



CAPITAL PROJECT SCHEDULE

November 19, 2019

Revised 10/28/19

Volusia County

Capital Project Schedule Executive Summary

4th Quarter Update – November 19, 2019

Business Services

- Countywide 800 MHz Radio System –
 - Cooperative Agreement with Flagler County to share tower space approved October 7, 2019.
 - Phase II – Construction timeline has been adjusted to start 1st Qtr. FY 20/21 and finish 4th Qtr. FY 21/22.

Community Services

- Lemon Bluff Park – Design timeline has been extended to finish 1st Qtr. FY 19/20 as county staff is working with consultant to finalize design.
- **Shell Harbor Park – Project complete.**
- Marine Discovery Center Trail – Acquisition timeline has been adjusted to start 2nd Qtr. FY 18/19 and finish 4th Qtr. FY 19/20. Design is 60% complete and expected to finish 4th Qtr. FY 19/20. Construction will start 1st Qtr. FY 20/21 and finish 4th FY 20/21. Timelines have been adjusted based on final agreement with MDC on trailhead building and trail location.
- Hope Place Recreational Area – Playground and shade structure are complete. Basketball court is under construction, awaiting pavilion structure delivery. Construction timeline has been extended to finish 1st Qtr. FY 19/20

Daytona Beach International Airport

- Taxiway November Rehabilitation –
 - Bid Schedule B has been extended due to permitting the staging area. Construction timeline for Bid Schedule B & C has been adjusted to finish 1st Qtr. FY 19/20.
 - Project cost has increased to \$39,764,174 due to the addition of amendment 3 (Approved by Council Sept.17th) for additional RPR/CA services due to increased time for completion of unforeseen items.
 - Bid Schedule D was adjusted to finish 3rd Qtr. FY 19/20 to reflect previous phase changes.
 - Bid Schedule E was adjusted to finish 4th Qtr. FY 19/20 to reflect previous phase changes.
- DAB Terminal –
 - Parking Lot Improvements – Total project cost increased to \$5,703,111 reflecting design changes, bidding, and RPR/CA services. Design timeline has been extended to 2nd Qtr. FY 19/20. Construction timeline has been adjusted to start 3rd Qtr. FY 19/20 and finish 3rd Qtr. 20/21 to reflect possible addition to the project scope to include security features to the rental car ready return lot.
 - Terminal Renovations – Project cost has been adjusted to \$14,405,330.

Ocean Center

- **Main Marque Replacement – Project complete.**

- Retrofit Lighting to LED in Arena, Exhibit Hall and Parking Garage– Design review meeting will be held mid-November. The delay extends the design timeline to 1st Qtr. FY 19/20 and construction timeline to start 2nd Qtr. FY 19/20 and finish 4th Qtr. FY 19/20.
- Replace Arena Roof – Construction documents are expected from consultant 11/15. The delay extends the design timeline to 1st Qtr. FY 19/20 and construction timeline to start 2nd Qtr. FY 19/20 and finish 4th Qtr. FY 19/20.
- Parking Garage –
 - Lighting – Design timeline has been extended to 1st Qtr. FY 19/20. Construction timeline will start 2nd Qtr. FY 19/20 and finish 4th Qtr. FY 19/20.
 - Deck & Drainage Restoration – Design timeline for Phase 1 has been adjusted to finish 1st Qtr. FY 19/20. Phases 2 & 3 will start 3rd Qtr. FY 19/20 and finish 4th Qtr. FY 19/20. Construction bid request signed off. Construction for Phase 1 will begin 2nd Qtr. FY 19/20 and finish 4th Qtr. FY 19/20. Phases 2 & 3 will start 1st Qtr. FY 20/21 and finish 3rd Qtr. FY 20/21.

Public Protection

- **Branch Jail/Correction Facility Potable Water Pipe replacement – New project.** Replacement of cast iron pipes with new potable water pipes. This is a multi-year phased project estimated to cost \$400,000.
- Volusia County Branch Jail/Correction Facility Network Infrastructure Upgrade – Project cost has been updated to \$830,932 reflecting bid award amount.
- Volusia County Branch Jail/Corrections Facility Security and Surveillance System Upgrade – Project scope has been adjusted to include corrections security and securities system. This will be a multi-phase project to modernize aging security systems. Project cost has been adjusted to reflect \$8,515,000 award amount.
- Volusia County Branch Jail/Correction Facility Operations System Upgrade – Inmate Phone System has been completed 4th Qtr. FY 18/19. The Jail management system has been adjusted to start 1st Qtr. FY 19/20.
- Volusia County Branch Jail, Phase 3 Roof Replacement – Construction timeline has been adjusted to finish 1st Qtr. FY 19/20. Project completion is expected in October/November.

Public Works

- Coastal- Off-beach Parking
 - Sun & Surf Park, 726 N Atlantic Ave – Design timeline has been extended to finish 4th Qtr. FY 19/20. Construction timeline has been adjusted to start 2nd Qtr. FY 19/20 and finish 4th Qtr. FY 19/20. Bidding and construction has been delayed due to the City of Daytona Beach’s objection to county ordinance preempting municipal building and zoning ordinances.
 - **Cardinal Avenue, 650 S Atlantic Ave Lot – Project complete.**
 - Plaza Beach Ramp Public Access Improvements – Design timeline has been adjusted to finish 1st Qtr. FY 19/20. Construction timeline has been adjusted to start 2nd Qtr. FY 19/20

- and finish 2nd Qtr. FY 20/21. Design and construction timelines were extended due to CCCL permitting delays and FEMA contracting requirements.
- 16th Avenue Off-Beach Parking & Beach access – Design timeline has been adjusted to finish 2nd Qtr. FY 19/20. Construction timeline will begin 3rd Qtr. FY 19/20 and finish 1st Qtr. FY 20/21. Timelines were adjusted due to neighboring property owners and City comments on the proposed design.
 - Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave., Daytona Beach Shores) – 60% of plans are complete. CCCL Permit Application submitted in August.
 - Dahlia Ave. Park (3621 S. Atlantic Ave., Daytona Beach Shores) – 60% of plans are complete. CCCL Permit Application submitted in August.
- Road & Bridge
 - Thornby Park Water Quality Improvement Project - Design timeline has been extended to finish 1st Qtr. FY 19/20. Project cost updated to \$450,690. Task assignment was approved for design and permitting on August 21, 2018. Cost-share agreement with SJRWMD approved on August 6, 2019.
 - **Lake Beresford/Lakeside Drive Stormwater Improvement Project – New project.** This project constructs 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. The project is estimated to cost \$578,700.
 - **Gaborby Canal at 10th Street – New project.** This project entails the installation of a nutrient removal treatment facility that will contribute to reduction of nutrient loading into Mosquito Lagoon. This project will be co-located on the same parcel of the land that was acquired for the stormwater treatment pond that is part of the 10th Street Road Widening Project. This project is estimated to cost \$1,175,000.
 - **Ariel Canal Water Quality Improvement Project – New project.** 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 to reduce nutrient loading into Mosquito Lagoon. This project is estimated to cost \$926,130.
 - Engineering & Construction
 - Tenth Street – Myrtle Ave to US 1 in New Smyrna Beach and Edgewater – Project cost has increased to \$12,766,087 based on updated construction estimate.
 - Howland Blvd – Providence Blvd to Elcam Blvd in Deltona - Acquisition timeline has been extended to 2nd Qtr. FY 19/20 due to issues with two parcels. Project cost has increased to \$17,850,144 to reflect latest construction cost estimate.
 - Orange Camp Road Widening- Martin Luther King Blvd to I-4 in DeLand – Acquisition updated to reflect ROW donation agreement to be presented to Deland City Commission Oct. 2019. Project cost has been adjusted to \$11,615,555. Design consultant contract amendment was approved Aug. 20th.
 - Spring to Spring Phase 3B Rob Sullivan Park to Dirksen Drive/US 17/92 – Design timeline has been extended to finish 1st Qtr. FY 19/20 to reflect delays with tri-party agreement with Duke and City of Debarry. Project cost has been adjusted to \$3,038,018. Construction timeline has been updated to start 2nd Qtr. FY 19/20 and finish 3rd Qtr. FY 20/21.

- Williamson Blvd Widening- Acquisition timeline adjusted due to stormwater pond relocation agreement scheduled for November. Project cost has increased to \$5,282,875.
- Solid Waste
 - Tomoka Farms Rd. Landfill Household Hazardous Waste Area – Recommendation of award scheduled for November 5th. Construction timeline has been adjusted to finish 2nd Qtr. FY 19/20 to accommodate delay in solicitation process. Project cost has increased to \$382,424 as additional storage is needed for the waste and reuse area.
 - Tomoka Farms Rd. Landfill 13 Acre Class I Landfill Expansion – Construction timeline has been updated to finish 2nd Qtr. FY 19/20 due to delay in fabrication of liner materials.
- Traffic Signals
 - Saxon Boulevard & Market Place in Orange City – Project is pending Right of way acquisition; acquisition timeline has been extended to 2nd Qtr. FY 19/20. Design is 90% complete; Design timeline has been updated to finish 1st Qtr. FY 19/20.
- Water Resources and Utilities
 - Advanced Meter Infrastructure (AMI) – Construction timeline has been adjusted by 45 days to account for time lost during hurricane preparedness and storm events. Construction timeline has been updated to finish 1st Qtr. FY 19/20.
 - Glen Abbey Subdivision Reclaimed Water Main Extension – Project design is complete. Project cost updated to \$501,000. Approval of construction services was awarded September 17, 2019.

Sheriff's Office

Total Value of All CPS Projects Reported in 3rd Quarter Update

\$363,553,211

Master Capital Project Schedule

November 2019
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 |
| OC | = Ocean Center |
| PP | = Public Protection |
| PW | = Public Works |
| SO | = Sheriff's Office |

*New Projects are in **Bold**

**Completed Projects are in *Italics*. Refer to back of binder for Q3 and older

Note: Large projects utilizing CMGC method will overlap Eng/Design with Const

**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 16/17 | | | | FY 17/18 | | | | FY 18/19 | | | | FY 19/20 | | | | FY 20/21 | | | | FY 21/22 | | | |
|-------------------------|---|----------|--|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|
| | | | | Q1 | Q2 | Q3 | Q4 |
| PW-SW-4 | Citizens Convenience Improvement - Household Hazardous Waste Drop | 3 | 10/1/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-SW-5 | Tomoka Farms Rd Landfill - Class I Landfill Expansion | 3 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-TE-7 | <i>Plymouth Ave & Stone St - New 4 Pole Design</i> | 1 | <i>10/1/2017</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-TE-8 | <i>Mason Ave & Jimmy Ann - Conversion to Mast Arm Signal</i> | 4 | <i>10/1/2017</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-TE-9 | 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-WRU-5 | Deltona North Water Treatment Facility Upgrades | 5 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-WRU-6 | <i>Halifax Wastewater Treatment Facility Rehabilitation</i> | 4 | <i>10/1/2017</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-WRU-8 | Advanced Meter Infrastructure (AMI) | 1 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-WRU-9 | Glen Abbey Subdivision Reclaimed Water Main Extension | 1 | 11/13/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheriff's Office | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **SO-5715 | <i>New Sheriff's Evidence Storage Building & Forensics Lab</i> | 4 | <i>5/19/2015</i> | | | | | | | | | | | | | | | | | | | | | | | | |

*New Projects are in Bold

**Completed Projects are in Italics. Refer to back of binder for Q3 and older

Note: Large projects utilizing CMGC method will overlap Eng/Design with Const

BS-CES-2

Site: New Elections Warehouse

Acquisition: Site TBD

Acquisition Timeline: Start: 1st Qtr. - FY 18/19
Finish: 2nd Qtr. - FY 19/20

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

Design Timeline: Start: 2nd Qtr. - FY 19/20
Finish: 1st Qtr. - FY 20/21

Project Cost: \$ 5,900,000

Funding Sources: \$ 6,500,000 Elections Warehouse (367-930-4180)

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

Construction Timeline: Start: 2nd Qtr. - FY 20/21
Finish: 1st Qtr. - FY 21/22

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

Project Adjustment: NA

See pic below: Demand exceeds building capacity at existing elections warehouse



BS-IT-1

Site: Countywide - 800 MHz Radio System Backbone and Radios

Acquisition: 800 MHz Public Safety Radio System was implemented in 1993

Project 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 levels 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.

Design Timeline: 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: 1st Qtr. - FY 19/20

Project Cost:

| | |
|---------------------------------|---------------------|
| \$ 19,596,072 (estimated) | County of Volusia |
| <u>\$ 7,000,000 (estimated)</u> | <u>City Budgets</u> |
| \$ 26,596,072 (estimated) | Total |

Funding Sources:

| | | |
|---------------------|---------------------|-----------------------------------|
| \$ 12,666,330 | 305-930-4605 | General Fund |
| \$ 6,929,742 | 305-930-4606 | 800 MHz Capital Radio Replacement |
| <u>\$ 7,000,000</u> | <u>City Budgets</u> | |
| \$ 26,596,072 | Total | |

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

Construction Timeline: Phase II
Start: 1st Qtr. - FY 20/21 (Begin implementation)
Finish: 4th Qtr. - FY 21/22

BS-IT-1 (Continued)

Project Status:

Phase I - Complete

Phase II

Task order issued to consultant to assist in RFP development; work completed. Soil testing work completed and site survey work underway for land identified for additional tower in southeast Volusia; cooperative agreement with Flagler County to share tower space approved and executed on October 7, 2019. Task order issued to consultant to assist with responses to vendor RFP scope and design questions and also pre-bid activities. Radio System RFP was released September 27, 2019 with closing date of January 15, 2020. Mandatory pre-bid and site visits were held October 15 through October 17, 2019.

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.

Project Adjustment

Updated Construction cost estimates based on latest information.

CS-PRC-1

Site: Lemon Bluff Park

Acquisition: March 13, 2013 (ECHO Funds)

Project 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.

Design Timeline: Start: 3rd Qtr. – FY 15/16
Finish: 1st Qtr. – FY 19/20

Project Cost:

| | |
|---------------------|---------------------|
| \$ 150,000 | Design |
| <u>\$ 1,490,852</u> | <u>Construction</u> |
| \$ 1,640,852 | Total |

Funding Sources:

| | |
|---------------------|-------------------------------|
| \$ 400,000 | 2016 Council ECHO grant award |
| \$ 125,000 | FIND Grant |
| <u>\$ 1,115,852</u> | <u>Funded from FBIP</u> |
| \$ 1,640,852 | Total |

Council Actions:

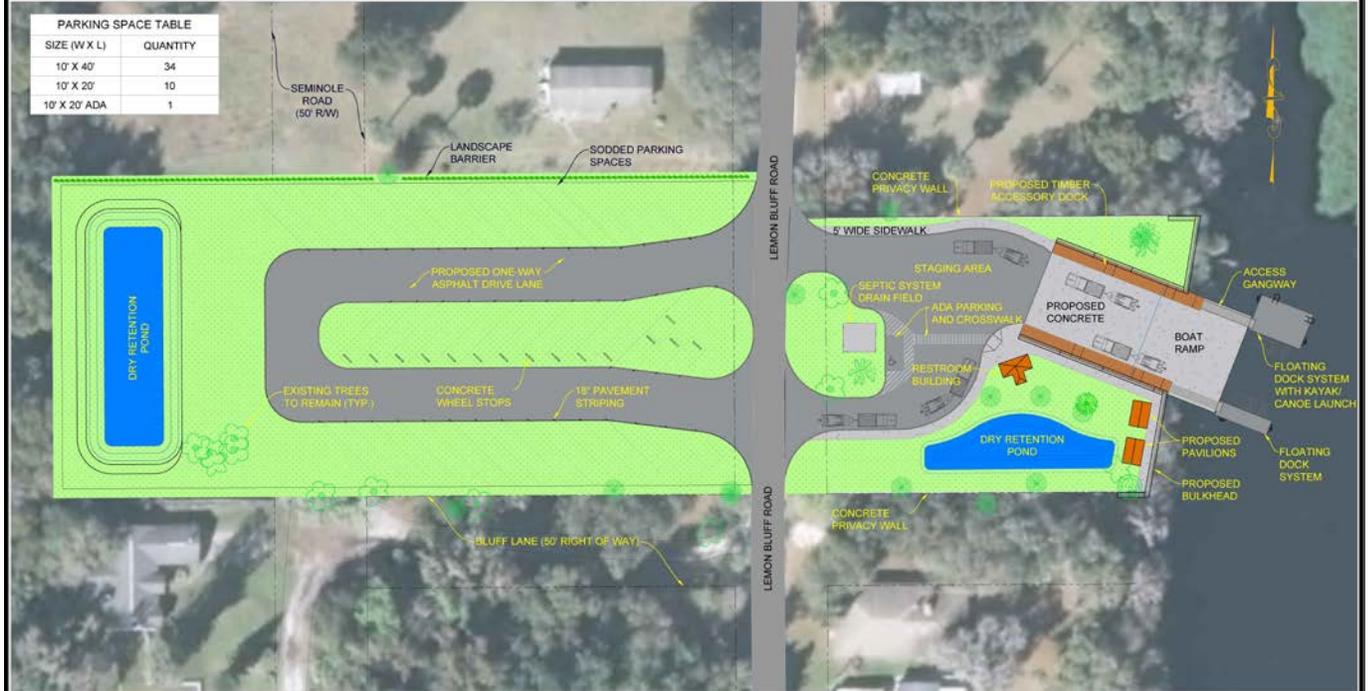
1. Purchase Approval December 20, 2012
2. Contract Task Assign – DMC March 17, 2016
3. ECHO Grant Approval May 19, 2016
4. FIND Grant September 30, 2017
5. Conceptual Drawing Approval May 7, 2019

Construction Timeline: Start: 1st Qtr. – FY 19/20
Finish: 4th Qtr. – FY 19/20

Project Status: Met with public on May 13, 2017
Second public meeting was held on October 18, 2018
Boat Launch Facility plans (excluding parking area) 60%
Parking area design underway

Project Adjustment: County staff working with consultant to finalize design

LEMON BLUFF BOAT LAUNCHING FACILITY



CS-PRC-2

Site: Shell Harbor Park

Acquisition: December 2013

Project Scope: The project scope includes construction of the boat ramp and floating dock, restroom, pavilion, boardwalk, and paved parking (33 boat trailer capable & 2 ADA spaces)

Design Timeline: Start: 3rd Qtr. – FY 15/16
Finish: 3rd Qtr. – FY 16/17

Project Cost: \$ 139,879 Design and Permitting
\$ 1,864,962 Construction
\$ 2,004,841 Total

Funding Sources: \$ 42,810 FIND (Design and Permitting)
\$ 117,889 FIND (Construction grant)
\$ 400,000 ECHO 2016 grant award
\$ 689,534 FBIP
\$ 754,608 Park Impact Fees (Zone 4)
\$ 2,004,841 Total

Council Actions: 1. Donation Approval December 2013
2. FIND Grant Approvals March 19, 2015 and March 17, 2016
3. ECHO Grant Approval May 19, 2016
4. Construction Contract Award May 15, 2018

Construction Timeline: Start: 3rd Qtr. – FY 17/18
Finish: 4th Qtr. – FY 18/19

Project Status: Design complete
FDEP & ACOE permits obtained September 2016
Permit received April 2018
County's Site Plan anticipated approval in July 2018
Construction bid awarded May 15, 2018
Notice to Proceed issued June 25, 2018

Project Adjustment: N/A

CS-PRC-2 (Continued)



CS-PRC-20

Site: Hope Place Recreation Area

Acquisition: Donation approved July 6, 2017 by County Council

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

Design Timeline: Start: 1st Qtr. FY 17/18
Finish: 4th Qtr. FY 17/18

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

Construction Timeline: Start: 2nd Qtr. FY 18/19
Finish: 1st Qtr. FY 19/20

Project 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 Adjustment: Pavilion structure delivery delayed.



DAB – AF/PAV-01-A

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

Acquisition: N/A

Project 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.

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

Project Cost: \$ 2,051,556 Total Design (Schedules B, C, D and E)
\$ 37,712,618 Total Construction (Schedules B, C, D, and E)
\$ 39,764,174 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 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 | |

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 |

DAB – AF/PAV-01-A (Continued)

| | |
|---|----------------|
| 12. Budget Resolution Approval | June 5, 2018 |
| 13. Contract to Halifax Paving, Inc.; Schedule C | Dec. 18, 2018 |
| 14. TA for RPR/CA Support Services; Schedule C | Dec. 18, 2018 |
| 15. TA for Post Design (EOR) CA Services; Schedule C | Dec. 18, 2018 |
| 16. Purchase of Mitigation Credits | Jan. 22, 2019 |
| 17. Halifax Paving Construction Contract CO #2 Schedule C | July 16, 2019 |
| 18. RS&H CA/RPR Services Amendment #3 Schedule C | Sept. 17, 2019 |

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

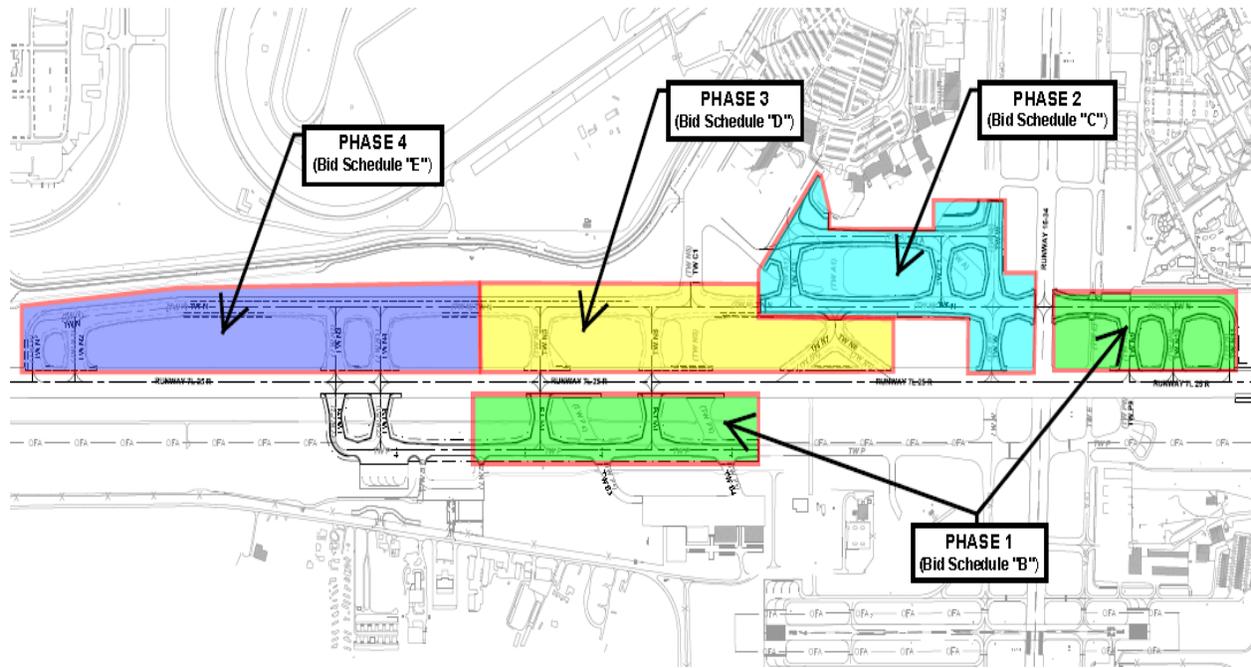
Construction Timeline: Phase I - Bid Schedule B
Start: 3rd Qtr. – FY 16/17
Finish: 1st Qtr. – FY 19/20

Phase II – Bid Schedule C
Start: 3rd Qtr. – FY 16/17
Finish: 1st Qtr. – FY 19/20

Project Status: Work in place (WIP), Bid Schedule B is substantially completed. Bid Schedule C construction is underway.

Project Adjustment: Construction Timeline for Bid Schedule B increased due to permitting the staging area. Project cost increased by the addition of Amendment 3 for additional RPR/CA services due to increased time for completion of unforeseen items. Total Project Cost increase for Bid Schedule C of \$95,790.

DAB – AF/PAV-01-A (Continued)



DAB – AF/PAV-01-B

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

Acquisition: N/A

Project 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.

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

Project Cost: \$ 2,051,556 Total Design (Schedules, B, C, D, and E)
\$ 37,712,618 Total Construction (Schedules B, C, D, and E)
\$ 39,764,174 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 - \$9,057,096, - FY 19/20)

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

Construction (Schedule E only - \$8,265,478 – FY 20/21)

| | | |
|--------------|-------------------------|-------------|
| \$ 7,438,930 | FAA AIP Grant Funding | AIP # 080 |
| \$ 413,274 | FDOT Grant Funding | FM431539-05 |
| \$ 413,274 | Local Funding (FY18/19) | |

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) Dec 18, 2018
4. Council approval of RS&H CA/RPR Svcs. (Bid Schedule D) August 6, 2019
5. Council approval of AVCO Post Design Svcs. (Bid Schedule D) August 6, 2019

Construction Timeline: Phase III - Bid Schedule D (Pending Completion of Bid Schedule C)

Start: 3rd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 19/20

Phase IV - Bid Schedule E (Pending Completion of Bid Schedule D)

Start: 3rd Qtr. – FY 17/18

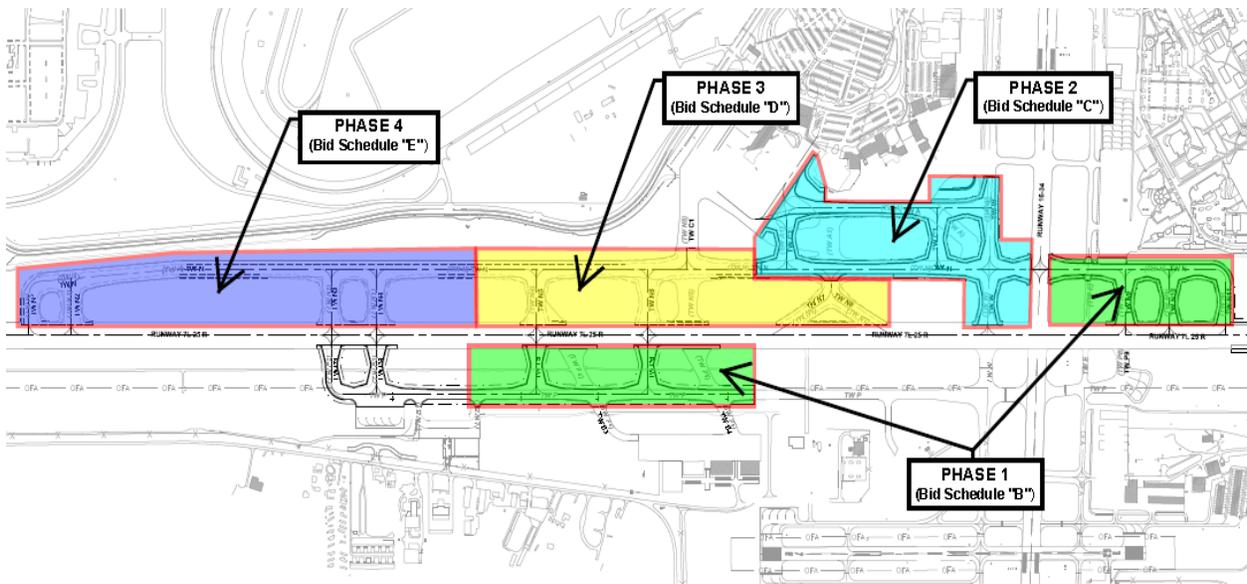
Finish: 4th Qtr. – FY 19/20

DAB – AF/PAV-01-B (Continued)

Project Status: Project bid recommendation accepted, P&S paving was successful.

Construction Timeline: Bid Schedule D - 110 days
Bid Schedule E - 75 days

Project Adjustment: Correction to adjust timeline due to prior phase schedule changes.



DAB – TER-03

Site: DAB/Terminal - Parking Lot Improvements

Acquisition: N/A

Project 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.

Design Timeline: Start: 3rd Qtr. – FY 17/18
Finish: 2nd Qtr. – FY 19/20

Project Cost:

| | |
|---------------------|--|
| \$ 9,880 | Sign Inspection |
| \$ 166,284 | Design |
| \$ 526,948 | Design Changes, Bidding, CA and RPR Services |
| \$ 4,999,999 | Construction (Est.) (Cost represents Four (4) separate projects) |
| <u>\$ 5,703,111</u> | <u>Total</u> |

Funding Sources:

| | |
|---------------------|---|
| \$ 870,550 | Customer Facility Charge Revenue |
| \$ 1,525,000 | FDOT Grant FM# 436051 |
| \$ 1,525,000 | Local Funding |
| \$ 891,280 | FDOT Additional Grant Request (FY 19/20) |
| \$ 891,281 | Local Additional Request Funding (FY 19/20) |
| <u>\$ 5,703,111</u> | <u>Total</u> |

Council Actions:

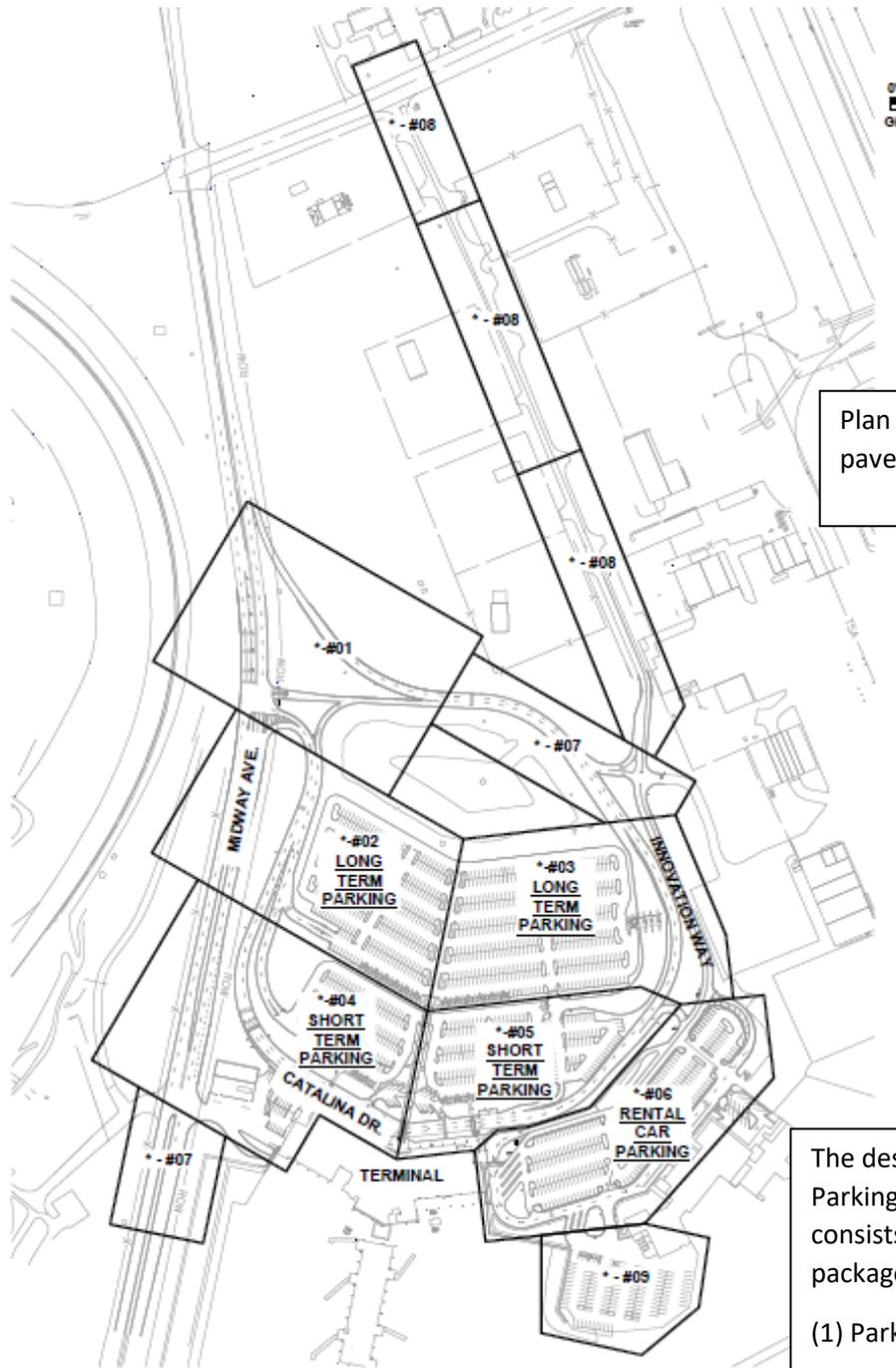
| | |
|---|-------------------|
| 1. Grant acceptance and approval of local match | March 17, 2014 |
| 2. A/E Design Services task authorization (TA) | July 17, 2014 |
| 3. Request for additional funding approved | November 6, 2014 |
| 4. Request for additional funding approved | June 4, 2015 |
| 5. 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 |

Construction Timeline: Start: 3rd Qtr. – FY 19/20
Finish: 3rd Qtr. – FY 20/21

Project Status: Design kickoff meeting held September 25th, 2019. Possible addition to the scope of work with inclusion of security features to the Rental Car Ready Return Lot.

Project Adjustment: Timeline has been updated from discussion during the kickoff meeting.

DAB – TER-03 (Continued)



Plan view of parking lot and roadway pavement areas

The design program for the Terminal Parking Lot Improvements Program consists of four (4) individual project packages. The four projects are:

- (1) Parking Lot Paving Project;
- (2) Replacement of High Mast Parking Fixtures and lighting Improvements;
- (3) Replace Wayfinding Signage and,
- (4) Design and Construct Ticketing Canopy's.

DAB – TER-07

Site: DAB/Terminal – Terminal Renovations

Acquisition: N/A

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

Design Timeline: Start: 1st Qtr. - FY 15/16
Finish: 2nd Qtr. - FY 18/19

Project Cost:

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

Funding Sources:

| | |
|----------------------|------------------------------------|
| \$ 12,000,000 | Commercial Loan |
| \$ 2,040,358 | Enterprise Operating Fund Reserves |
| \$ 364,972 | Customer Facility Charge |
| <u>\$ 14,405,330</u> | Total |

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 |

Construction Timeline: Start: 3rd Qtr. - FY 18/19
Finish: 1st Qtr. - FY 20/21

Project Status: Notice to proceed was issued on 5/15/2019.

Project Adjustment: N/A

OC-318-2

Site: Ocean Center – Main Marquee Replacement

Acquisition: N/A

Project Scope: Replace the existing marquee on the east side of Ocean Center property in its entirety.

Design Timeline: Start: 3rd Qtr. - FY 15/16
Finish: 2nd Qtr. - FY 17/18

Project Cost:

| | |
|-------------------|---------------------|
| \$ 19,975 | Design |
| \$ 3,918 | Engineering |
| \$ 1,100 | City Fees |
| <u>\$ 421,128</u> | <u>Construction</u> |
| \$ 446,121 | Total |

Funding Sources: \$ 446,121 318 Ocean Center Capital Fund

Council Actions:

1. Approved FY 15/16 CIP Budget
2. Approved FY 16/17 CIP Budget
3. Approved Construction Contract 9/18/18

Construction Timeline: Start: 3rd Qtr. - FY 17/18
Finish: 4th Qtr. - FY 18/19

Project Status: Complete

Project Adjustment:



OC-318-7

Site: Ocean Center – Retrofit Arena/Exhibit Hall Lighting to LED

Acquisition: N/A

Project Scope: Upgrade arena lighting system to LED fixtures with matching control system.

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

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 Action: Approved by County Council in FY 17/18 Budget
Design vendor selected September 4, 2018
Design contract awarded February 19, 2019

Construction Timeline: Start: 2nd Qtr. - FY 19/20
Finish: 4th Qtr. - FY 19/20

Project Status: 90% Construction documents were delivered on 10/25/19. County staff are reviewing. Design review meeting with consultant will be held 1st half of November.

Project Adjustment: Design timeline adjusted to match progress of design.

OC-318-12

Site: Ocean Center – Replace Arena Roof

Acquisition: N/A

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

Design Timeline: Start: 3rd Qtr. FY 17/18
Finish: 1st Qtr. FY 19/20

Project Cost:

| | |
|---------------------|---------------------|
| \$ 103,605 | Design |
| <u>\$ 1,450,000</u> | <u>Construction</u> |
| \$ 1,553,605 | Total |

Funding Sources: \$ 1,553,605 318 Ocean Center Capital Fund

Council Actions: TA for Design approved 4/17/18

Construction Timeline: Start: 2nd Qtr. - FY 19/20
Finish: 4th Qtr. - FY 19/20

Project Status: 100% Construction documents are due from consultant 11/15.

Project Adjustment: Design timeline adjusted to match progress of design.

OC-475-2

Site: Parking Garage - Lighting

Acquisition: N/A

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

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

Project Cost:

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

Funding Sources: \$ 216,000 475 Parking Garage Fund

Council Action: Approved by County Council in the FY 17/18 Budget
Design vendor selected September 4, 2018
Design contract awarded February 19, 2019

Construction Timeline: Start: 2nd Qtr. - FY 19/20
Finish: 4th Qtr. - FY 19/20

Project Status: 90% Construction documents were delivered on 10/25/19. County staff are reviewing. Design review meeting with consultant will be held 1st half of November.

Project Adjustment: Design timeline adjusted to match progress of design.

OC-475-4

Site: Parking Garage – Deck & Drainage Restoration

Acquisition: N/A

Project Scope: Replace sealant in all concrete joints throughout the parking garage

Design Timeline: Phase 1
Start: 2nd Qtr. - FY 18/19
Finish: 1st Qtr. - FY 19/20

Phase 2 & 3
Start: 3rd Qtr. - FY 19/20
Finish: 4th Qtr. - FY 19/20

Project Cost:

| | |
|--------------|---------------|
| \$ 74,265 | Design |
| \$ 1,017,735 | Construction |
| \$ 1,092,000 | Project Total |

Funding Sources: 475 Parking Garage Fund

Council Action: Council approval of FY 18/19 Budget.
Task Assignment for design approved by council on 2/5/19

Construction Timeline: Phase 1
Start: 2nd Qtr. - FY 19/20
Finish: 4th Qtr. - FY 19/20

Phase 2 & 3
Start: 1st Qtr. - FY 20/21
Finish: 3rd Qtr. - FY 20/21

Project Status: Construction Bid Request has been created and was signed off by senior county staff week of 10/21. Project is proceeding to Purchasing.

Project Adjustment: Design timeline adjusted to match progress of design.

PP-DOC-6

Site: Volusia County Branch Jail – 1300 Red John Drive, Daytona Beach

Acquisition: Original (1987) cast iron pipes in courtyards.

Project Scope: Potable Water Pipe Replacement
Phased replacement will coincide with roof project

Design Timeline: Start: 2nd Qtr. – FY 15/16
Finish: 2nd Qtr. - FY 17/18

Project Cost: \$ 400,000 total

Funding Sources: General Fund

Council Actions: 1. Council Approved: October 1, 2019

Construction Timeline: Start: 2nd Qtr. – FY 19/20
Finish: Multi Year Project - Phased

Project Status: Project deferred until FY 17/18 due to roof replacement project. Current potable water pipe replacement plans transition water supply pipes to the roof which provides better access for repairs and replacement when needed. Once a substantial portion of the work is completed on the roof the project will be initiated.

Project Adjustment: N/A

PP-DOC-8

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

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

Project 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.

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

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

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

Project 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.

Project Adjustment: Project cost was estimate.
Project cost updated to reflect bid award amount.

PP-DOC-9

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

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

Project 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.

Design Timeline: Start: 2nd Qtr. – FY 18/19
Finish: 3rd Qtr. - FY 19/20 – First Phase

Project Cost:

| | | |
|----|------------------|---------------------------|
| \$ | 65,000 | Assessment |
| \$ | 600,000 | Design & Engineering Cost |
| \$ | <u>7,850,000</u> | <u>Project Cost</u> |
| \$ | 8,515,000 | Total |

Funding Sources: 001-520-1500-6520 General Fund (multi-year)

Council Actions:

1. Approval of Assessment in FY 18/19 Budget.
2. Award of contract for security design/engineering services 9/4/18
3. County Council approved Task Assignment #1 2/19/19

Construction Timeline: Start: TBD
Finish: TBD

Project 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.

Project Adjustment: N/A

PP-DOC-10

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

Acquisition: Video Visitation System – 2008
Jail Management System – 2009
Inmate Phone System – 2011

Project 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.

Design Timeline: N/A

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
4. Award of contract for Jail Management System – 3rd Qtr. FY 18/19

Construction Timeline: 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: 4th Qtr. – FY 20/21

PP-DOC-10 (Continued)

Project Status:

The RFP closed on March 28th. This project is dependent upon the network infrastructure upgrade (PP-DOC-8), a competitive RFP solicitation, and implementation of three systems. Firms have been shortlisted by the evaluation committee on 9/13/18 to: JMS: Beacon, GTL, ICSolutions and Tribridge. Video Visitation and Inmate Phone: GTL, ICSolutions, Legacy and Securus. Scripted demos took place 1st Qtr FY 18/19. Contract negotiations are underway. Award recommendation 4th Qtr FY 18/19. **Project began in 4th Qtr FY18/19. The inmate phone system is complete. The remainder of the project is underway.**

Project Adjustment:

On November 30, 2018, the evaluation committee selected Beacon as the JMS provider and ICS for a combined WS/IPIS solution. Contract negotiations began during the 2nd Qtr FY 18/19. The final contract is expected to come before Council for approval in late June/early July. Implementation is expected in the 4th Qtr FY 18/19. **The project is underway.**

PP-DOC-12

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

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

Project Scope: Roof Replacement Project –Phase 3

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

Project Cost: \$ 77,000 Design
\$503,484 Construction
\$580,484 Total

Funding Sources: \$580,484 General Fund

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

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

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

Project Adjustment: Metal fabrication has delayed the completion of the project slightly.



PW-COS-6

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

Acquisition: July 2015
December 2015 - County Occupancy

Project 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.

Design Timeline: Start: 2nd Qtr. – FY 15/16
Finish: 4th Qtr. – FY 19/20

Project Cost: \$ 1,688,178 (Includes Demo and Design)

Funding Sources: \$ 1,688,178 Funded from Beach Capital

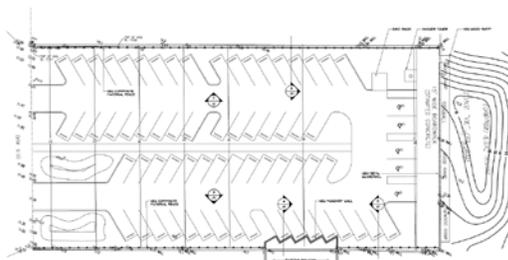
Council Actions: Purchase Approval May 7, 2015
Const. Funding Approved October 1, 2016
Demo Contract Awarded November 17, 2016

Construction Timeline: Start: 2nd Qtr. – FY 19/20
Finish: 4th Qtr. – FY 19/20

Project 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 2109 |
| CCCL Permit Received | August 2019 |

Project Adjustment: Bidding and construction delayed due to City of Daytona Beach objection to county ordinance preempting municipal building and zoning ordinances.



PW-COS-9

Site: Cardinal Avenue Off-beach Parking – 650 S. Atlantic Ave., Ormond Beach

Acquisition: April 2015

Project Scope: 124 total parking spaces, 6 handicapped spaces
Beach and Coastal North County Operations Facility
Landscaping, sidewalks, improved drainage and curbing

Design Timeline: Start: 4th Qtr. – FY 15/16
Finish: 1st Qtr. – FY 17/18

Project Cost: \$ 107,482 Design
\$ 1,950,709 Construction
\$ 2,058,191 Total

Funding Sources: \$ 2,058,191 Funded from Beach Capital

Council Actions: Purchase Approval April 16, 2015
Design Contract Approval August 4, 2016
Construction CO Approval July 2019

Construction Timeline: Start: 3rd Qtr. FY 17/18
Finish: 4th Qtr. FY 18/19

Project Status: City Site Plan Review January – March 2017
City variance submitted May 2017
City Board of Adjustments Meeting July 5, 2017

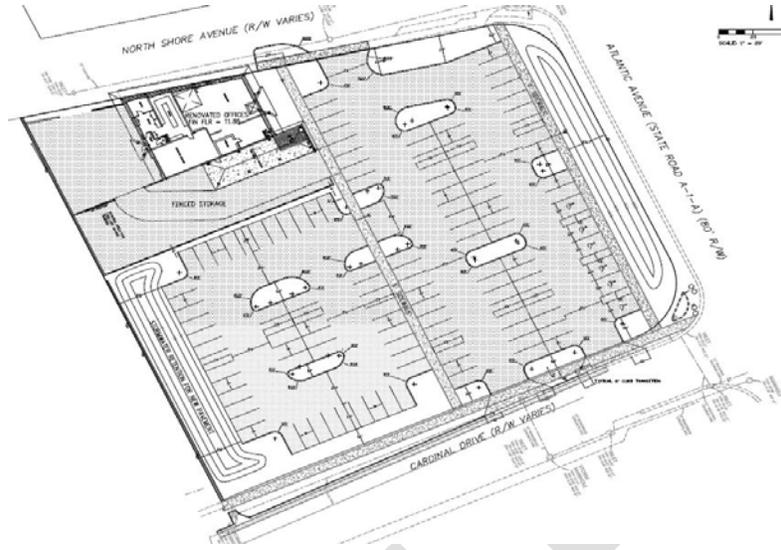
Design 100% complete December 2017
Gas station underground tank removal initiated December 2017
Gas station UST removal completed January 2018

UST groundwater testing conducted March 2018
Contractor Notice to Proceed June 2018
Asbestos Abatement Completed July 2018
Demolition 75% Complete August 2018

Grading, perimeter and building walls completed February 2019
Electrical 50% complete February 2019
Project Construction 85% Complete May 2019
Construction completed September 2019

Project Adjustment:

PW-COS-9 (Continued)



PW-COS-14

Site: Plaza Beach Ramp Public Access Improvements

Acquisition: N/A

Project 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.

Design Timeline: Start: 2nd Qtr. – FY 17/18
Finish: 1st Qtr. - FY 19/20

Project Cost: \$ 60,000 Design
\$ 475,000 Construction
\$ 535,000 Total

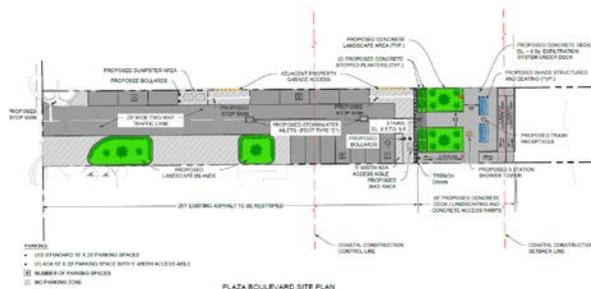
Funding Sources: \$ 320,000 Beach Capital
\$ 215,000 FEMA Hazard Mitigation Grant
\$ 535,000 Total

Council Actions: Task Assignment Awarded April 2018
Council approval of site plan June 2019

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

Project 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
FEMA approves grant funding May 2019
90% Plans Completed May 2019

Project Adjustment: CCCL Permitting Delays and extension of construction timeline due to FEMA contracting requirements



PW-COS-17

Site: 16th Avenue Off-Beach Parking & Beach Access

Project 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 Timeline: Start: 1st Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 19/20

Project Cost: \$ 168,643 Design
\$ 500,000 Construction
\$ 668,643 Total

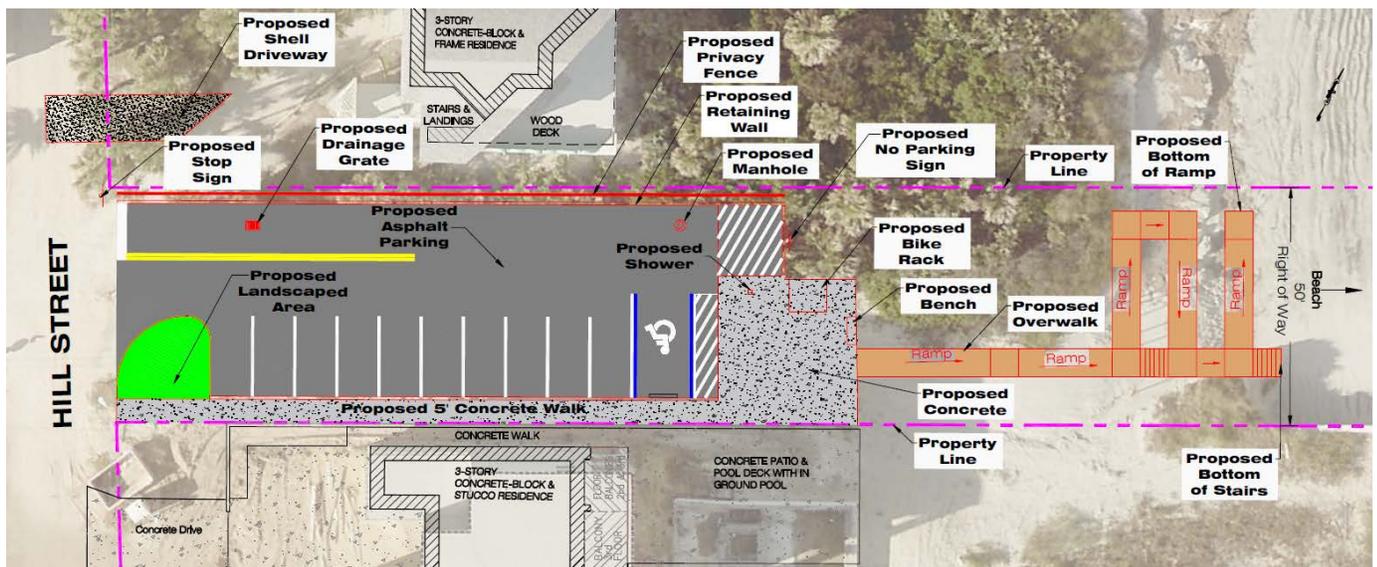
Funding Sources: \$668,643 Beach Capital

Council Actions: Approval of TA for parking lot design October 2, 2018
Approval of paved parking June 2019

Construction Timeline: Start: 3rd Qtr. – FY 19/20
Finish: 1st Qtr. – FY 20/21

Project 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

Project Adjustment: Delays in design and feasibility of project due to additional neighboring property owner and City inquiries.



PW-COS-18

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

Project 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 Timeline: Start: 1st Qtr. – FY 15/16
Finish: 1st Qtr. – FY 19/20

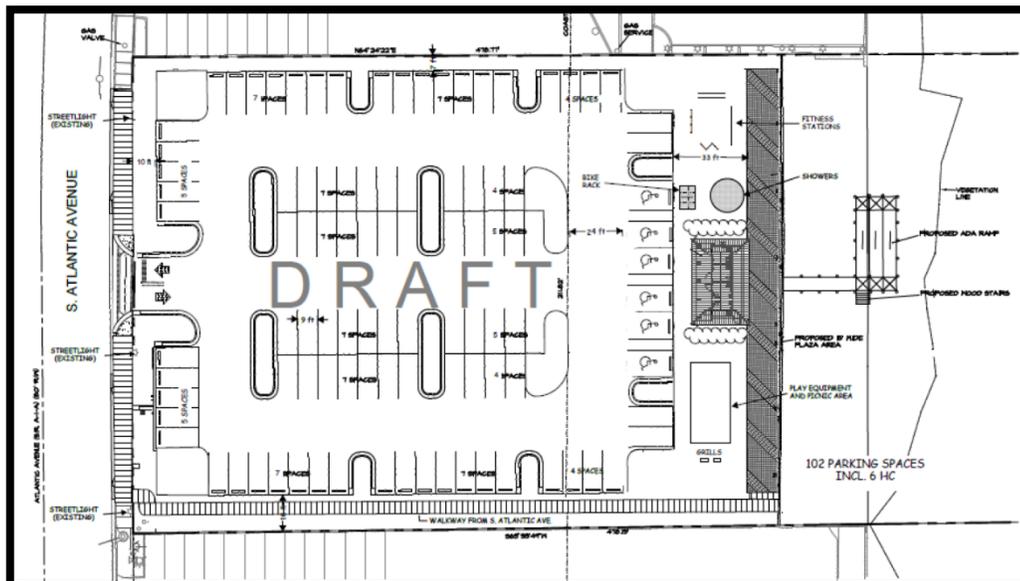
Project Cost: \$ 181,100 Design
\$ 1,800,951 Construction
\$ 1,982,051 Total

Funding Sources: \$ 1,982,051 from Beach Capital

Council Actions: Approval of TA for design November 2015
Agreement reached between DBS and County August 2018
Naming of Edwin W. Peck, Sr. Park December 2018

Construction Timeline: Start: 2nd Qtr. – FY 19/20
Finish: 1st Qtr. – FY 20/21

Project 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



PW-COS-19

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

Project 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 Timeline: Start: 1st Qtr. – FY 15/16
Finish: 1st Qtr. – FY 19/20

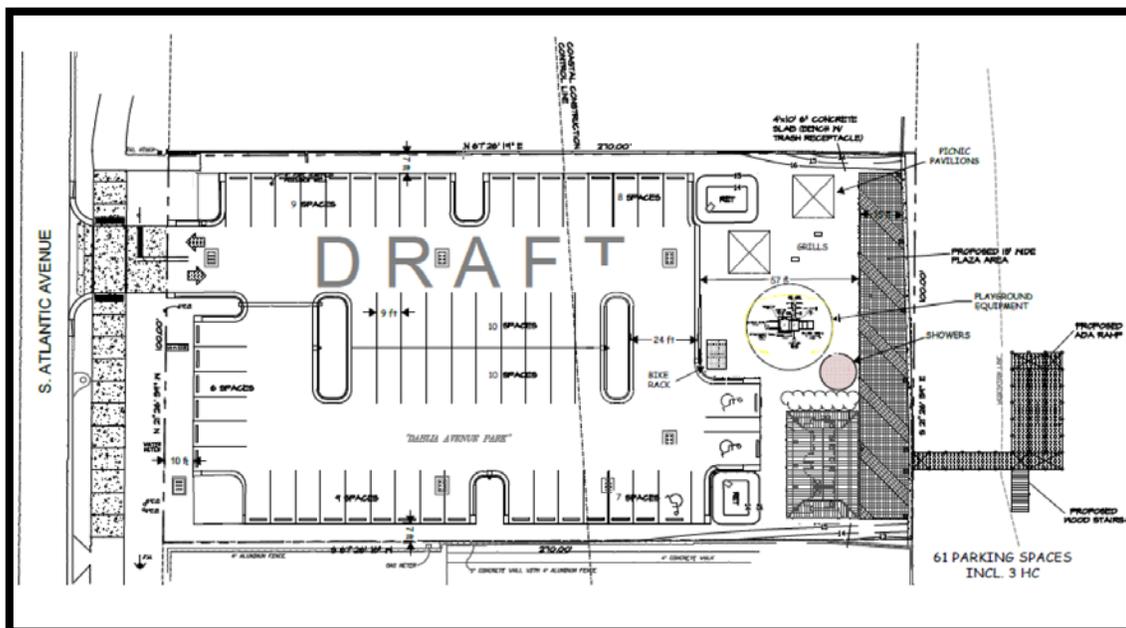
Project Cost: \$ 138,600 Design
\$ 1,062,562 Construction
\$ 1,201,162 Total

Funding Sources: \$ 1,201,162 from Beach Capital

Council Actions: Approval of TA for design November 2015
Agreement reached between DBS and County August 2018

Construction Timeline: Start: 2nd Qtr. – FY 19/20
Finish: 1st Qtr. – FY 20/21

Project 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



PW-DTT-6

Site: Thornby Park Water Quality Improvement Project

Acquisition: N/A

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.

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

Project Cost:

| | |
|-------------------|-----------------------|
| \$ 109,375 | Design and Permitting |
| <u>\$ 341,315</u> | <u>Construction</u> |
| \$ 450,690 | Total |

Funding Sources:

| | |
|-------------------|---|
| \$ 109,375 | Stormwater Utility |
| \$ 75,000 | SJRWMD grant |
| <u>\$ 266,315</u> | <u>FDEP grant, Stormwater Utility match</u> |
| \$ 450,690 | Total |

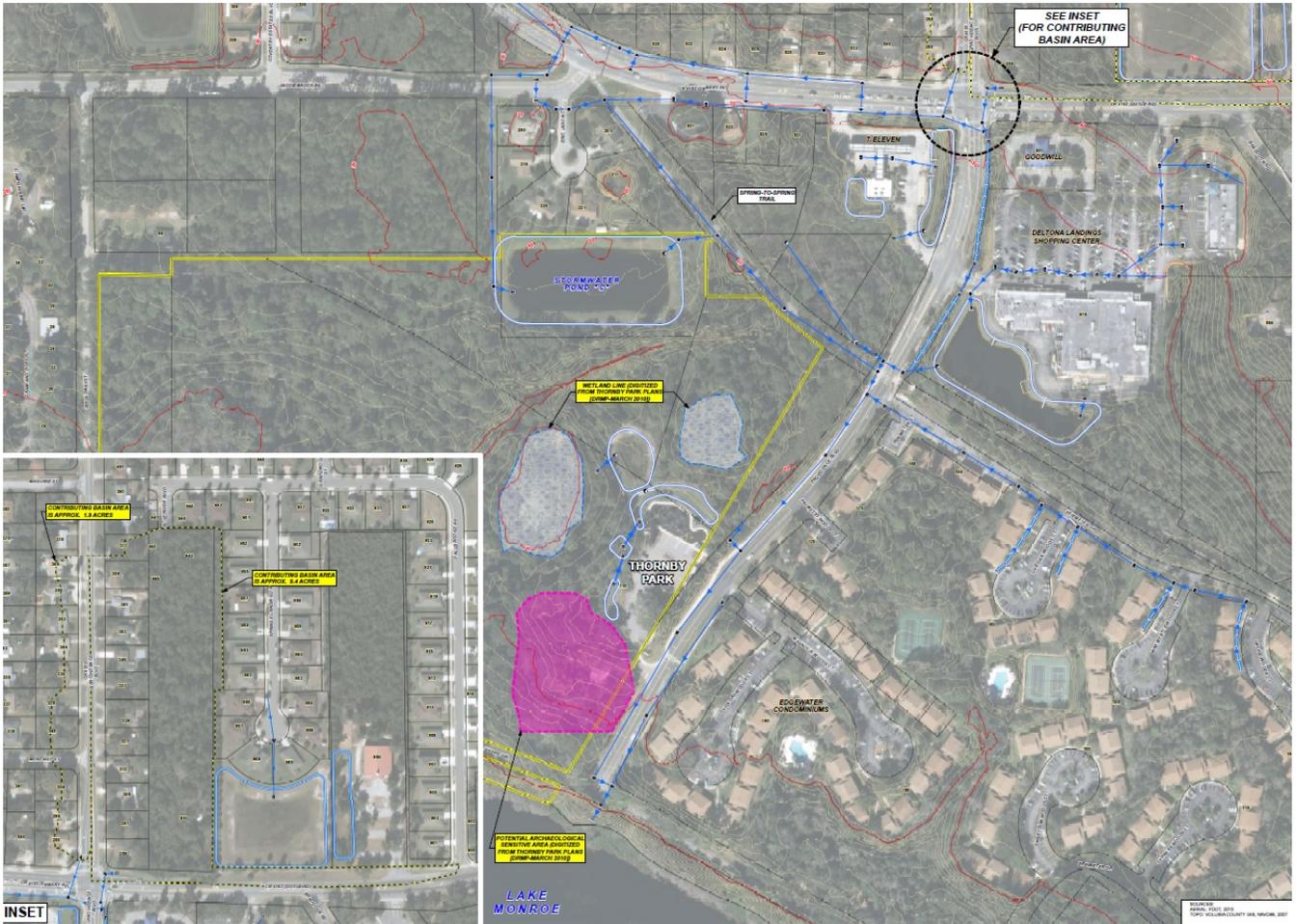
Council Actions:

1. Task assignment approved for design and permitting on August 21, 2018.
2. Cost-share agreement with SJRWMD approved on August 6, 2019.

Construction Timeline: Start: 2nd Qtr. – FY 19/20 (Dependent on Grant Funding)
Finish: 3rd Qtr. – FY 19/20

Project Status: Design is underway.

PW-DTT-6 (Continued)



PW-DTT-7

Site: Lake Beresford/Lakeside Drive Stormwater Improvement Project

Acquisition: Completed

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.

Design Timeline: Start: 4th Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 19/20

| | | |
|----------------------|-------------------|---------------------|
| Project Cost: | \$ 228,700 | Land Acquisition |
| | \$ 78,272 | Design & Permitting |
| | <u>\$ 271,728</u> | <u>Construction</u> |
| | \$ 578,700 | Total |

| | | |
|-------------------------|-------------------|---|
| Funding Sources: | \$ 228,700 | Stormwater Utility |
| | \$ 78,272 | Stormwater Utility |
| | <u>\$ 271,728</u> | <u>FDEP grant, SJRWMD grant, Stormwater Utility match</u> |
| | \$ 578,700 | Total |

Council Actions:

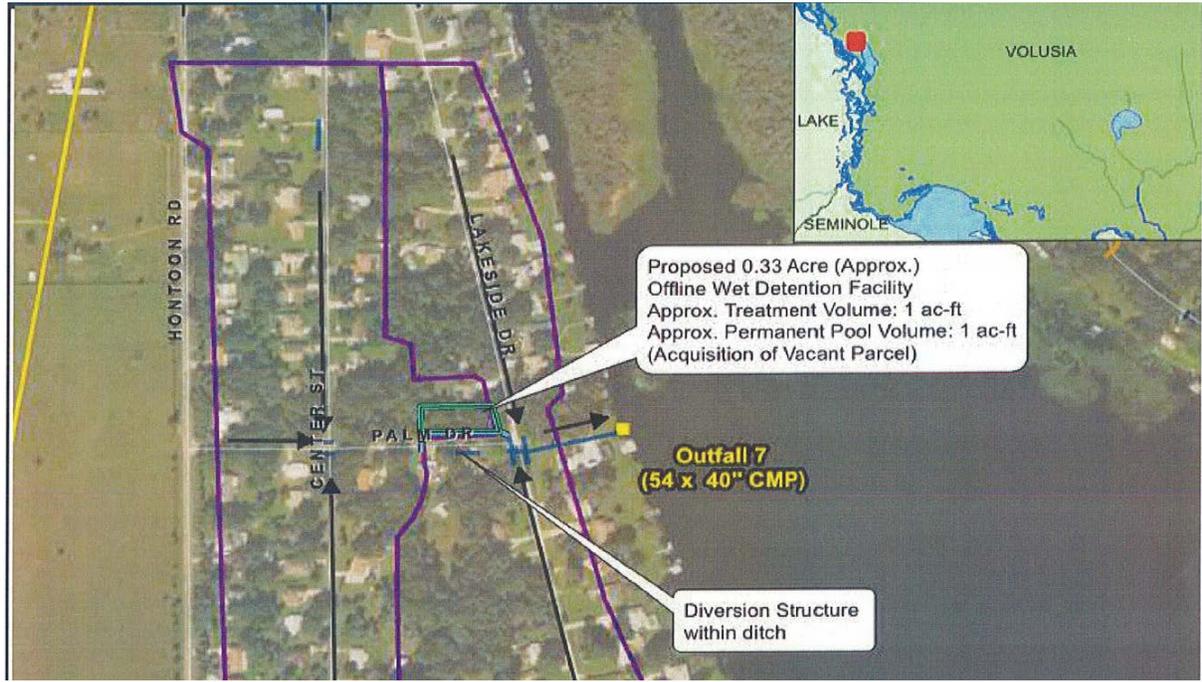
1. Land purchase approved on June 4, 2019.
2. Task assignment approved for design and permitting on June 18, 2019.

Construction Timeline: Start: 3rd Qtr. – FY 19/20 (dependent on grant funding)
Finish: 2nd Qtr. – FY 20/21

Project Status: Design is underway.

PW-DTT-7 (Continued)

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



PW-DTT-8

Site: Gabordy Canal at 10th Street Stormwater Treatment Facility

Acquisition: Completed

Project 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.

Design Timeline: Start: 1st Qtr. – FY 19/20
Finish: 3rd Qtr – FY 19/20

Project Cost:

| | |
|--------------|---------------------|
| \$ 199,960 | Design & Permitting |
| \$ 975,040 | <u>Construction</u> |
| \$ 1,175,000 | Total |

Funding Sources:

| | |
|-------------|---|
| \$ 100,000 | Indian River Lagoon Council grant |
| \$ 99,960 | Stormwater Utility match |
| \$ 975,040 | <u>FDEP grant, SJRWMD grant, Stormwater Utility match</u> |
| \$1,175,000 | Total |

Council Actions:

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

Construction Timeline: Start: 4th Qtr. – FY 19/20 (dependent on grant funding)
Finish: 4th Qtr. – FY 20/21

Project Status: Design is scheduled to begin in the 1st quarter of FY 19/20.

PW-DTT-8 (Continued)

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



PW-DTT-9

Site: Ariel Canal Water Quality Improvement Project

Acquisition: Completed

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.

Design Timeline: Start: 1st Qtr. – FY 19/20
Finish: 3rd Qtr – FY 19/20

Project Cost:

| | |
|-------------------|------------------------|
| \$ 74,715 | Engineering Evaluation |
| \$ 76,415 | Design & Permitting |
| <u>\$ 775,000</u> | <u>Construction</u> |
| \$ 926,130 | Total |

Funding Sources:

| | |
|-------------------|---|
| \$ 74,715 | Stormwater Utility |
| \$ 76,415 | Stormwater Utility |
| <u>\$ 775,000</u> | <u>FDEP grant, SJRWMD grant, Stormwater Utility match</u> |
| \$ 926,130 | Total |

Council Actions:

1. Engineering evaluation approved on March 5, 2019.
2. Task assignment approval for design and permitting on October 1, 2019.

Construction Timeline: Start: 1st Qtr. – FY 20/21 (dependent on grant funding)
Finish: 4th Qtr. – FY 20/21

Project Status: Design will be underway after task assignment approval on October 1, 2019.

PW-DTT-9 (Continued)

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



PW-ENG-5061

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

Acquisition: ROW acquired

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

Design Timeline: Finish: 2nd Qtr. - FY 19/20

Project Cost:

| | |
|----------------------|---------------------|
| \$ 1,232,288 | Acquisition |
| \$ 1,449,799 | Design |
| <u>\$ 10,084,000</u> | <u>Construction</u> |
| \$ 12,766,087 | Total |

Funding Sources:

| | |
|---------------------|--------------------------|
| \$ 5,593,496 | Local Option Gas Tax |
| \$ 2,800,000 | CBIR Grant – State grant |
| <u>\$ 4,372,591</u> | <u>Bond Funding</u> |
| \$ 12,766,087 | Total |

Council Actions:

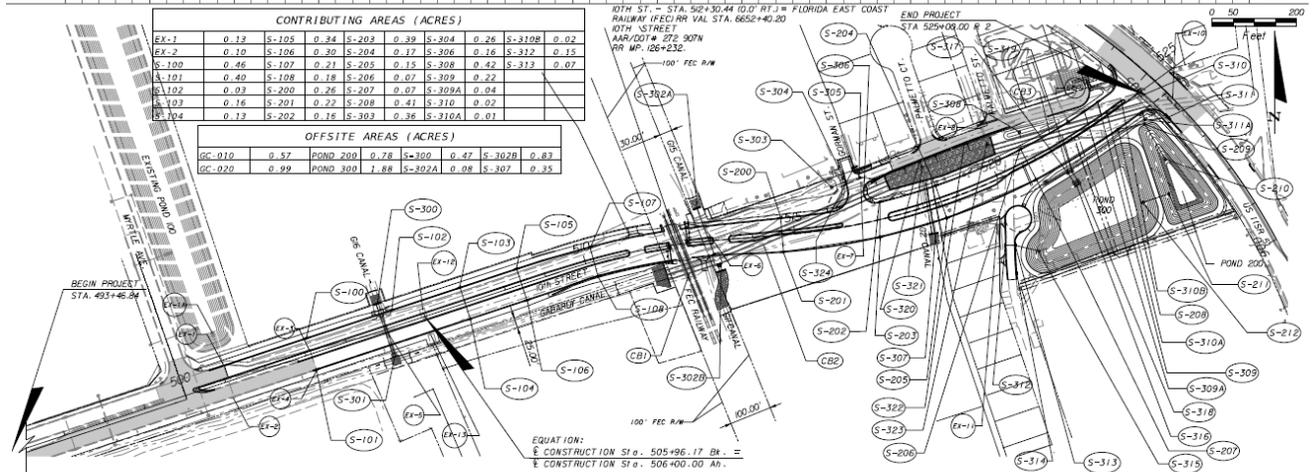
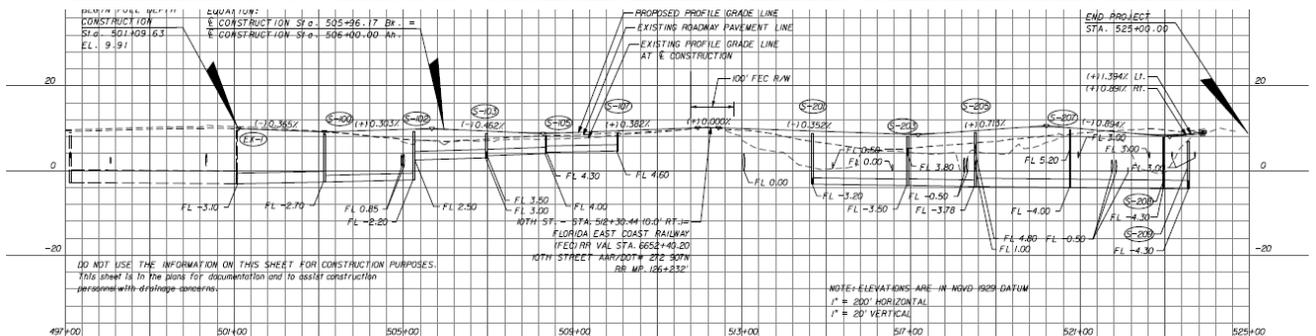
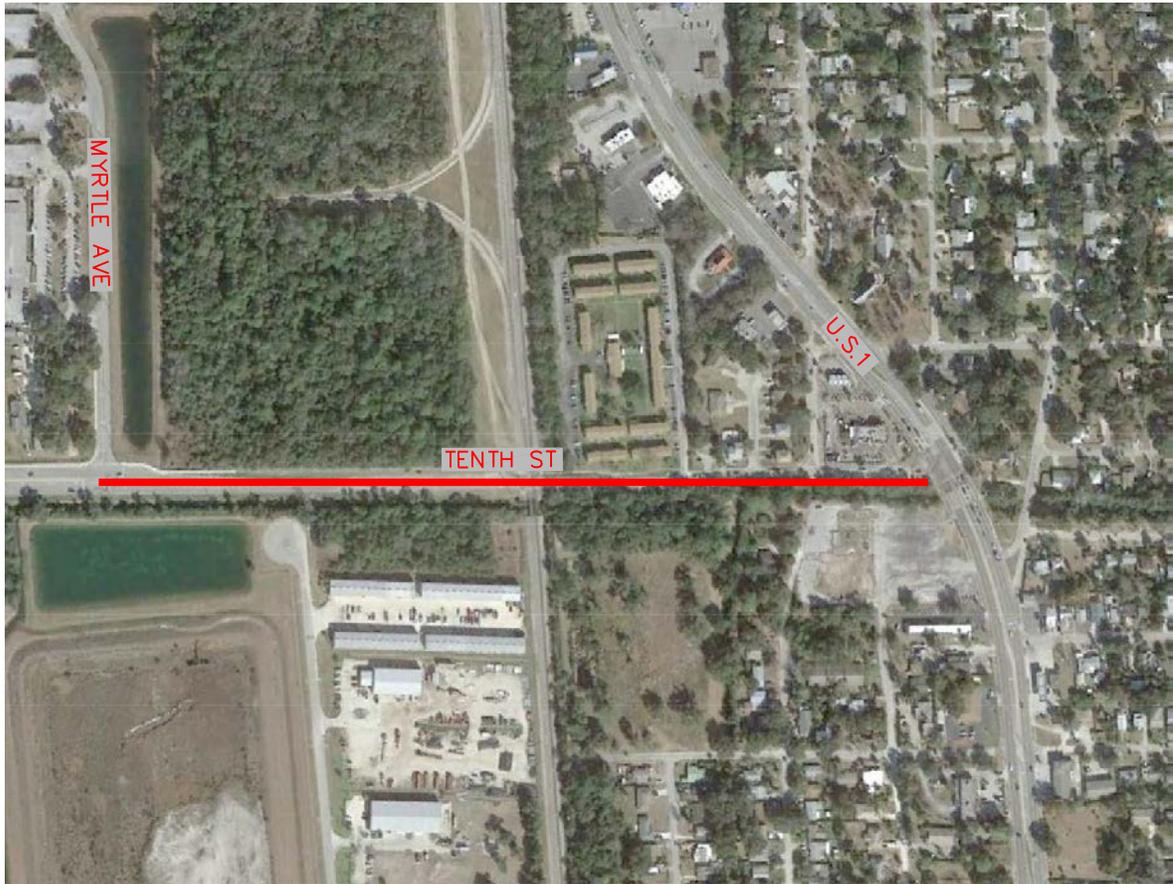
1. CBIR state grant - Budget resolution expired –will need new budget resolution to award contract
2. Design awarded March 18, 2010
3. Amended design award April 7, 2011
4. Task Assignment Amendment September 10, 2015
5. Agreement for Exchange of Real Property – BG Edgewater, LLC (trade pond location for alternate site) October 2, 2018
6. Task Assignment Amendment October 2, 2018

Construction Timeline: Start: 3rd Qtr. - FY 19/20
Finish: 1st Qtr. - FY 20/21

Project Status: FDOT District 5 Rail pursuing funds to support rail crossing improvements
Design revision based on pond parcel swap underway
SWERP issued/ACOE issued – SWERP will need to be updated pending revised plans

Project Adjustment: Updated funding based on updated construction estimate.

PW-ENG-5061 (Continued)



| CONTRIBUTING AREAS (ACRES) | | | | | | | | | |
|----------------------------|------|-------|------|-------|------|--------|------|--------|------|
| EX-1 | 0.19 | S-103 | 0.34 | S-203 | 0.39 | S-304 | 0.26 | S-310B | 0.02 |
| EX-2 | 0.19 | S-106 | 0.30 | S-204 | 0.17 | S-306 | 0.16 | S-312 | 0.15 |
| S-100 | 0.46 | S-107 | 0.21 | S-205 | 0.15 | S-308 | 0.42 | S-313 | 0.07 |
| S-101 | 0.40 | S-108 | 0.18 | S-206 | 0.07 | S-309 | 0.22 | | |
| S-102 | 0.03 | S-200 | 0.26 | S-207 | 0.07 | S-309A | 0.04 | | |
| S-103 | 0.16 | S-201 | 0.22 | S-208 | 0.41 | S-310 | 0.02 | | |
| S-104 | 0.13 | S-202 | 0.16 | S-303 | 0.36 | S-310A | 0.01 | | |

| OFFSITE AREAS (ACRES) | | | | | | | |
|-----------------------|------|----------|------|--------|------|--------|------|
| GC-010 | 0.57 | POND 200 | 0.78 | S-100 | 0.47 | S-102B | 0.83 |
| GC-020 | 0.99 | POND 300 | 1.88 | S-202A | 0.08 | S-307 | 0.33 |

PW-ENG-5240

Site: Howland Blvd Widening – Providence Blvd to Elkcarn Blvd in Deltona

Acquisition: Need ROW for storm ponds
Start: 3rd Qtr FY 17/18
Finish: 2nd Qtr FY 19/20

Project Scope: 2 lane to 4 lane widening

Design Timeline: Start: 2nd Qtr. - FY 16/17
Finish: 4th Qtr. - FY 18/19

Project Cost: \$ 2,260,926 Acquisition
\$ 1,012,763 Design
\$ 14,576,455 Construction
\$ 17,850,144 Total

Funding Sources: \$ 5,223,689 Bond Funding
\$ 79,356 Proportionate Fair Share
\$ 12,523,410 Local Option Gas Tax
\$ 17,850,144 Total

Council Actions:

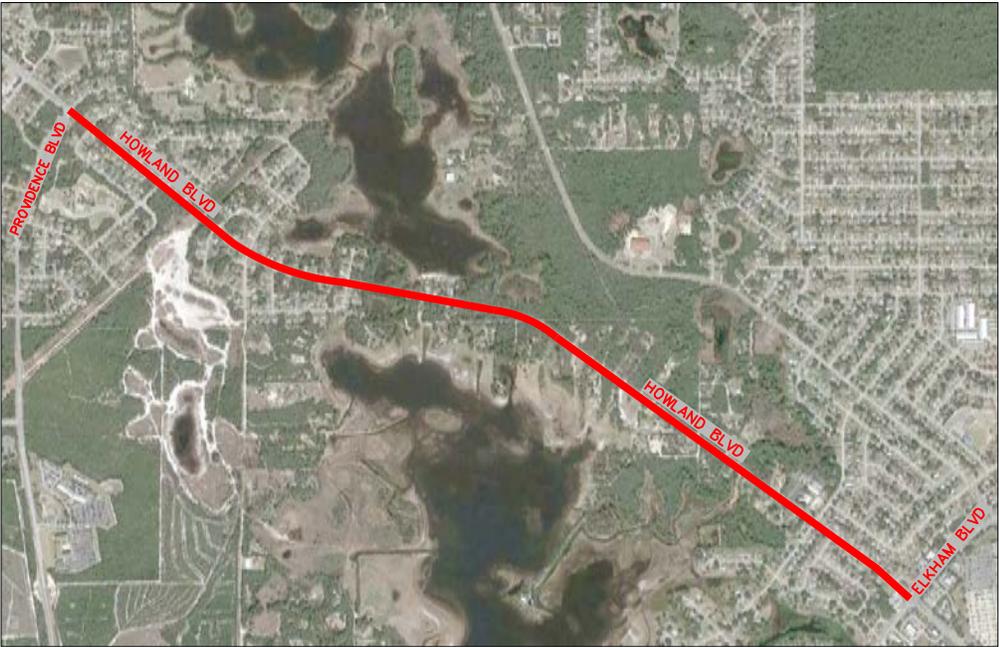
| | |
|---|-------------------|
| 1. Design Consultant Contract Approval | October 19, 2017 |
| 2. ROW Acquisition – Pond 2 (partial) | November 13, 2018 |
| 3. ROW Acquisition – Pond 3 (partial) | December 18, 2018 |
| 4. Design Consultant Contract Amendment | March 5, 2019 |
| 5. ROW Acquisition – Pond 3 (partial) | March 19, 2019 |

Construction Timeline: Start: 1st Qtr. - FY 19/20
Finish: 1st Qtr. - FY 21/22

Project Status: Design ongoing
Acquiring additional easements for grading
City of Deltona Utilities plans & JPA pending. Temporary traffic control for the utilities between Austin Ave. and Elkcarn Blvd. will be presented to the Deltona City Commission in November.

Project Adjustment: Revised Local Option Gas Tax funding amount to account for lack of grant funds.
Updated project cost based on latest construction cost estimate. Revised Acquisition timeline based on acquisition issues with 2 parcels.

PW-ENG-5240 (Continued)



PW-ENG-5351-1

Site: Veterans Memorial Bridge - Bridge replacement in Daytona Beach

Acquisition: Completed

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

Design Timeline: Completed

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

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

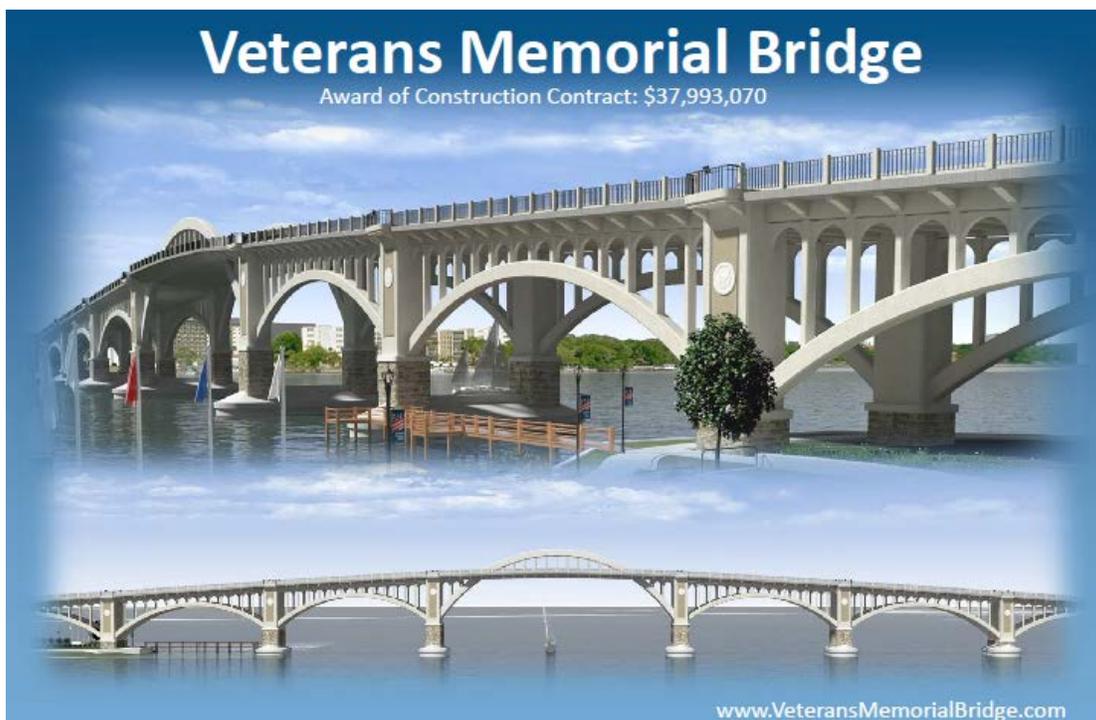
Council Actions:

| | |
|-------------------------------------|-------------------|
| 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 |

Construction Timeline: Start: 3rd Qtr. - FY 15/16
Finish: 2nd Qtr. – FY 19/20

Project Status: Under Construction

Project Adjustment: N/A



PW-ENG-5395

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

Acquisition: ROW donation agreement to go to DeLand City Commission Oct. 2019.

Project Scope: 2-lane to 4-lanes

Design Timeline: Start: 2nd Qtr. - FY 16/17
Finish: 1st Qtr. - FY 19/20

Project Cost: \$ 861,050 Design
\$ 10,754,505 Construction
\$ 11,615,555 Total

Funding Sources: \$ 3,432,340 Impact Fees
\$ 219,488 Proportionate Fair Share
\$ 2,093,710 Local Option Gas Tax
\$ 5,870,017 Bond Funding
\$ 11,615,555 Total

Council Actions: 1. Design Consultant Contract Approval November 16, 2017
2. Design Consultant Contract Amendment August 20, 2019

Construction Timeline: Start: 2nd Qtr. - FY 19/20
Finish: 4th Qtr. - FY 20/21

Project Status: Design ongoing
Public meeting - July 2018 at Victoria Gardens Country Club
Coordinating JPA for utility relocations with City of DeLand

Project Adjustment: Status updated to reflect City utility plans, finalization of ROW donation agreement and design contract amendment



PW-ENG-5511-3

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

Acquisition: None

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

Design Timeline: Start: 3rd Qtr. – FY 17/18
Finish: 1st Qtr. - FY 19/20

Project Cost: \$ 3,038,018

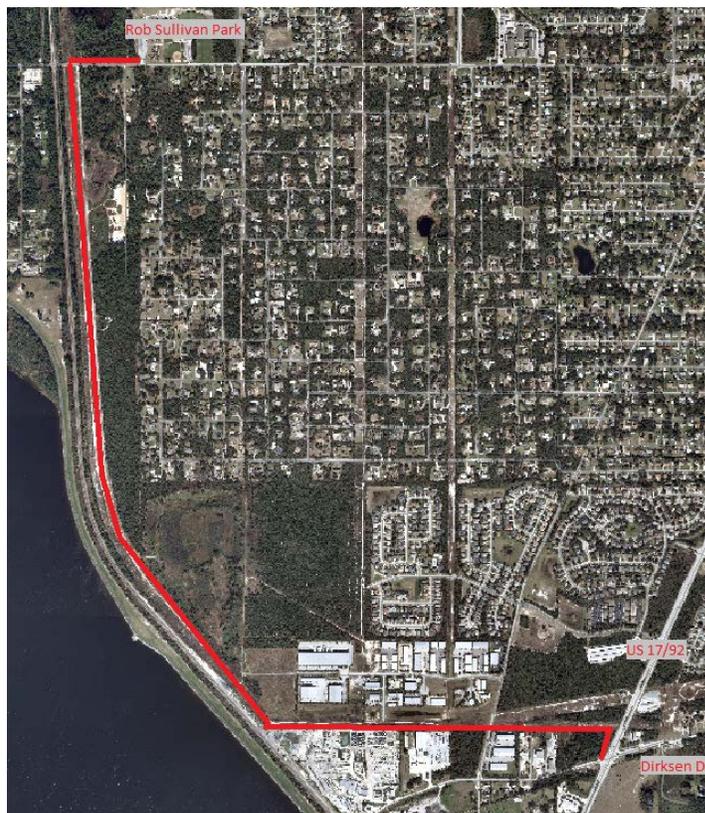
| | | |
|-------------------------|---------------------|------------------------|
| Funding Sources: | \$ 195,200 | ECHO Trail Funds |
| | \$ 272,160 | LAP Grant – FDOT |
| | <u>\$ 2,570,658</u> | <u>SUN Trail Grant</u> |
| | \$ 3,038,018 | Total |

Council Actions: 1. LAP Grant Approval – Design April 6, 2017
2. Supplemental LAP Grant Agreement December 18, 2018

Construction Timeline: Start: 2nd Qtr. - FY 19/20
Finish: 3rd Qtr. - FY 20/21

Project Status: Design Ongoing
Coordinating easements with Duke Energy, FPL, City and others

Project Adjustment: Revised design schedule due to delays with tri-party agreement with Duke and City of DeBary.



PW-ENG-5712

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

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

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

Design Timeline: Start: 4th Qtr. - FY 15/16
Finish: 2nd Qtr. - FY 17/18

Project Cost: \$ 403,317 Design
\$ 3,780,682 Construction
\$ 4,183,999 Total

Funding Sources: \$ 3,683,289 Local Option Gas Tax
\$ 500,710 City of Edgewater
\$ 4,183,999 Total

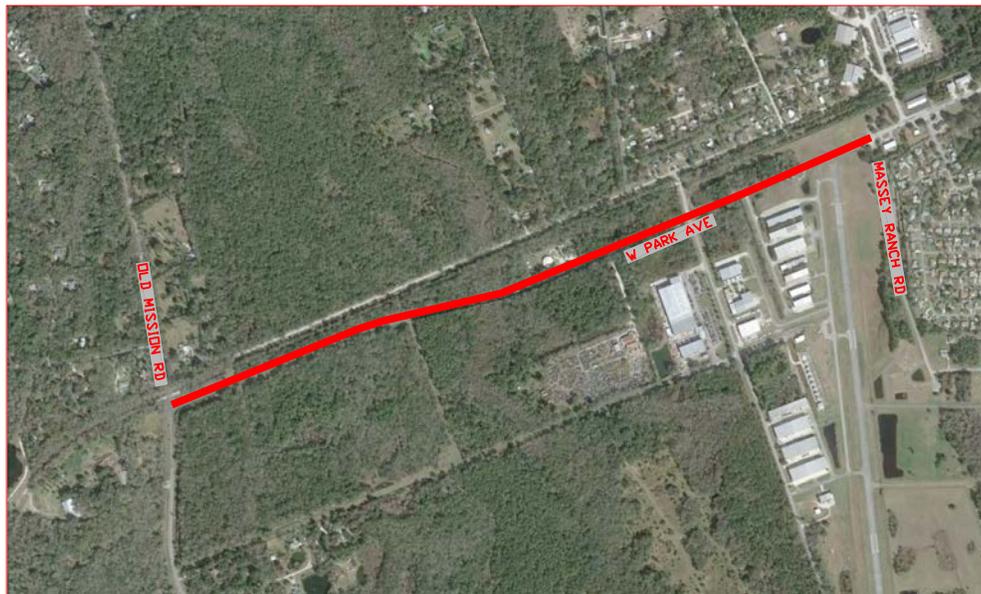
Council Actions:

| | |
|------------------------------------|---------------|
| 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 |

Construction Timeline: Start: 3rd Qtr. – FY 17/18
Finish: 1st Qtr. – FY 19/20

Project Status: Construction underway
Mitigation approved – Permit in hand.

Project Adjustment: N/A



PW-ENG-5797

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

Acquisition: Stormwater pond relocation agreement November 2019.

Project Scope: 2 lane to 4 lane widening

Design Timeline: Plans originally completed in FY 11/12.
Update of plans:
Start: 3rd Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 18/19

Project Cost:

| | |
|---------------------|---------------|
| \$ 182,875 | Design Update |
| \$ 5,100,000 | Construction |
| \$ 5,282,875 | Total |

Funding Sources:

| | | |
|---------------------|--|----------------------|
| \$ 782,214 | minus the Subaru amount | Local Option Gas Tax |
| \$ 1,796,043 | Development Proportionate Fair Share – TTC – Phase I | |
| \$ 546,471 | Development Proportionate Fair Share – Tomoka Pointe | |
| \$ 133,019 | Development Proportionate Fair Share – Yeoman Honda | |
| \$ 63,564 | Development Proportionate Fair Share – Subaru | |
| \$ 1,961,564 | Florida Job Growth Grant – FDEO | |
| \$ 5,282,875 | 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

Construction Timeline: Start: 4th Qtr. – FY 18/19
Finish: 4th Qtr. – FY 19/20

Project Status: Updated funding based on approved design contracts and additional proportionate fair share funding. County and adjacent property owner finalizing stormwater pond relocation agreement for Council consideration.



PW-MSC-1

Site: Marine Science Center Renovation

Acquisition: None

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

Design Timeline: Start: 2nd Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 18/19

Project Cost: \$1,478,326

Funding Sources: \$1,478,326 General Fund

- Council Actions:**
1. Electrical Study NTP issued 10/25/2017
 2. Amendment for Engineering & Architectural Design issued on 3/2/2018
 3. Project included in adopted budget approved by council 9/18/18
 4. Roof repair contract awarded 9/18/18
 5. Electrical update contract awarded 4/16/19.

Construction Timeline: Start: 3rd Qtr. – FY 18/19
Finish: 1st Qtr. – FY 20/21

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

Project Adjustment: Council actions updated to reflect award of electrical update. Updated status to reflect start of electrical work and status of ADA and roofing portions of project.



PW-RB-1

Site: Public Works Northeast Services Facility

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

Acquisition Timeline: Start: 3rd Qtr. – FY 17/18
Finish: 1st Qtr. – FY 18/19

Project 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.

Design Timeline: Start: 1st Qtr. – FY 18/19
Finish: 1st Qtr. – FY 19/20

Project Cost:

| | |
|---------------------|---------------------|
| \$ 286,998 | Land |
| \$ 1,004,561 | Design |
| <u>\$15,708,441</u> | <u>Construction</u> |
| \$17,000,000 | Total |

Funding Sources:

| | |
|---------------------|--|
| \$ 15,000,000 | Transportation Trust |
| <u>\$ 2,000,000</u> | <u>Stormwater Utility</u> |
| \$ 17,000,000 | Total Public Works Service Center Fund |

Council Actions:

1. Land purchase approved by council on October 30, 2018
2. \$892,066 A/E contract awarded by council to AECOM on November 13, 2018
3. CMGC firm, AJAX Building Corporation, and \$104,250 for Part A cost approved by council on November 13, 2018

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

Project Status: Land Acquisition is complete
Design is underway.

Project Adjustment: N/A



PW-SW-4

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

Acquisition: N/A

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

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

Project Cost:
\$ 43,300 Design
\$ 339,124 Construction
\$ 382,424 Total

Funding Sources \$ 382,424 Solid Waste Funded

Council Actions: Recommendation of Award November 5, 2019

Construction Timeline: Start: 4th Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 19/20

Project 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

Project Adjustment: Construction timeline adjusted to accommodate delay in solicitation process.
Project cost increased due to increased storage needed for the waste and reuse area.

PW-SW-5

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

Acquisition: N/A

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

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

Project Cost:

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

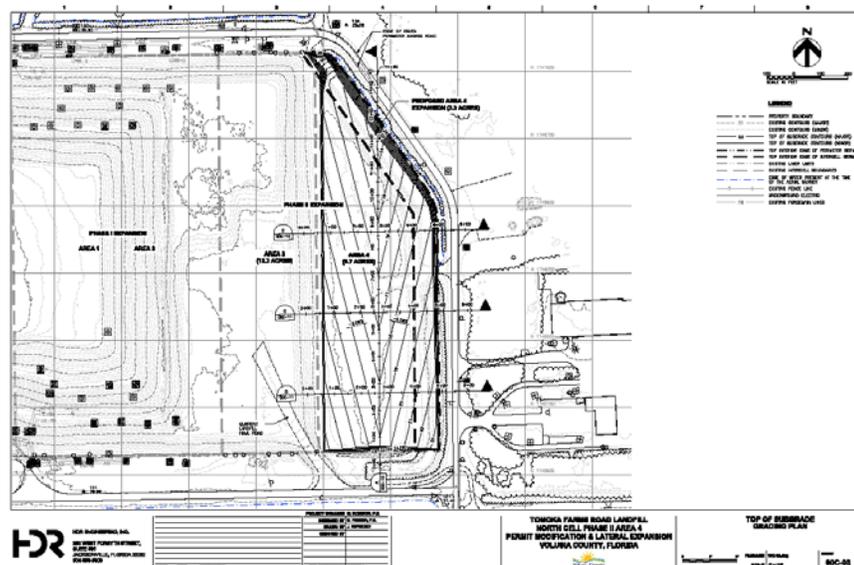
Funding Status: \$ 9,093,428 Solid Waste Funded

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

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

Project 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

Project Adjustment: Construction timeline adjusted due to delay in fabrication of liner materials.



PW-TE-9

Site: Pioneer Trail & Enterprise Avenue in New Smyrna Beach

Acquisition: N/A

Project Scope: New Traffic Signal – Conversion from concrete poles to mast arm

Design Timeline: Start: 1st Qtr. – FY 18/19
Finish: 3rd Qtr. – FY 18/19

Project Cost: \$ 279,088

Funding Sources: \$ 30,737 Design - Local Option Gas Tax
\$ 248,351 Construction - Local Option Gas Tax
\$ 279,088 Total

Council Actions: Approved FY 18/19 Budget

Construction Timeline: Start: 4th Qtr. – FY 18/19
Finish: 4th Qtr. - FY 19/20

Project Status: Design NTP 11/02/18 (TA 33, PC-2474), Final Design Plans being finalized. Anticipate Construction NTP in July 2019.

Project Adjustment: Construction start moved from June to July (4th Quarter). Construction costs came in under budget.



PW-TE-10

Site: Saxon Boulevard & Market Place in Orange City

Acquisition: Start: 4th Qtr.– FY 18/19
End: 2nd Qtr.– FY 19/20

Project Scope: New Traffic Signal – Conversion from concrete poles diagonal span to box span

Design Timeline: Start: 1st Qtr. – FY 18/19
Finish: 1st Qtr. – FY 19/20

Project Cost: \$ 331,400

Funding Sources:

| | |
|-------------------|--|
| \$ 31,400 | Design - Local Option Gas Tax |
| <u>\$ 300,000</u> | <u>Construction - Local Option Gas Tax</u> |
| \$ 331,400 | Total |

Council Actions: Approved FY 17/18 Budget

Construction Timeline: Start: 2nd Qtr. – FY 19/20
Finish: 1st Qtr. – FY 20/21

Project Status: Design NTP 11/19/18 (TA 34, PC-2479). Preliminary Design Plans under review.

Project Adjustment: 90% Design completed, Pending Right-of-Way acquisition.



PW-WRU-5

Site: Deltona North Water Treatment Plant Facility Upgrades

Acquisition: None Required

Project 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.

Design Timeline: Start: 2nd Qtr. – FY 16/17
Finish: 1st Qtr. – FY 17/18

Project Cost: \$ 255,176 Engineering
\$ 1,962,715 Construction
\$ 2,217,891 Total

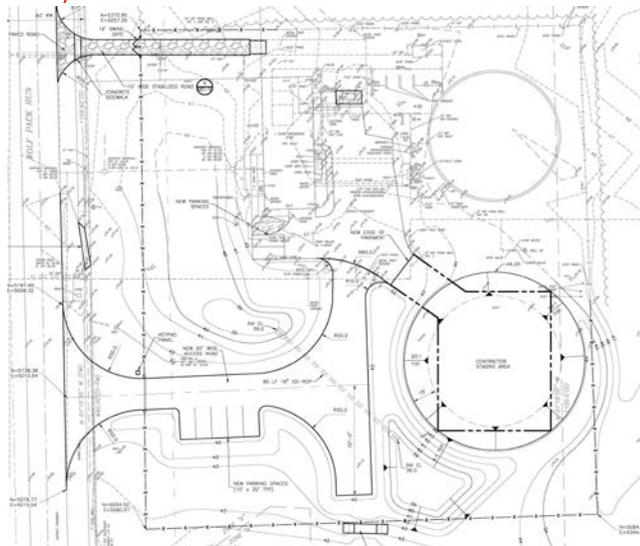
Funding Sources: \$ 2,217,891 Funded from WRU Budgeted/Appropriated Funds

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

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

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

Project Adjustment: N/A



PW-WRU-8

Site: Advanced Meter Infrastructure (AMI)

Acquisition: N/A

Project 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.

Design Timeline: N/A

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

Construction Timeline: Start: 1st Qtr. - FY 18/19
Finish: 1st Qtr. – FY 19/20

Project 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 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-9

Site: Glen Abbey Subdivision Reclaimed Water Main Extension

Acquisition: N/A

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

Design Timeline: Start: 1st Qtr - FY 18/19
Finish: 3rd Qtr - FY 18/19

Project Cost: \$501,000 Engineering and Construction

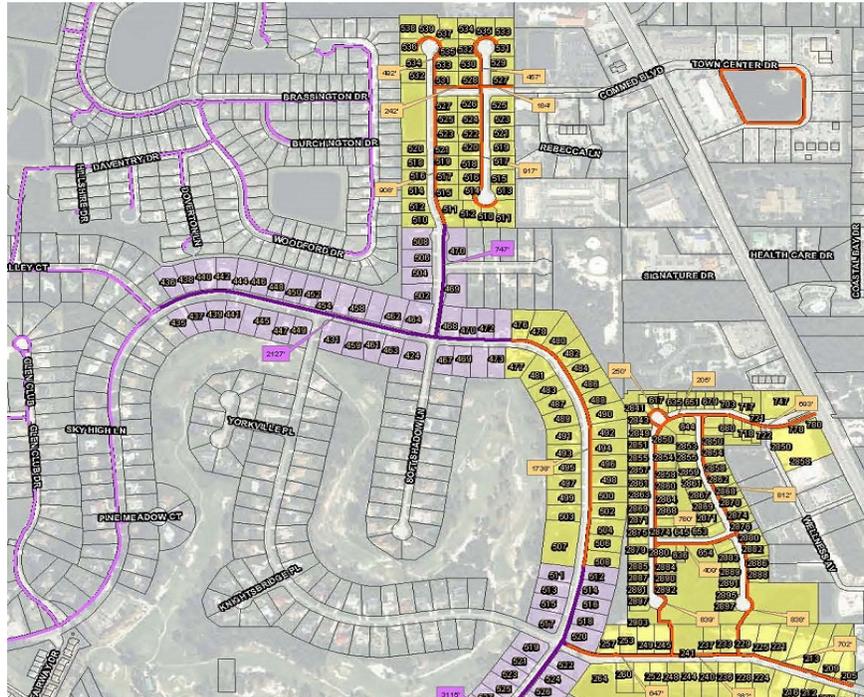
Funding Sources \$501,000 Water Resources and Utilities Operating Funds

Council Actions: Design services approval November 13, 2018
Construction services approval September 17, 2019

Construction Timeline: Start: 1st Qtr FY 19/20
Finish: 3rd Qtr FY 19/20

Project Status: Design complete

Project Adjustment: N/A





CAPITAL PROJECT SCHEDULE

FY 18/19

Completed Projects

(current quarter completed projects in main section)

Revised 10/1/19

BS-CES-1

| | |
|-------------------------------|--|
| Site: | New Court/ Central Services Warehouse - Indian Lake Road, adjacent to Facilities Services. |
| Acquisition: | Location currently owned by Volusia County. |
| Project Scope: | Construct new building and related improvements at another property. Warehouse to provide secure storage of documents, materials, supplies and equipment. Includes integrated security system, building automation and climate control for court records. |
| Design Timeline: | Start: 1 st Qtr. – FY 16/17 Finish: 3 rd Qtr. – FY 17/18 |
| Project Cost: | \$ 3,400,000 |
| Funding Sources: | \$ 3,400,000 Court/Central Services Warehouse (368-930-4190-6200) |
| Council Actions: | 10 year capital improvement plan approved by council 3 rd Qtr. FY 14/15 Architectural Design Firm (Schenkel Shultz) Selection on April 6, 2017. Architectural Design Firm approved SOW & Fee on September 7, 2017. CM/GC Firm Selection (Wharton-Smith) on August 7, 2017. CM/GC Part A (pre-construction) SOW & Fee on December 21, 2017. CM/GC Part B (Construction) GMP August 7, 2018. |
| Construction Timeline: | Start: 4 th Qtr. – FY 16/17 Finish: 3 rd Qtr. – FY 18/19 |
| Project Status: | Advertisement of request for qualifications for design Consultant on 12/04/16. Request for Qualifications closed on 1/26/17. First meeting with design Consultant to discuss Scope of Work (SOW) on 4/14/17. Received final SOW & Fee proposal from design Consultant and Sent to Purchasing on 8/1/17. Advertisement of request for qualifications for CM/GC 7/2/17 Request for qualifications for CM/GC closed on 08/03/17 Design finalized Permitting in progress GMP finalized Groundbreaking projected for late September /early October 2018 Construction underway and on schedule Substantial Completion date: 5/24/2019 |
| Project Adjustment: | Project Completed. |

BS-CES-1 (Continued)



COM

CS-LIB-3

| | |
|-------------------------------|---|
| Site: | Hope Place Library Services Facility |
| Acquisition: | Donation approved July 6 th , 2017 by County Council |
| Project Scope: | Construct a new neighborhood branch library. |
| Design Timeline: | Start: 1 st Qtr. - FY 16/17 Finish: 2 nd Qtr. - FY 17/18 |
| Project Cost: | \$ 94,887 Design \$ 971,771 Construction \$ 1,066,658 Total |
| Funding Sources: | \$ 1,066,658 Community Development Block Grant (CDBG) |
| Council Actions: | 1. Architectural Design Firm Selection March 2, 2017 2. Architectural Design Awarded March 2, 2017 3. CMGC Firm Selection May 4, 2017 Part A (pre-construction) 4. CMGC Approval March 6, 2018 Part B (construction) |
| Construction Timeline: | Start: 3 rd Qtr. - FY 17/18 Finish: 3 rd Qtr. - FY 18/19 |
| Project Status: | Conceptual design complete. Schematic design at 30%. Negotiating Part A fee of Task Assignment with CMGC Architectural Design Firm Task Assignment Initiated: 1 st Qtr. FY 16/17 Advertisement of CMGC Solicitation for Bid: 1 st Qtr. FY 17/18 Prebid Meeting 1 st Qtr. FY 17/18 Project addendum issued 2 nd Qtr. FY 17/18 Subcontractor Bids due 2 nd Qtr. FY 17/18 Guaranteed maximum price to County Council 2 nd Qtr. FY 17/18 Construction Kickoff Meeting March 22, 2018 Notice to Proceed April 16, 2018 Construction at about 75% completion Exterior canopy and concrete work left to complete Completed on May 16, 2019 Ribbon cutting held on June 19, 2019 |
| Project Adjustment: | Change in finish date due to 23 days' inclement weather and 30 days of foundation redesign. Manufacturer delay in glass and storefront delivery. Contractor scheduling includes additional delays as well. Construction estimated completion is now projected to be mid to late April. |

CS-LIB-3 (Continued)



HOPE PLACE PUBLIC LIBRARY

HALL & OBLE
ARCHITECTS, INC.
1000 W. 10th St., Suite 100
Tulsa, Oklahoma 74106
Phone: 918.438.1111
Fax: 918.438.1112
www.hallandoble.com



CS-LIB-3 (Continued)



CS-LIB-3 (Continued)



LEETE

CS-PRC-18

Site: Highbridge Park (Restrooms)

Acquisition: County owned property

Project Scope: Replace restroom for ADA compliance

Design Timeline: Start: 2nd Qtr. – FY 12/13
Finish: 1st Qtr. – FY 17/18

Project Cost: \$ 29,669 Design
\$262,850 Construction
\$292,519 Total

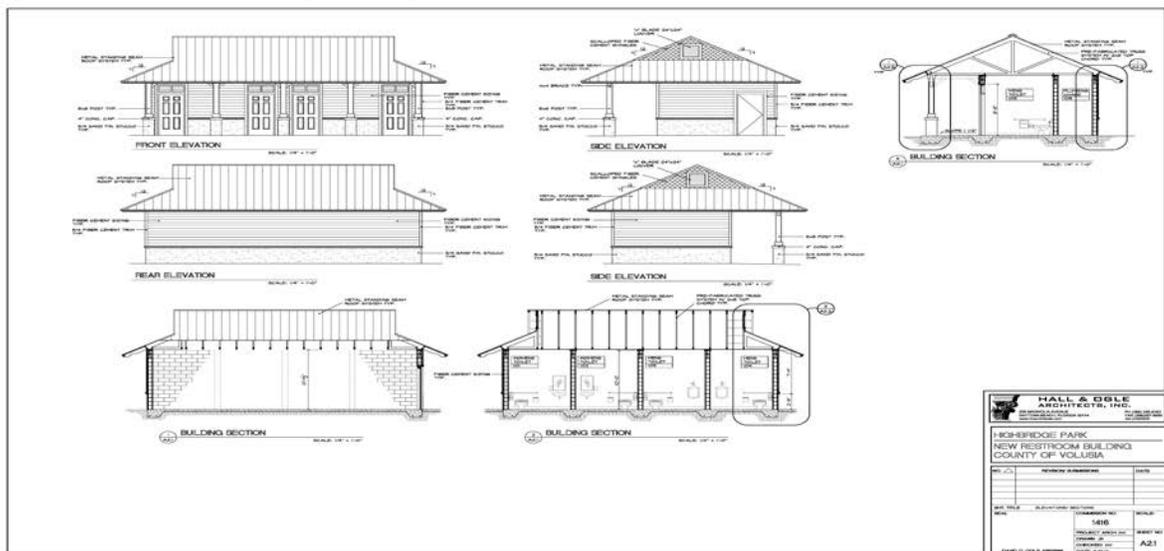
Funding Sources: \$ 15,000 FIND
\$ 14,669 Park Capital
\$262,850 CDBG
\$292,519 Total

Council Actions: 1. March 21, 2013 Florida Inland Navigation District
2. August 3, 2017 CDBG
3. March 20, 2018 approved construction award

Construction Timeline: Start: 2nd Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 18/19

Project Status: Construction complete

Project Adjustment Project complete.



OC-118-8

Site: Ocean Center – Roof Repair

Acquisition: N/A

Project Scope: Refurbish metal barrel roofs on old section of building

Design Timeline: Start: 4th Qtr. - FY 15/16
Finish: 1st Qtr. - FY 16/17

Project Cost: \$ 34,970 Engineering
\$ 1,200,146 Construction
\$ 1,235,116 Total

Funding Sources: \$ 1,235,116 118 Ocean Center Fund

Council Actions: 1. Approved FY 15/16 CIP Budget
2. Approved FY 16/17 CIP Budget
3. Approved FY 17/18 budget
4. Construction contract awarded June 19, 2018

Construction Timeline: Start: 2nd Qtr. - FY 17/18
Finish: 3rd Qtr. - FY 18/19

Project Status: Project complete.

Project Adjustment: NA

PP-FR-1

Site: Fire Station 36 Renovations – Osteen; 180 N. State Road 415

Acquisition: Fire Station 36 was built in 1988

Project Scope: Renovations to improve safety, ADA accessibility and energy efficiency. Work areas include - apparatus bays, gear room, decon room, bunk rooms, kitchen and related site improvements.

Design Timeline: Start: 3rd Qtr. – FY 15/16
Finish: 1st Qtr. – FY 17/18

Project Cost: \$ 959,000

Funding Sources: \$ 329,000 Fire Impact Fee Zone III
\$ 630,000 Fire Rescue Fund
\$ 959,000 Total

Council Actions:

1. Project included in adopted budget approved by council: September 10, 2015
2. Contract task assignment for architectural and engineering services: April 7, 2016
3. Award of construction contract: June 5, 2018

Construction Timeline: Start: 4th Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 18/19

Project Status: The project is substantially complete. A change order was done April 3rd to complete additional items (epoxy bay floor coating, window blinds, additional paving and striping) prior to the move in by fire personnel.

Project Adjustment: Project complete.



PP-FR -1 (Continued)



COMPLETED

PW-COS-5

Site: Argosy Park – 1255 Oceanshore Blvd., Ormond-by-the-Sea

Acquisition: September 2014

Project Scope: 42 angle parking spaces, shower, landscaping, ADA beach access ramp, seawall repair, landscaping.

Design Timeline: Start: 1st Qtr. – FY 15/16
Finish: 4th Qtr. – FY 16/17

Project Cost: \$ 535,038 (Includes Design)
\$ 37,326 (Change Order #1)
\$ 572,364 Total

Funding Sources: \$ 572,364 Funded from Beach Capital

Council Actions: 1. Const. Funding Approved October 1, 2016
2. Construction contract awarded March 2018

Construction Timeline: Start: 3rd Qtr. – FY 17/18
Finish: 2nd Qtr. – FY 18/19

Project Status: Design 100% complete
SJRWMD Stormwater Permitting Determination – February 2017
CCCL Permit Application Submitted – April 2017
County Site Plan Approval Notice – April 2017
FDOT Permit Application Submitted – May 2017
Site Survey Updated for CCCL – May 2017
Final CCCL design revisions complete – August 2017
City annexation agreement routed to county legal for review – August 2017
Annexation agreement to be considered by County Council w/const. contract
DEP Armoring permit received – November 2017
Construction bid advertised and pre-bid conf. conducted – December 2017
Contract being finalized by purchasing and bonds recorded – March 2018
Contractor Notice to Proceed – May 1, 2018
Demolition, stormwater and grading completed – August 2018
Paving, seawall, sidewalks and dune crossover completed – December 2018
Change order for additional seawall footer, sidewalks and shower towers.
Project opened to public – February 1, 2019
Grand Opening February 22, 2019

Project Adjustment: Construction schedule adjusted to coincide with sea turtle nesting season.

PW-ENG-5766

Site: Doyle Road Paved Shoulders – Lush Ln. to Courtland Blvd. in Deltona

Acquisition: No additional Right-of-Way required

Project Scope: Widen lanes to 12' wide in deficient sections and add 5' wide paved shoulders

Design Timeline: Start: 3rd Qtr. – FY 16/17
Finish: 3rd Qtr. – FY 17/18

Project Cost: \$ 98,662 Design
\$1,059,196 Construction
\$1,157,858 Total

Funding Sources: \$ 201,782 Local Option Gas Tax
\$ 956,076 LAP Grant – FDOT
\$1,157,858 Total

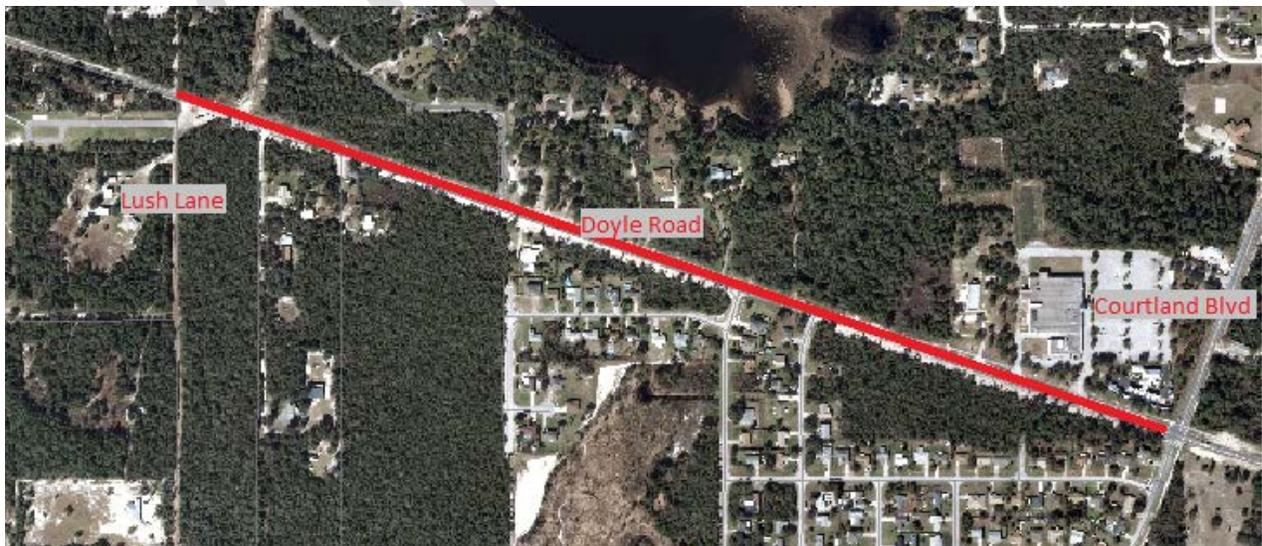
Council Actions:

| | |
|--------------------------------|--------------------|
| 1. LAP Grant – Construction | May 5, 2018 |
| 2. Construction Contract Award | September 18, 2018 |
| 3. CEI Contract Award | September 18, 2018 |
| 4. LAP Supplemental Agreement | October 30, 2018 |

Construction Timeline: Start: 4th Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 18/19

Project Status: Construction completed.

Project Adjustment: Project completed.



PW-TE-7

Site: Plymouth Avenue & Stone Street in Deland

Acquisition: N/A

Project Scope: New Traffic Signal – Conversion from 2-pole to 4-pole

Design Timeline: Start: 1st Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 17/18

Project Cost: \$ 318,566

Funding Sources: \$ 31,257 Design - Local Option Gas Tax
\$ 287,309 Construction - Local Option Gas Tax
\$ 318,566 Total

Council Actions: Approved FY 17/18 Budget

Construction Timeline: Start: 3rd Qtr. – FY 17/18
Finish: 2nd Qtr. - FY 18/19

Project Status: Design NTP 11/16/17 (TA 19, PC-2304, NTP 10/16/17)
Design Completed 4/2018
Construction NTP 6/28/18, construction completed. Final Inspection & Acceptance 2/1/2019.

Project Adjustment: EARLY FINISH



PW-TE-8

Site: Mason Avenue & Jimmy Ann in Daytona Beach

Acquisition: N/A

Project Scope: New Traffic Signal – Conversion from concrete poles to mast arm

Design Timeline: Start: 1st Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 17/18

Project Cost: \$ 483,978

Funding Sources: \$ 32,000 Design - Local Option Gas Tax
\$ 451,978 Construction - Local Option Gas Tax
\$ 483,978 Total

Council Actions: Approved FY 17/18 Budget

Construction Timeline: Start: 3rd Qtr. – FY 17/18 PO 770-1122, NTP (5/3/18)
Finish: 2nd Qtr. - FY 18/19

Project Status: Design NTP 11/2/17, amendment 1/26/18 (TA 13, PC-2290, NTP 11/2/17)
Design completed 4/2018
Construction NTP 5/3/18, construction completed. Final Inspection & Acceptance 3/22/2019.

Project Adjustment: EARLY FINISH



PW-WRU-6

Site: Halifax Wastewater Treatment Facility Rehabilitation

Acquisition: None Required

Project Scope: The project calls for refurbishment or replacement of aging structural, mechanical and electrical equipment at the Halifax Plantation Wastewater Treatment Facility

Design Timeline: Start: 2nd Qtr. – FY 16/17
Finish: 1st Qtr. – FY 17/18

Project Cost: \$ 906,000

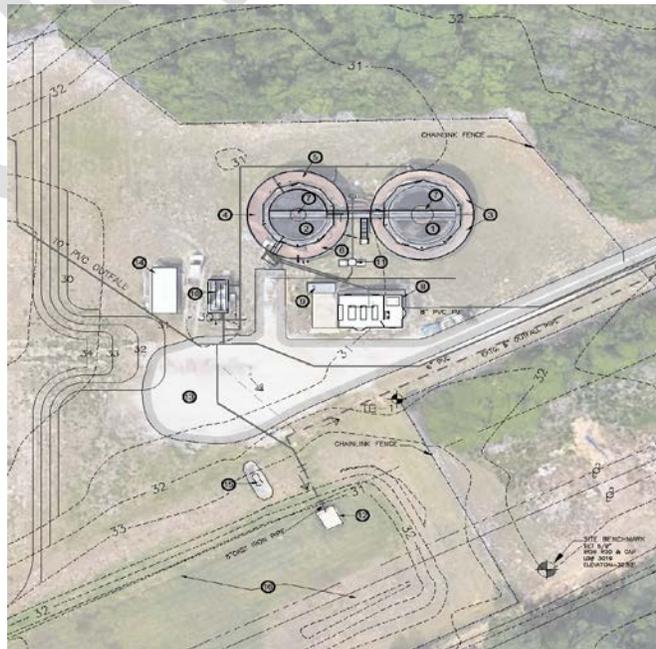
Funding Sources: \$ 906,000 Funded from WRU Budgeted/Appropriated Funds

Council Actions: 1. Design services approval January 5, 2017
2. Construction Bid Award April 3, 2018

Construction Timeline: Start: 2nd Qtr. - FY 17/18
Finish: 2nd Qtr. - FY 18/19

Project Status: Design 100% Complete
Advertise for Bid 2nd Qtr. FY 17/18
Construction Notice to Proceed, effective July 2, 2018
Project complete and fully operational.

Project Adjustment: NA



SO-5715

Site: New Sheriff's Evidence Storage Building
Volusia County, Tiger Bay Road, Daytona Beach, FL

Acquisition: Existing County Property - Indian Lake Complex

Project Scope: New building and related site improvements for the controlled storage of evidence, seized property and recovered property.

Design Timeline: Start: 3rd Qtr. – FY 15/16
Finish: 4th Qtr. – FY 17/18

Project Cost: \$ 13,850,000

Funding Sources: \$ 5,350,000 General Fund
\$ 8,500,000 Municipal Service District
\$ 13,850,000 Total

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

Construction Timeline: Start: 1st Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 18/19

Project Status: Ribbon Cutting held on 2/21/19.
Covered Parking construction complete.
Facility complete and in use.

Project Adjustment: Project complete.

