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

Business Services

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

Community Services

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

Daytona Beach International Airport

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

Finance

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

Ocean Center

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

Public Protection

• Volusia County Branch Jail and Correctional Facility
  o **Operations System Upgrade** – *Implementation and training of the new system completed in February.*
• **Fire Station 18 (500 Rodeo Rd, Ormond Beach) – New Project** – Council approved Task Assignment with Schenkel & Schultz on January 19; design process has started and the construction estimate is pending.

• **Fire Station 22 (213 N. US Hwy 1, Oak Hill) – New Project** – Building construction to begin 3rd quarter of FY 20-21.

• Medical Examiner Facility – Site location approved by County Council on February 2.

### Public Works

#### Coastal – Off-Beach Parking
- Sun & Surf Park (726 N Atlantic Ave, Daytona Beach) – The City of Daytona Beach approved the site plan in January.
- **Bolyston Beach Ramp Improvements (Daytona Beach) – New Project** – Construction to begin this quarter.
- Plaza Beach Ramp Public Access Improvements (Daytona Beach) – Notice to Proceed issued in January.
- 16th Avenue Off-Beach Parking & Beach Access (Daytona Beach) – Construction pending administrative hearing outcome.
- Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave, Daytona Beach Shores) – Notice to Proceed issued in February.
- Dahlia Avenue Park (3621 S. Atlantic Ave, Daytona Beach Shores) – Notice to Proceed issued in January.
- International Speedway Boulevard Ramp Improvements (Daytona Beach) – Roundabout eliminated in December.
- University Boulevard Beach Ramp Improvements (Daytona Beach) – Conceptual plan completed in December.
- **27th Avenue Beach Ramp Replacement (New Smyrna Beach) – New Project** – County Council approved the construction contract on February 2.

#### Road & Bridge
- **Thornby Park Water Quality Improvement Project** – Project completed.
- Lake Beresford/Lakeside Drive Stormwater Improvement Project – County Council awarded the construction contract on January 7 and construction is currently underway.
- Gabordy Canal at 10th Street – The County was awarded a $1,911,784 cost-share grant from the St. John’s River Water Management District and the agreement was presented to Council for approval on March 2. An additional grant funding application was submitted to the FDEP and the award results are pending.
- Ariel Canal Water Quality Improvement Project – Design is underway and is requiring additional tasks to ensure cultural resources compliance. The County was awarded a $650,000 cost-share grant from the St. John’s River Water Management District and the agreement was presented to Council for approval on March 2.
- **Public Works Northeast Services Facility** – Project completed in December and a ribbon cutting ceremony was held on December 14.

#### Engineering & Construction
- Tenth Street Widening – Construction is underway.
- Veteran’s Memorial Bridge – Project complete pending the contractor addressing punch list items.
- Orange Camp Widening – Construction is underway.
Beresford Avenue Extension – New Project – City of DeLand has acquired ROW, developer in process of donating ROW by plat, and County is working with property owner to acquire ROW. Developer road segment is in design and has been reviewed by staff; construction of this segment anticipated to begin by end of 2023.

- Solid Waste
  - Tomoka Farms Road Landfill – Household Hazardous Waste Drop Off Area – The construction timeline was extended by two quarters to resolve fire suppression issues.
  - Tomoka Farms Road Landfill – Stormwater Improvements – New Project – Pre-bid was held on January 5 and closed on January 28.
  - West Volusia Transfer Station Entrance Improvements – New Project – Design underway.

- Traffic Signals
  - Saxon Boulevard & Market Place – Preliminary site work underway, waiting on mast arms to arrive for completion.
  - Williamson Boulevard & Bellevue Avenue Extension – Installation of the new mast arms, signals, signs and cabinet are completed. Awaiting new power service to be energized so the signal can be transferred to the new mast arms.
  - Orange Camp Road & South Blue Lake Avenue – Preliminary site work underway. Mast arms scheduled to arrive in March.
  - LPGA Boulevard & Center Street – Awaiting permit and Notice to Proceed for construction.

- Water Resources and Utilities
  - Indian Harbor Estates Sanitary Sewer Retrofit – Project completed.
  - Blue Springs Wetland Aquifer Recharge (Phase 1) – Load testing and analysis time extended as mutually agreed by the participating agencies.
  - Glen Abbey Water Treatment Plant Upgrades – Delivery of equipment delayed 24 weeks.

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<th>Total Value of All CPS Projects Active in Quarter 2 Update</th>
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<tr>
<td>Total Value of All CPS Projects Completed by Quarter 2 Update</td>
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Master
Capital Project Schedule

FY 20/21 Q2
Update

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<tr>
<td>Q1  = October - December</td>
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<tr>
<td>Q2  = January - March</td>
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<td>Q3  = April - June</td>
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<td>Q4  = July - September</td>
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<tbody>
<tr>
<td>BS    = Business Services</td>
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<tr>
<td>CS    = Community Services</td>
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<tr>
<td>DAB   = Daytona Beach Intl Airport</td>
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<tr>
<td>FIN   = Finance</td>
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<td>OC    = Ocean Center</td>
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<td>PP    = Public Protection</td>
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<td>PW    = Public Works</td>
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*New Projects are in bold
**Completed Projects are in *italics* - refer to back of binder for FY 19/20
## MASTER CAPITAL PROJECT SCHEDULE
**SORTED BY PROJECT NUMBER (PID)**

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

### Construction Funding
- FY 17/18
- FY 18/19
- FY 19/20
- FY 20/21
- FY 21/22
- FY 22/23

### District
- All

### FY 20/21 Q2

#### Business Services
- **PID**: BS-CES-02
  - **Project Name**: New Elections Warehouse
  - **District**: 1
  - **Q1**: 5/21/2015

#### Community Services
- **PID**: CS-PRC-01
  - **Project Name**: Lemon Bluff Park
  - **District**: 3
  - **Q1**: 5/19/2016

- **PID**: CS-PRC-19
  - **Project Name**: Marine Discovery Center Trail
  - **District**: 3
  - **Q1**: 5/15/2018

- **PID**: CS-VOT-07
  - **Project Name**: Westside Votran Maintenance Facility
  - **District**: 1

#### Daytona Beach International Airport
- **PID**: DAB-TER-03
  - **Project Name**: Terminal Parking Lot Improvements
  - **District**: 4
  - **Q1**: 12/17/2015

- **PID**: DAB - TER - 07
  - **Project Name**: Terminal Renovation
  - **District**: 4
  - **Q1**: 10/1/2016

#### Finance
- **PID**: FIN-IT-01
  - **Project Name**: Countywide 800 MHz Radio System
  - **District**: All

#### Ocean Center
- **PID**: OC-318-07
  - **Project Name**: Ocean Center Retrofit Arena Lighting to LED
  - **District**: 2
  - **Q1**: 10/1/2017

- **PID**: OC-318-12
  - **Project Name**: Ocean Center Replace Arena Roof
  - **District**: 2
  - **Q1**: 4/17/2018

- **PID**: OC-318-13
  - **Project Name**: Ocean Center Sound System Replacement
  - **District**: 2
  - **Q1**: 2/20/2018

- **PID**: OC-475-2
  - **Project Name**: Parking Garage - Lighting
  - **District**: 2
  - **Q1**: 10/1/2017

- **PID**: OC-475-4
  - **Project Name**: Parking Garage – Deck & Drainage Restoration
  - **District**: 2
  - **Q1**: 9/18/2018

#### Public Protection
- **PID**: PP-DOC-06
  - **Project Name**: Branch Jail/Correction Facility Potable Water Pipe Replacement
  - **District**: 4
  - **Q1**: 10/1/2019

- **PID**: PP-DOC-09
  - **Project Name**: Branch Jail/Correction Facility Security and Surveillance System
  - **District**: 4
  - **Q1**: 9/4/2018

- **PID**: PP-DOC-10
  - **Project Name**: Branch Jail/Correction Facility Operations Systems Upgrade
  - **District**: 4
  - **Q1**: 10/1/2017

- **PID**: PP-FR-02
  - **Project Name**: Fire Station 18 (500 Rodeo Rd, Ormond Beach)
  - **District**: 4
  - **Q1**: 9/18/2018

- **PID**: PP-FR-03
  - **Project Name**: Fire Station 22 (213 N. US HWY 1, Oak Hill)
  - **District**: 3
  - **Q1**: 9/18/2018

- **PID**: PP-ME-01
  - **Project Name**: Replacement Medical Examiner Facility
  - **District**: 4

#### Public Works
- **PID**: PW-COS-06
  - **Project Name**: Sun & Surf Park (726 N. Atlantic Ave., Daytona Beach)
  - **District**: 2
  - **Q1**: 10/1/2016

- **PID**: PW-COS-14
  - **Project Name**: Plaza Beach Ramp Public Access Improvements
  - **District**: 4
  - **Q1**: 4/3/2018

- **PID**: PW-COS-17
  - **Project Name**: 16th Avenue Off-Beach Parking & Beach Access
  - **District**: 3
  - **Q1**: 10/2/2018

- **PID**: PW-COS-18
  - **Project Name**: Edwin W. Peck, Sr. Park (3167 S. Atlantic Ave., Daytona Beach Shores)
  - **District**: 2
  - **Q1**: 11/5/2015

- **PID**: PW-COS-19
  - **Project Name**: Dahlia Ave. Park (3621 S. Atlantic Ave., Daytona Beach Shores)
  - **District**: 2
  - **Q1**: 11/5/2015

- **PID**: PW-COS-20
  - **Project Name**: International Speedway Boulevard Ramp Improvements
  - **District**: 2
  - **Q1**: 1/21/2020

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*New Projects are in bold*

**Completed Projects are in Italics** - refer to back of binder for FY 19/20
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*New Projects are in bold
**Completed Projects are in *Italic* - refer to back of binder for FY 19/20
BS-CES-2

Project:
New Elections Warehouse

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

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

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

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

Project Cost:
$5,900,000

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

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

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

Project Adjustment:
Schedules updated.
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
$ 2,028,117 Construction
$ 2,135,587 Total

Funding Sources:
$ 400,000 2016 Council ECHO grant award
$ 375,000 FIND Grants
$ 716,833 Impact Fee Fund 135
$ 30,000 Impact Fee Fund 137
$ 613,754 Funded from FBIP
$ 2,135,587 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
CS-PRC-01 (Continued)

Construction schedule updated based on construction contract dates

Project Adjustment:

Updated construction cost
Project: Marine Discovery Center Trail

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

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

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

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

Project Cost:
$1,100,000

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

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

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

Project Adjustment:
Status updated
CS-VOT-07

Project:
Westside Votran Maintenance Facility

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

Acquisition:
N/A

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

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

Project Cost:
$ 796,452

Funding Sources:
$ 796,452 FTA and FDOT Grants

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

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

Project Adjustment:
New project
CS-VOT-07 (Continued)
**DAB – AF/PAV-01-B**

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

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

**Acquisition:**
N/A

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

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

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

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

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

**Funding Sources:**

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

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

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<td>$ 559,244</td>
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**Construction (Schedule E only – $8,287,284 – FY 20/21)**

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<td>FAA AIP Grant Funding</td>
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</table>
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 Svs. (Bid Schedule D) August 6, 2019
5. Council approval of AVCON Post Design Svs. (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 Svs. (Bid Schedule E) July 21, 2020
9. Council approval of AVCON Post Design Svs. (Bid Schedule E) July 21, 2020

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

Project Adjustment:
Changes reflected in status update.
DAB-TER-03

Project:
DAB/Terminal - Parking Lot Improvements

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

Acquisition:
N/A

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

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

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

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

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

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

**Project Adjustment:**
Changes reflected in status update
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:
$ 932,039 Design
$ 13,435,740 Construction
$ 37,551 Permit Fee (State Mandated)
$ 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
$ 364,972 Customer Facility Charge
$ 14,405,330 Total

Council Actions:
2. Contract Award for CM/GC November 17, 2016
3. Award contract for CM/GC, Part A March 16, 2017
4. Approval of Design Task Assignment December 7, 2017
5. Award contract for CM/GC, Part B April 16, 2019
6. Request to apply and accept for additional grant funding March 3, 2020

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

Project Adjustment:
Construction finish changed
FIN-IT-01

Project:
Countywide - 800 MHz Radio System Backbone and Radios

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

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

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

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

Construction:
Phase II
Start: 3rd Qtr. – FY 20/21 (Begin implementation)
Finish: 3rd Qtr. – FY 22/23

Project Cost:
$ 21,655,432 (estimated)  County of Volusia
$ 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-01 (Continued)

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

Status:
Phase I - Complete

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

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

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

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

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

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

Acquisition:
N/A

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

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

Project Cost:
$ 160,300 Design
$ 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:
Project status updated.
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

Status:
Pre construction meeting held on 10/8/20.
Notice to proceed issued on 11/25/20.
Project damage assessment meeting 01/14/21, change order in process.
Change order slated for 3/2/21 County Council meeting.

Project Adjustment:
Construction start date, project cost and status updated.
**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
$ 1,074,995 Construction
$ 1,143,496 Total

**Funding Sources:**
$ 1,143,496 318 Ocean Center Capital Fund

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

**Status:**
Mandatory Pre Bid held on 1/27/20 & 02/03/20
Bid opened 04/23/20
Notice to proceed issued on 12/07/20

**Project Adjustment:**
New project
OC-475-02

Project:
Parking Garage - Lighting

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

Acquisition:
N/A

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

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

Project Cost:
$16,000 Design
$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:
Status updated
**OC-475-04**

**Project:**
Parking Garage – Deck & Drainage Restoration

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

**Acquisition:**
N/A

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

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

**Construction:**
Phase 1  
Start: 2nd Qtr. – FY 19/20  
Finish: 3rd Qtr. – FY 20/21

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

**Project Cost:**
- $74,265 Design  
- $314,306 Phase 1 Construction (Deck 2 - contract price)  
- $350,000 Phase 2 Estimate (Deck 6)  
- $493,790 Phase 3 Estimate (Decks 3-5)  
- $1,232,361 Project Total

**Funding Sources:**
475 Parking Garage Fund

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

**Status:**
- Notice to proceed issued December, 1, 2020.
- Level 2 deck

**Project Adjustment:**
- Status updated.
Project: Volusia County Branch Jail Potable Water Pipe Replacement – 1300 Red John Drive, Daytona Beach

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

Acquisition: N/A

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

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

Construction:
Cells 5 & 6:
Start: 3rd Qtr. – FY 20/21
Finish: 1st Qtr. – FY 21/22

Phase 2:
Start: 1st Qtr. – FY 21/22
Finish: 3rd Qtr. – FY 21/22

Remaining phases construction schedules to be determined.

Project Cost:
$33,800 Engineering/Design
$1,566,200 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 1st 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: 2nd 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-09 (Continued)

Project Adjustment:
  Design schedule updated.
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 training completed in January 2021. System implementation completed in February 2021.

Project Adjustment:
Project complete
**PP-FR-02**

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

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

**Acquisition:**
Start: 1st Qtr. – FY 20/21
Finish: 3rd Qtr. – FY 20/21

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

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

**Project Cost:**

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**Funding Sources:**

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<td>Fire Rescue Fund</td>
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**Council Actions:**

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

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

**Project Adjustment:**
New Project
PP-FR-03

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

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

Acquisition:
Existing County Property

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

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

Project Cost:
$ 99,970 Design
$ 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.

Project Adjustment:
New Project
PP-FR-03 (Continued)
PP-ME-1

Project:
Medical Examiner Facility – Location to be determined

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

Acquisition:
Existing County Indian Lake Property

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

Construction:
TBD

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

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

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

Project Adjustment:
Updated schedule, funding, Council Actions and project status
PW-COS-06

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

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

Acquisition:
July 2015
December 2015 - County Occupancy

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

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

Project Cost:
$ 400,000 Demolition
$ 42,301 Design
$ 625,000 Construction (estimated)
$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.
PW-COS-13

Project:     Boylston Beach Ramp Public Access Improvements

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

Acquisition:   N/A

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

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

Project Cost:
               $ 70,000     Design
               $715,500    Construction
               $ 785,500   Total

Funding Sources:
               $ 785,500    Beach Capital

Council Actions:
               1.  Task Assignment Approved       June 2018

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

Project Adjustment:
               New Project
FY 20/21 Q2 Update

New Project
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
$ 566,648 Construction
$ 626,648 Total

Funding Sources:
$ 411,648 Beach Capital
$ 215,000 FEMA Hazard Mitigation Grant
$ 626,648 Total

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

Status:
Conceptual design phase
Design Task Initiated April 2018
Survey and Geotech Completed May 2018
Conceptual Design Complete June 2018
30% Plans Completed August 2018
60% Plans Completed March 2019
FDEP CCCL Permit Submitted April 2019
PW-COS-14 (Continued)

- FEMA approves grant funding: May 2019
- 90% Plans Completed: May 2019
- FDEP CCCL Permit Received: March 2020
- Plans Completed: June 2020
- Army Corps Permit Received: September 2020
- Bidding: October 2020
- Construction Notice to Proceed: January 2021

Project Adjustment:

Updated council actions and status to include NTP, received bids higher than estimate.
PW-COS-17

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

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

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

Construction:
Start: TBD
Finish: TBD

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

Funding Sources:
$668,643 Beach Capital

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

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

Project Adjustment:
Updated project status and construction schedule.
PW-COS-18

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

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

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

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

Project Cost:
$ 181,100 Design
$ 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)

Project Adjustment:
Updated council actions and status to include NTP.
PW-COS-19

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

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

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

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

Project Cost:

$ 138,600 Design
$ 1,062,562 Construction
$ 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)

Project Adjustment:
Updated council actions and status to include NTP.
PW-COS-20

Project:
International Speedway Boulevard Ramp Improvements – Daytona Beach

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

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

Construction:
Start: TBD
Finish: TBD

Project Cost:
$ 229,540 Design

Funding Sources:
$ 229,540 Beach Capital

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

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

Project Adjustment:
Updated status and project cost.

Preliminary Conceptual
PW-COS-21

Project:
Silver Beach Ave. Beach Ramp Improvements – Daytona Beach

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

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

Construction:
Start: TBD
Finish: TBD

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

Funding Sources:
$ 792,085 Beach Capital

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

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

Project Adjustment:
N/A
**PW-COS-22**

**Project:**  
University Blvd. Beach Ramp Improvements – Daytona Beach

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

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

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

**Project Cost:**  
$116,000 Design  
$690,000 Construction  
$806,000 Total

**Funding Sources:**  
$516,000 Beach Capital  
$290,000 Protogroup Escrow Agreement  
$806,000 Total

**Council Actions:**  
1. Approval of TA for Design August 4, 2020

**Status:**  
NTP Issued August 2020  
Conceptual Plan December 2020

**Project Adjustment:**  
Updated status.
PW-COS-23

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

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

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

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

Project Cost:
$114,576 Design
$652,516 Construction
$767,092 Total

Funding Sources:
$767,092 Beach Capital

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

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

Project Adjustment:
New project sheet.
PW-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.
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
- $508,195 Construction
- $815,167 Total

Funding Sources:
- $536,667 Stormwater Utility
- $278,500 FDEP grant
- $815,167 Total

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

Status: Construction is underway February 2021.

Project Adjustment: Project cost updated to reflect contract award amount with council action information, and status updated.
Lake Beresford/Lakeside Drive Stormwater Improvement Project in the DeLand area
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
$ 3,000,000 Construction (estimated)
$ 3,199,960 Total

Funding Sources:
$ 99,980 Indian River Lagoon Council grant (design)
$ 1,911,784 SJRWMD grant (construction)
$ 1,188,196 Stormwater Utility (grant match and cost-share)
$ 3,199,960 Total

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

Status:
The project will be bid for construction during the second quarter of FY 20/21. The County was awarded a $1,911,784 cost-share grant from the St. Johns River Water Management District and the agreement was presented to Council for approval on March 2, 2021. An additional grant funding application was submitted to the Florida Department of Environmental Protection and the award results are pending.
PWW-DTT-8 (continued)

Project Adjustment:
Schedule and status updated for grant funding activity.

Gabordy Canal at 10th Street Stormwater Treatment Facility in New Smyrna Beach and Edgewater
PW-DTT-9

Project:
Ariel Canal Water Quality Improvement Project

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

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

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

Construction:
Start: 3rd Qtr. – FY 20/21
Finish: 4th Qtr. – FY 21/22

Project Cost:
$ 74,715 Engineering Evaluation
$ 124,630 Design & Permitting and Cultural Resource Assessment
$ 54,000 Land Acquisition
$ 1,800,000 Construction (estimated)
$ 2,053,345 Total

Funding Sources:
$ 703,345 Stormwater Utility (grant cost-share)
$ 900,000 FDEP grant (construction)
$ 450,000 SJRWMD grant (construction)
$ 2,053,345 Total

Council Actions:
1. Engineering evaluation March 5, 2019
2. Task assignment for design and permitting October 1, 2019
3. Cost-share agreement with FDEP October 6, 2020
4. Land purchase agreement March 2, 2021
5. Cost-share agreement with SJRWMD March 2, 2021
PW-DTT-9 (Continued)

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

Project Adjustment:
Acquisition, schedules and status updated.

Ariel Canal Water Quality Improvement Project in Riverbreeze Park, Oak Hill area
PW-ENG-5061

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

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

Acquisition:  
ROW acquired

Design:  
Finish: 2nd Qtr. – FY 19/20

Construction:  
Start: 4th Qtr. – FY 19/20  
Finish: 3rd Qtr. – FY 21/22

Project Cost:  
$1,232,288 Acquisition  
$1,502,700 Design  
$15,973,192 Construction  
$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  
$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
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 Council Actions.
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
$ 1,012,763 Design
$ 14,115,503 Construction
$ 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
$ 10,270,012 Local Option Gas Tax
$ 17,389,192 Total

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

Status:
Constrction underway.
Acquiring additional easements for grading.

Project Adjustment:
Updated Council Actions.
PW-ENG-5351-1

Project:  
Veterans Memorial Bridge - Bridge replacement in Daytona Beach

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

Acquisition:  
Completed

Design:  
Completed

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

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

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

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

Status:  
Complete pending punch list items.

Project Adjustment:  
Updated project costs, Council actions and status.
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
**Status:**

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

**Project Adjustment:**

- Updated Council actions and status.
Project:
Spring to Spring Phase 3B – Rob Sullivan Park to Dirksen Drive/US 17/92

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

Acquisition:
None

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

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

Project Cost:
$ 3,070,018

Funding Sources:
$ 227,200 ECHO Trail Funds
$ 272,160 LAP Grant – FDOT
$ 2,570,658 SUN Trail Grant
$ 3,070,018 Total

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

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

Project Adjustment:
Construction schedule updated.
PW-ENG-5779

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

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

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

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

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

Project Cost:
$ 400,000 Design
$ 3,500,000 Construction
$ 3,900,000 Total

Funding Sources:
$ 3,900,000 Impact Fees

Council Actions:

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

Project Adjustment:
Overall project update including scope, schedule and status.
**PW-ENG-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  
$4,878,955  Construction  
$5,061,830  Total

**Funding Sources:**  
$182,875  Local Option Gas Tax  
$2,917,391  Development Proportionate Fair Share  
$1,961,564  Florida Job Growth Grant – FDEO  
$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  
PW-ENG-5797 (Continued)

Status:
Construction underway.

Project Adjustment:
Updated construction schedule.
PW-MSC-01

Project:
Marine Science Center Renovation

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

Acquisition:
None

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

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

Project Cost:
$1,478,326

Funding Sources:
$1,478,326 General Fund

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

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

Project Adjustment:
N/A
PW-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.
FY 20/21 Q2 Update

Project Complete
PW-SW-4

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

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

Acquisition:
N/A

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

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

Project Cost:
$43,300 Design
$347,595 Construction
$390,895 Total

Funding Sources:
$390,895 Solid Waste Funded

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

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

Project Adjustment:
The construction timeline was extended by two quarters to resolve fire suppression issues.
PW-SW-07

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

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

Acquisition:
N/A

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

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

Project Cost:
$ 96,000  Design
$ 2,600,000  Construction Estimate
$ 2,696,000  Total Estimate

Funding Sources:
$ 2,696,000  Solid Waste Funded

Council Actions:
N/A

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

Project Adjustment:
New project
PW-SW-09

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

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

Acquisition:
N/A

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

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

Project Cost:
$ 130,200 Design
$ 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:
New project
PW-TE-10

Project:
Saxon Boulevard & Market Place in Orange City

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

Acquisition:
N/A

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

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

Project Cost:
$ 31,400 Design
$ 330,200 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. Design completed. Construction NTP 8/14/2020. Preliminary site work underway (i.e., conduit, power service, drilled shaft foundations). Waiting on mast arms to arrive for completion.

Project Adjustment:
Updated status
**PW-TE-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:**
- Design: $34,903
- Construction: $396,724
- Total: $431,627

**Funding Sources:**
- Local Option Gas Tax: $431,627

**Council Actions:**
1. Approved FY 19/20 Budget

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

**Project Adjustment:**
Updated status.
**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  
$367,278 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, design completed. Construction NTP 8/14/2020. Preliminary site work underway (i.e. conduit, power service, drilled shaft foundations). Mast arms scheduled to arrive in March.

**Project Adjustment:**  
Status updated.
Intersection Aerial View:
PW-TE-14

Project:
LPGA Boulevard & Center Street, Holly Hill

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

Acquisition:
N/A

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

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

Project Cost:
$ 34,400 Design
$ 325,000 Construction
$ 356,400 Total

Funding Sources:
$ 356,400 Local Option Gas Tax

Council Actions:
1. Approved FY 19/20 Budget

Status:

Project Adjustment:
Updated design & construction schedule.
Intersection Aerial View:
**PW-WRU-04**

**Project:**
Indian Harbor Estates Sanitary Sewer Retrofit

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

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

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

**Project Cost:**
- $358,305 Design

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

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

**Status:**
Pending matching funds from other governmental regulatory agencies

**Project Adjustment:**
Design and construction bid specifications completed and submitted to Indian River Lagoon Council for final review and cost share reimbursement.
**Project:** Southwest Service Area Wastewater Infrastructure Improvements

**Scope:**
Construction of 3 miles of wastewater force main and other infrastructure connecting two 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-12

Project:
Blue Spring Wetland Aquifer Recharge (Phase I)

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

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

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

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

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

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

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

Status:
Load test and analysis currently in progress

Project Adjustment:
Load testing and analysis time extended as mutually agreed by the participating agencies
PW-WRU-12 (Continued)
**PW-WRU-13**

**Project:**
Glen Abbey Water Treatment Plant Upgrades

**Scope:**
Installation of two ground storage tank aeration and mixing systems at the county’s Glen Abbey water treatment plant in Orange City to improve water quality 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:**
Electrical improvements in progress, delivery of equipment delayed 24 weeks.

**Project Adjustment:**
Updated status
CAPITAL PROJECT SCHEDULE

FY 19/20
Completed Projects
(current quarter completed projects in main section)

Revised 02/04/21
**CS-PRC-20**

**Project:**
Hope Place Recreation Area

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

**Acquisition:**
Donation approved July 6, 2017 by County Council

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

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

**Project Cost:**
$ 481,468 Construction

**Funding Sources:**
$ 481,468 Park Impact Fee Zone

**Council Actions:**
Conceptual Plan Reviewed by Council – December 8, 2016  
Council Approved Playground Purchase on April 16, 2019  
Council Approved basketball court contract on July 2, 2019  
Council Approved landscaping & irrigation on August 6, 2019

**Status:**
Design 100% complete  
Met with public on February 13, 2018  
Met with public on September 29, 2018  
Playground & shade structure complete  
Basketball court under construction  
Project complete – ribbon cutting to be held on February 14, 2020

**Project Adjustment:**
Project complete
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

FY 20/21 Q2 Update

Project Complete
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
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
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.
Project Adjustment:

Project cost was estimated.
Project cost updated to reflect bid award amount.
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
$503,484 Construction
$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)

FY 20/21 Q2 Update

Project Complete
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
$ 3,780,682 Construction
$ 4,183,999 Total

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

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

Status:
Construction complete.
Mitigation approved – Permit in hand.

Project Adjustment:
Updated project status to complete.
PW-ENG-5712

FY 20/21 Q2 Update

Project 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  
- $438,536 CQA Services  
- $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-SW-5 (Continued)
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
$ 248,351 Construction
$ 279,088 Total

Funding Sources:
$ 279,088 Local Option Gas Tax

Council Actions:
Approved FY 18/19 Budget

Status:
Final Inspection & Acceptance 7/14/2020.

Project Adjustment: Early Finish
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
$ 2,217,891 Total

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

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

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-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-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.
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