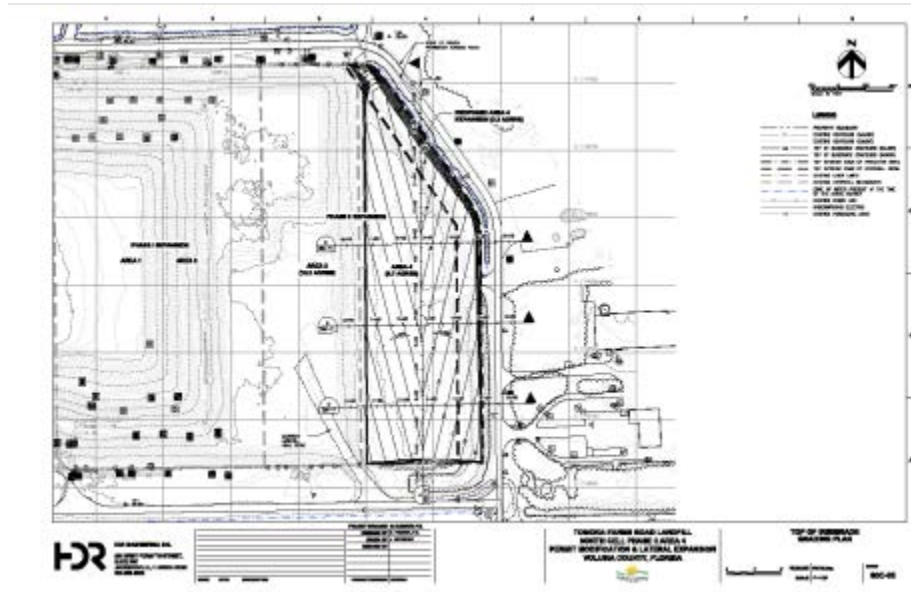
Council Actions:

Engineering Design Approval	May 18, 2017
Construction Approval	February 5, 2019
Construction Quality Assurance Approval	March 19, 2019

Status:

Design & Permitting 100% complete
Anticipate submitting the construction bid request end of September or by 1st week in October.
The construction cost increased by \$2,258,367 due to increased cost to import soil and cost of liner material.
NTP was issued May 6, 2019
Substantial Completion on February 7, 2020
Completed – March 1, 2020

Project Adjustment:



PW-TE-9

Project:

Pioneer Trail & Enterprise Avenue in New Smyrna Beach

Scope:

Traffic Signal Upgrade – Conversion from concrete poles to mast arm

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 4th Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Project Cost:

\$ 30,737	Design
<u>\$ 248,351</u>	<u>Construction</u>
\$ 279,088	Total

Funding Sources:

\$ 279,088 Local Option Gas Tax

Council Actions:

Approved FY 18/19 Budget

Status:

Design NTP 11/02/18 (TA 33, PC-2474), Completed 6/6/2019.

Construction NTP 7/9/2019 (PO 770-1506). **Construction completed.**

Final Inspection & Acceptance 7/14/2020.

Project Adjustment: **Early Finish**

PW-TE-9 (Continued)



PW-WRU-5

Project:

Deltona North Water Treatment Plant Facility Upgrades

Scope:

The project calls for improvements to the Deltona North Water Treatment Plant including installation of new orthophosphate storage and feed equipment, sodium hypochlorite storage and feed equipment, spray aeration and mixing equipment in the ground storage tank, new emergency electrical generator and electrical room, raw water piping modifications, building and HVAC modifications, instrumentation system upgrades, and security upgrades.

Acquisition:

None Required

Design:

Start: 2nd Qtr. – FY 16/17

Finish: 1st Qtr. – FY 17/18

Construction:

Start: 2nd Qtr. – FY 18/19

Finish: 2nd Qtr. – FY 19/20

Project Cost:

\$ 255,176	Engineering
\$ 1,962,715	Construction
<u>\$ 2,217,891</u>	<u>Total</u>

Funding Sources:

\$ 2,217,891 Funded from WRU Budgeted/Appropriated Funds

Council Actions:

1. Design services approval	March 16, 2017
2. Construction Bid Award	October 30, 2018

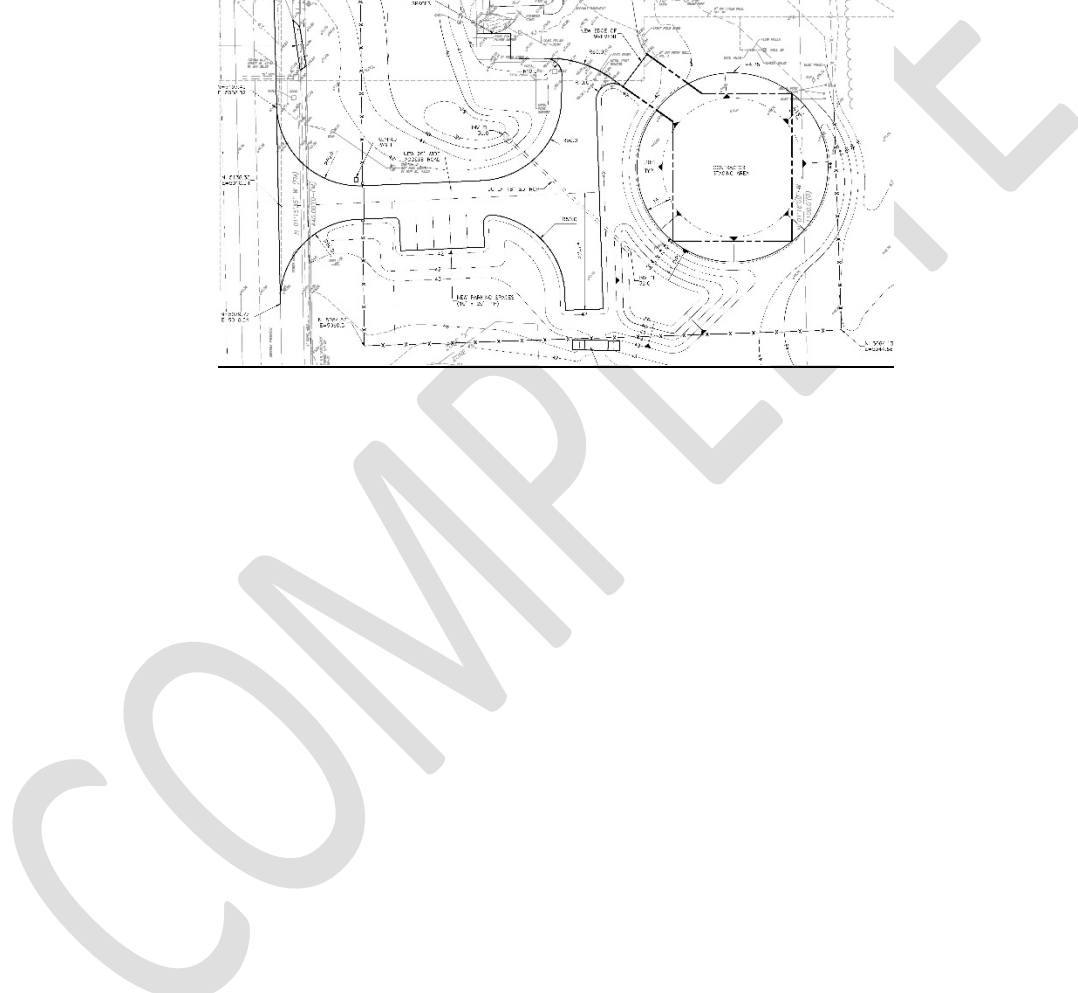
Status:

Design 100% Complete
Bid closes 4th Qtr. FY 17/18
Notice to proceed issued March 2019
Project Complete

Project Adjustment:

N/A

PW-WRU-5 (Continued)



PW-WRU-8

Project:

Advanced Meter Infrastructure (AMI)

Scope:

The project calls for procurement and installation of communications equipment; meter transmitters; water level transducers; pressure & temperature sensors; and software analytics to promote water conservation and efficient distribution of potable and reclaimed water service within the 130 sq. mile Blue Spring basin.

Acquisition:

N/A

Design:

N/A

Construction:

Start: 1st Qtr. - FY 18/19

Finish: 1st Qtr. - FY 19/20

Project Cost:

\$ 956,760

Funding Sources:

\$ 478,380	SJRWMD Cost Share funding
\$ 478,380	Funded from WRU Budgeted Funds
\$ 956,760	Total

Council Actions:

1. SJRWMD cost share agreement approved October 16, 2018
2. Advanced meter infrastructure equipment approved October 30, 2018

Status:

Installation of two-way communications equipment complete
Project on budget
Meter radio replacement or reprogramming over 11,000 units complete
Software analytic tools installed
Project complete and cost share grant closed out

Project Adjustment:

Schedule of work performed by in-house crews adjusted by 45 days to account for time lost during hurricane preparedness and storm events. Extension approved by SJRWMD for 60 days.

PW-WRU-8 (Continued)



PW-WRU-9

Project:

Glen Abbey Subdivision Reclaimed Water Main Extension

Scope:

Construction of 2,900 linear ft. of reclaimed water main to connect existing "dry lines" and provide service for approximately 250 customers.

Design:

Start: 1st Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 1st Qtr. – FY 19/20

Finish: 4th Qtr. – FY 19/20

Project Cost:

\$501,000 Engineering and Construction

Funding Sources:

\$501,000 Water Resources and Utilities Operating Funds

Council Actions:

- | | |
|-----------------------------------|--------------------|
| 1. Design services approval | November 13, 2018 |
| 2. Construction services approval | September 17, 2019 |

Status:

Construction complete

Project Adjustment:

Project status updated.



PW-WRU-11

Project:

Fort Florida Rd Utility Improvements

Scope:

Construction of water, sewer, and reclaimed water mains, each approximately 3,000 feet, along Fort Florida Rd from US 17/92 to Barwick Rd. The infrastructure provides service to planned residential communities and commercial activity in the DeBary area.

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 4th Qtr. – FY 18/19

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 19/20

Project Cost:

\$ 172,410	Design
\$ 1,343,337	Construction
\$ 1,515,747	Total

Funding Sources:

\$ 1,515,747 Funded from WRU Budgeted/Appropriated Funds

Council Actions:

- | | |
|---|-------------------|
| 1. Joint project agreement with City of DeBary for design | January 18, 2018 |
| 2. Post design & construction management services | December 10, 2019 |
| 3. Construction approved | December 10, 2019 |

Status:

Commence construction Feb 2020

Project Adjustment:

Construction completed on Sept 20, 2020

