



CAPITAL PROJECT SCHEDULE

November 17, 2020

Revised 10/20/20

Volusia County

Capital Project Schedule Executive Summary

4th Quarter Update – November 17, 2020

Community Services

- Lemon Bluff Park – Construction timeline has been extended to finish 2nd Qtr. FY 20/21 based on construction contract. A \$250,000 FIND grant was approved by Council on August 4th.
- Marine Discovery Center Trail - Project design is 100% complete. Draft interlocal maintenance agreement has been provided to City of New Smyrna Beach and Marine Discovery Center.

Daytona Beach International Airport

- Taxiway November Rehabilitation –
 - Bid schedules D and E will be completed late 1st Qtr. FY 20/21.
- DAB Terminal –
 - Parking Lot Improvements –Award of contract is scheduled for the November 10, 2020 Council meeting.

Finance

- Countywide 800 MHz Radio System –
 - Phase II –Negotiated contract with Ci/L3 Harris will be presented the Council for approval 2nd Qtr FY 20/21. Site assessment for Lake Harney tower underway.

Ocean Center

- Replace Arena Roof – Construction contract awarded by Council on August 25th. Pre-construction meeting held October 8th.
- Parking Garage –
 - Deck & Drainage Restoration – Construction timeline for Phase I has been extended to finish 3rd Qtr. FY 20/21. Phase 2 & 3 will start 4th Qtr. FY 20/21. Construction contract awarded by Council on July 21st. Pre construction meeting held October 22nd.

Public Protection

- Volusia County Branch Jail and Correctional Facility
 - Potable Water Pipe Replacement – scope, schedule and project cost updated to reflect a phased project due to extensive work needed.
 - Security and Surveillance System Upgrade – design timeline adjusted due to COVID restraints. Estimated costs of construction updated.
 - Operations System Upgrade – Implementation and training of the new system expected to begin in November.
- Medical Examiner Facility – Site selection report completed 4th Qtr. FY 19/20, report being scheduled to be presented to Council.

Public Works

- Coastal- Off-beach Parking
 - Sun & Surf Park (726 N Atlantic Ave, Daytona Beach) – Responded to comments from the City of Daytona Beach in October 2020.
 - Plaza Beach Ramp Public Access Improvements (Daytona Beach) – Plans completed in June 2020, bidding began in October 2020.
 - 16th Avenue Off-Beach Parking & Beach access (Daytona Beach) – Plans completed and FDEP CCCL Permit received in September 2020, currently pending outcome of petition against FDEP Permits.
 - Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave, Daytona Beach Shores) – CCCL Permit received June 2020, CCCL Armoring Permit received September 2020. Out to bid in September 2020.
 - Dahlia Ave. Park (3621 S. Atlantic Ave, Daytona Beach Shores) – CCCL Armoring Permit received September 2020. Out to bid in September 2020.
 - International Speedway Boulevard Ramp Improvements (Daytona Beach) – Rendering and perspective completed in September 2020, estimated design and construction costs were updated.
 - Silver Beach Ave. Beach Ramp Improvements (Daytona Beach) – Rendering and perspective completed in September 2020, estimated construction costs were updated.
 - **University Blvd. Beach Ramp Improvements (Daytona Beach) – New Project** – Council approved Task Assignment for design on August 4th.
- Road & Bridge
 - Thornby Park Water Quality Improvement Project – The project is under construction with an anticipated November 2020 completion. Project cost increased to \$498,282.
 - Lake Beresford/Lakeside Drive Stormwater Improvement Project – FDEP cost-share agreement approved by council October 20, 2020. Project design is 90% complete and bid for construction schedule for 1st Qtr. of FY 20/21.
 - Gabordy Canal at 10th Street – Design is complete. Construction delayed until 2nd Qtr. FY 20/21 and adjusted to finish 4th Qtr. FY 21/22. Awaiting notification of award of grant funding application that has been submitted to St. John's River Water Management and FDEP. Construction cost increased based on new engineering estimate.
 - Ariel Canal Water Quality Improvement Project – Awaiting notification of award of grant funding application that has been submitted to FDEP. Construction timeline adjusted to start 3rd Qtr. FY 20/21 and finish 2nd Qtr. FY 21/22. Estimated project cost has increased to \$1,999,345.
 - Public Works Northeast Services Facility – This project “topped out” with all buildings sufficiently completed to keep out weather elements and secured with doors.
- Engineering & Construction
 - Veteran's Memorial Bridge – Contractor addressing punch list items. Actual construction costs updated.

- Orange Camp Road Widening – Construction funding reduced by the City of DeLand adjusting scope of their utility improvements. Construction start delayed waiting on overhead utilities relocations.
- Spring to Spring Phase 3B Rob Sullivan Park to Dirksen Drive/US 17/92 – Funding updated to reflect license payment to Duke per tri-party agreement.
- Solid Waste
 - Tomoka Farms Road Landfill – Construction timeline extended by one quarter and the project cost was increased due to the relocation of the dry fire hydrant.
- Traffic Signals
 - *Pioneer Trail & Enterprise Ave. in New Smyrna Beach – Project completed early.*
 - Saxon Boulevard & Market Place in Orange City – Construction Notice to Proceed on August 14th. Increase in construction cost resulting from conversion to mast arm.
 - Orange Camp Road & South Blue Lake Avenue – Construction Notice to Proceed on August 14th. Increase in construction cost resulting from conversion to mast arm.
 - LPGA Boulevard & Center Street, Holly Hill – Design 99% complete.
- Water Resources and Utilities
 - *Glen Abbey Subdivision Reclaimed Water Main Extension – Project completed.*
 - *Fort Florida Rd Utility Improvements – Project completed.*
 - Glen Abbey Water Treatment Plant Upgrades – Electrical improvements in progress, delivery of equipment delayed 12 weeks. Construction schedule was adjusted to finish 1st Qtr. FY 20/21 reflecting delay.

Sheriff's Office







Nothing to report.

| | |
|---|-----------------------|
| Total Value of All CPS Projects Active in 4th Quarter Update | \$ 353,359,252 |
| Total Value of All CPS Projects Completed by 4th Quarter Update | \$ 14,088,622 |

Master Capital Project Schedule

FY 19/20 Q4
Update

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

| Phase Legend | |
|---|--------------------------|
|  | Land Acquisition Phase |
|  | Design/Permitting Phase |
|  | Bid & Construction Phase |
|  | Activity Overlap |
|  | Schedule Adjustment |
|  | Project Complete |

| Department Legend | |
|-------------------|------------------------------|
| BS | = Business Services |
| CS | = Community Services |
| DAB | = Daytona Beach Intl Airport |
| FIN | = Finance |
| OC | = Ocean Center |
| PP | = Public Protection |
| PW | = Public Works |
| 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 17/18 | | | | FY 18/19 | | | | FY 19/20 | | | | FY 20/21 | | | | FY 21/22 | | | | FY 22/23 | | | |
|-------------------------------------|---|----------|---|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|
| | | | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Business Services | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BS-CES-2 | New Elections Warehouse | 1 | 5/21/2015 | | | | | | | | | | | | | | | | | | | | | | | | |
| Community Services | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CS-PRC-1 | Lemon Bluff Park | 3 | 5/19/2016 | | | | | | | | | | | | | | | | | | | | | | | | |
| CS-PRC-19 | Marine Discovery Center Trail | 3 | 5/15/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| **CS-PRC-20 | Hope Place Recreational Area | 4 | 7/6/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| Daytona Beach International Airport | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAB-AF/PAV-01A | Taxiway November Rehabilitation Bid Schedules B & C | 4 | 6/4/2015 | | | | | | | | | | | | | | | | | | | | | | | | |
| DAB-AF/PAV-01B | Taxiway November Rehabilitation Bid Schedules D & E | 4 | 6/4/2015 | | | | | | | | | | | | | | | | | | | | | | | | |
| DAB – TER - 03 | Terminal Parking Lot Improvements | 4 | 12/17/2015 | | | | | | | | | | | | | | | | | | | | | | | | |
| DAB - TER - 07 | Terminal Renovation | 4 | 10/1/2016 | | | | | | | | | | | | | | | | | | | | | | | | |
| Finance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIN-IT-1 | Countywide 800 MHz Radio System | All | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ocean Center | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OC-318-7 | Ocean Center Retrofit Arena Lighting to LED | 2 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| OC-318-12 | Ocean Center Replace Arena Roof | 2 | 4/17/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| OC-475-2 | Parking Garage - Lighting | 2 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| OC-475-4 | Parking Garage – Deck & Drainage Restoration | 2 | 9/18/2018 | | | | | | | | | | | | | | | | | | | | | | | | |

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

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|  Land Acquisition |  Design/ Permitting |
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|-------------------|---|----------|---|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|----------|----|----|----|
| | | | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Public Protection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PP-DOC-6 | Branch Jail/Correction Facility Potable Water Pipe Replacement | 4 | 10/1/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PP-DOC-9 | Branch Jail/Correction Facility Security and Surveillance System | 4 | 9/4/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PP-DOC-10 | Branch Jail/Correction Facility Operations Systems Upgrade | 4 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| PP-ME-1 | Replacement Medical Examiner Facility | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Public Works | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-COS-6 | Sun & Surf Park - 726 N. Atlantic Ave., Daytona Beach | 2 | 10/1/2016 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-COS-14 | Plaza Beach Ramp Public Access Improvements | 4 | 4/3/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-COS-17 | 16th Avenue Off-Beach Parking & Beach Access | 3 | 10/2/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-COS-18 | Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave., Daytona Beach Shores) | 2 | 11/5/2015 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-COS-19 | Dahlia Ave. Park (3621 S. Atlantic Ave., Daytona Beach Shores) | 2 | 11/5/2015 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-COS-20 | International Speedway Boulevard Ramp Improvements | 2 | 1/21/2020 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-COS-21 | Silver Beach Ave. Beach Ramp Improvements - Daytona Beach | 2 | 2/18/2020 | | | | | | | | | | | | | | | | | | | | | | | | |
| *PW-COS-22 | University Blvd. Beach Ramp Improvements - Daytona Beach | 2 | 8/4/2020 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-DTT-6 | Thornby Park Water Quality Improvement Project | 5 | 8/21/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-DTT-7 | Lake Beresford/Lakeside Drive Stormwater Improvement Project | 1 | 6/4/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-DTT-8 | Gabordy Canal at 10th Street | 3 | 8/6/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-DTT-9 | Ariel Canal Water Quality Improvement Project | 3 | 10/1/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-ENG-5061 | Tenth Street - Myrtle to US 1 | 3 | 5/7/2009 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-ENG-5240 | Howland Blvd - Providence Blvd to Elkcarn Blvd | 5 | 8/4/2016 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-ENG-5351-1 | Veteran's Memorial Bridge | 2 | 5/7/2015 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-ENG-5395 | Orange Camp Rd - MLK Blvd to I-4 | 1 | 8/4/2016 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-ENG-5511-3 | Spring to Spring Phase 3B - Rob Sullivan Park to Dirksen Dr/US17-92 | 5 | 4/6/2107 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-ENG-5797 | Williamson Blvd - LPGA Blvd to Strickland Range Rd | 4 | 3/6/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-MS-1 | Marine Science Center Renovation | 2 | 9/18/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-RB-1 | Public Works Northeast Services Facility | 4 | 10/30/2018 | | | | | | | | | | | | | | | | | | | | | | | | |

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| PID | Project Name | District | Construction Funding Approved by Council | FY 17/18 | | | | FY 18/19 | | | | FY 19/20 | | | | FY 20/21 | | | | FY 21/22 | | | | FY 22/23 | | | |
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| PW-SW-4 | Citizens Convenience Improvement - Household Hazardous Waste Drop | 3 | 10/1/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-SW-5 | <i>Tomoka Farms Rd Landfill - Class I Landfill Expansion</i> | 3 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-TE-9 | <i>Pioneer Trail & Enterprise Avenue in New Smyrna Beach - to mast arm</i> | 3 | 10/1/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-TE-10 | Saxon Boulevard & Market Place in Orange City - to mast arm | 1 | 10/1/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-TE-11 | Williamson Boulevard & Bellevue Avenue Extension | 2 & 4 | 10/1/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-TE-12 | Orange Camp Road & South Blue Lake Avenue | 1 | 10/1/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-TE-14 | LPGA Boulevard & Center Street, Holly Hill | 4 | 10/1/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-WRU-4 | Indian Harbor Estates Sanitary Sewer Retrofit | 3 | 8/20/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-WRU-5 | <i>Deltona North Water Treatment Facility Upgrades</i> | 5 | 10/1/2017 | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-WRU-9 | <i>Glen Abbey Subdivision Reclaimed Water Main Extension</i> | 1 | 11/13/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-WRU-10 | Southwest Service Area Wastewater Infrastructure Improvements | 5 | 11/13/2018 | | | | | | | | | | | | | | | | | | | | | | | | |
| **PW-WRU-11 | <i>Fort Florida Rd Utility Improvements</i> | 5 | 12/10/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-WRU-12 | Blue Spring Wetland Aquifer Recharge (Phase 1) | 5 | 8/20/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| PW-WRU-13 | Glen Abbey Water Treatment Plant Upgrades | 5 | 11/11/2019 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sheriff's Office | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

BS-CES-2

Project:

New Elections Warehouse

Scope:

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

Acquisition:

Start: 2nd Qtr. – FY 20/21

Finish: 3rd Qtr. – FY 21/22

Design:

Start: 3rd Qtr. – FY 21/22

Finish: 2nd Qtr. – FY 22/23

Construction:

Start: 3rd Qtr. – FY 22/23

Finish: 2nd Qtr. – FY 23/24

Project Cost:

\$ 5,900,000

Funding Sources:

Elections Warehouse (367-930-4180)

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

Council Actions:

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

Status:

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

Project Adjustment:

N/A

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

BS-CES-2 (Continued)



CS-PRC-1

Project:

Lemon Bluff Park

Scope:

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

Acquisition:

March 13, 2013 (ECHO Funds)

Design:

Start: 3rd Qtr. – FY 15/16

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 20/21

Project Cost:

| | |
|--------------|--------------|
| \$ 107,470 | Design |
| \$ 1,992,384 | Construction |
| \$ 2,099,854 | Total |

Funding Sources:

| | |
|--------------|-------------------------------|
| \$ 400,000 | 2016 Council ECHO grant award |
| \$ 375,000 | FIND Grants |
| \$ 716,833 | Impact Fee Fund 135 |
| \$ 30,000 | Impact Fee Fund 137 |
| \$ 578,021 | Funded from FBIP |
| \$ 2,099,854 | Total |

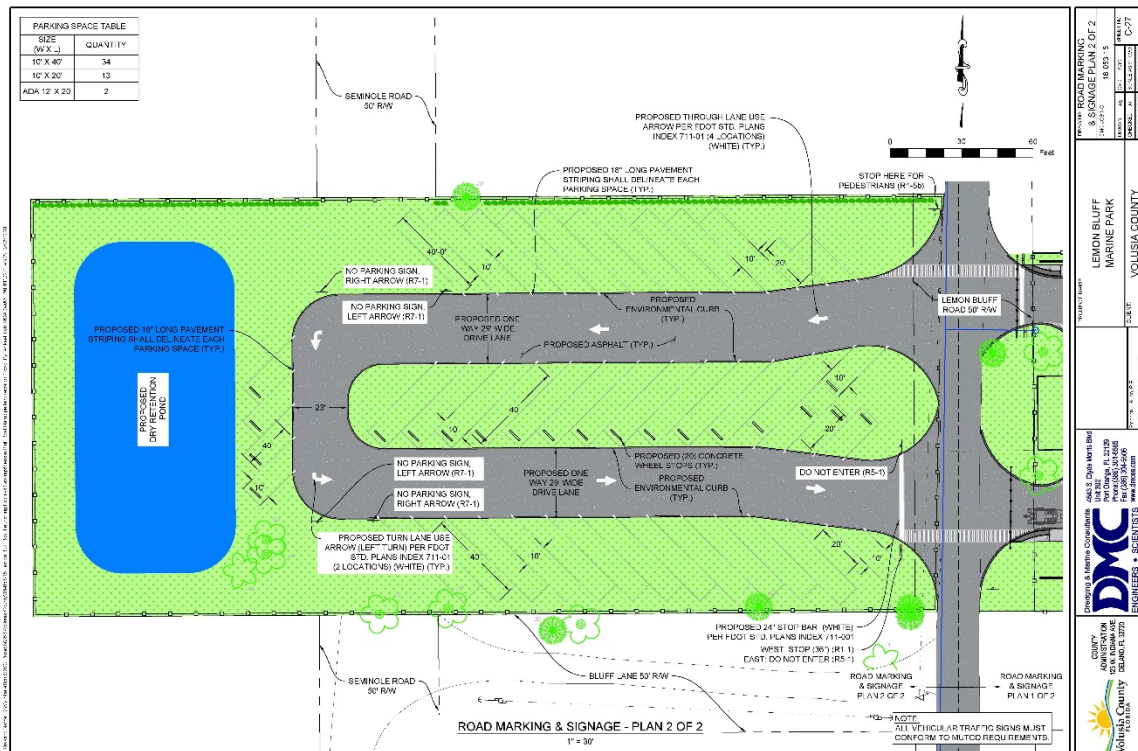
Council Actions:

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

Status:

Met with public on May 13, 2017
Second public meeting was held on October 18, 2018
Boat Launch Facility plans 100%
Parking area design complete
Construction schedule updated based on construction contract dates

Updated funding sources to include recent \$250,000 FIND grant award.



CS-PRC-19

Project:

Marine Discovery Center Trail

Scope:

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

Acquisition:

Sublease in process with Marine Discovery Center

Start: 2nd Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Design:

Start: 1st Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

\$1,100,000

Funding Sources:

\$1,100,000

ECHO appropriation, 328 Trails Capital Fund

Council Actions:

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

Status:

Survey and legal description is completed

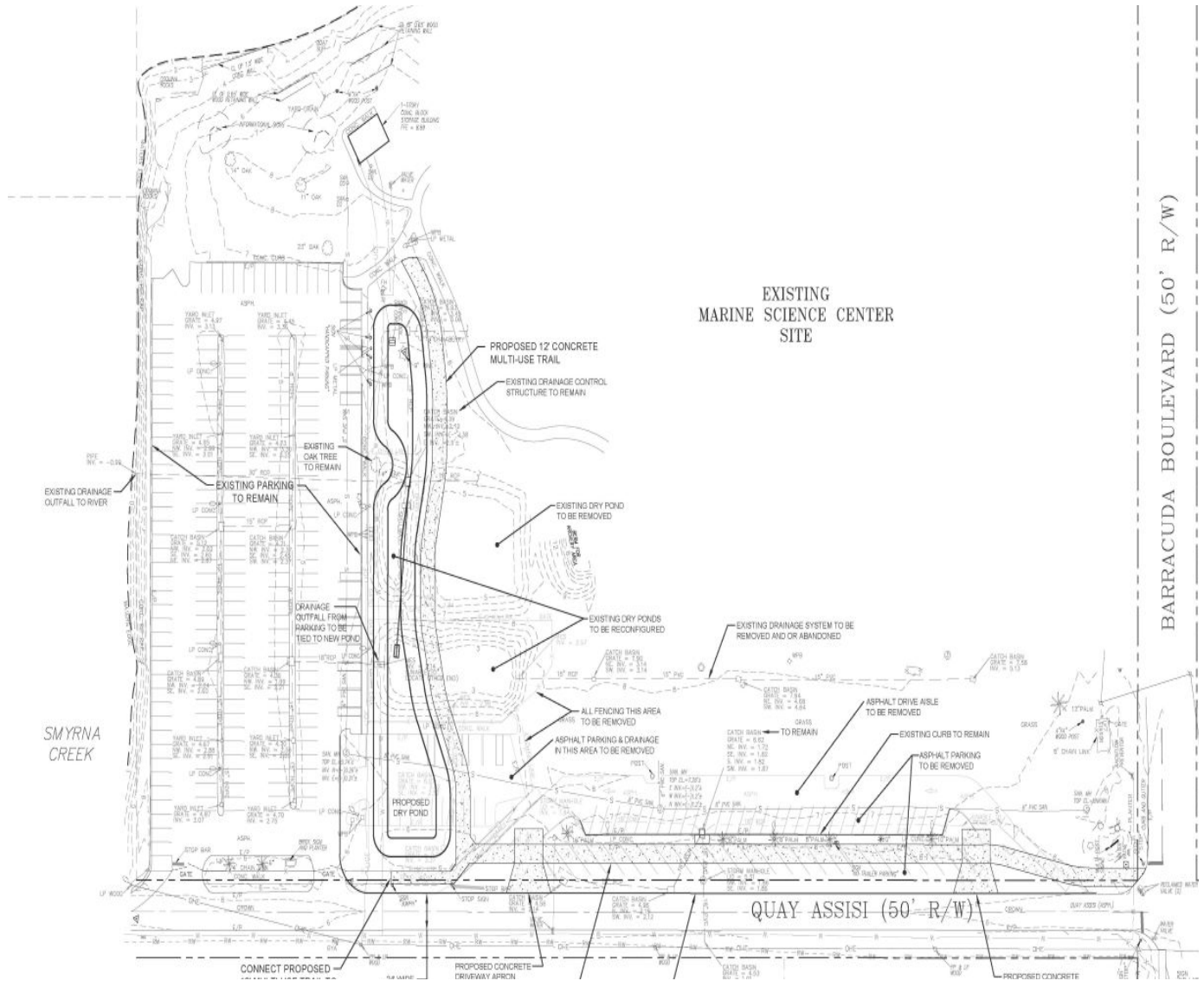
Design 100% complete

FDEP sublease is in process

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

Project Adjustment:

Status updated.

CS-PRC-19 (continued)

DAB – AF/PAV-01-B

Project:

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

Scope:

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

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 16/17

Construction:

Phase III - Bid Schedule D

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 20/21

Phase IV - Bid Schedule E

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 20/21

Bid Schedule D – 110 days

Bid Schedule E – 90 days

Project Cost:

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

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

\$ 39,892,369 Total

Funding Sources:

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

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

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

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

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

| | | |
|--------------|-----------------------|-----------|
| \$ 7,438,930 | FAA AIP Grant Funding | AIP # 080 |
|--------------|-----------------------|-----------|

DAB – AF/PAV-01-B (Continued)

\$ 413,274
\$ 435,080

FDOT Grant Funding
Local Funding (FY 18/19)

FM431539-05

Council Actions:

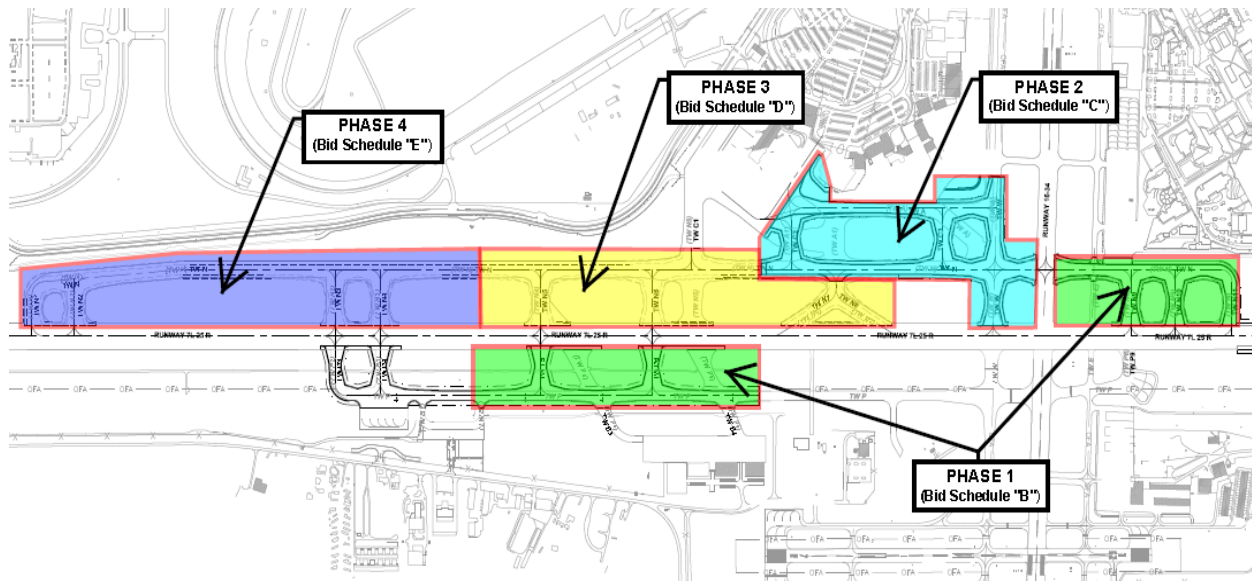
- | | |
|--|------------------|
| 1. TA for Design package Bid Schedules (D&E) approval | April 3, 2018 |
| 2. Grant Acceptance & approval of local match (D&E) | June 5, 2018 |
| 3. Council approval of contract to P&S Paving (Bid Sched D Only) | Dec 18, 2018 |
| 4. Council approval of RS&H CA/RPR Svcs.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

Status:

Bid Schedule D will be completed late First Quarter FY 20-21
Bid Schedule E will be completed late First Quarter FY 20-21

Project Adjustment:

Changes reflected in status update.



DAB-TER-03

Project:

DAB/Terminal - Parking Lot Improvements

Scope:

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

Acquisition:

N/A

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

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

Council Actions:

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

DAB-TER-03 (Continued)

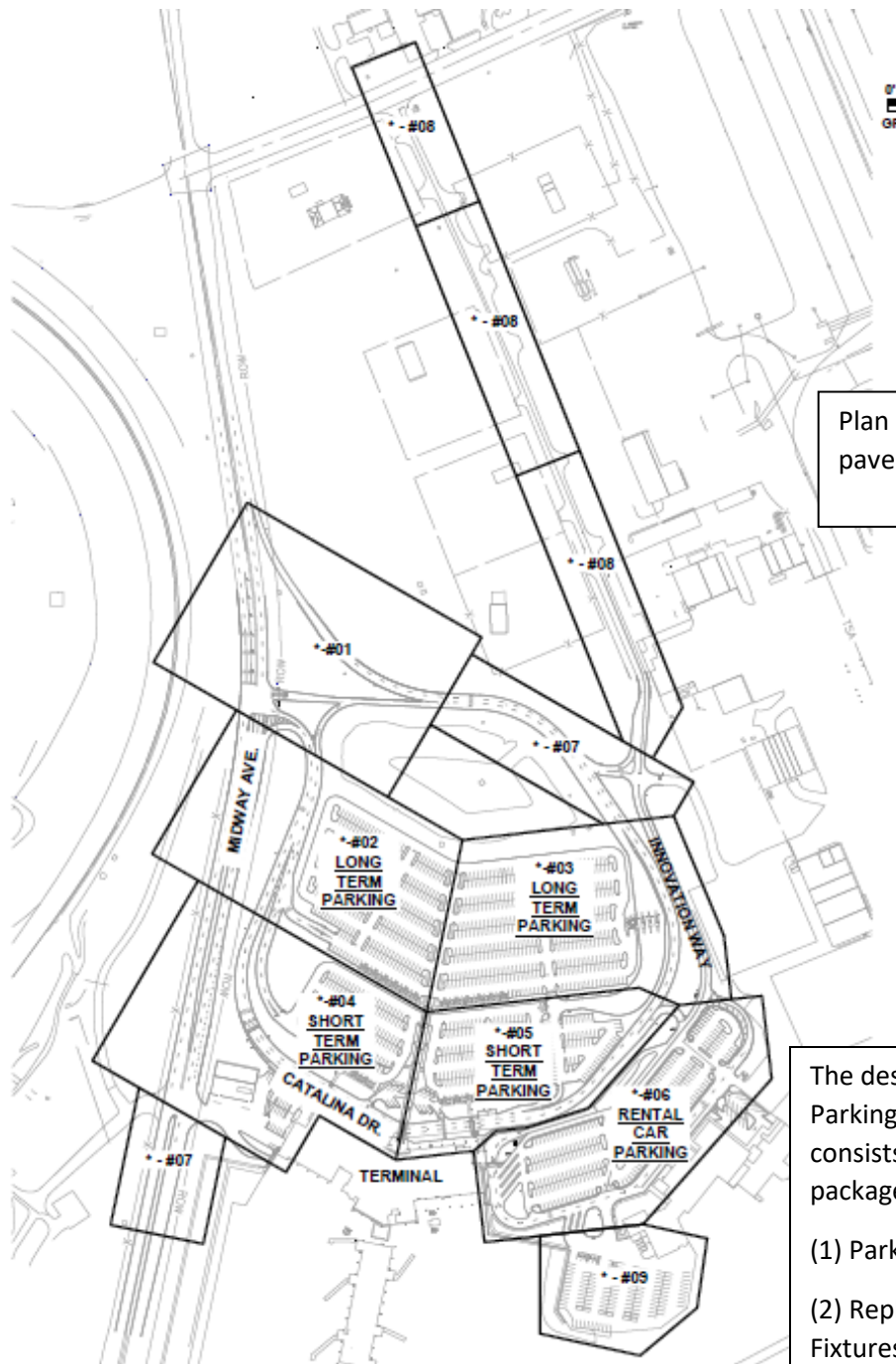
Status:

Bids will be presented to County Council for award of contract

Project Adjustment:

Changes reflected in status update

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

Project:

DAB/Terminal – Terminal Renovations

Scope:

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

Acquisition:

N/A

Design:

Start: 1st Qtr. - FY 15/16

Finish: 2nd Qtr. - FY 18/19

Construction:

Start: 3rd Qtr. - FY 18/19

Finish: 1st Qtr. - FY 20/21

Project Cost:

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

Funding Sources:

| | |
|-------------------|---|
| \$ 12,000,000 | Commercial Loan (FDOT Grant to refund partial amount of loan) |
| \$ 2,040,358 | Enterprise Operating Fund Reserves |
| <u>\$ 364,972</u> | <u>Customer Facility Charge</u> |
| \$ 14,405,330 | 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 |
| 6. Request to apply and accept for additional grant funding | March 3, 2020 |

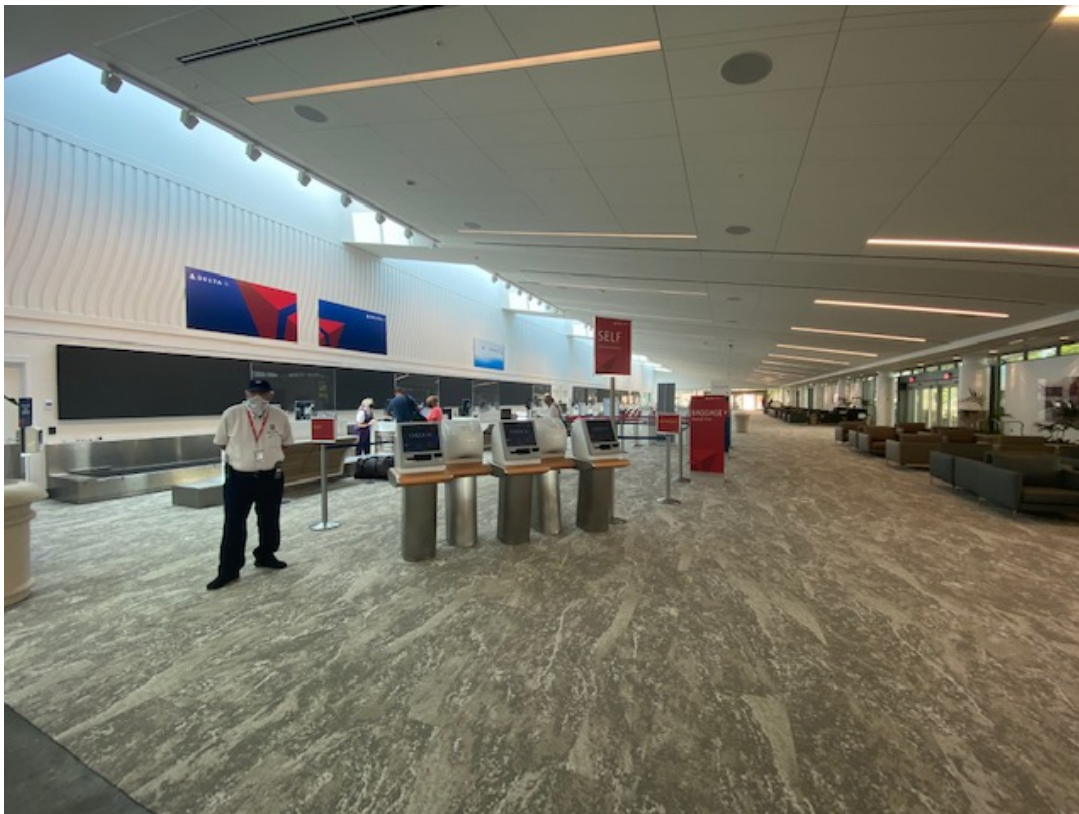
Status:

Project is currently on schedule and budget.

Project Adjustment:

N/A

DAB-TER-07 (Continued)



FIN-IT-1

Project:

Countywide - 800 MHz Radio System Backbone and Radios

Scope:

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

Acquisition:

800 MHz Public Safety Radio System was implemented in 1993

Design:

Phase I – Radio System Modernization Assessment and Planning

Start: 1st Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 17/18

Phase II – Radio System Modernization Design and Procurement

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 20/21

Construction:

Phase II

Start: 2nd Qtr. – FY 20/21 (Begin implementation)

Finish: 2nd Qtr. – FY 22/23

Project Cost:

\$ 21,655,432 (estimated) County of Volusia

\$ 7,000,000 (estimated) City Budgets

\$ 28,655,432 (estimated) Total

Funding Sources:

\$ 14,725,690 305-930-4605 800 MHz Capital Backbone Replacement

\$ 6,929,742 305-930-4606 800 MHz Capital Radio Replacement

\$ 7,000,000 City Budgets

\$ 28,655,432 Total

FIN-IT-1 (continued)

Council Actions:

- | | |
|--|------------------------------|
| 1. Mini-Budget Workshop | July 7, 2016 |
| 2. Radio System Consultant Award | January 18, 2018 |
| 3. Approval of Direction to Issue RFP | December 4, 2018 |
| 4. Approval of Co-location Agreement with Flagler County | September 17, 2019 |
| 5. Selection of Vendor | June 16, 2020 |
| 6. Approval of negotiated contract | January/February 2021 |

Status:

Phase I - Complete

Phase II

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

Completed Milestones

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

In Progress

Antenna/microwave design.
Structural analysis on 13 towers.
Performing boundary/environmental survey for Lake Harney site.
Currently preparing application to the PLDRC for a special exception for the Lake Harney site.
Preparation of lease agreement with the landowner of the Lake Harney site.
Contract negotiations with Communications International.

Project Adjustment:

Updated project costs, funding sources, council actions, and status

OC-318-7

Project:

Ocean Center – Retrofit Arena/Exhibit Hall Lighting to LED

Scope:

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

Acquisition:

N/A

Design:

Start: 4th Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

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

Council Actions:

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

Status:

100% Construction documents have been delivered. Bidding and Construction have been pushed back to start 1st Qtr. FY 20/21 due to budgetary adjustments.

Project Adjustment:

N/A

OC-318-12

Project:

Ocean Center – Replace Arena Roof

Scope:

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

Acquisition:

N/A

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 20/21

Project Cost:

| | |
|---------------------|--------------|
| \$ 103,605 | Design |
| <u>\$ 1,180,250</u> | Construction |
| <u>\$ 1,283,855</u> | Total |

Funding Sources:

\$ 1,283,855 318 Ocean Center Capital Fund

Council Actions:

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

Status:

Construction timeline extended due to scheduling delays during bid process due to COVID-19.
Pre construction meeting scheduled for 10/8/20.

Project Adjustment:

Status updated.

OC-475-2

Project:

Parking Garage - Lighting

Scope:

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

Acquisition:

N/A

Design:

Start: 4th Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

\$ 216,000 475 Parking Garage Fund

Council Actions:

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

Status:

100% Construction documents have been delivered. Bidding on hold. Construction timeline has been adjusted, as the parking garage lighting project will be completed following the arena lighting project.

Project Adjustment:

N/A

OC-475-4

Project:

Parking Garage – Deck & Drainage Restoration

Scope:

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

Acquisition:

N/A

Design:

Phase 1

Start: 2nd Qtr. – FY 18/19

Finish: 1st Qtr. – FY 19/20

Phase 2 & 3

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Construction:

Phase 1

Start: 2nd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Phase 2 & 3

Start: 4th Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 21/22

Project Cost:

| | |
|-------------------|--|
| \$ 74,265 | Design |
| \$ 308,096 | Phase 1 Construction (Deck 2 - contract price) |
| \$ 6,210 | Phase 1 Special Inspections |
| \$ 350,000 | Phase 2 Estimate (Deck 6) |
| <u>\$ 493,790</u> | <u>Phase 3 Estimate (Decks 3-5)</u> |
| \$ 1,232,361 | Project Total |

Funding Sources:

475 Parking Garage Fund

Council Actions:

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

Status:

Bid closing has been extended due to several rounds of questions and addendums.

OC-475-4 (continued)

Construction contract has been awarded to Tadeos Engineering. Universal Engineering has been hired to perform specialty construction inspections. Pre-construction meeting scheduled for October 22.

Project Adjustment:

Status and council actions updated. Timeline extended.



PP-DOC-6

Project:

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

Scope:

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

Acquisition:

N/A

Design:

Cell 5 & 6:

Start: 2nd Qtr. – FY 15/16

Finish: 3rd Qtr. – FY 19/20

Remaining Cells:

Start: 1st Qtr. – FY 20/21

Finish: 3rd Qtr. – FY 20/21

Construction:

Cells 5 & 6:

Start: 1st Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Phase 2:

Start: 1st Qtr. – FY 21/22

Finish: 3rd Qtr. – FY 21/22

Remaining phases construction schedules to be determined.

Project Cost:

\$ 400,000 FY 19/20

\$ 400,000 FY 20/21

\$ 400,000 FY 21/22

\$ 400,000 FY 22/23

Funding Sources:

\$1,600,000 General Fund

Council Actions:

1. Council Approved October 1, 2019

Status:

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

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

RFP for construction is out to bid in 1st quarter FY 20/21.
Design for remaining housing cells initiated 1st quarter FY 20/21.

Project Adjustment:

Scope, schedule, project cost and status updated to reflect phasing.

PP-DOC-9

Project:

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

Scope:

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

Acquisition:

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

Design:

Start: 2nd Qtr. – FY 18/19
Finish: 1st Qtr. – FY 20/21

Construction:

Start: TBD
Finish: TBD

Project Cost:

| | | |
|----|-----------|-------------------------------|
| \$ | 65,000 | Assessment |
| \$ | 398,100 | Design & Engineering Cost |
| \$ | 8,769,769 | Construction Cost (Estimated) |
| \$ | 9,232,869 | Total |

Funding Sources:

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

Council Actions:

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

Status:

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

PP-DOC-9 (Continued)

Project Adjustment:

Design and Engineering Phase has been delayed slightly, with design completion date expected by **December 2020**.

PP-DOC-10

Project:

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

Scope:

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

Acquisition:

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

Design:

N/A

Construction:

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

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

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

Project Cost:

\$ 1,098,000 Jail Management System

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

Funding Sources:

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

Council Actions:

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

PP-DOC-10 (Continued)

4. Award of contract for Jail Management System

3rd Qtr. FY 18/19

5. Approval of Jail Management System final contract

October 1, 2019

Status:

Implementation of Video Visitation and Inmate Phone System was completed in August 2019. The Jail Management System implementation and training are expected to begin in November 2020.

Project Adjustment:

Updated Council actions and status to reflect latest events.

PP-ME-1

Project:

Medical Examiner Facility – **Location to be determined**

Scope:

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

Acquisition:

Existing County Indian Lake Property

Design:

Start: 3rd Qtr. – FY 19/20

Finish: TBD

Design schedule to be determined pending location selection

Construction:

TBD

Project Cost:

| | | |
|----|-----|------------------------|
| \$ | TBD | Design and Engineering |
| \$ | TBD | <u>Construction</u> |
| \$ | TBD | Total |

Funding Sources:

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

Council Actions:

- | | |
|---------------------------------------|---------------|
| 1. CMGC Part A services | June 2, 2020 |
| Contract Executed | |
| 2. Architectural/engineering services | April 7, 2020 |
| Task Assignment #1 Executed | |

Status:

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

Land survey complete

Schenkel Shultz Architects with Wharton Smith preparation of site analysis report in progress. **Site selection report completed 4th quarter FY 19/20. Report being scheduled to be presented to County Council.**

Geotechnical engineering complete

Project Adjustment:

Updated project status.

PP-ME-1 (Continued)



PW-COS-6

Project:

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

Scope:

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

Acquisition:

July 2015

December 2015 - County Occupancy

Design:

Start: 2nd Qtr. – FY 15/16

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 3rd Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

\$ 1,067,301 Funded from Beach Capital

Council Actions:

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

Status:

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

PW-COS-6 (Continued)

Uniform Development Review Pre-Application Meeting
with City of Daytona Beach

February 2020

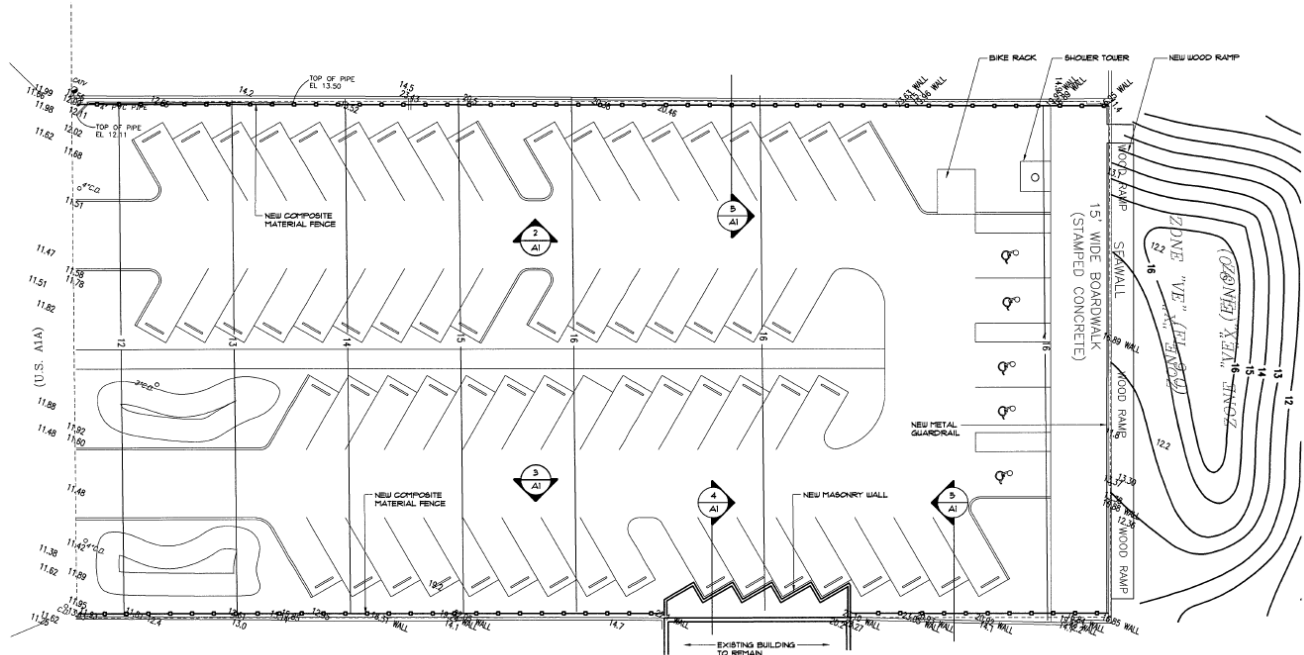
Uniform Development Review Application Submitted
to City of Daytona Beach

April 2020

Response to City of Daytona Beach Comments

October 2020

Project Adjustment:



PW-COS-14

Project:

Plaza Beach Ramp Public Access Improvements

Scope:

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

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

| | |
|-------------------|---------------------|
| \$ 60,000 | Design |
| <u>\$ 475,000</u> | <u>Construction</u> |
| \$ 535,000 | Total |

Funding Sources:

| | |
|-------------------|-------------------------------------|
| \$ 320,000 | Beach Capital |
| <u>\$ 215,000</u> | <u>FEMA Hazard Mitigation Grant</u> |
| \$ 535,000 | Total |

Council Actions:

- | | |
|----------------------------------|------------|
| 1. Task Assignment Awarded | April 2018 |
| 2. Council approval of site plan | June 2019 |

Status:

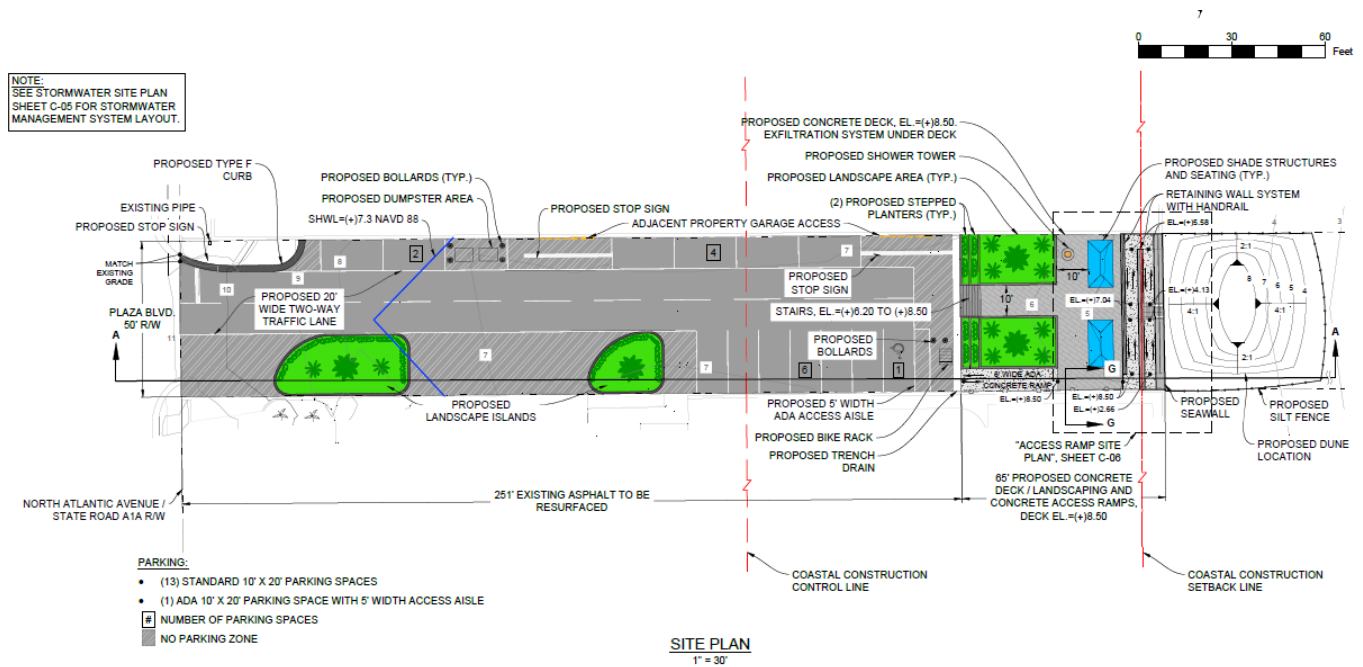
| | |
|------------------------------|-------------|
| Conceptual design phase | |
| Design Task Initiated | April 2018 |
| Survey and Geotech Completed | May 2018 |
| Conceptual Design Complete | June 2018 |
| 30% Plans Completed | August 2018 |
| 60% Plans Completed | March 2019 |
| FDEP CCCL Permit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

PW-COS-14 (Continued)

90% Plans Completed
FDEP CCCL Permit Received
Plans Completed
Army Corps Permit Received
Bidding

May 2019
March 2020
June 2020
September 2020
October 2020

Project Adjustment:



PW-COS-17

Project:

16th Avenue Off-Beach Parking & Beach Access

Scope:

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

Design:

Start: 1st Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

| | |
|-------------------|---------------------|
| \$ 168,643 | Design |
| <u>\$ 500,000</u> | <u>Construction</u> |
| \$ 668,643 | Total |

Funding Sources:

\$ 668,643 Beach Capital

Council Actions:

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

Status:

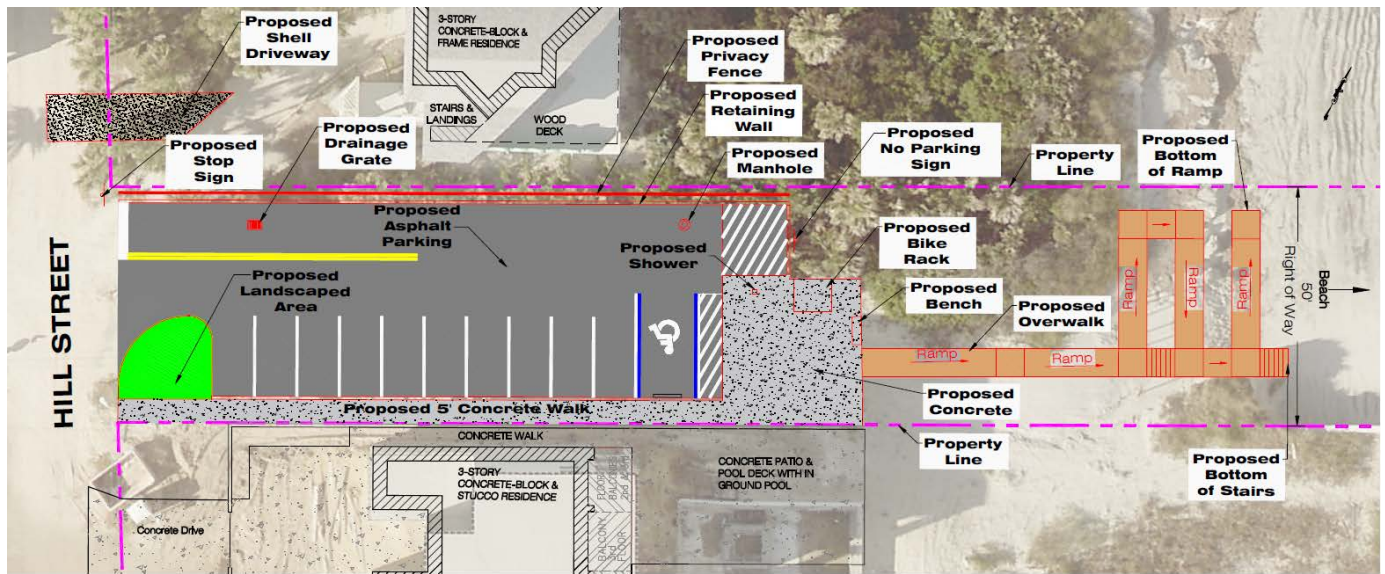
| | |
|----------------------------------|----------------|
| Design task assignment issued | October 2018 |
| Topographic survey completed | November 2018 |
| Conceptual design completed | February 2019 |
| Alternatives for cost comparison | April 2019 |
| Pre-Application Meeting f/ FDEP | July 2019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

| | |
|--|----------------|
| Petition for Administrative Hearing Received | April 2020 |
| Plans Completed | September 2020 |
| FDEP CCCL Permit Received | September 2020 |
| Pending outcome of petition against FDEP Permits | |

PW-COS-17 (Continued)

Project Adjustment:

N/A



PW-COS-18

Project:

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

Scope:

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

Design:

Start: 1st Qtr. – FY 15/16

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

\$ 1,982,051 from Beach Capital

Council Actions:

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

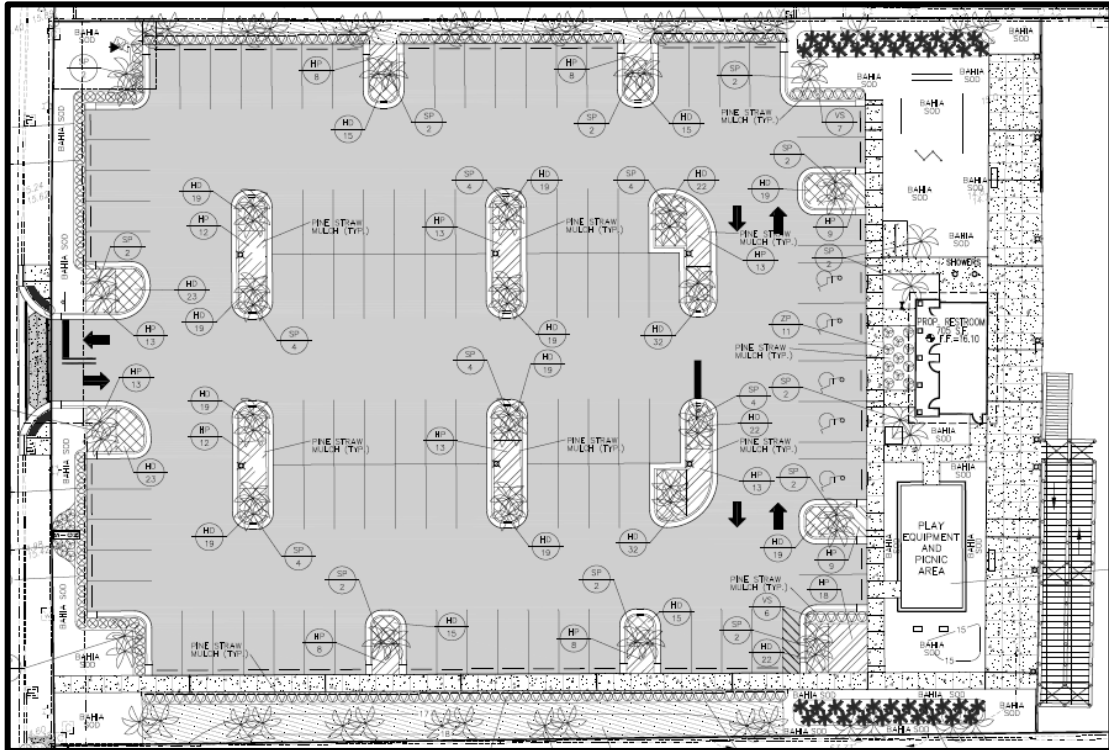
Status:

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

PW-COS-18 (Continued)

Project Adjustment:

N/A



PW-COS-19

Project:

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

Scope:

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

Design:

Start: 1st Qtr. – FY 15/16

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

\$ 1,201,162 from Beach Capital

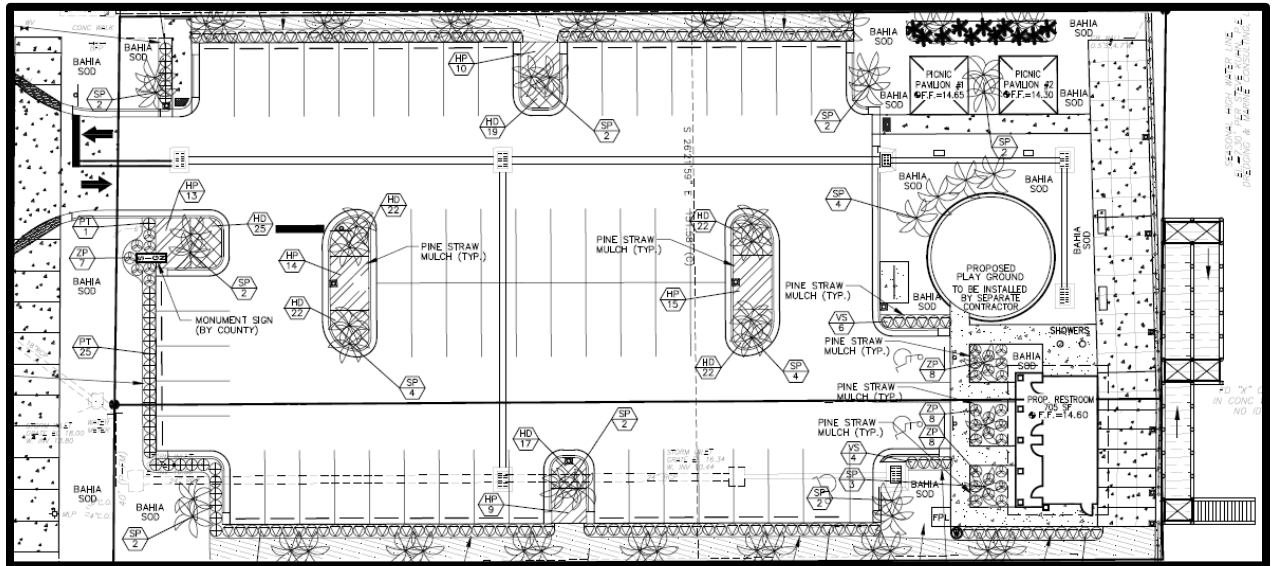
Council Actions:

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

Status:

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

Project Adjustment:
N/A



PW-COS-20

Project:

International Speedway Boulevard Ramp Improvements – Daytona Beach

Scope:

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

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 21/22

Construction:

Start: TBD

Finish: TBD

Project Cost:

\$ 229,540 Design

\$ 2,565,000 Construction (Fully Funded by FY 23)

\$ 2,794,540 Total

Funding Sources:

\$ 2,794,540 Beach Capital

Council Actions:

1. Approval of TA for Design

January 21, 2020

Status:

Project Kick-Off Meeting

February 2020

Conceptual Plan Complete

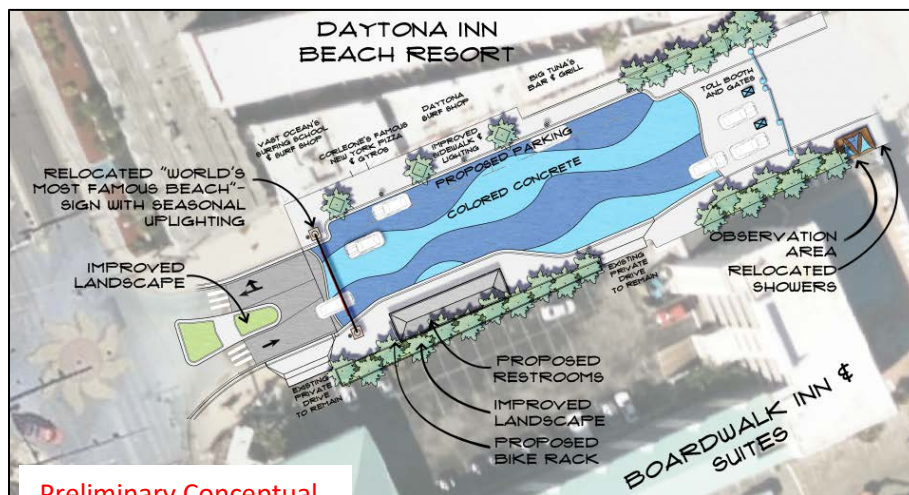
March 2020

Rendering and Perspective Completed

September 2020

Project Adjustment:

N/A



Preliminary Conceptual

PW-COS-21

Project:

Silver Beach Ave. Beach Ramp Improvements – Daytona Beach

Scope:

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

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

Start: TBD

Finish: TBD

Project Cost:

\$ 142,085 Design

\$ 650,000 Construction (Fully Funded by FY 20/21)

\$ 792,085 Total

Funding Sources:

\$ 792,085 Beach Capital

Council Actions:

1. Approval of TA for Design

February 18, 2020

Status:

NTP Issued

March 2020

Conceptual Plan Complete

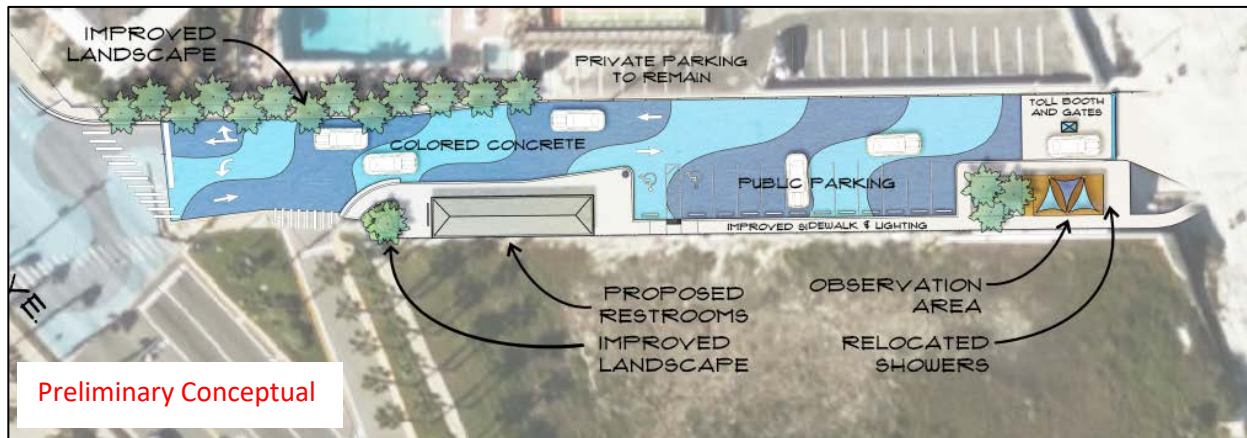
April 2020

Rendering and Perspective Completed

September 2020

Project Adjustment:

N/A



PW-COS-22

Project:

University Blvd. Beach Ramp Improvements – Daytona Beach

Scope:

Design and permitting of upgrades to the University Blvd. Beach Ramp including; new hardscape, landscaping, utilities and addition of a family style restroom. Escrow funding from Protogroup will be used to construct the new restroom.

Design:

Start: 4th Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

Start: 1st Qtr. – FY 21/22

Finish: 4th Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

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

Council Actions:

| | |
|------------------------------|----------------|
| 1. Approval of TA for Design | August 4, 2020 |
|------------------------------|----------------|

Status:

| | |
|------------|-------------|
| NTP Issued | August 2020 |
|------------|-------------|

Project Adjustment:

New project

PW-DTT-6

Project:

Thornby Park Water Quality Improvement Project

Scope:

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

Acquisition:

N/A

Design:

Start: 4th Qtr. – FY 17/18

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 4th Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

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

Council Actions:

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

Status:

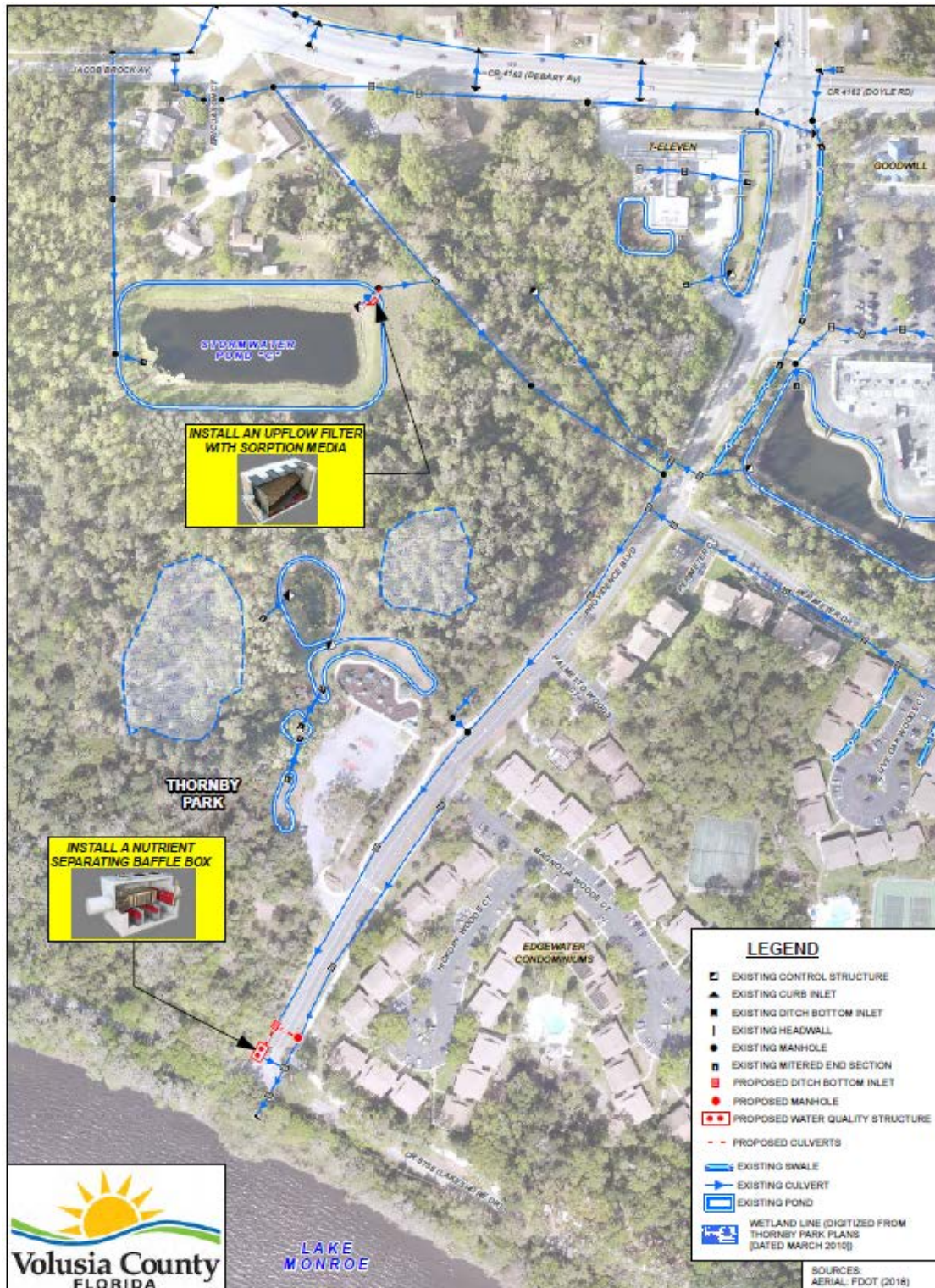
The project is under construction with an anticipated November 2020 completion.

Project Adjustment:

Project cost, funding sources, council actions, and status updated.

PW-DTT-6 (Continued)

Thornby Park Water Quality Improvements Project



PW-DTT-7

Project:

Lake Beresford/Lakeside Drive Stormwater Improvement Project

Scope:

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

Acquisition:

Completed

Design:

Start: 4th Qtr. – FY 18/19

Finish: 1st Qtr. – FY 20/21

Construction:

Start: 2nd Qtr. – FY 20/21

Finish: 4th Qtr. – FY 20/21

Project Cost:

| | |
|-------------------|-----------------------------------|
| \$ 228,700 | Land Acquisition |
| \$ 78,272 | Design & Permitting |
| <u>\$ 557,000</u> | Construction (<i>estimated</i>) |
| \$ 863,972 | Total |

Funding Sources:

| | |
|--------------------------|--------------------|
| \$ 585,472 | Stormwater Utility |
| <u>\$ 278,500</u> | FDEP grant |
| \$ 863,972 | Total |

Council Actions:

| | |
|---|------------------|
| 1. Land purchase | June 4, 2019 |
| 2. Task assignment for design and permitting | June 18, 2019 |
| 3. Cost-share agreement with FDEP (scheduled) | October 20, 2020 |

Status:

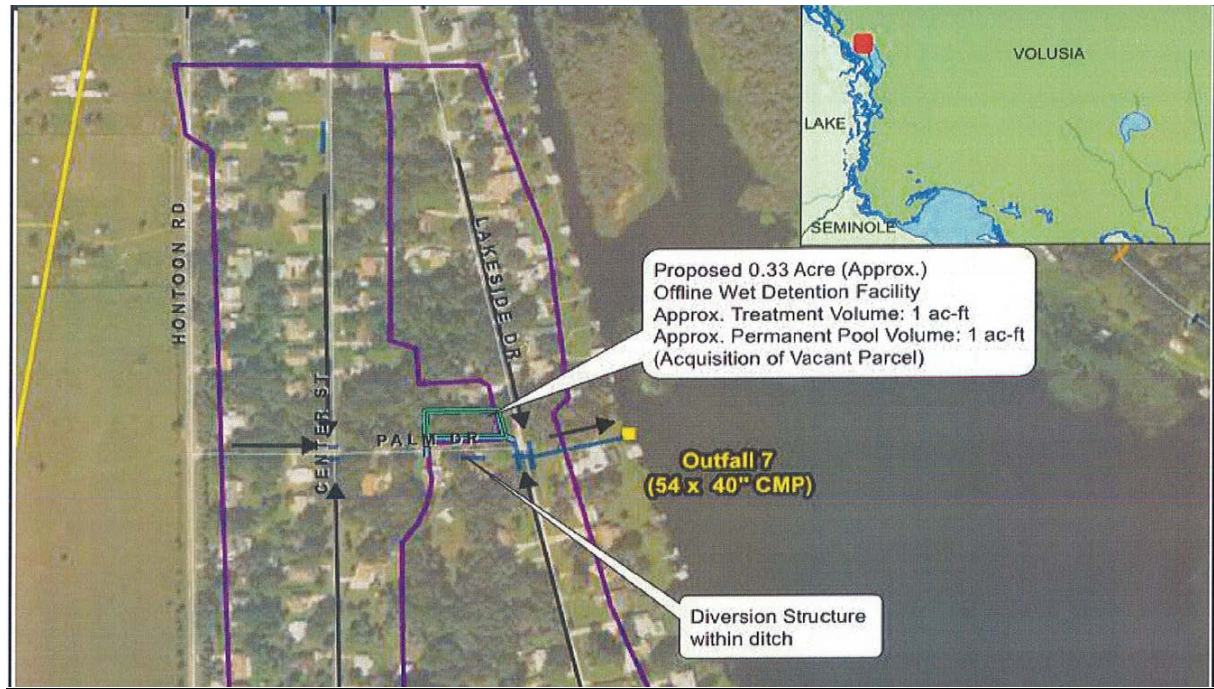
Design is nearing completion. The project will be bid for construction during the first quarter of FY 20/21.

Project Adjustment:

Project cost, funding sources, council actions, and status updated.

PW-DTT-7 (Continued)

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



PW-DTT-8

Project:

Gabordy Canal at 10th Street Stormwater Treatment Facility

Scope:

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

Acquisition:

Completed

Design:

Start: 1st Qtr. – FY 19/20

Finish: 4th Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 20/21 (pending grant funding request)

Finish: 4th Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

| | |
|---------------------|---|
| \$ 100,000 | Indian River Lagoon Council grant |
| \$ 1,099,960 | Stormwater Utility (grant matches) |
| <u>\$ 2,000,000</u> | Indian River Lagoon Grant Program Funding Request (results pending) |
| \$ 3,199,960 | Total |

Council Actions:

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

Status:

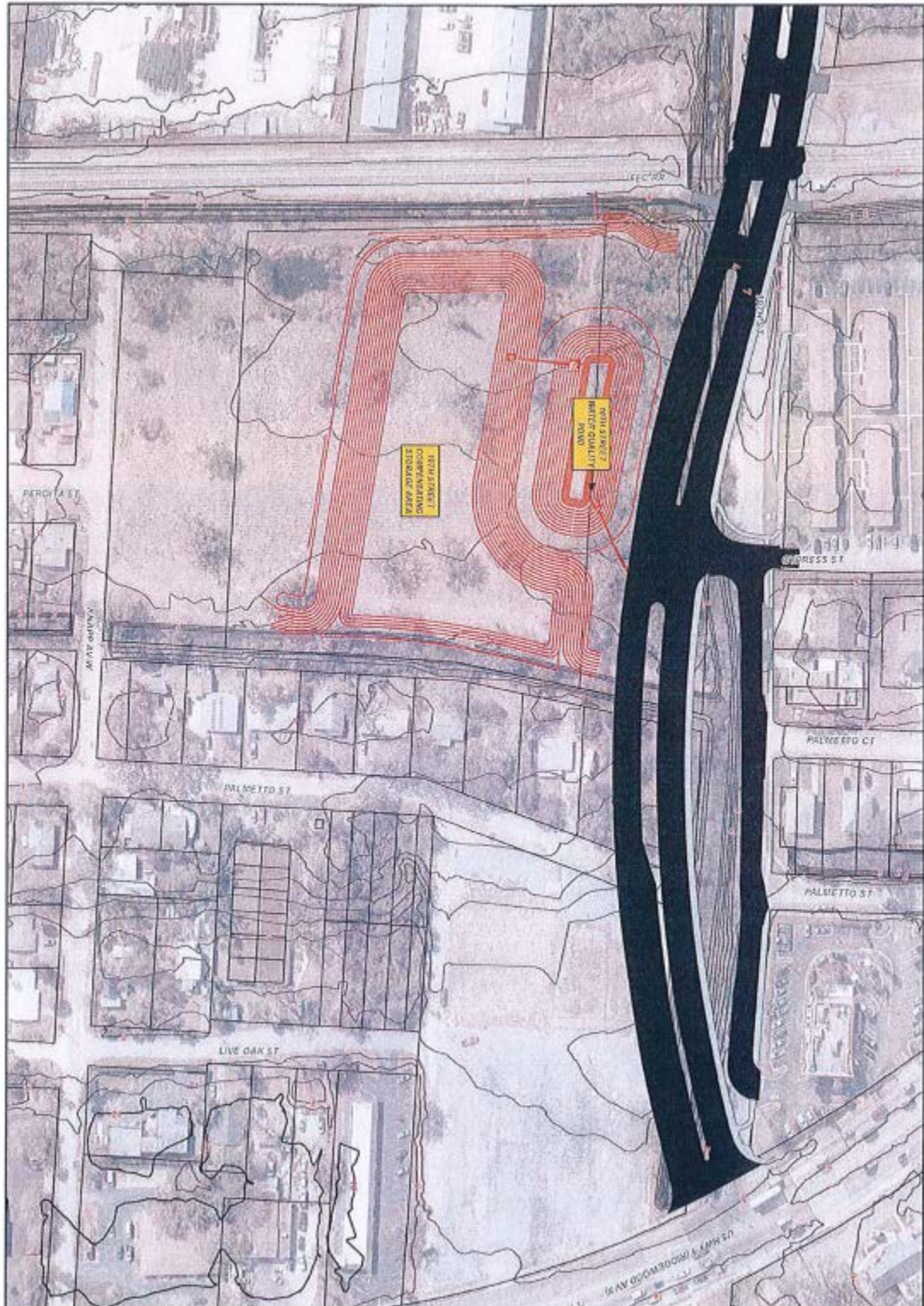
Design is complete. Grant funding applications were submitted to the St. Johns River Water Management District and the Florida Department of Environmental Protection for the FY 2020-2021 Indian River Lagoon Water Quality Improvement Projects Grant Program. Grant results are pending.

Project Adjustment:

Construction schedule, project cost, funding sources, and status updated.

PW-DTT-8 (Continued)

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



PW-DTT-9

Project:

Ariel Canal Water Quality Improvement Project

Scope:

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

Acquisition:

Completed

Design:

Start: 1st Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

Start: 3rd Qtr. – FY 20/21

Finish: 2nd Qtr. – FY 21/22

Project Cost:

| | |
|---------------------|--|
| \$ 74,715 | Engineering Evaluation |
| \$ 124,630 | Design & Permitting and Cultural Resource Assessment |
| <u>\$ 1,800,000</u> | <u>Construction (estimated)</u> |
| \$ 1,999,345 | Total |

Funding Sources:

| | |
|-------------------|--------------------|
| \$ 1,099,345 | Stormwater Utility |
| <u>\$ 900,000</u> | <u>FDEP grant</u> |
| \$ 1,999,345 | Total |

Council Actions:

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

Status:

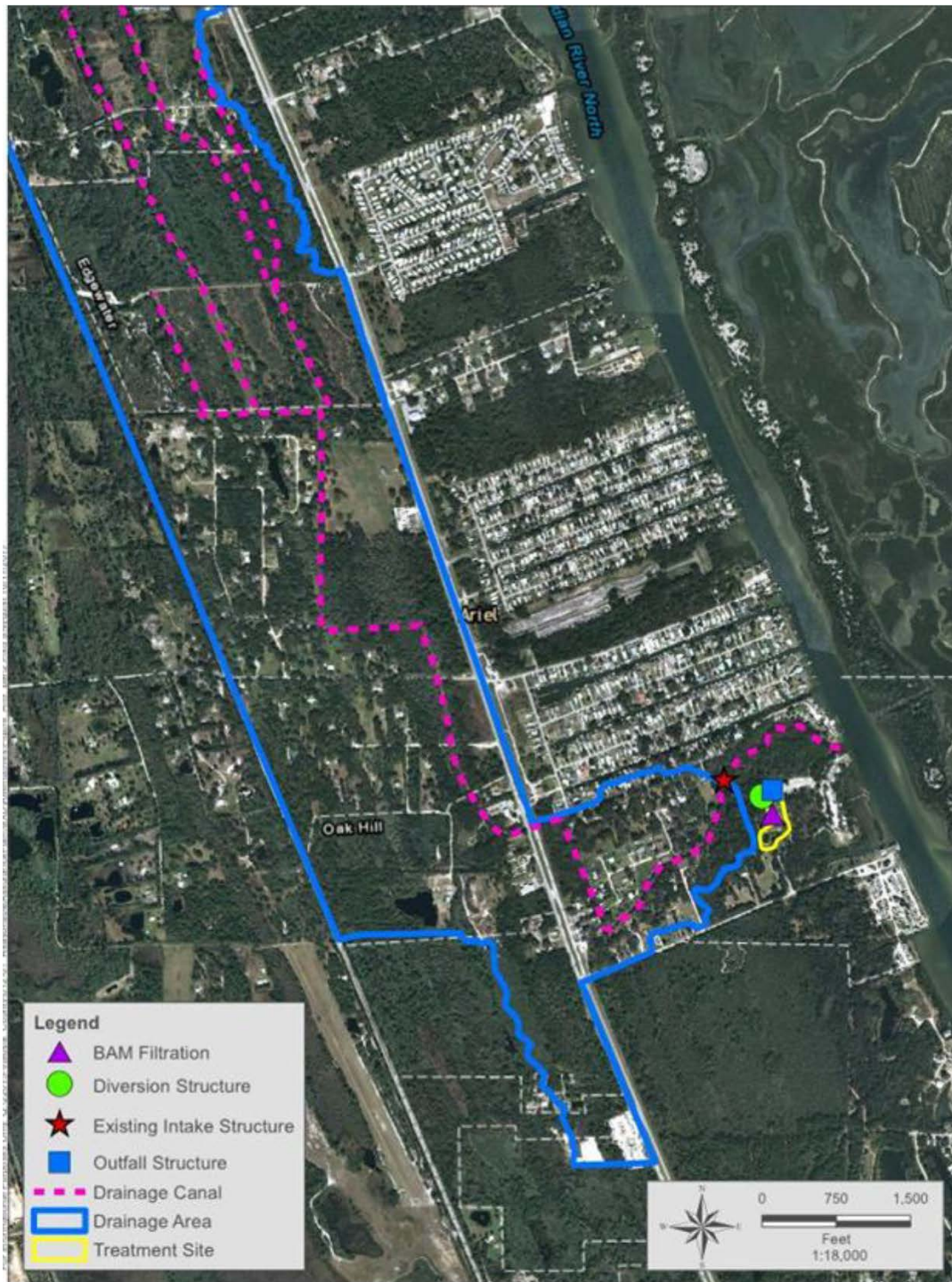
Design is underway. To further reduce the County's contribution, a grant funding application was submitted to the St. Johns River Water Management District for the FY 2020-2021 Indian River Water Quality Improvement Projects Grant Program. Grant results are pending.

PW-DTT-9 (Continued)

Project Adjustment:

Construction schedule, project cost, funding sources, council actions, and status updated.

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



PW-ENG-5061

Project:

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

Scope:

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

Acquisition:

ROW acquired

Design:

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 4th Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

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

Council Actions:

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

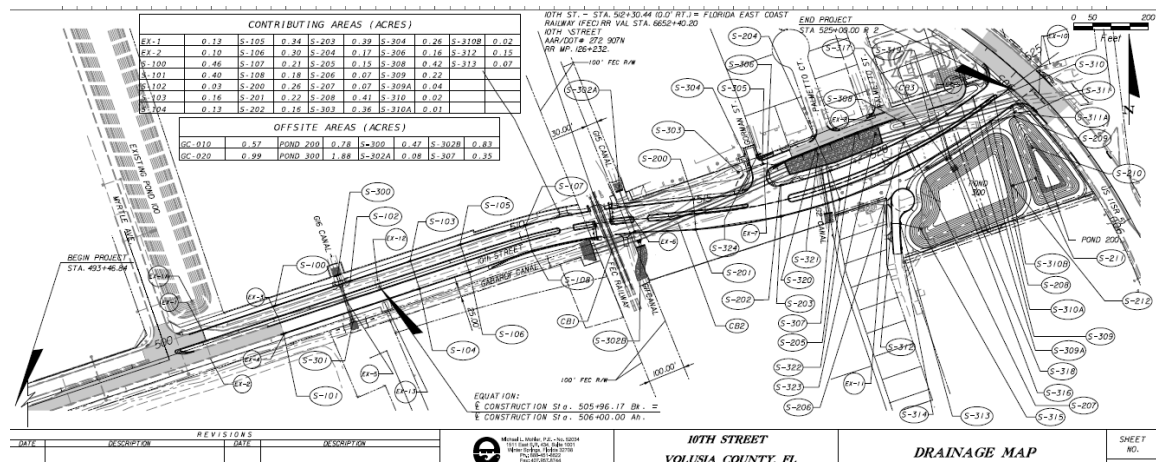
PW-ENG-5061 (Continued)

Status:

FDOT District 5 Rail pursuing funds to support rail crossing improvements
Pre-construction meeting held June 2, 2020.

Project Adjustment:

No change.



PW-ENG-5240

Project:

Howland Blvd Widening – Providence Blvd to Elkcarn Blvd in Deltona

Scope:

2 lane to 4 lane widening

Acquisition:

Need ROW for storm ponds

Start: 3rd Qtr FY 17/18

Finish: 2nd Qtr FY 19/20

Design:

Start: 2nd Qtr. – FY 16/17

Finish: 4th Qtr. – FY 18/19

Construction:

Start: 1st Qtr. – FY 19/20

Finish: 1st Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

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

Council Actions:

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

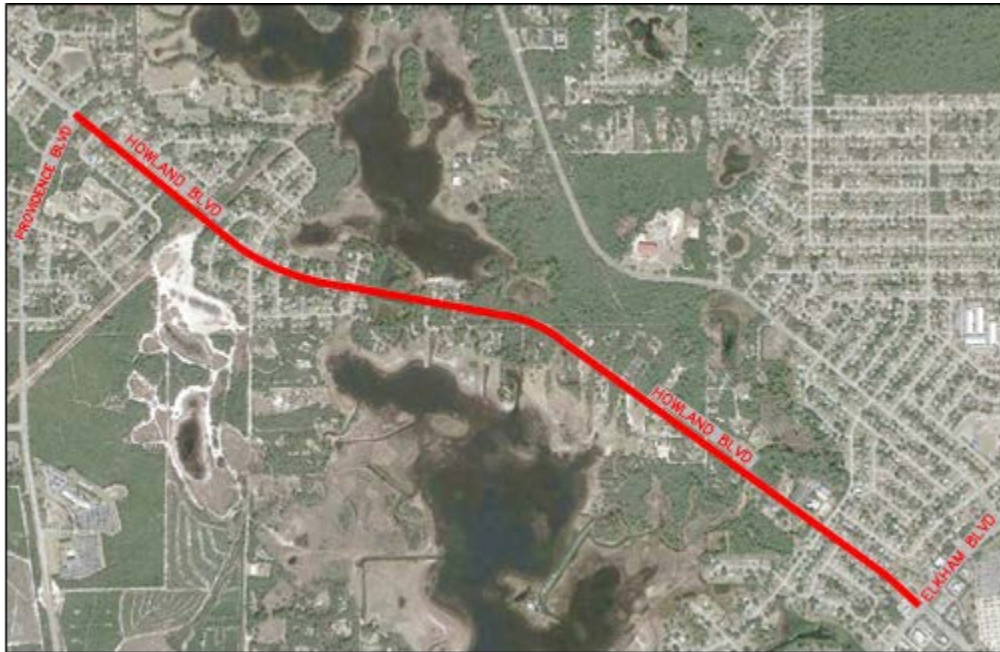
PW-ENG-5240 (Continued)

Status:

Construction underway.
Acquiring additional easements for grading.

Project Adjustment:

No Change.



PW-ENG-5351-1

Project:

Veterans Memorial Bridge - Bridge replacement in Daytona Beach

Scope:

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

Acquisition:

Completed

Design:

Completed

Construction:

Start: 3rd Qtr. – FY 15/16

Finish: 3rd Qtr. – FY 19/20

Project Cost:

| | |
|----------------------|--------------|
| \$ 3,100,000 | Design |
| <u>\$ 43,303,648</u> | Construction |
| \$ 46,403,648 | Total |

Funding Sources:

| | |
|---------------|--|
| \$ 46,241,020 | LAP Grant - FDOT |
| \$ 162,628 | Local Option Gas Tax (seeking LAP Grant funding) |

Council Actions:

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

Status:

Contractor addressing punch list items.

Project Adjustment:

Updated project costs, Council actions and status.



PW-ENG-5395

Project:

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

Scope:

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

Acquisition:

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

Design:

Start: 2nd Qtr. – FY 16/17

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 21/22

Project Cost:

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

Funding Sources:

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

Council Actions:

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

PW-ENG-5395 (Continued)

Status:

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

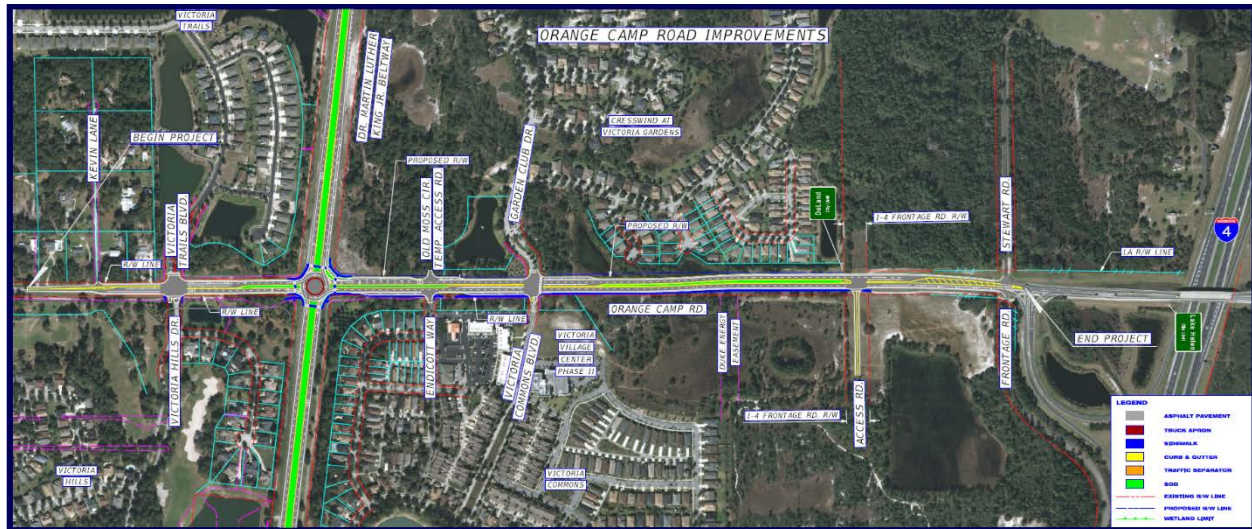
Public meeting - July 2018 at Victoria Gardens Country Club

JPA for utility relocations with City of DeLand executed.

Project Adjustment:

Construction funding reduced by City of DeLand adjusting scope of their utility improvements.

Construction start delayed waiting on overhead utilities relocations. Updated construction schedule and status.



PW-ENG-5511-3

Project:

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

Scope:

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

Acquisition:

None

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 2nd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Project Cost:

\$ 3,070,018

Funding Sources:

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

Council Actions:

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

Status:

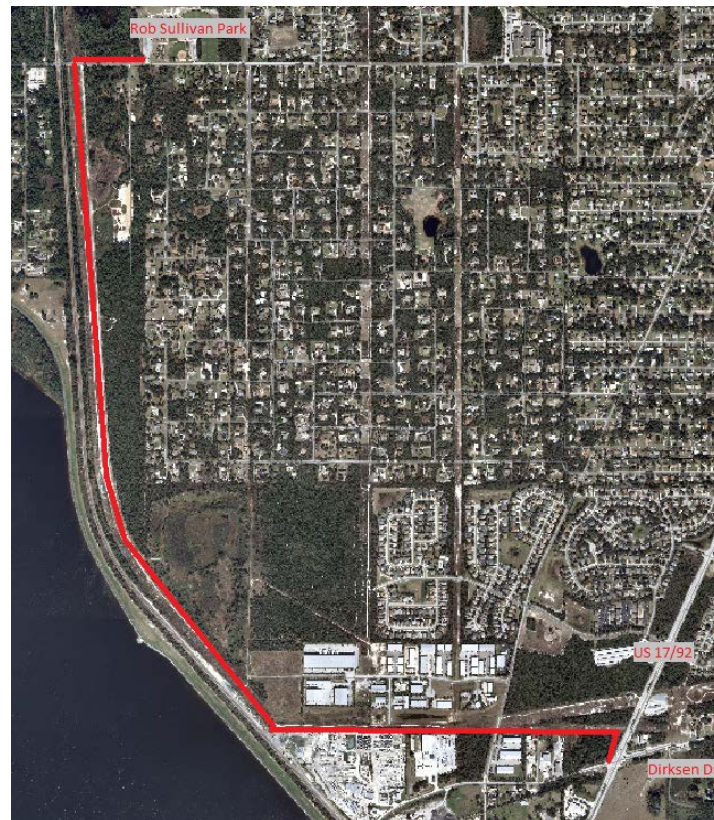
Construction **underway**.

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

Project Adjustment:

Funding updated to reflect license payment to Duke per tri-party agreement. Updated status.

PW-ENG-5511-3 (Continued)



PW-ENG-5797

Project:

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

Scope:

2 lane to 4 lane widening

Acquisition:

Stormwater pond relocation agreement November 2019.

Design:

Plans originally completed in FY 11/12.

Update of plans:

Start: 3rd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 4th Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Project Cost:

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

Funding Sources:

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

Council Actions:

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

PW-ENG-5797 (Continued)

Status:

Construction underway.

Project Adjustment:

No change.



PW-MSC-01

Project:

Marine Science Center Renovation

Scope:

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

Acquisition:

None

Design:

Start: 2nd Qtr. – FY 17/18

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 3rd Qtr. – FY 18/19

Finish: 1st Qtr. – FY 20/21

Project Cost:

\$ 1,478,326

Funding Sources:

\$ 1,478,326

General Fund

Council Actions:

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

Status:

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

Project Adjustment:

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-MSC-01 (Continued)



PW-RB-1

Project:

Public Works Northeast Services Facility

Scope:

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

Acquisition:

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

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 18/19

Design:

Start: 1st Qtr. – FY 18/19

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 2nd Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

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

Council Actions:

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

Status:

Notice to proceed with construction issued February 11, 2020. The project schedule reflects a 13-month duration with the final completion as March 19, 2021.

Construction is underway. The project is considered officially "topped out" with all buildings sufficiently completed to keep out weather elements and are secured with doors.

PW-RB-1 (continued)

Project Adjustment:

Status updated.



PW-SW-4

Project:

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

Scope:

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

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Project Cost:

\$ 43,300 Design

\$ 347,595 Construction

\$ 390,894 Total

Funding Sources:

\$ 390,894 Solid Waste Funded

Council Actions:

1. Recommendation of Award November 5, 2019

Status:

Preparing task assignment for design

Task assignment has been approved.

Design is complete.

Recommendation of Award scheduled to go to Council November 5, 2019

Preconstruction meeting scheduled for February 12, 2020

Notice to Proceed issued February 12, 2020

Project Adjustment:

The construction timeline was extended by one quarter and the project cost was increased by \$5,341 due to the relocation of the dry fire hydrant.

PW-TE-9

Project:

Pioneer Trail & Enterprise Avenue in New Smyrna Beach

Scope:

Traffic Signal Upgrade – Conversion from concrete poles to mast arm

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 4th Qtr. – FY 18/19

Finish: 4th Qtr. – FY 19/20

Project Cost:

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

Funding Sources:

\$ 279,088 Local Option Gas Tax

Council Actions:

Approved FY 18/19 Budget

Status:

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

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

Final Inspection & Acceptance 7/14/2020.

Project Adjustment: **Early Finish**

PW-TE-9 (Continued)



PW-TE-10

Project:

Saxon Boulevard & Market Place in Orange City

Scope:

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

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

\$ 361,600 Local Option Gas Tax

Council Actions:

1. Approved FY 17/18 Budget

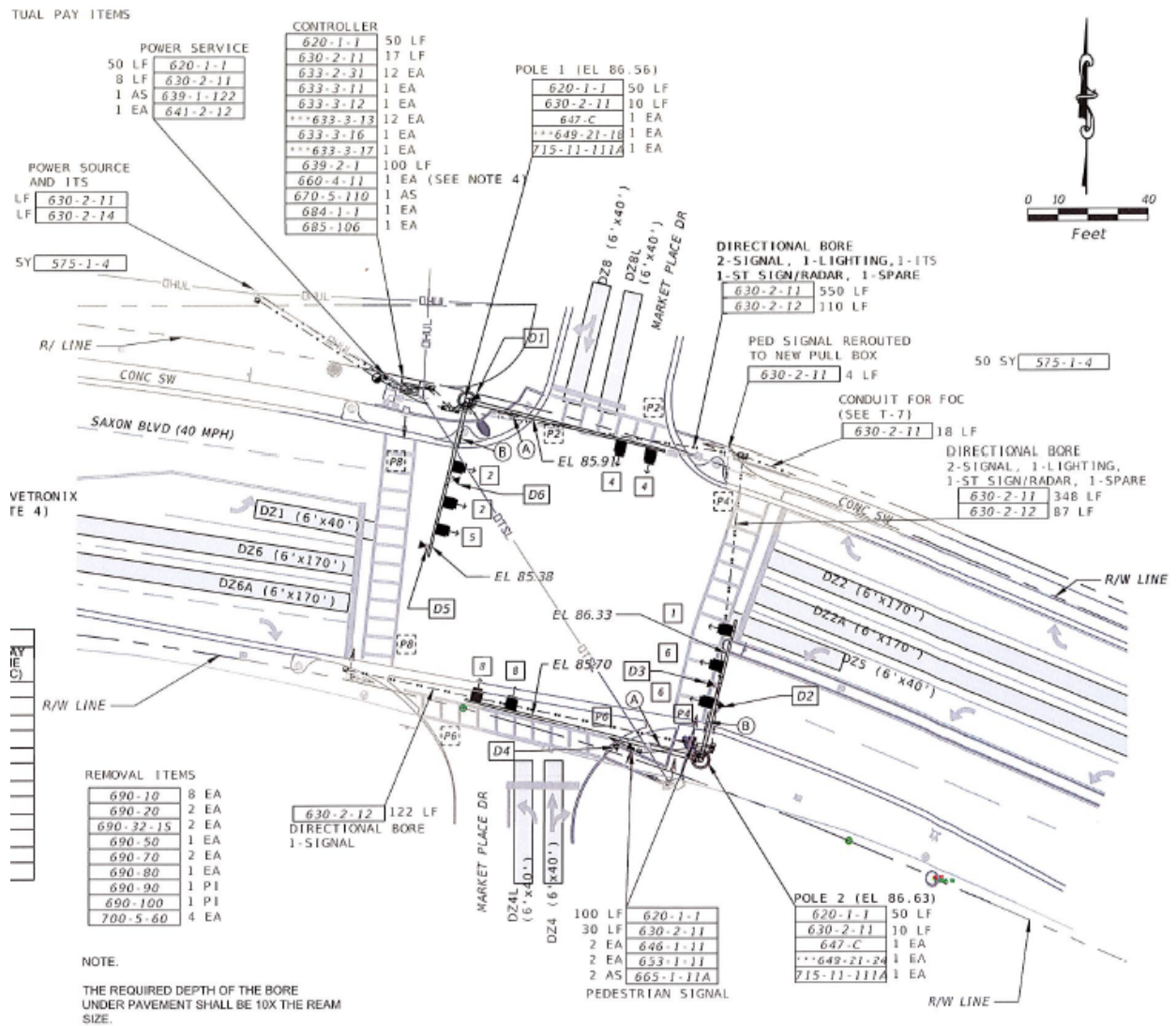
Status:

Design NTP 11/19/18 (TA 34, PC-2479). Design completed. Construction NTP 8/14/2020 (PO 770-1626). Increase in construction cost due conversion to mast arm (instead of concrete poles) to eliminate need for additional right-of-way since property owner was non-responsive.

Project Adjustment:

Updated project status and cost.

PW-TE-10 (Continued)



PW-TE-11

Project:

Williamson Boulevard & Bellevue Avenue Extension

Scope:

Traffic Signal Upgrade – Conversion from concrete poles to mast arms

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

\$ 431,627 Local Option Gas Tax

Council Actions:

1. Approved FY 19/20 Budget

Status:

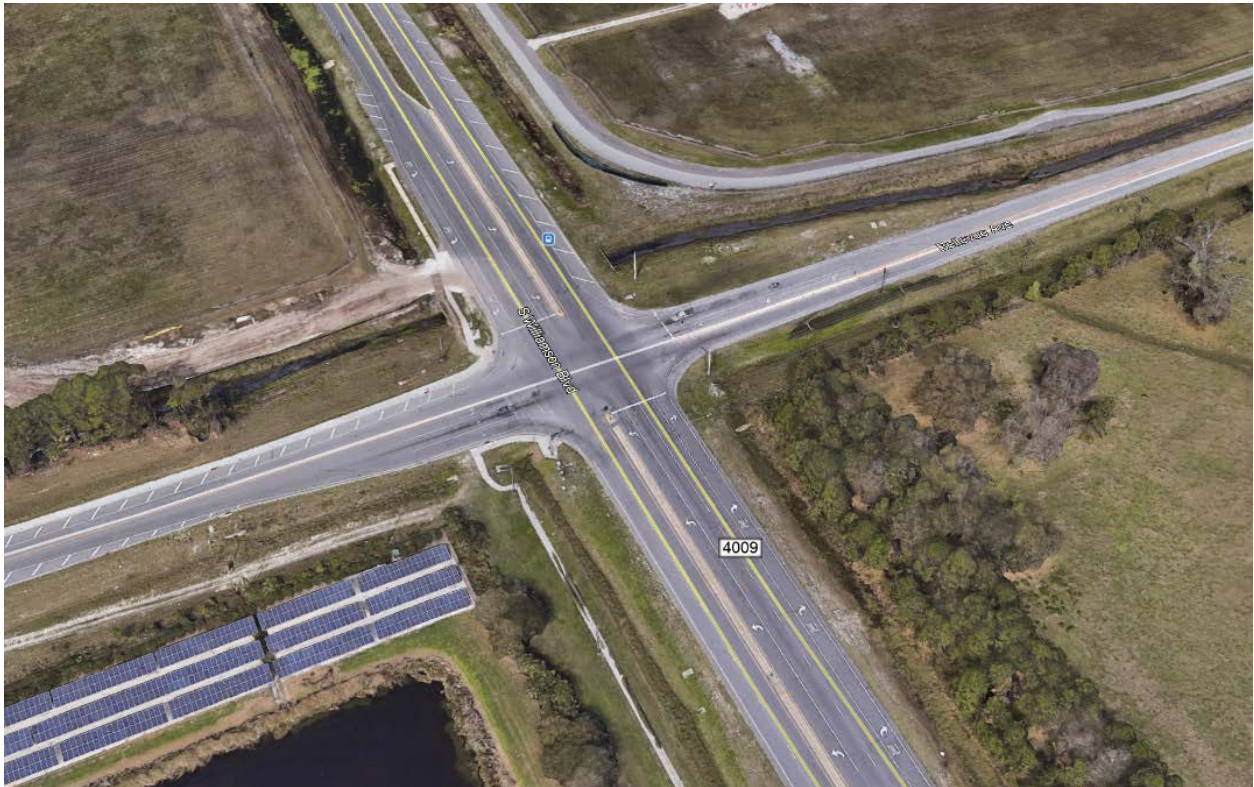
Design NTP 11/15/2019 (TA 45 PC-2629), Design completed. Construction NTP 6/19/2020 (PO 770-1312).

Project Adjustment:

No change

PW-TE-11 (Continued)

Intersection Aerial View:



PW-TE-12

Project:

Orange Camp Road & South Blue Lake Avenue

Scope:

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

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 19/20

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 3rd Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

\$ 400,578 Local Option Gas Tax

Council Actions:

1. Approved FY 19/20 Budget

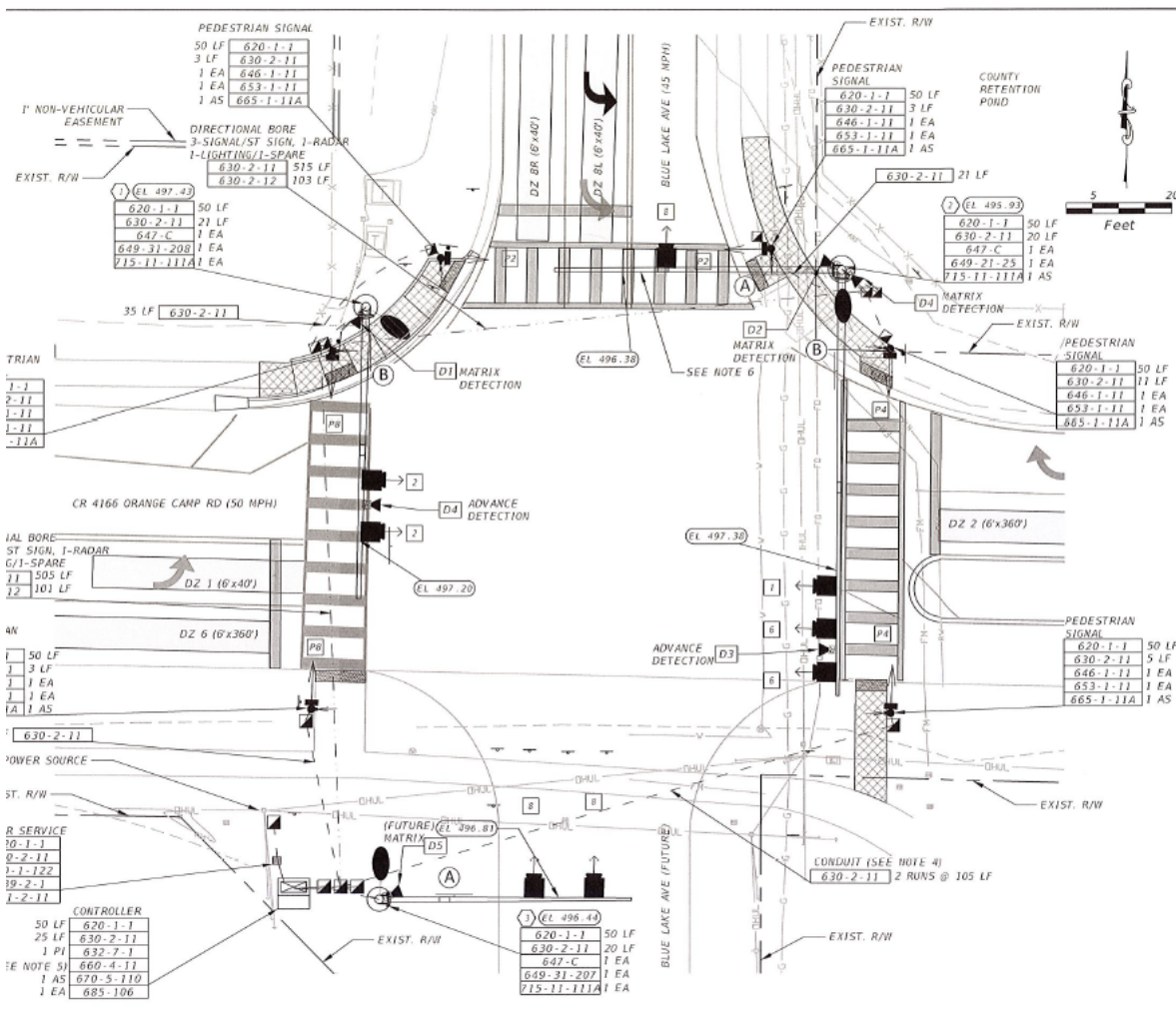
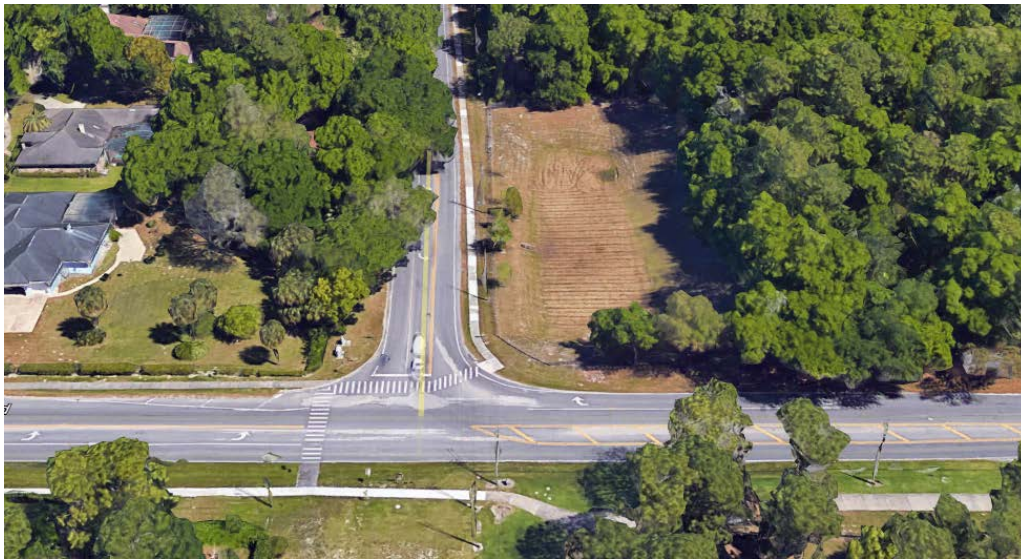
Status:

Design NTP 11/07/2019 (TA 44 PC-2628), Design completed. Construction NTP 8/14/2020 (PO 770-1627). Increase in construction cost resulting from conversion to mast arm (instead of concrete poles) to eliminate sight distance issue.

Project Adjustment:

Updated project status and cost.

Intersection Aerial View:



PW-TE-14

Project:

LPGA Boulevard & Center Street, Holly Hill

Scope:

Traffic Signal Upgrade – Conversion from concrete poles to mast arms

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

Start: 1st Qtr. – FY 20/21

Finish: 1st Qtr. – FY 21/22

Project Cost:

| | |
|------------|--------------|
| \$ 34,400 | Design |
| \$ 325,000 | Construction |
| \$ 356,400 | Total |

Funding Sources:

\$ 356,400 Local Option Gas Tax

Council Actions:

1. Approved FY 19/20 Budget

Status:

Design NTP 11/07/2019 (TA 43 PC-2627), design 99% complete. Final design awaiting council approval to utilize the Seminole County contract for signal construction pay items. Upon approval, consultant will revise cost estimate.

Project Adjustment:

Updated construction schedule and status. Seminole County contract expired and was re-bid. Awaiting Seminole County Council approval before taking new contract to our county council for approval.

PW-TE-14 (Continued)

Intersection Aerial View:



PW-WRU-4

Project:

Indian Harbor Estates Sanitary Sewer Retrofit

Scope:

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

Design:

Start: 2nd Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

Start: Pending Grant Funding

Finish: N/A

Project Cost:

\$ 358,305 Design

Funding Sources:

\$ 258,305 Water Resources and Utilities Operating Funds

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

\$ 358,305 Total

Council Actions:

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

Status:

Pending matching funds from other governmental regulatory agencies

Project Adjustment:

N/A



PW-WRU-9

Project:

Glen Abbey Subdivision Reclaimed Water Main Extension

Scope:

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

Design:

Start: 1st Qtr. – FY 18/19

Finish: 3rd Qtr. – FY 18/19

Construction:

Start: 1st Qtr. – FY 19/20

Finish: 4th Qtr. – FY 19/20

Project Cost:

\$501,000 Engineering and Construction

Funding Sources:

\$501,000 Water Resources and Utilities Operating Funds

Council Actions:

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

Status:

Construction complete

Project Adjustment:

Project status updated.



PW-WRU-10

Project:

Southwest Service Area Wastewater Infrastructure Improvements

Scope:

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

Acquisition:

N/A

Design:

Start: 2nd Qtr. – FY 18/19

Finish: 1st Qtr. – FY 19/20

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 20/21

Project Cost:

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

Funding Sources:

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

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

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

\$ 6,300,000 Total

Council Actions:

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

Status:

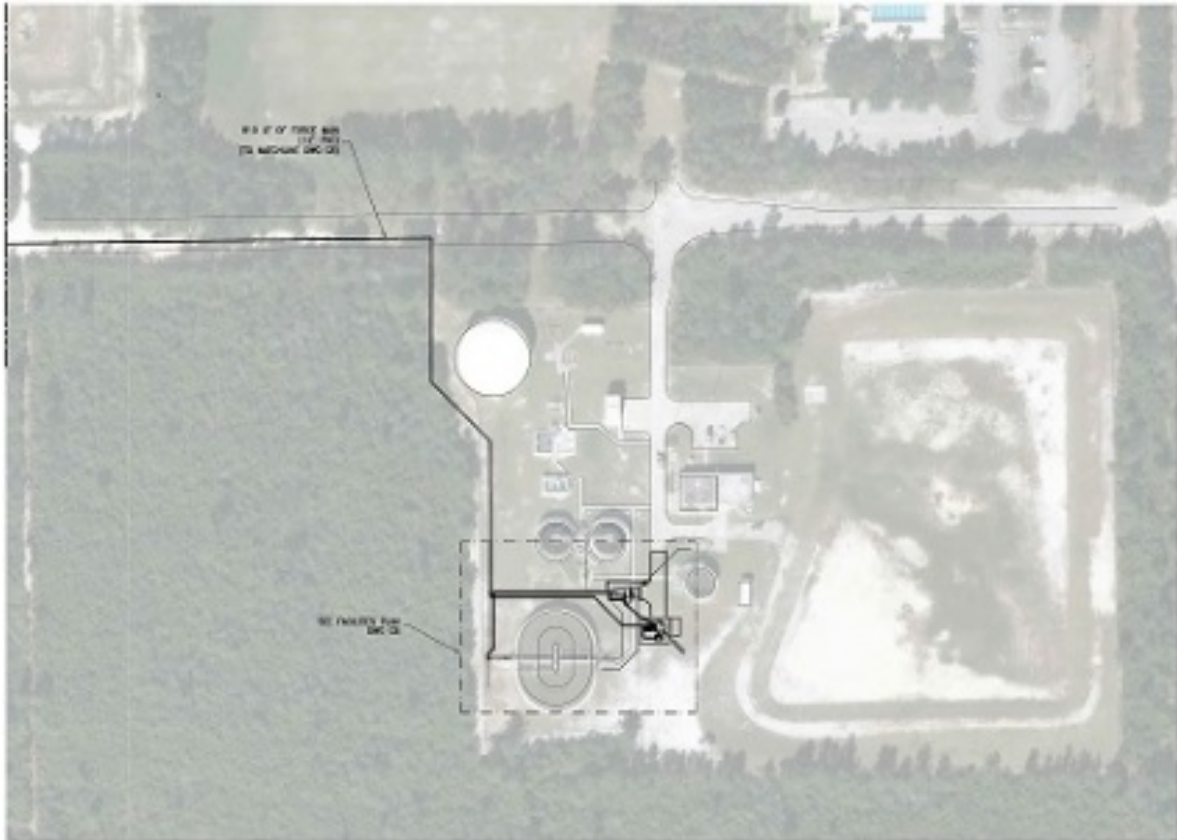
Design complete

Construction on schedule

Project Adjustment:

Project status updated

PW-WRU-10 (Continued)



PW-WRU-11

Project:

Fort Florida Rd Utility Improvements

Scope:

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

Design:

Start: 3rd Qtr. – FY 17/18

Finish: 4th Qtr. – FY 18/19

Construction:

Start: 2nd Qtr. – FY 19/20

Finish: 4th Qtr. – FY 19/20

Project Cost:

\$ 172,410 Design

\$ 1,343,337 Construction

\$ 1,515,747 Total

Funding Sources:

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

Council Actions:

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

Status:

Commence construction Feb 2020

Project Adjustment:

Construction completed on Sept 20, 2020



PW-WRU-12

Project:

Blue Spring Wetland Aquifer Recharge (Phase I)

Scope:

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

Acquisition:

Land acquisition pending technical and environmental assessment of load test results

Design and Analysis:

Start: 1st Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Construction:

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

Project Cost:

\$ 950,000 Phase I testing and analysis

Funding Sources:

\$ 375,000 SJRWMD cost share funds

\$ 460,000 Participating city shares

\$ 115,000 WRU Budgeted funds

\$ 950,000 Total

Council Actions:

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

Status:

Load test and analysis currently in progress

Project Adjustment:

N/A

PW-WRU-12 (Continued)



PW-WRU-13

Project:

Glen Abbey Water Treatment Plant Upgrades

Scope:

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

Acquisition:

N/A

Design and Analysis:

N/A

Construction:

Start: 3rd Qtr. – FY 19/20

Finish: 1st Qtr. – FY 20/21

Project Cost:

\$ 375,500 Installation

Funding Sources:

\$ 375,500 WRU Budgeted funds

Council Actions:

1. Construction contract for installation approved November 19, 2019

Status:

Electrical improvements in progress, delivery of equipment delayed 12 weeks.

Project Adjustment:

Updated status and project schedule.





CAPITAL PROJECT SCHEDULE

FY 19/20

Completed Projects

(current quarter completed projects in main section)

Revised 10/08/20

CS-PRC-20

Project:

Hope Place Recreation Area

Scope:

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

Acquisition:

Donation approved July 6, 2017 by County Council

Design:

Start: 1st Qtr. FY 17/18

Finish: 4th Qtr. FY 17/18

Construction:

Start: 2nd Qtr. FY 18/19

Finish: 2nd Qtr. FY 19/20

Project Cost:

\$ 481,468 Construction

Funding Sources:

\$ 481,468 Park Impact Fee Zone

Council Actions:

Conceptual Plan Reviewed by Council – December 8, 2016

Council Approved Playground Purchase on April 16, 2019

Council Approved basketball court contract on July 2, 2019

Council Approved landscaping & irrigation on August 6, 2019

Status:

Design 100% complete

Met with public on February 13, 2018

Met with public on September 29, 2018

Playground & shade structure complete

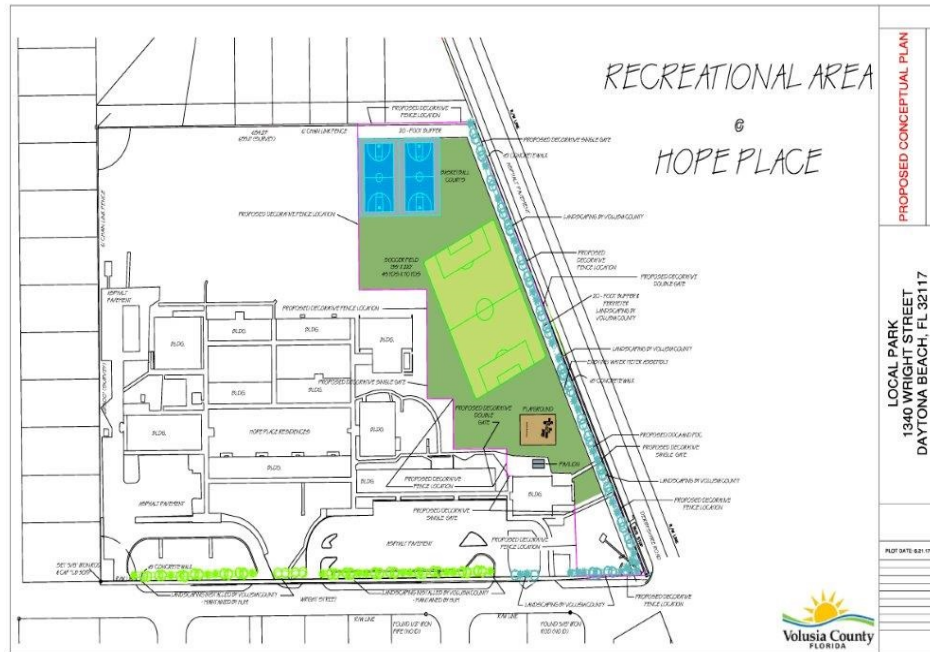
Basketball court under construction

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

Project Adjustment:

Project complete

CS-PRC-20 (continued)



DAB-AF/PAV-01-A

Project:

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

Scope:

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

Acquisition:

N/A

Design:

Start: 1st Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 16/17

Construction:

Phase I – Bid Schedule B

Start: 3rd Qtr. – FY 16/17

Finish: 2nd Qtr. – FY 19/20

Phase II – Bid Schedule C

Start: 3rd Qtr. – FY 16/17

Finish: 3rd Qtr. – FY 19/20

Project Cost:

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

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

\$ 39,976,408 Total

Funding Sources:

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

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

\$ 94,633 FDOT Grant funding FM 431539

\$ 110,525 Local funding

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

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

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

\$ 514,527 Local Funding FY17/18

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

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

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

\$ 1,089,773 Local Funding

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

Council Actions:

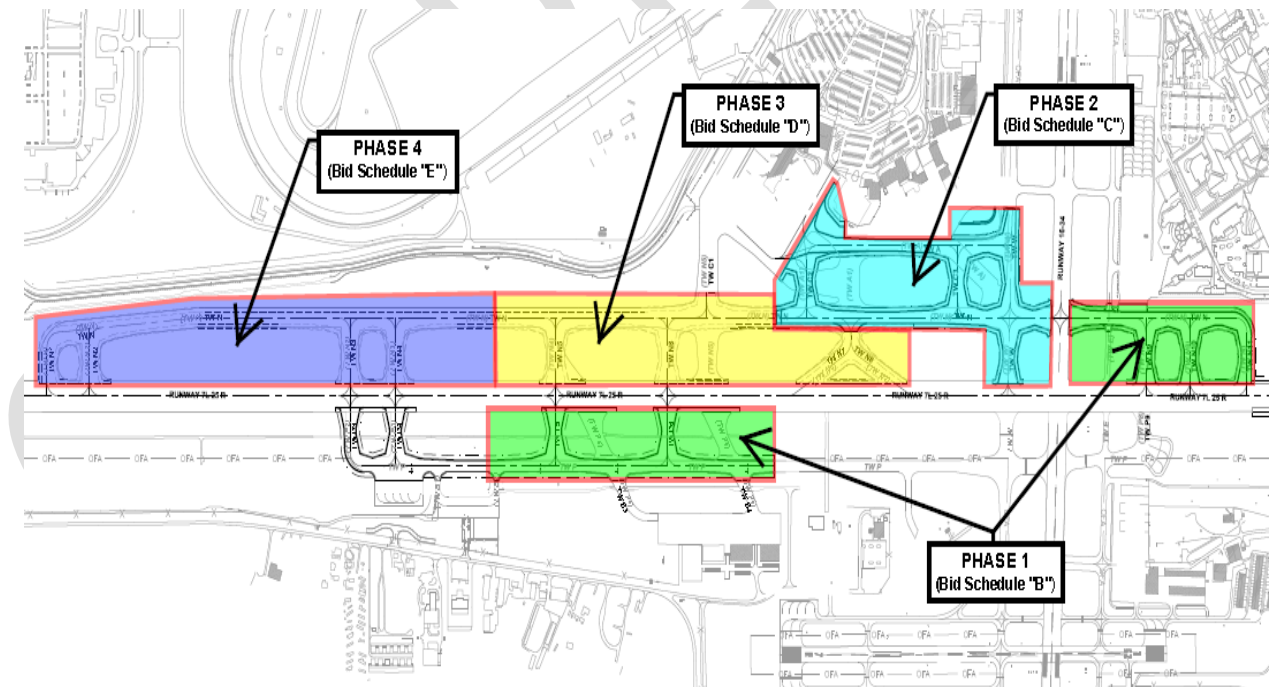
| | |
|---|----------------|
| 1. Grant acceptance and approval of local match | April 4, 2013 |
| 2. Partial Cost approval | July 17, 2014 |
| 3. Request for additional funding | June 4, 2015 |
| 4. Budget Resolution Renewal | Nov 17, 2016 |
| 5. TA for A&E services approval | Dec 15, 2016 |
| 6. Budget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

Status:

Bid Schedule B and Bid Schedule C work is complete.

Project Adjustment:

N/A



PP-DOC-8

Project:

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

Scope:

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

Acquisition:

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

Design:

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

Construction:

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

Project Cost:

\$ 830,932

Funding Sources:

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

Council Actions:

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

Status:

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

Project completed in October 2019.

PP-DOC-8 (Continued)

Project Adjustment:

Project cost was estimate.

Project cost updated to reflect bid award amount.

COMPLETE

PP-DOC-12

Project:

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

Scope:

Roof Replacement Project –Phase 3

Acquisition:

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

Design:

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

Construction:

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

Project Cost:

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

Funding Sources:

\$580,484 General Fund

Council Actions:

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

Status:

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

Project Adjustment:

Metal fabrication has delayed the completion of the project slightly.

PP-DOC-12 (Continued)



COMPLETE

PW-ENG-5712

Project:

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

Scope:

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

Acquisition:

Additional ROW acquisition for roadway and stormwater to be by donation

Design:

Start: 4th Qtr. - FY 15/16

Finish: 2nd Qtr. - FY 17/18

Construction:

Start: 3rd Qtr. – FY 17/18

Finish: 1st Qtr. – FY 19/20

Project Cost:

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

Funding Sources:

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

Council Actions:

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

Status:

Construction complete.

Mitigation approved – Permit in hand.

Project Adjustment:

Updated project status to complete.



PW-SW-5

Project:

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

Scope:

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

Acquisition:

N/A

Design:

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

Construction:

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

Project Cost:

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

Funding Sources:

| | |
|--------------|--------------------|
| \$ 9,093,428 | Solid Waste Funded |
|--------------|--------------------|

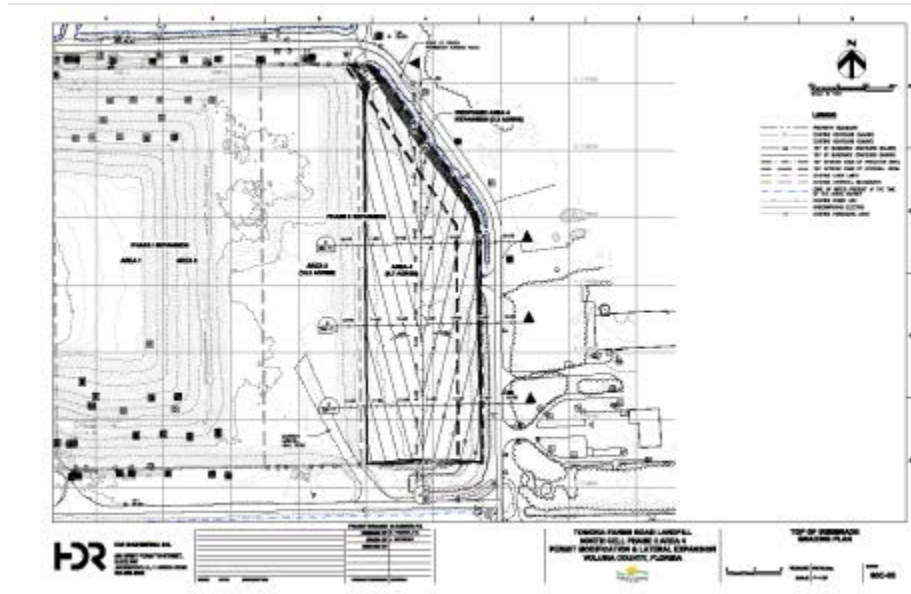
Council Actions:

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

Status:

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

Project Adjustment:



PW-WRU-5

Project:

Deltona North Water Treatment Plant Facility Upgrades

Scope:

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

Acquisition:

None Required

Design:

Start: 2nd Qtr. – FY 16/17

Finish: 1st Qtr. – FY 17/18

Construction:

Start: 2nd Qtr. – FY 18/19

Finish: 2nd Qtr. – FY 19/20

Project Cost:

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

Funding Sources:

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

Council Actions:

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

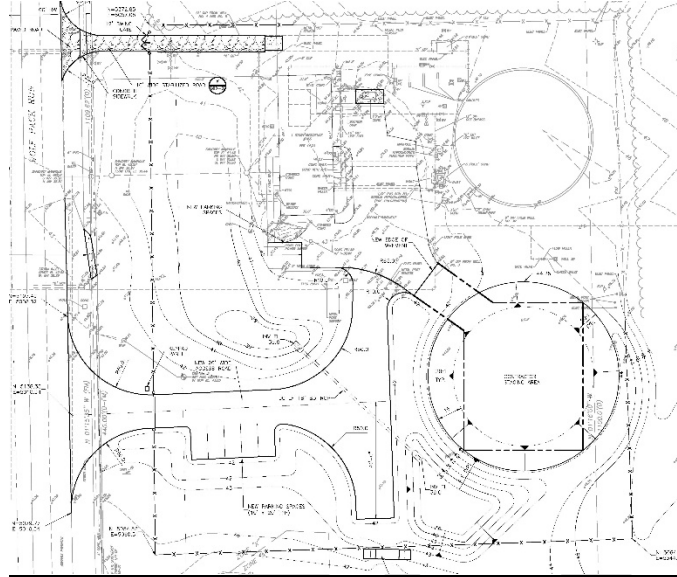
Status:

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

Project Adjustment:

N/A

PW-WRU-5 (Continued)



PW-WRU-8

Project:

Advanced Meter Infrastructure (AMI)

Scope:

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

Acquisition:

N/A

Design:

N/A

Construction:

Start: 1st Qtr. - FY 18/19

Finish: 1st Qtr. - FY 19/20

Project Cost:

\$ 956,760

Funding Sources:

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

Council Actions:

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

Status:

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

Project Adjustment:

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

PW-WRU-8 (Continued)

