CAPITAL PROJECT SCHEDULE

August 17, 2021

Revised 7/7/21
Volusia County
Capital Project Schedule Executive Summary
Quarter 3 Update – August 17, 2021

Community Services
- Lemon Bluff Park – Construction delayed due to repair of boat launch.
- Marine Discovery Center Trail – County Council approved Resolution of Support for Sub-Lease.
- Westside Votran Maintenance Facility – Project completed.

Daytona Beach International Airport
- Taxiway November Rehabilitation – Project completed.
- DAB Terminal –
  - Parking Lot Improvements – County Council approved FDOT grant.
  - Terminal Renovations – Project completed.

Finance
- Countywide 800 MHz Radio System –
  - Phase II – County Council approved a vendor contract, Lake Harney Tower land lease, and consultant contract renewal.

Ocean Center
- Replace Arena Roof – Project damage assessment final change order in discussion.
- Sound System Replacement – Change order #1 in process
- Parking Garage –
  - Deck & Drainage Restoration – Project damage assessment underway, change order pending.

Public Protection
- Volusia County Branch Jail and Correctional Facility –
  - Potable Water Pipe Replacement – Design for remaining housing cells initiated
  - Operations System Upgrade – Integration issue resolved, working on additional features and reporting. Final system acceptance is anticipated for next quarter
- Fire Station 18 (500 Rodeo Rd, Ormond Beach) – Reviewing possible land purchase opportunities.
- Fire Station 22 (213 N. US Hwy 1, Oak Hill) – Temporary housing installed onsite June 2021, electrical and lift station connections completed. Inspection expected to allow staff to move out of fire station and renovation to begin.
- Medical Examiner Facility – Schematic design completed, design development drawings in progress.

Public Works
- Coastal – Off-Beach Parking
  - Bolyston Beach Ramp Improvements (Daytona Beach) – County Council approved the construction contract
Plaza Beach Ramp Public Access Improvements (Daytona Beach) – Phase 1 construction nearing completion, County Council approved Phase 2 construction.

Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave, Daytona Beach Shores) – Construction 30% complete.

Dahlia Avenue Park (3621 S. Atlantic Ave, Daytona Beach Shores) – Construction 30% complete.

Silver Beach Avenue Beach Ramp Improvements (Daytona Beach) – Design delayed due to delays in public participation.

University Boulevard Beach Ramp Improvements (Daytona Beach) – Development agreement delays with Protogroup.

Road & Bridge

Lake Beresford/Lakeside Drive Stormwater Improvement Project – Construction slated to be completed next quarter.

Gabordy Canal at 10th Street – County Council approved a cost-share agreement with FDEP as well as the construction award. Construction began in July.

Ariel Canal Water Quality Improvement Project – County Council approved a task assignment for post-design and grant services.

Engineering & Construction

Howland Boulevard Widening – County Council approved authorization for Eminent Domain. Acquiring parcel to accommodate intersection improvements at Providence Blvd.

Veteran’s Memorial Bridge – Project completed.

Spring to Spring Phase 3B – County Council approved a supplemental SUN Trail Grant Agreement.

Beresford Avenue Extension – County Council approved a Right of Way Agreement, a task assignment for a design consultant and the land purchase.

Solid Waste

Tomoka Farms Road Landfill – Household Hazardous Waste Drop Off Area – The construction timeline was extended by one quarter to accommodate the coordination of this project and the Class III Stormwater Improvement Project.

Tomoka Farms Road Landfill – Stormwater Improvements – County Council awarded the construction contract, and the pre-construction meeting was held.

Traffic Signals

Saxon Boulevard & Market Place – Project completed.

Williamson Boulevard & Bellevue Avenue Extension – Project completed.

Orange Camp Road & South Blue Lake Avenue – Project completed.

Water Resources and Utilities

Blue Springs Wetland Aquifer Recharge (Phase 1) – Load testing and analysis report complete, site close out in progress.

Glen Abbey Water Treatment Plant Upgrades – Project completed.

Total Value of All CPS Projects Underway in Quarter 3 Update $ 174,939,230
Total Value of All CPS Projects Completed by Quarter 3 Update $ 117,596,752
## FY 20/21 Q3 Update

### Fiscal Quarters

<table>
<thead>
<tr>
<th>Fiscal Quarter</th>
<th>Description</th>
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<tbody>
<tr>
<td>Q1</td>
<td>October - December</td>
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<tr>
<td>Q2</td>
<td>January - March</td>
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<td>Q3</td>
<td>April - June</td>
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<tr>
<td>Q4</td>
<td>July - September</td>
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### Phase Legend

- **Blue**: Land Acquisition Phase
- **Green**: Design/Permitting Phase
- **Red**: Bid & Construction Phase
- **Red and Green**: Activity Overlap
- **Yellow**: Schedule Adjustment
- **Gray**: Project Complete

### Department Legend

<table>
<thead>
<tr>
<th>Department</th>
<th>Description</th>
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<tbody>
<tr>
<td>BS</td>
<td>Business Services</td>
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<td>CS</td>
<td>Community Services</td>
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<td>DAB</td>
<td>Daytona Beach Intl Airport</td>
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<td>FIN</td>
<td>Finance</td>
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<td>OC</td>
<td>Ocean Center</td>
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<td>PP</td>
<td>Public Protection</td>
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<td>PW</td>
<td>Public Works</td>
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</tbody>
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*New Projects are in **bold**

**Completed Projects are in *italics* - refer to back of binder for previous quarters*
## Master Capital Project Schedule

**Sorted by Project Number (PID)**

### Legend
- Land Acquisition
- Design/Permitting
- Bid & Construction
- Activity Overlap
- Adjustments
- Complete

| PID          | Project Name                                | District | FY 17/18 Q1 | FY 18/19 Q1 | FY 19/20 Q1 | FY 20/21 Q1 | FY 21/22 Q1 | FY 22/23 Q1 | FY 17/18 Q2 | FY 18/19 Q2 | FY 19/20 Q2 | FY 20/21 Q2 | FY 21/22 Q2 | FY 22/23 Q2 | FY 17/18 Q3 | FY 18/19 Q3 | FY 19/20 Q3 | FY 20/21 Q3 | FY 21/22 Q3 | FY 22/23 Q3 | FY 17/18 Q4 | FY 18/19 Q4 | FY 19/20 Q4 | FY 20/21 Q4 | FY 21/22 Q4 | FY 22/23 Q4 | FY 17/18 Q5 | FY 18/19 Q5 | FY 19/20 Q5 | FY 20/21 Q5 | FY 21/22 Q5 | FY 22/23 Q5 | FY 17/18 Q6 | FY 18/19 Q6 | FY 19/20 Q6 | FY 20/21 Q6 | FY 21/22 Q6 | FY 22/23 Q6 |
|--------------|---------------------------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
### Business Services

| PID          | Project Name                                | District | FY 17/18 Q1 | FY 18/19 Q1 | FY 19/20 Q1 | FY 20/21 Q1 | FY 21/22 Q1 | FY 22/23 Q1 | FY 17/18 Q2 | FY 18/19 Q2 | FY 19/20 Q2 | FY 20/21 Q2 | FY 21/22 Q2 | FY 22/23 Q2 | FY 17/18 Q3 | FY 18/19 Q3 | FY 19/20 Q3 | FY 20/21 Q3 | FY 21/22 Q3 | FY 22/23 Q3 | FY 17/18 Q4 | FY 18/19 Q4 | FY 19/20 Q4 | FY 20/21 Q4 | FY 21/22 Q4 | FY 22/23 Q4 | FY 17/18 Q5 | FY 18/19 Q5 | FY 19/20 Q5 | FY 20/21 Q5 | FY 21/22 Q5 | FY 22/23 Q5 |
|--------------|---------------------------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
**Land Acquisition**

- BS-FMD-02 New Elections Warehouse
- CS-PRC-01 Lemon Bluff Park
- CS-PRC-19 Marine Discovery Center Trail
- **CS-VOT-07 Westside Votran Maintenance Facility**

**Community Services**

- CS-PRC-01 Lemon Bluff Park
- CS-PRC-19 Marine Discovery Center Trail
- **CS-VOT-07 Westside Votran Maintenance Facility**

### Daytona Beach International Airport

- **DAB-TER-07 Terminal Renovation**
- **DAB-TER-03 Terminal Parking Lot Improvements**
- **DAB-TER-01 Taxiway November Rehabilitation Bid Schedules D & E**

### Finance

- FIN-IT-01 Countywide 800 MHz Radio System

### Ocean Center

- OC-318-07 Ocean Center Retrofit Arena Lighting to LED
- OC-318-12 Ocean Center Replace Arena Roof
- OC-318-13 Ocean Center Sound System Replacement
- OC-475-02 Parking Garage - Lighting
- OC-475-04 Parking Garage – Deck & Drainage Restoration

### Public Protection

- PP-DOC-06 Branch Jail/Correction Facility Potable Water Pipe Replacement
- PP-DOC-09 Branch Jail/Correction Facility Security and Surveillance System
- PP-DOC-10 Branch Jail/Correction Facility Operations Systems Upgrade
- PP-FR-02 Fire Station 18 (500 Rodeo Rd, Ormond Beach)
- PP-FR-03 Fire Station 22 (213 N. US HWY 1, Oak Hill)
- PP-ME-01 Replacement Medical Examiner Facility

### Public Works

- PW-COS-06 Sun & Surf Park (726 N. Atlantic Ave., Daytona Beach)
- PW-COS-13 Bolyston Beach Ramp Public Access Improvements
- PW-COS-14 Plaza Beach Ramp Public Access Improvements
- PW-COS-17 16th Avenue Off-Beach Parking & Beach Access
- PW-COS-18 Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave., Daytona Beach Shores)
- PW-COS-19 Dahlia Ave. Park (3621 S. Atlantic Ave., Daytona Beach Shores)
- PW-COS-20 International Speedway Boulevard Ramp Improvements

*New Projects are in bold

**Completed Projects are in Italics - refer to back of binder for previous quarters
# MASTER CAPITAL PROJECT SCHEDULE
## SORTED BY PROJECT NUMBER (PID)

<table>
<thead>
<tr>
<th>PID</th>
<th>Project Name</th>
<th>District</th>
<th>FY 17/18</th>
<th>FY 18/19</th>
<th>FY 19/20</th>
<th>FY 20/21</th>
<th>FY 21/22</th>
<th>FY 22/23</th>
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<td>Silver Beach Ave. Beach Ramp Improvements - Daytona Beach</td>
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<td>2/18/2020</td>
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<td>Gabordy Canal at 10th Street</td>
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<td>Tomoka Farms Road Landfill Class III Stormwater Improvements</td>
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<td>Saxton Boulevard &amp; Market Place in Orange City - to mast arm</td>
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<td>Williamson Boulevard &amp; Bellevue Avenue Extension</td>
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<td>PW-WRU-12</td>
<td>Blue Spring Wetland Aquifer Recharge (Phase 1)</td>
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<td><strong>PW-WRU-13</strong></td>
<td>Glen Abbey Water Treatment Plant Upgrades</td>
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Page 3
**Project:**
New Elections Warehouse

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

**Acquisition:**
- **Start:** 1st Qtr. – FY 21/22
- **Finish:** 4th Qtr. – FY 21/22

**Design:**
- **Start:** 1st Qtr. – FY 22/23
- **Finish:** 4th Qtr. – FY 22/23

**Construction:**
- **Start:** 1st Qtr. – FY 23/24
- **Finish:** 4th Qtr. – FY 23/24

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

**Funding Sources:**
- Elections Warehouse (367-930-4180)
- $4,320,627 (fund balance after completion of Elections Office build out)

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

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

**Project Adjustment:**
CS-PRC-01

Project:
Lemon Bluff Park

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

Acquisition:
March 13, 2013 (ECHO Funds)

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

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

Project Cost:
$ 107,470 Design
$ 2,053,822 Construction
$ 2,161,292 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
$ 639,459 Funded from FBIP
$ 2,161,292 Total

Council Actions:
1. Purchase Approval December 20, 2012
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 delays due to repair of boat launch.

Project Adjustment:
Updated construction cost
CS-PRC-19

Project:
Marine Discovery Center Trail

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

Acquisition:
Sublease in process with Marine Discovery Center
Start: 2nd Qtr. – FY 18/19
Finish: 4th Qtr. – FY 19/20

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

Construction:
Start: 4th Qtr. – FY 20/21
Finish: 1st Qtr. – FY 21/22

Project Cost:
$1,100,000

Funding Sources:
$1,100,000   ECHO appropriation, 328 Trails Capital Fund

Council Actions:
1. Approval of ECHO appropriation for design and construction   May 15, 2018
2. Approval of Amendment #1 for engineering   March 5, 2019
3. Approval of Amendment #3 for engineering   December 10, 2019
4. Approval of Resolution of Support for Sub-Lease   May 18, 2021

Status:
Survey and legal description is completed
Design 100% complete
FDEP sublease is in process
Draft interlocal maintenance agreement has been provided to City of New Smyrna Beach and Marine Discovery Center
Waiting on FDEP Sublease approval – County staff working through process with FWC & FDEP
Construction bidding process underway

Project Adjustment:
Construction schedule and Council Actions updated
CS-VOT-07

Project:
Westside Votran Maintenance Facility

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

Acquisition:
N/A

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

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

Project Cost:
$ 796,452

Funding Sources:
$ 796,452 FTA and FDOT Grants

Council Actions:
1. Budget approval FY 18/19
2. Construction Bid award August 25, 2020

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

Project Adjustment:
Project is complete.
DAB – AF/PAV-01-B

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

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

Acquisition:
N/A

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

Construction:
Phase III - Bid Schedule D
Start: 3rd Qtr. – FY 17/18
Finish: 2nd Qtr. – FY 20/21

Phase IV - Bid Schedule E
Start: 3rd Qtr. – FY 17/18
Finish: 2nd Qtr. – FY 20/21

Bid Schedule D – 110 days
Bid Schedule E – 90 days

Project Cost:
$ 2,051,556 Total Design (Schedules B, C, D, and E)
$ 37,840,813 Total Construction (Schedules B, C, D, and E)
$ 39,892,369 Total

Funding Sources:
Total Design (Schedules B, C, D and E - $2,051,556)
$ 1,846,398 FAA AIP Grant funding AIP 074
$ 94,633 FDOT Grant funding FM 431539
$ 110,525 Local funding

Construction (Schedule D only – $9,163,485, – FY 19/20)
$ 8,151,386 FAA AIP Grant Funding AIP # 078
$ 452,855 FDOT Grant Funding FM431539-04
$ 559,244 Local Funding FY17/18

Construction (Schedule E only – $8,287,284 – FY 20/21)
$ 7,438,930 FAA AIP Grant Funding AIP # 080
DAB – AF/PAV-01-B (Continued)

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

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

Status:  
Project Complete

Project Adjustment:
DAB-TER-03

Project:
DAB/Terminal - Parking Lot Improvements

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

Acquisition:
N/A

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

Construction:
Start: 3rd Qtr. – FY 19/20
Finish: 1st Qtr. – FY 21/22

Project Cost:
$ 9,880 Sign Inspection
$ 166,284 Design
$ 526,948 Design Changes, Bidding, CA and RPR Services
$ 6,577,438 Construction (Est.) (Cost represents Four (4) separate projects)
$ 7,280,550 Total

Funding Sources:
$ 870,550 Customer Facility Charge Revenue
$ 3,205,000 FDOT Grant
$ 3,205,000 Local Funding
$ 7,280,550 Total

Council Actions:
1. Grant acceptance and approval of local match March 17, 2014
2. A/E Design Services task authorization (TA) July 17, 2014
3. Request for additional funding approved November 6, 2014
4. Request for additional funding approved June 4, 2015
5. Request for additional funding approved December 17, 2015
6. A/E Selection for Design Services August 21, 2018
7. A/E Design Services Task Authorization July 16, 2019
8. Request to apply and accept for additional grant funding and additional budget authority approved March 3, 2020
9. Council approval of contract to P&S paving November 10, 2020
10. Council approval of FDOT grant June 1, 2021
DAB-TER-03 (Continued)

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

Project Adjustment:
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: 2nd Qtr. – FY 20/21

**Project Cost:**
\[
\text{Design} \quad 932,039 \\
\text{Construction} \quad 13,435,740 \\
\text{Permit Fee (State Mandated)} \quad 37,551 \\
\text{Total} \quad 14,405,330
\]

**Funding Sources:**
\[
\text{Commercial Loan (FDOT Grant to refund partial amount of loan)} \quad 12,000,000 \\
\text{Enterprise Operating Fund Reserves} \quad 2,040,358 \\
\text{Customer Facility Charge} \quad 364,972 \\
\text{Total} \quad 14,405,330
\]

**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 substantially complete.

**Project Adjustment:**
DAB-TER-07 (Continued)
FIN-IT-01

Project:
Countywide - 800 MHz Radio System Backbone and Radios

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

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

Design:
Phase I – Radio System Modernization Assessment and Planning
Start: 1st Qtr. – FY 16/17
Finish: 3rd Qtr. – FY 17/18

Phase II – Radio System Modernization Design and Procurement
Start: 3rd Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 20/21

Construction:
Phase II
Start: 3rd Qtr. – FY 20/21
Finish: 1st Qtr. – FY 23/24

Project Cost:
$26,878,020 (estimated)  County of Volusia
$6,514,890 (estimated) City Budgets
$33,392,910 (estimated) Total

Funding Sources:
$17,714,050 305-930-4605 800 MHz Capital Backbone Replacement
$9,163,970 305-930-4606 800 MHz Capital Radio Replacement
$6,514,890 City Budgets
$33,392,910 Total
FIN-IT-01 (Continued)

Council Actions:
1. Mini-Budget Workshop     July 7, 2016
2. Radio System Consultant Award    January 18, 2018
3. Approval of Direction to Issue RFP     December 4, 2018
4. Approval of Co-location Agreement with Flagler County   September 17, 2019
5. Selection of Vendor     June 16, 2020
6. Approval of Vendor Contract, Lake Harney Tower Land Lease, June 22, 2021
   and Consultant Contract Renewal

Status:
Phase I - Complete

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

Completed Milestones
RFP development and evaluation of proposals; selection of vendor (Ci/L3Harris)
Tower sharing cooperative agreement with Flagler County
RFP development for structural analysis vendors
Soil analysis and FAA studies for new Lake Harney tower site
Antenna/microwave design
Special exception for the Lake Harney tower site
Boundary/environmental survey for Lake Harney tower site
Lease agreement with the landowner of the Lake Harney tower site
Contract negotiations with Communications International

In Progress
Structural analysis on 13 towers.
Site design for the Lake Harney tower site.
developing wetland mitigation plan for the St. John's Water Management District.
Co-location agreement with Flagler County for the Codys Corner (CR304) site.

Project Adjustment:
Updated project timeline, cost, council actions, and status
**OC-318-07**

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

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

**Acquisition:**
N/A

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

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

**Project Cost:**
- $160,300 Design
- $1,242,300 Construction
- $1,402,600 Total

**Funding Sources:**
- $1,402,600 318 Ocean Center Capital Fund

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

**Status:**
- Pre bid meeting 12/17/20
- Bid closed 01/07/21 with lowest bidder above project budget total
- Project to be re-bid

**Project Adjustment:**
OC-318-12

Project:
Ocean Center – Replace Arena Roof

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

Acquisition:
N/A

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

Construction:
Start: 1st Qtr. – FY 20/21
Finish: 4th Qtr. – FY 20/21

Project Cost:
$ 103,605 Design
$ 1,895,625 Construction
$ 1,999,230 Total

Funding Sources:
$ 1,999,230 318 Ocean Center Capital Fund

Council Actions:
1. TA for Design approved April 17, 2018
2. Construction contract awarded to Heartland Construction August 25, 2020
3. Change order March 2, 2021

Status:
Pre construction meeting held on 10/8/20.
Notice to proceed issued on 11/25/20.
Project damage assessment final change order in discussion.

Project Adjustment:
Status updated
OC-318-13

Project:
Ocean Center – Sound System Replacement

Scope:
Replacement of sound amplification and control system at Ocean Center.

Acquisition:
N/A

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

Construction:
Start: 1st Qtr. – FY 20/21
Finish: 4th Qtr. – FY 20/21

Project Cost:
$ 68,501 Design
$ 1,137,460 Construction
$ 1,205,961 Total

Funding Sources:
$ 1,205,961 318 Ocean Center Capital Fund

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

Status:
Mandatory Pre Bid held on 1/27/20 & 02/03/20
Bid opened 04/23/20
Notice to proceed issued on 12/07/20
Change order one in process

Project Adjustment:
Project cost and status update.
OC-475-02

Project:
Parking Garage - Lighting

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

Acquisition:
N/A

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

Construction:
Start: 2nd Qtr. – FY 20/21
Finish: 4th Qtr. – FY 21/22

Project Cost:
$ 16,000 Design
$ 200,000 Construction
$ 216,000 Total

Funding Sources:
$ 216,000 475 Parking Garage Fund

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

Status:
Pre bid meeting 12/17/20
Bid closed 01/07/21 with lowest bidder above project budget total.

Project Adjustment:
OC-475-04

Project:
Parking Garage – Deck & Drainage Restoration

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

Acquisition:
N/A

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

Phase 2 & 3
Start: 4th Qtr. – FY 20/21
Finish: 1st Qtr. – FY 21/22

Construction:
Phase 1
Start: 2nd Qtr. – FY 19/20
Finish: 4th Qtr. – FY 20/21

Phase 2 & 3
Start: 1st Qtr. – FY 21/22
Finish: 4th Qtr. – FY 21/22

Project Cost:
$ 74,265 Design
$ 514,306 Phase 1 Refurbishment
$ 618,740 Phase 2 Estimate (Deck 6)
$ 506,100 Phase 3 Estimate (Decks 3-5)
$ 1,713,411 Total

Funding Sources:
$ 1,713,411 475 Parking Garage Fund

Council Actions:
1. Council approval FY 18/19 Budget
2. Task Assignment for design approved by council February 5, 2019
3. Phase 1 construction contract awarded to Tadeos Engineering July 21, 2020
4. Change order one April 6, 2021
**OC-475-04 (Continued)**

**Status:**
- Notice to proceed issued December 1, 2020.
- Level 2 deck
  - Project damage assessment underway, change order pending.

**Project Adjustment:**
- Construction time line, project cost, council action and status updated.
PP-DOC-06

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

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

Acquisition:
N/A

Design:
Cells 5 & 6:
Start: 2nd Qtr. – FY 15/16
Finish: 3rd Qtr. – FY 19/20

Remaining Cells:
Start: 2nd Qtr. – FY 20/21
Finish: 4th Qtr. – FY 20/21

Construction:
Cells 5 & 6:
Start: 4th Qtr. – FY 20/21
Finish: 2nd Qtr. – FY 21/22

Phase 2:
Start: 2nd Qtr. – FY 21/22
Finish: 4th Qtr. – FY 21/22

Remaining phase's construction schedules to be determined.

Project Cost:
$33,800 Engineering/Design
$1,566,200 Construction (Estimated)
$1,600,000 Total

Funding Sources:
$1,600,000 General Fund

Council Actions:
1. Council Approved October 1, 2019

Status:
Project deferred until FY 17/18 due to roof replacement project
Design for cells 5 & 6 of the ten housing cells completed
RFP for construction is out to bid in 1st quarter FY 20/21
PP-DOC-06 (Continued)

Design for remaining housing cells initiated 2nd quarter FY 20/21

Project Adjustment:
Design and construction schedule updated.
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: 3rd Qtr. – FY 20/21

Construction:
Start: 4th Qtr. – FY 20/21
Finish: TBD

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

Funding Sources:
$ 9,232,869 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
Project Adjustment:

Design schedule updated. Construction start date added.
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: 4th 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
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 training completed in January 2021. The Jail Management System training completed in December 2020. The system went into production on March 27, 2021 and experienced some issues integrating into existing county court processes due to documentation from the prior system. This resulted in some downtime for data flow between Corrections and outside agencies. The issue has been resolved, and we are now focusing on additional features and reporting. Final system acceptance is anticipated for Q4.

Project Adjustment:
Project:

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

Scope:

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

Acquisition:

Start: 1st Qtr. – FY 20/21  
Finish: 2nd Qtr. – FY 21/22

Design:

Start: 1st Qtr. – FY 20/21  
Finish: 2nd Qtr. – FY 21/22

Construction:

Start: 1st Qtr. – FY 22/23  
Finish: 1st Qtr. – FY 23/24

Project Cost:

$ 267,000 Land  
$ 450,175 Design  
$ 717,105 Total

Funding Sources:

$ 341,355 Fire Impact Fee Zone IV  
$ 375,750 Fire Rescue Fund  
$ 717,105 Total

Council Actions:

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

Status:

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

Project Adjustment:

Design and construction schedules updated.
PP-FR-03

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

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

Acquisition:
Existing County Property

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

Construction:
Start: 3rd Qtr. – FY 20/21
Finish: 3rd Qtr. – FY 21/22

Project Cost:
$ 99,970 Design
$ 600,030 Construction
$ 700,000 Total

Funding Sources:
$ 90,000 Fire Impact Fee Zone II
$ 610,000 Fire Rescue Fund
$ 700,000 Total

Council Actions:
1. Adopted budget approved September 18, 2018
2. Architectural and engineering services approved October 16, 2018

Status:
The conceptual design task, project needs and statement of probable construction costs were initiated in 3rd quarter of FY 17-18. Building design completed in FY 18/19 undergoing update to meet current building code requirements. Building construction expected to begin 3rd quarter FY 20-21. Temporary housing installed onsite June 2021, electrical and lift station connections completed. Inspections and CO for temporary housing expected 6/30/2021 which will allow for staff to move out of fire station and renovation to begin.

Project Adjustment:
Construction scheduled and status updated
**PP-ME-01**

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

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

**Acquisition:**  
Existing County Indian Lake Property

**Design:**  
Start: 3rd Qtr. – FY 19/20  
Finish: 3rd Qtr. – FY 21/22

**Construction:**  
TBD

**Project Cost:**  
$1,443,000 Design and Engineering  
$11,557,000 Construction  
$13,000,000 Total

**Funding Sources:**  
$7,316,935 General Fund (373-930-1310)

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

**Status:**  
Kickoff for master planning and programming conducted 3rd quarter FY 19/20  
Land survey complete  
Geotechnical engineering complete  
Schematic Design completed 2nd quarter FY 20/21  
Design Development Drawings in progress

**Project Adjustment:**
PW-COS-06

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

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

Acquisition:
July 2015
December 2015 - County Occupancy

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

Construction:
Start: TBD
Finish: TBD

Project Cost:
- $400,000 Demolition
- $42,301 Design
- $625,000 Construction (estimated)
- $1,067,301 Total

Funding Sources:
- $767,301 Beach Capital
- $300,000 Resolution 2018-18
- $1,067,301 Total

Council Actions:
1. Purchase Approval May 7, 2015
2. Const. Funding Approved October 1, 2016

Status:
Demolition completed February 2017
Underground storage tank removed April 2017
Site survey updated for CCCL May 2017
UST remediation Task Assignment-2 approved August 2017
Florida DEP – CCCL permit submitted March 2018
FDEP Stormwater Permit Received November 2018
FDOT Driveway Permit Received March 2019
Local Government Authority Letter Received from City of Daytona Beach June 2019
PW-COS-06 (Continued)

CCCL Permit Received: August 2019
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
City of Daytona Beach approves Site Plan: January 2021

Project Adjustment:
Construction delayed for City of Daytona Beach development plan approval and pending decision by County to permit construction through City of Daytona Beach or internally permit.
Project: Boylston Beach Ramp Public Access Improvements

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

Acquisition: N/A

Design: 
Start: 2nd Qtr. – FY 17/18
Finish: 4th Qtr. – FY 19/20

Construction: 
Start: 2nd Qtr. – FY 20/21
Finish: 4th Qtr. – FY 20/21

Project Cost:
$ 77,500 Design
$ 690,000 Construction
$ 767,500 Total

Funding Sources:
$ 767,500 Beach Capital

Council Actions: 
1. Task Assignment Approved June 2018
2. Construction Contract Approved May 18, 2021

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

Project Adjustment: Project costs changed to show low bid received.
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
$ 794,826 Construction
$ 854,826 Total

Funding Sources:

$ 639,826 Beach Capital
$ 215,000 FEMA Hazard Mitigation Grant
$ 854,826 Total

Council Actions:

1. Task Assignment Awarded April 2018
2. Council approval of site plan June 2019
3. Council approval of Phase 1 construction December 2020
4. Council approval of Phase 2 construction April 4, 2021

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
### PW-COS-14 (Continued)

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDEP CCCL Permit Submitted</td>
<td>April 2019</td>
</tr>
<tr>
<td>FEMA approves grant funding</td>
<td>May 2019</td>
</tr>
<tr>
<td>90% Plans Completed</td>
<td>May 2019</td>
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<tr>
<td>FDEP CCCL Permit Received</td>
<td>March 2020</td>
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<tr>
<td>Plans Completed</td>
<td>June 2020</td>
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<tr>
<td>Army Corps Permit Received</td>
<td>September 2020</td>
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<tr>
<td>Bidding</td>
<td>October 2020</td>
</tr>
<tr>
<td>Phase 1 Construction Notice to Proceed</td>
<td>January 2021</td>
</tr>
<tr>
<td>Phase 1 Construction 75% complete</td>
<td>June 2021</td>
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</tbody>
</table>

#### Project Adjustment:

Cost adjusted to show actual bid amounts for Phase 1 & 2
PW-COS-17

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

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

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

Construction:
Start: TBD
Finish: TBD

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

Funding Sources:
$ 668,643  Beach Capital

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

Status:
Design task assignment issued October 2018
Topographic survey completed November 2018
Conceptual design completed February 2019
Alternatives for cost comparison April 2019
Pre-Application Meeting f/ FDEP July 2019
30% Plans Completed September 2019
FDEP CCCL Permit Submitted November 2019
FDEP Stormwater Permit Submitted November 2019
60% plans completed January 2020
FDEP Stormwater Permit Received March 2020
Petition for Administrative Hearing Received April 2020
Plans Completed September 2020
FDEP CCCL Permit Received September 2020
Construction pending administrative hearing outcome
PW-COS-17 (Continued)

Project Adjustment:
None
PW-COS-18

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

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

Design:
Start: 1st Qtr. – FY 15/16
Finish: 4th Qtr. – FY 19/20

Construction:
Start: 1st Qtr. – FY 20/21
Finish: 1st Qtr. – FY 21/22

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

Funding Sources:
$ 1,982,051 Beach Capital

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

Status:
Design task assignment issued November 2015
Amendment to design TA December 2018
Topographic survey completed January 2019
Geotechnical testing completed April 2019
30% plans completed April 2019
60% plans completed June 2019
CCCL Permit Application Submitted August 2019
100% plans completed October 2019
FDEP Stormwater Permit Received December 2019
3rd Party Plan review complete May 2020
CCCL Permit Received June 2020
CCCL Armoring Permit Received September 2020
Bidding September 2020
Construction NTP February 2021
PW-COS-18 (Continued)

Construction 30% Complete       June 2021

Project Adjustment:
None
PW-COS-19

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

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

Design:
Start: 1st Qtr. – FY 15/16
Finish: 4th Qtr. – FY 19/20

Construction:
Start: 1st Qtr. – FY 20/21
Finish: 1st Qtr. – FY 21/22

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

Funding Sources:
$1,201,162 Beach Capital

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

Status:
Design task assignment issued November 2015
Amendment 1 to design TA February 2016
Amendment 2 to design TA December 2018
Topographic survey completed January 2019
Geotechnical testing completed April 2019
30% plans completed April 2019
60% plans completed June 2019
CCCL Permit Application Submitted August 2019
100% Plans completed October 2019
FDEP Stormwater permit received December 2019
3rd Party Plan Review Complete May 2020
CCCL Permit Received June 2020
CCCL Armoring Permit Received September 2020
Bidding September 2020
Construction Notice to Proceed January 2021
PW-COS-19 (Continued)

Construction 30% complete 

June 2021

Project Adjustment:

None
**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
- $2,132,758 Construction
- $2,362,298 Total

**Funding Sources:**
- $1,350,534 Beach Capital
- $1,011,764 Future Beach Capital (FY 23)
- $2,362,298 Total

**Council Actions:**
1. Approval of TA for Design January 21, 2020

**Status:**
- Project Kick-Off Meeting February 2020
- Conceptual Plan Complete March 2020
- Rendering and Perspective Completed September 2020
- Roundabout Eliminated December 2020

**Project Adjustment:**
Estimated construction costs added.
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 21/22

Construction:
Start: 2nd Qtr. – FY 21/22
Finish: 4th Qtr. – FY 21/22

Project Cost:
$ 142,085 Design
$ 650,000 Construction
$ 792,085 Total

Funding Sources:
$ 792,085 Beach Capital

Council Actions:
1. Approval of TA for Design February 18, 2020

Status:
NTP Issued March 2020
Conceptual Plan Complete April 2020
Rendering and Perspective Completed September 2020

Project Adjustment:
Design delayed due to delays in public participation.

Preliminary Conceptual
Project:
University Blvd. Beach Ramp Improvements – Daytona Beach

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

Design:
Start: 4th Qtr. – FY 19/20
Finish: 1st Qtr. – FY 21/22

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
Conceptual Plan December 2020

Project Adjustment:
Development agreement delays w/ Protogroup
PW-COS-23

Project:
27th Ave. Beach Ramp Replacement – New Smyrna Beach

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

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

Construction:
Start: 1st Qtr. – FY 21/22
Finish: 2nd Qtr. – FY 21/22

Project Cost:
$ 114,576 Design
$ 668,516 Construction
$ 783,092 Total

Funding Sources:
$ 783,092 Beach Capital

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

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

Project Adjustment:
Correction to project cost

FY 20/21 Q3 Update  Revised 061421
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  
$ 513,165  Construction  
$ 820,137  Total

Funding Sources:  
$ 541,637  Stormwater Utility  
$ 278,500  FDEP grant  
$ 820,137  Total

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

Status:  
Construction completed.

Project Adjustment:  
Project cost updated and status updated for the project’s completion.
Lake Beresford/Lakeside Drive Stormwater Improvement Project in the DeLand area
PW-DTT-08

Project:
Gabordy Canal at 10th Street Stormwater Treatment Facility

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

Acquisition:
Completed

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

Construction:
Start: 2nd Qtr. – FY 20/21
Finish: 1st Qtr. – FY 22/23

Project Cost:
$ 199,960 Design & Permitting
$ 2,954,700 Construction
$ 3,154,660 Total

Funding Sources:
$ 99,980 Indian River Lagoon Council grant (design)
$ 1,911,784 SJRWMD grant (construction)
$ 300,700 FDEP grant (construction)
$ 842,196 Stormwater Utility (grant cost-share)
$ 3,154,660 Total

Council Actions:
1. Land exchange October 2, 2018
2. Cost-share agreement with the Indian River Lagoon Council August 6, 2019
3. Task assignment for design and permitting September 17, 2019
4. Cost-share agreement with SJRWMD March 2, 2021
5. Cost-share agreement with FDEP & construction award May 18, 2021

Status:
Construction to begin July 2021.
Project Adjustment:

Project cost and status updated.

Gabordy Canal at 10th Street Stormwater Treatment Facility in New Smyrna Beach and Edgewater
Project: Ariel Canal Water Quality Improvement Project

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

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

Design:
Start: 1st Qtr. – FY 19/20
Finish: 1st Qtr. – FY 21/22

Construction:
Start: 1st Qtr. – FY 21/22
Finish: 1st Qtr. – FY 22/23

Project Cost:
- $74,715 Engineering Evaluation
- $302,473 Design & Permitting and Cultural Resource Assessment
- $54,000 Land Acquisition
- $1,800,000 Construction (estimated)
- $2,231,188 Total

Funding Sources:
- $881,188 Stormwater Utility (grant cost-share)
- $900,000 FDEP grant (construction)
- $450,000 SJRWMD grant (construction)
- $2,231,188 Total

Council Actions:
1. Engineering evaluation March 5, 2019
2. Task assignment for design and permitting October 1, 2019
3. Cost-share agreement with FDEP October 6, 2020
4. Land purchase agreement March 2, 2021
5. Cost-share agreement with SJRWMD March 2, 2021
6. Task assignment for post-design & grant services May 18, 2021
**PW-DTT-09 (Continued)**

**Status:**
Design is underway and is requiring additional tasks to ensure cultural resources compliance.

**Project Adjustment:**
Schedule and project costs updated.

Ariel Canal Water Quality Improvement Project in Riverbreeze Park, Oak Hill area
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
$ 15,973,192 Construction
$ 18,708,180 Total

Funding Sources:
$ 9,044,437 Local Option Gas Tax
$ 2,800,000 CBIR Grant – State grant
$ 1,528,492 Impact Fees
$ 962,660 Utility Commission of New Smyrna Beach
$ 4,372,591 Bond Funding
$ 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
10. Construction Contract Award March 3, 2020
11. CEI Selection March 17, 2020
12. Task Assignment Amendment August 4, 2020

FY 20/21 Q3 Update Revised 061521
PW-ENG-5061 (Continued)

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

Project Adjustment:
Updated funding balances.
PW-ENG-5240

Project:
Howland Blvd Widening – Providence Blvd to Elkcam 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
$ 1,072,620 Design
$ 14,123,503 Construction
$ 17,397,192 Total

Funding Sources:
$ 5,223,689 Bond Funding
$ 79,356 Proportionate Fair Share
$ 688,935 Volusia County Utilities
$ 1,135,199 Deltona Water
$ 10,329,869 Local Option Gas Tax
$ 17,397,192 Total

Council Actions:
1. Design Consultant Contract Approval October 19, 2017
2. ROW Acquisition – Pond 2 (partial) November 13, 2018
3. ROW Acquisition – Pond 3 (partial) December 18, 2018
4. Design Consultant Contract Amendment March 5, 2019
5. ROW Acquisition – Pond 3 (partial) March 19, 2019
6. JPA with City of Deltona for Utility Const December 10, 2019
7. Construction Contract Award April 7, 2020
8. CEI Consultant Selection May 5, 2020
9. CEI Consultant Contract Approval June 16, 2020
10. Design Consultant Contract Amendment October 6, 2020
11. Authorization of Eminent Domain June 22, 2021
PW-ENG-5240 (Continued)

Status:
  Construction underway.
  Acquiring parcel to accommodate intersection improvements at Providence Blvd.

Project Adjustment:
  Updated Design and Construction Cost information, Council Actions and Status.
PW-ENG-5351-01

Project:
Veterans Memorial Bridge - Bridge replacement in Daytona Beach

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

Acquisition:
Completed

Design:
Completed

Construction:
Start: 3rd Qtr. – FY 15/16
Finish: 3rd Qtr. – FY 19/20

Project Cost:
$ 3,100,000 Design
$ 45,267,299 Construction
$ 48,367,299 Total

Funding Sources:
$ 47,954,235 LAP Grant - FDOT
$ 294,668 Local Option Gas Tax (seeking LAP Grant funding)
$ 118,396 Local Option Gas Tax
$ 48,367,299 Total

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

Status:
Project Complete

Project Adjustment:
Veterans Memorial Bridge
Award of Construction Contract: $37,993,070

www.VeteransMemorialBridge.com
Project: Orange Camp Road Widening- Martin Luther King Blvd to I-4 in DeLand

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

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

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

Construction:
Start: 2nd Qtr. – FY 19/20
Finish: 3rd Qtr. – FY 21/22

Project Cost:
$ 852,747 Acquisition
$ 977,850 Design
$ 10,929,778 Construction
$ 12,760,375 Total

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

Council Actions:
1. Design Consultant Contract Approval November 16, 2017
2. Design Consultant Contract Amendment August 20, 2019
3. Wetland Mitigation Agreement November 19, 2020
4. JPA with City of DeLand for Utility Const December 10, 2019
5. Agreement with City of DeLand and OK Victoria Park LLLP December 10, 2019
6. Wetland Mitigation Agreement January 9, 2020
7. Resolution of ROW Payment to FDOT January 21, 2020
8. Construction Contract Award June 16, 2020
9. CEI Consultant Selection June 16, 2020
11. Design Contract Extension October 20, 2020
PW-ENG-5395 (Continued)

Status:
Construction underway.
Preconstruction meeting October 1st. Construction Notice to Proceed October 12th.
Public meeting - July 2018 at Victoria Gardens Country Club
JPA for utility relocations with City of DeLand executed.

Project Adjustment:
N/A
**PW-ENG-5511-03**

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

**Scope:**
12’ wide multi-use trail part of the River to Sea Loop

**Acquisition:**
None

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

**Construction:**
- Start: 3rd Qtr. – FY 19/20
- Finish: 4th Qtr. – FY 20/21

**Project Cost:**
$ 3,125,431

**Funding Sources:**
- $ 282,613    ECHO Trail Funds
- $ 272,160    LAP Grant – FDOT
- $ 2,570,658  SUN Trail Grant
- $ 3,125,431  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
5. Supplemental SUN Trail Grant Agreement  March 2, 2021

**Status:**
Construction underway.
Tri-party agreement with City of DeBary and Duke executed.

**Project Adjustment:**
Construction cost updated.
**PW-ENG-5779**

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

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

**Acquisition:**
Start: 4th Qtr. – FY 18/19
Finish: 4th Qtr. – FY 20/21

**Design:**
Start: 2nd Qtr. – FY 19/20
Finish: 3rd Qtr. – FY 21/22

**Construction:**
Start: TBD – pending developer road segment completion.
Finish: TBD

**Project Cost:**
- $ 113,500 Right-of-Way/Acquisition
- $ 172,396 Design
- $ 3,414,000 Construction
- $ 3,699,896 Total

**Funding Sources:**
- $ 3,699,896 Impact Fees

**Council Actions:**
1. Right of Way Agreement May 5, 2020
2. Design Consultant Task Assignment Approval June 22, 2021
3. Land purchase July 20, 2021

**Status:**
City of DeLand has acquired ROW. Developer in process of donating ROW by plat. County is working with property owner to acquire ROW. Developer road segment is in design and has been reviewed by County. Construction of this segment anticipated to begin by end of 2023 at the latest.

**Project Adjustment:**
Updated project costs and Council actions.
PW-ENG-5797

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

Scope:
2 lane to 4 lane widening

Acquisition:
Stormwater pond relocation agreement November 2019.

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

Construction:
Start: 4th Qtr. – FY 18/19
Finish: 4th Qtr. – FY 20/21

Project Cost:
$ 182,875 Design Update
$ 4,938,884 Construction
$ 5,121,759 Total

Funding Sources:
$ 242,804 Local Option Gas Tax
$ 2,917,391 Development Proportionate Fair Share
$ 1,961,564 Florida Job Growth Grant – FDEO
$ 5,121,759 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
PW-ENG-5797 (Continued)

Status:
   Construction underway.

Project Adjustment:
   Construction cost increased to reflect Change Order #1 ($59,929).
Project:
Marine Science Center Renovation

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

Acquisition:
None

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

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

Project Cost:
$ 1,478,326

Funding Sources:
$ 1,478,326 General Fund

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

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

Project Adjustment:
N/A
PW-SW-04

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: 4th Qtr. – FY 20/21

Project Cost:
$ 43,300 Design
$ 419,709 Construction
$ 463,009 Total

Funding Sources:
$ 463,009 Solid Waste Funded

Council Actions:
1. Recommendation of Award November 5, 2019

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

Project Adjustment:
The construction timeline was extended by one quarter to accommodate the coordination of this project and the Class III Stormwater improvement project (PW-SW-07). The project cost increased by $72,114 for replacement of the damaged fire suppression system.
PW-SW-07

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

Scope:
Class III stormwater improvements at the Tomoka Farms Road Landfill

Acquisition:
N/A

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

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

Project Cost:
$ 96,000 Design
$ 3,112,225 Construction Estimate
$ 169,897 Construction Quality Control Services
$ 3,378,122 Total Estimate

Funding Sources:
$ 3,378,122 Solid Waste Funded

Council Actions:
Construction Approval April 6, 2021
Construction Quality Assurance Approval April 6, 2021

Status:
Pre-bid was held on January 5, 2021. The bid closed on January 28, 2021.
County Council awarded contract on April 6, 2021
Pre-construction meeting is scheduled for June 17, 2021.

Project Adjustment:
N/A
Project:
West Volusia Transfer Station Entrance Improvements, 3151 E. New York Ave., DeLand

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

Acquisition:
N/A

Design:
Start: 2nd Qtr. – FY 20/21
Finish: 4th Qtr. – FY 20/21

Construction:
Start: 1st Qtr. – FY 21/22
Finish: 4th Qtr. – FY 21/22

Project Cost:
$ 130,200  Design
$ 850,000  Construction Estimate
$ 980,200  Total Estimate

Funding Sources:
$ 980,200  Solid Waste Funded

Council Actions:
1. Approval for design task assignment January 19, 2021

Status:
Design underway

Project Adjustment:
N/A
PW-TE-10

Project: Saxon Boulevard & Market Place in Orange City

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

Acquisition: N/A

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

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

Project Cost:  
$31,400 Design  
$330,200 Construction  
$361,600 Total

Funding Sources:  
$361,600 Local Option Gas Tax

Council Actions:  
1. Approved FY 17/18 Budget

Status:  

Project Adjustment:  
Project completed and accepted.
FY 20/21 Q3 Update

PW-TE-10 (Continued)

Project Complete
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
$ 396,724 Construction
$ 431,627 Total

Funding Sources:
$ 431,627 Local Option Gas Tax

Council Actions:
1. Approved FY 19/20 Budget

Status:

Project Adjustment:
Project completed and accepted.
Intersection Aerial View:

**FY 20/21 Q3 Update**

**Project Complete**
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:
$  32,000  Design
$ 367,278  Construction
$  399,278  Total

Funding Sources:
$ 400,578  Local Option Gas Tax

Council Actions:
1. Approved FY 19/20 Budget

Status:

Project Adjustment:
Project completed and accepted.
PW-TE-12 (Continued)

Intersection Aerial View:
PW-TE-14

Project:
LPGA Boulevard & Center Street, Holly Hill

Scope:
Traffic Signal Upgrade – Conversion from concrete poles to mast arms

Acquisition:
N/A

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

Construction:
Start: 2nd Qtr. – FY 20/21
Finish: 2nd Qtr. – FY 21/22

Project Cost:
$34,400 Design
$331,469 Construction
$365,869 Total

Funding Sources:
$365,869 Local Option Gas Tax

Council Actions:
1. Approved FY 19/20 Budget

Status:

Project Adjustment:
Updated construction costs.
Intersection Aerial View:
**PW-WRU-10**

**Project:**
Southwest Service Area Wastewater Infrastructure Improvements

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

**Acquisition:**
N/A

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

**Construction:**
Start: 2nd Qtr. – FY 19/20  
Finish: 4th Qtr. – FY 20/21

**Project Cost:**
$ 6,300,000 Engineering and Construction (Estimate)

**Funding Sources:**
$ 1,500,000 Florida Department of Environmental Protection  
$ 1,425,000 St. Johns River Water Management District  
$ 3,375,000 Water Resources and Utilities Operating Funds  
$ 6,300,000 Total

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

**Status:**
Design complete  
Construction on schedule

**Project Adjustment:**
N/A
PW-WRU-10 (Continued)
**PW-WRU-12**

**Project:**
Blue Spring Wetland Aquifer Recharge (Phase I)

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

**Acquisition:**
Land acquisition pending technical and environmental assessment of load test results

**Design and Analysis:**
Start: 1st Qtr. – FY 19/20  
Finish: 2nd Qtr. – FY 20/21

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

**Project Cost:**
$ 950,000  Phase I testing and analysis

**Funding Sources:**
$ 375,000  SJRWMD cost share funds  
$ 460,000  Participating city shares  
$ 115,000  WRU Budgeted funds  
$ 950,000  Total

**Council Actions:**
1. Volusia Blue implementation agreement with cities approved  August 20, 2019  
2. Joint participation agreement with SJRWMD approved  August 20, 2019  
3. Engineering and load test analysis approved  August 20, 2019

**Status:**
Load test and analysis report complete. Site close out in progress

**Project Adjustment:**
N/A
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 though reduction in disinfectant by-products.

Acquisition:
N/A

Design and Analysis:
N/A

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

Project Cost:
$375,500 Installation

Funding Sources:
$375,500 WRU Budgeted funds

Council Actions:
1. Construction contract for installation approved November 19, 2019

Status:
Project Complete

Project Adjustment:
N/A
CAPITAL PROJECT SCHEDULE

FY 20/21

Completed Projects

(current quarter completed projects in main section)

Revised 06/22/21
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
- $ 359,107 Construction
- $ 498,282 Total

Funding Sources:
- $ 181,303 Stormwater Utility
- $ 75,000 SJRWMD grant
- $ 241,979 FDEP grant
- $ 498,282 Total

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

Status:
Construction complete.

Project Adjustment:
Updated project status to complete.
PW-DTT-6 (Continued)

Thornby Park Water Quality Improvements Project

LEGEND
- EXISTING CONTROL STRUCTURE
- EXISTING DITCH INLET
- EXISTING DITCH BOTTOM INLET
- EXISTING HEADWALL
- EXISTING MANHOLE
- EXISTING MIRRORED DITCH SECTION
- PROPOSED DITCH BOTTOM INLET
- PROPOSED MANHOLE
- PROPOSED WATER QUALITY STRUCTURE
- PROPOSED CULVERTS
- EXISTING SMALL
- EXISTING CULVERT
- EXISTING POND
- WETLAND LINE DIGITIZED FROM THORNBERRY PARK PLANS

SOURCES:
AERIAL FDO (2016)

Volusia County
FLORIDA

FY 20/21 Q3 Update

Project Complete
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
$10,025,821 Construction
$11,710,710 Total

Funding Sources:
$9,710,710 Transportation Trust
$2,000,000 Stormwater Utility
$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
5. Construction phase services for $253,900 to AECOM February 4, 2020

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

Project Adjustment:
Updated project status to complete.
PW-RB-1 (continued)
Project: Indian Harbor Estates Sanitary Sewer Retrofit

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

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

Construction:
- Start: N/A
- Finish: N/A

Project Cost:
- $358,305 Design

Funding Sources:
- $258,305 Water Resources and Utilities Operating Funds
- $100,000 Indian River Lagoon National Estuary Program (FY 19/20)
- $358,305 Total

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

Status:
Pending matching funds from other governmental regulatory agencies

Project Adjustment:
Design and construction bid specifications completed and submitted to Indian River Lagoon Council for final review and cost share reimbursement.
PW-WRU-04 (Continued)