CAPITAL PROJECT SCHEDULE

January 22, 2019

Revised 1/7/19
Master
Capital Project Schedule

January 2019
Update

<table>
<thead>
<tr>
<th>Fiscal Quarters</th>
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<tr>
<td>Q1</td>
<td>October - December</td>
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<td>Q3</td>
<td>April - June</td>
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<td>Q4</td>
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<td>Activity Overlap</td>
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<td>Schedule Adjustment</td>
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*New Projects are in Bold
**Completed Projects are in Italics. Refer to back of binder for Q3 and older
Note: Large projects utilizing CMGC method will overlap Eng/Design with Const
## MASTER CAPITAL PROJECT SCHEDULE

**SORTED BY PROJECT NUMBER (PID)**

<table>
<thead>
<tr>
<th>PID</th>
<th>Project Name</th>
<th>District</th>
<th>FY 16/17</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>
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<tr>
<td>BS-CES-1</td>
<td>New Court/Central Services Warehouse</td>
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<td>CS-LIB-3</td>
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<td>Marine Discovery Center Trail</td>
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<td><em>CS-PRC-20</em></td>
<td>Hope Place Recreational Area</td>
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<td><strong>DAB – AF/FA-01</strong></td>
<td>Airfield Rescue Firefighting Facility</td>
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<td>DAB-AF/PAV-01A</td>
<td>Taxiway November Rehabilitation Bid Schedules B &amp; C</td>
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<td><strong>DAB – AF/PAV-02</strong></td>
<td>Taxiway Sierra Extension</td>
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<td>Terminal AHU Replacement</td>
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<td>DAB – TER -03</td>
<td>Terminal Parking Lot Improvements</td>
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<td><strong>DAB-TRE-04</strong></td>
<td>DAB/Terminal – Restroom Renovations (Phase 3)</td>
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<td>DAB - TER -07</td>
<td>Terminal Renovation</td>
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<td><strong>OC-318-1</strong></td>
<td>Current Arena AHU Replacement Project</td>
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<td>OC-318-2</td>
<td>Main Marque Replacement Project</td>
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<td>OC-318-7</td>
<td>Ocean Center Retrofit Arena Lighting to LED</td>
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<td>OC-318-8</td>
<td>Ocean Center Roof Repair</td>
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<td>OC-318-12</td>
<td>Ocean Center Replace Arena Roof</td>
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<td>OC-475-2</td>
<td>Parking Garage – Lighting</td>
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<td>OC-475-4</td>
<td>Parking Garage – Deck &amp; Drainage Restoration</td>
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<tr>
<td><strong>PP-DOC-4</strong></td>
<td>Branch Jail Roof Replacement Project - Phase 1</td>
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<td><strong>PP-DOC-5</strong></td>
<td>Branch Jail Roof Replacement Project - Phase 2</td>
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<td>PP-DOC-8</td>
<td>Branch Jail/Correction Facility Network Infrastructure Upgrade</td>
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<td>PP-DOC-10</td>
<td>Branch Jail/Correction Facility Operations Systems Upgrade</td>
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<td>PP-FR-1</td>
<td>Fire Station 36 Osteen Renovation</td>
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<td><strong>PW-COS-1</strong></td>
<td>VC Off-beach Parking - Hiles Blvd. Lat., NSB - Const. Complete Q4</td>
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<td><strong>PW-COS-3</strong></td>
<td>Smyrna Dunes Boardwalk</td>
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<td>PW-COS-6</td>
<td>Sun &amp; Surf Park - 726 N. Atlantic Ave., Daytona Beach</td>
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<td>PW-COS-9</td>
<td>VC Off-beach Parking - 650 S. Atlantic Ave., Ormond beach</td>
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<td><em>PW-COS-17</em></td>
<td>16th Avenue Off-Beach Parking &amp; Beach Access</td>
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<td>PW-DTT-6</td>
<td>Thornby Park Water Quality Improvement Project</td>
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<td><strong>PW-ENG-1180</strong></td>
<td>LPGA Blvd - Jimmy Ann to Derbyshire</td>
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<td>PW-ENG-5061</td>
<td>Tenth Street - Myrtle to US 1</td>
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<td>PW-ENG-5240</td>
<td>Howland Blvd - Providence Blvd to Elkcam Blvd</td>
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<td>PW-ENG-5351-1</td>
<td>Veteran’s Memorial Bridge</td>
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<td>PW-ENG-5395</td>
<td>Orange Camp Rd - MLK Blvd to I-4</td>
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<td><strong>PW-ENG-5511-2</strong></td>
<td>Spring to Spring Phase 3A - Detroit Terrace to Donald E Smith Blvd</td>
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<td>PW-ENG-5511-3</td>
<td>Spring to Spring Phase 3B - Rob Sullivan Park to Dirksen Dr/US17-92</td>
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<td>Spring to Spring Trail - Grand Ave., Lemon to King</td>
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<td>PW-ENG-5712</td>
<td>West Park Ave 3-Lane Widening - Old Mission Rd to Massey Ranch Rd</td>
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<td>PW-ENG-5766</td>
<td>Doyle Road Paved Shoulders - Lush Into Courtland Blvd</td>
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<td>PW-ENG-5797</td>
<td>Williamson Blvd - LPGA Blvd to Strickland Range Rd</td>
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<td>Marine Science Center Renovation</td>
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<td>Public Works Northeast Services Facility</td>
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<td><strong>PW-SW-2</strong></td>
<td>Tamoka Farms Southwest Facility - Operations Center Building</td>
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<td>Citizens Convenience Improvement - Household Hazardous Waste Drop</td>
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<td>Tomoka Farms Rd Landfill - Glass I Landfill Expansion</td>
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<td>PW-TE-1</td>
<td>Pioneer Trail &amp; Airport Rd - New Mast Arm Signal</td>
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<td>Graves Ave &amp; Kentucky Ave - New 4 Pole Design</td>
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<td>Mason Ave &amp; Jimmy Ann - Conversion to Mast Arm Signal</td>
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<td>Pioneer Trail &amp; Enterprise Avenue in New Smyrna Beach - to mast arm</td>
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<td>Saxon Boulevard &amp; Market Place in Orange City - to mast arm</td>
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<td>Deep Creek Aquifer Performance Test Wells</td>
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<td>Deltona North Water Treatment Facility Upgrades</td>
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<td>Halifax Wastewater Treatment Facility Rehabilitation</td>
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**Sheriff’s Office**

| SO-5715 | New Sheriff’s Evidence Storage Building & Forensics Lab | 4        | 5/19/2015 |          |          |          |          |          |          |

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

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

FY 18/19 Q1 Update

Revised 010419
BS-CES-1

**Site:**
New Court/ Central Services Warehouse - Indian Lake Road, adjacent to Facilities Services.

**Acquisition:**
Location currently owned by Volusia County (see map on next page).

**Project Scope:**
Construct new building and related improvements at another property. Warehouse to provide secure storage of documents, materials, supplies and equipment. Includes integrated security system, building automation and climate control for court records.

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

**Project Cost:**
$ 3,400,000

**Funding Sources:**
$ 3,400,000 Court/Central Services Warehouse (368-930-4190-6200)

**Council Actions:**
10 year capital improvement plan approved by council 3rd Qtr. FY 14/15  
Architectural Design Firm (Schenkel Shultz) Selection on April 6, 2017.  
CM/GC Firm Selection (Wharton-Smith) on August 7, 2017.  
CM/GC Part A (pre-construction) SOW & Fee on December 21, 2017.  
CM/GC Part B (Construction) GMP August 7, 2018.

**Construction Timeline:**
Start: 4th Qtr. – FY 16/17  
Finish: 4th Qtr. – FY 18/19

**Project Status:**
Advertisement of request for qualifications for design Consultant on 12/04/16.  
Request for Qualifications closed on 1/26/17.  
First meeting with design Consultant to discuss Scope of Work (SOW) on 4/14/17.  
Received final SOW & Fee proposal from design Consultant and Sent to Purchasing on 8/1/17.  
Advertisement of request for qualifications for CM/GC 7/2/17  
Request for qualifications for CM/GC closed on 08/03/17  
Design finalized  
Permitting in progress  
GMP finalized  
Groundbreaking projected for late September /early October 2018  
Construction underway and on schedule  
Substantial completion by end of May

**Project Adjustment:**
N/A

Location of New Court Records/ Central Services Warehouse  
(See Map on Next Page)
BS-CES-1 (Continued)
**BS-CES-2**

**Site:** New Elections Warehouse

**Acquisition:** Site TBD

**Acquisition Timeline:**
- Start: 1st Qtr. - FY 18/19
- Finish: 3rd Qtr. - FY 18/19

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

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

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

**Funding Sources:** $ 5,900,000 Elections Warehouse (367-930-4180)

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

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

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

**Project Adjustment:** NA

See pic below: Demand exceeds building capacity at existing elections warehouse
BS-IT-1

Site: Countywide - 800 MHz Radio System Backbone and Radios

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

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

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

Phase II – Radio System Modernization Design and Procurement
Start: 3rd Qtr. - FY 17/18
Finish: 1st Qtr. - FY 19/20

Project Cost:
$19,000,000 (estimated) County of Volusia
$7,000,000 (estimated) City Budgets
$26,000,000 (estimated) Total

Funding Sources:
$11,700,000 305-930-4605 General Fund
$7,300,000 305-930-4606 800 MHz Capital Radio Replacement
$7,000,000 City Budgets
$26,000,000 Total

Council Actions:
1. Mini-Budget Workshop July 7, 2016
2. Radio System Consultant Award January 18, 2018
3. Approval of Direction to Issue RFP December 4, 2018

Construction Timeline:
Phase I – N/A
Phase II
Start: 1st Qtr. - FY 19/20 (Begin implementation)
Finish: 4th Qtr. - FY 20/21
BS-IT-1 (Continued)

Project Status: Phase I
Completed Needs Assessment and Recommendation Reports for 800 MHz Radio System and the Long-term Planning Report for Fire Alerting System. Task order issued to consultant to assist in RFP development; development of microwave and radio system RFP scope of work beginning; identification of land for additional tower in southeast Volusia underway; development of cooperative agreement with Flagler County to share tower space underway.

Project Adjustment: 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.
CS-LIB-3

Site: Hope Place Library Services Facility

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

Project Scope: Restore and convert existing building for use as regional library.

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

Project Cost: $61,800 Design
$618,200 Construction
$680,000 Total

Funding Sources: $680,000 Community Development Block Grant (CDBG)

Council Actions:
1. Architectural Design Firm Selection March 2, 2017
2. Architectural Design Awarded March 2, 2017
3. CMGC Firm Selection May 4, 2017
   Part A (pre-construction)
4. CMGC Approval March 6, 2018
   Part B (construction)

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

Project Status: Conceptual design complete. Schematic design at 30%.
Negotiating Part A fee of Task Assignment with CMGC
Architectural Design Firm Task Assignment Initiated: 1st Qtr. FY 16/17
Advertisement of CMGC Solicitation for Bid: 1st Qtr. FY 17/18
Prebid Meeting 1st Qtr. FY 17/18
Project addendum issued 2nd Qtr. FY 17/18
Subcontractor Bids due 2nd Qtr. FY 17/18
Guaranteed maximum price to County Council 2nd Qtr. FY 17/18
Construction Kickoff Meeting March 22, 2018
Notice to Proceed April 16, 2018
Construction at about 75% completion

Project Adjustment: Change in finish date due to 23 days’ inclement weather and 30 days of foundation redesign. Manufacturer delay in glass and storefront delivery. This will cause an overall delay in the project completion.
CS-LIB-3 (Continued)

Progress as of December 11, 2018
**CS-PRC-1**

**Site:** Lemon Bluff Park

**Acquisition:** March 13, 2013 (ECHO Funds)

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

**Design Timeline:**
- Start: 3rd Qtr. – FY 15/16
- Finish: 1st Qtr. – FY 18/19

**Project Cost:**
- $150,000 Design
- $1,115,000 Construction
- $1,265,000 Total

**Funding Sources:**
- $400,000 2016 Council ECHO grant award
- $125,000 FIND Grant
- $740,000 Funded from FBIP
- $1,265,000 Total

**Council Actions:**
1. Purchase Approval December 20, 2012
3. ECHO Grant Approval May 19, 2016
4. FIND Grant September 30, 2017

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

**Project Status:**
- Design 60% complete
- County’s Site Plan Review Process: 1st Qtr. FY 18/19
- Construction bid to be solicited: 2nd Qtr. FY 18/19
- Met with public on May 13, 2017
- Final review of design to council: 1st Qtr. FY 18/19
- Second public meeting was held on October 18, 2018

**Project Adjustment:** Project is currently on hold. Further County Council deliberation is required for this project to move forward. Design & construction timelines will be updated pending County Council deliberation.
**CS-PRC-2**

**Site:** Shell Harbor Park

**Acquisition:** December 2013

**Project Scope:** The project scope includes construction of the boat ramp and floating dock, kayak launch, restroom, pavilion, boardwalk, and paved parking (15 boat; 16 vehicular)

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

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

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

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

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

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

**Project Adjustment:** N/A
CS-PRC-18

Site: Highbridge Park

Acquisition: County owned property

Project Scope: Replace restroom for ADA compliance

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

Project Cost:  
$29,669 Design  
$221,246 Construction  
$250,915 Total

Funding Sources:  
$15,000 FIND  
$14,669 Park Capital  
$221,246 CDBG  
$250,915 Total

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

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

Project Status: Construction underway

Project Adjustment: Working with Florida Health Department regarding a water treatment plant for potable water for restroom and drinking fountain.
CS-PRC-19

Site: Marine Discovery Center Trail

Acquisition: Sublease in process with Marine Discovery Center

Project Scope: Project includes trail head, restroom, parking and paved trail

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

Project Cost: $1,100,000

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

Council Actions:
1. Approval of appropriation for design and construction May 15, 2018

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

Project Status: Survey and legal description to be completed

Project Adjustment: Project pending due to potential new location of trailhead.
**CS-PRC-20**

**Site:** Hope Place Recreation Area

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

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

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

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

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

**Council Actions:** Conceptual Plan Reviewed by Council – December 8, 2016

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

**Project Status:** Design 100% complete
- Met with public on February 13, 2018
- Met with public on September 29, 2018

**Project Adjustment:** N/A
DAB – AF/PAV-01-A

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

Acquisition: N/A

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

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

Project Cost:
- Total Design (Schedules B, C, D and E) $2,051,556
- Total Construction (Schedules, B, C, D, and E) $37,175,989
- Total $39,227,545

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

- Construction (Schedule B only - $8,790,545 – FY 17/18)
  - FAA AIP Grant Funding $7,836,491 AIP 076
  - FDOT Grant Funding $439,527 FM431539-02 & 03
  - Local Funding FY17/18 $514,527

- Construction (Schedule C only - $11,062,870 – FY18/19)
  - FAA AIP Grant Funding $9,956,583 AIP 078
  - FDOT Grant Funding $553,143 FM431539-02 & 03
  - Local Funding $553,144

The November Rehab Program consists of 2 standalone Projects with each contract (project) executing several Bid Schedules (Phases). The November Rehab Program is funded and executed in four distinct phases or Bid Schedules. This project addresses Phases 1 and 2 (Bid schedules B & C).

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 Dec 7, 2017
10. TA for Post Design (EOR) CA Services approval Dec 7, 2017
11. TA for Design package Bid Schedules D & E approval April 3, 2018
12. Budget Resolution Approval  
June 5, 2018

13. Contract to Halifax Paving, Inc.; Schedule C  
Dec. 18, 2018

14. TA for RPR/CA Support Services; Schedule C  
Dec. 18, 2018

15. TA for Post Design (EOR) CA Services; Schedule C  
Dec. 18, 2018

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

Construction Timeline:  
Phase I - Bid Schedule B  
Start: 3rd Qtr. – FY 16/17  
Finish: 2nd Qtr. – FY 18/19

Phase II – Bid Schedule C  
Start: 3rd Qtr. – FY 16/17  
Finish: 4th Qtr. – FY 18/19

Project Status:  
Work in place (WIP), 86% (Not inclusive of materials on site) with 86% contract time elapsed (234/271 days expended). An addition of 20 calendars was added to contract for weather conditions and topographical changes.

Project Adjustment:  
The recent change order #3 applies to schedule B construction only.
DAB – AF/PAV-01-B

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

Acquisition: N/A

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

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

Project Cost: $ 2,051,556 Total Design (Schedules, B, C, D, and E) $ 37,175,989 Total Construction (Schedules B, C, D, and E) $ 39,227,545 Total

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

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

Construction (Schedule D only - $9,057,096, - FY 19/20)

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

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

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

The November Rehab Program consists of 2 standalone construction projects awarded under separate contracts with each project executing (2) Phases of Bid Schedules. This project will be executed in (2) phases. Phase (3) or Bid Schedules D is to be awarded in FY17/18. Phase (4) or Bid Schedule E will be awarded (As a change order to this project) in FY18/19.

Council Actions: 1. TA for Design package Bid Schedules (D&E) approval April 3, 2018
2. Grant Acceptance & approval of local match (D&E) June 5, 2018
3. Council approval of contract to P&S Paving (Bid Sched D Only) Dec 18, 2018

Construction Timeline: Phase III - Bid Schedule D (Pending Completion of Bid Schedule C)
Start: 3rd Qtr. – FY 17/18
Finish: 1st Qtr. – FY 19/20

Phase IV - Bid Schedule E (Pending Completion of Bid Schedule D)
Start: 3rd Qtr. – FY 17/18
Finish: 3rd Qtr. – FY 19/20
**Project Status:** Project bid recommendation accepted, P&S paving was successful.

**Construction Timeline:**
- Bid Schedule D - 110 days
- Bid Schedule E - 90 days

**Project Adjustment:**
Construction Timeline change was made for schedule “D” as additional Grant funding has been awarded in fiscal year 2018/2019. Therefore, we anticipate a timeline change for schedule “E” as work will immediately continue after schedule “D” is complete.
DAB – TER-03

Site: DAB/Terminal - Parking Lot Improvements

Acquisition: N/A

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

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

Project Cost:
- $9,880 Sign Inspection
- $166,284 Design
- $169,721 RSQ 18-SQ-89IF (Est.)
- $4,624,115 Construction (Est.) (Cost represents Four (4) separate projects)
- $4,970,000 Total

Funding Sources:
- $828,525 CFC Revenue
- $1,525,000 FDOT Grant FM436051
- $1,525,000 Local Funding
- $545,737 FDOT supplement request (FY 19/20)
- $545,738 Local Funding (FY 19/20)
- $4,970,000 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

Construction Timeline:
- Start: TBD
- Finish: TBD

Project Status: County Council approved AVCON, Inc. to provide architectural and engineering services for the airport terminal parking lot improvements. Currently Negotiating price for TA design with AVCON.

Project Adjustment: Design timeline adjusted to allow staff additional time for review of AVCON’S design proposal.
The design program for the Terminal Parking Lot Improvements Program consists of four (4) individual project packages. The four projects are:

1. Parking Lot Paving Project;
2. Replacement of High Mast Parking Fixtures and lighting Improvements;
3. Replace Wayfinding Signage and,
4. Design and Construct Ticketing Canopy’s.
DAB – TER-07

Site: DAB/Terminal – Terminal Renovations

Acquisition: N/A

Project Scope: Renovations to Terminal to improve and enhance the passenger experience and convenience.

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

Project Cost: $ 12,400,000

Funding Sources: To be financed with commercial loan

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

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

Project Status:
Stakeholders (airlines, rental car companies, tenants) workshop #3 planned for 2nd Qtr FY 18/19
On-site furniture mock-up planned for 2nd Qtr FY 18/19
Architect’s 60% plans and specifications are being reviewed by staff.
Architect’s 90% plans and specifications are complete.

Project Adjustment: NA
OC-318-2

Site: Ocean Center – Main Marquee Replacement

Acquisition: N/A

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

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

Project Cost: $19,990 Design  
$391,812 Construction  
$411,802 Total

Funding Sources: $411,802 318 Ocean Center Capital Fund

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

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

Project Status: Crunch Construction has delivered submittal documents to Architect. Building permit from the City of Daytona Beach is ready to be picked up. Notice to proceed is being sent to Crunch Construction with 1/2/19 as their start date.

Project Adjustment: There was a delay in receiving a building permit that has since been resolved. This delay caused us to adjust the estimated completion to the 3rd Qtr. – FY 18/19.
OC-318-7

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

Acquisition: N/A

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

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

Project Cost: $ 700,000

Funding Sources: $ 700,000 318 Ocean Center Capital Fund

Council Action: Approved by County Council in FY 17/18 Budget  Design contract awarded September 4, 2018

Construction Timeline: TBD

Project Status: Ocean Center Staff has met with TLC Engineering on several occasions and are in the process of negotiating their design fees and defining scope of services.

Project Adjustment: Fee negotiations and process to issue a contract is taking longer than expected.
Site: Ocean Center – Roof Repair

Acquisition: N/A

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

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

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

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

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

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

Project Status: Scaffolding has been erected on the north and east sides of the building. North and east sides have been sand blasted. Repairs have been made and primer applied to north side of building. Repairs to east side are underway.

Project Adjustment: NA
OC-318-12

Site: Ocean Center – Replace Arena Roof

Acquisition: N/A

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

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

Project Cost: $ 103,605 Design
    $ 1,450,000 Construction
    $ 1,553,605 Total

Funding Sources: $ 1,553,605 Ocean Center Capital

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

Construction Timeline: TBD

Project Status: Design is underway

Project Adjustment: Flashing details have to be redesigned due to change in building codes.
### OC-475-2

**Site:** Parking Garage - Lighting  
**Acquisition:** N/A  
**Project Scope:** Replace existing lighting throughout the parking garage with LED lighting with motion sensors.  
**Design Timeline:**  
Start: 4th Qtr. – FY 17/18  
Finish: 3rd Qtr. – FY 18/19  
**Project Cost:**  
- $40,000 Design  
- $360,000 Construction  
- $400,000 Total  
**Funding Sources:**  
- $400,000 475 Parking Garage Fund  
**Council Action:** Approved by County Council in the FY 17/18 Budget  
Design contract awarded September 4, 2018  
**Construction Timeline:** TBD  
**Project Status:** Ocean Center Staff has met with TLC Engineering on several occasions and are in the process of negotiating their design fees and defining scope of services.  
**Project Adjustment:** Fee negotiations and process to issue a contract is taking longer than expected.
OC-475-4

Site: Parking Garage – Deck & Drainage Restoration

Acquisition: N/A

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

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

Project Cost: $1,092,000 FY 18/19

Funding Sources: FY 18/19 Budget

Council Action: Council approval of FY 18/19 Budget.

Construction Timeline: TBD

Project Status: Project has been accelerated. All five levels will be completed as one project during FY 18/19.

Project Adjustment: Due to project acceleration, it took some time to identify the additional funding required. Funding is now in place.
Site:   Volusia County Branch Jail – Phase 2 Roof Replacement Project  
1300 Red John Drive, Daytona Beach

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

Project Scope:   Roof Replacement Project – Phase 2

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

Project Cost:   $ 77,500 Design
               $ 1,500,000 Construction
               $ 1,577,500 Total

Funding Sources: $ 1,577,500 General Fund


Construction Timeline:  Start:  4th Qtr. – FY 16/17  
                       Finish:  1st Qtr. – FY 18/19

Project Status:  Design for Phase 2 – 100% complete
                Bid Award 11/2/17
                Phase 2 Roof replacement Bid 17-B-143JD closing date September 28, 2017.
                Phase 2 Completed October 2018

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

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

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

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

Project Cost: $727,500

Funding Sources:
$563,831 309-930-1200 Correctional Facilities Capital Projects
$163,669 123-520-3500 Inmate Welfare Fund
$727,500 Total

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

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

Project Status: Network detailed design and engineering was completed, and equipment/wiring specifications were released for bid 4th Qtr. FY 17/18.
Bid award presented and approved by Council on 11/13/18. Pre-construction meetings and work underway; construction to begin January 2019.

Project Adjustment:
Project cost was estimate.
Project cost updated to reflect bid award amount.
Site: Volusia County Branch Jail/Correction Facility Operations System Upgrade
-1300 Red John Drive and 1354 Indian Lake Road, Daytona Beach

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

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

Design Timeline: N/A

Project Cost:

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<th>Cost</th>
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<tr>
<td>Video Visitation</td>
<td>$500,000</td>
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<tr>
<td>Jail Management</td>
<td>$1,164,219</td>
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<td>Total</td>
<td>$1,664,219</td>
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No cost to County, revenue sharing contract Inmate Phone System

Funding Sources:

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<th>Funding</th>
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<tr>
<td>Video Visitation</td>
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<td>309 Capital Fund</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$1,664,219</td>
</tr>
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Council Actions:
1. Approval of FY 17/18 Budget
2. Award of contracts for Video Visitation/Inmate Phone System – 2nd Qtr. FY 18/19
3. Approval of FY 18/19 Budget – 4th Qtr. FY 17/18
4. Award of contract for Jail Management System – 2nd Qtr. FY 18/19

Construction Timeline:

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

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

Jail Management System
Start: 2nd Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 20/21
Project Status: The RFP closed on March 28th. This project is dependent upon the network infrastructure upgrade (PP-DOC-8), a competitive RFP solicitation, and implementation of three systems. Firms have been shortlisted by the evaluation committee on 9/13/18 to: JMS: Beacon, GTL, ICSolutions and Tribridge. Video Visitation and Inmate Phone: GTL, ICSolutions, Legacy and Securus. Scripted demos took place 1st Qtr FY 18/19. Award recommendation 2nd Qtr FY 18/19.

Project Adjustment: On November 30, 2018, the evaluation committee selected Beacon as the JMS provider and ICS for a combined WS/IPIS solution. Contract negotiations will begin during the 2nd Qtr FY 18/19. Cost change related to bid numbers.
**Site:** Volusia County Branch Jail – Phase 3 Roof Replacement Project  
1300 Red John Drive, Daytona Beach

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

**Project Scope:** Roof Replacement Project – Phase 3

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

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

**Funding Sources:** $580,484 General Fund

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

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

**Project Status:** Phase 3 Design – 100% complete  
Contract awarded November 13, 2018

**Project Adjustment:** N/A
PP-FR–1

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

Acquisition: Fire Station 36 was built in 1988

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

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

Project Cost: $ 925,000

Funding Sources:
$ 295,000 Fire Impact Fee Zone III
$ 630,000 Fire Rescue Fund
$ 925,000 Total

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

Construction Timeline:
Start: 4th Qtr. – FY 17/18
Finish: 2nd Qtr. – FY 18/19

Project Status:
The project is 80% complete. The exterior has been completed. The hurricane rated doors have been installed. Interior work is being completed. Project should be finished in February 2019.

Project Adjustment:
NA
PW-COS-5

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

Acquisition: September 2014

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

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

Project Cost:
- $474,976 (Includes Design)
- $37,326 (Change Order #1)
- $512,302 Total

Funding Sources: $512,302 Funded from Beach Capital

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

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

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

Project Adjustment:
- Construction schedule adjusted to coincide with sea turtle nesting season.
PW-COS-6

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

Acquisition: July 2015
December 2015 - County Occupancy

Project Scope: 70 parking spaces, ADA beach access ramp, showers, bike racks
15' wide stamped concrete beachfront boardwalk, landscaping.

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

Project Cost: $ 1,649,801 (Includes Demo and Design)

Funding Sources: $ 1,649,801 Funded from Beach Capital

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

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

Project Status:
Design 90% complete
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
Initiate N & S neighbor properties border wall design review – Oct. 2017
Border wall design plan determined – composite fencing – CB wall stabilization
Construction easement for N & S neighbor const. access under to be developed
County site plan review application submitted – February 2018
Florida DEP – CCCL permit submitted – March 2018
FDEP Request for Additional Information #1 received – April 2018
Reply to FDEP RAI submitted – August 2018
FDEP Stormwater Permit Received – November 2018

Project Adjustment: Construction schedule adjusted for FDOT and DEP - CCCL permitting
PW-COS-9

Site: Volusia County Off-beach Parking – 650 S. Atlantic Ave., Ormond Beach

Acquisition: April 2015

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

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

Project Cost: $1,877,325 Engineers OPC – revised December 2017

Funding Sources: $1,877,325 Funded from Beach Capital

Council Actions:
1. Purchase Approval: April 16, 2015

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

Project Status:
City Site Plan Review January – March 2017
City variance submitted May 2017
City Board of Adjustments Meeting July 5, 2017
Roof inspection w/county facilities August 2017
Structural verification and footer inspection September 2017
Design 100% complete December 2017
Gas station underground tank removal initiated December 2017
Gas station UST removal completed January 2018
Construction bid advertised February 2018
Construction bid solicitation closing March 22, 2018
UST groundwater testing conducted March 2018
Contractor Notice to Proceed June 2018
Asbestos Abatement Completed July 2018
Demolition 75% Complete August 2018
Demolition completed, stormwater/Utilities December 2018
installed and building renovations underway

Project Adjustment: Construction schedule adjusted for FDEP underground tank removal and monitoring well abandonment procedures.
PW-COS-17

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

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

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

Project Cost: Design: $116,846
Construction: TBD

Funding Sources: Beach Capital

Council Actions: Approval of TA for design on October 2, 2018

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

Project Status: Design task assignment issued October 2018
Topographic survey completed November 2018
PW-DTT-6

Site: Thornby Park Water Quality Improvement Project

Acquisition: N/A

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

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

Project Cost:

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<td>Amount</td>
<td>$109,375</td>
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Funding Sources: Once design is complete, we will apply for grant funding from the FDEP and SJRWMD. Matching funds to come from the Stormwater Utility.

Council Actions: 1. Task assignment approved for design on August 21, 2018

Construction Timeline: Start: 1st Qtr. – FY 19/20 (Dependent on Grant Funding)  
Finish: 3rd Qtr. – FY 19/20

Project Status: Design is underway
**PW-ENG-5061**

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

**Acquisition:**
ROW acquired

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

**Design Timeline:**
Finish: 3rd Qtr. - FY 18/19

**Project Cost:**
- Acquisition: $1,232,288
- Design: $512,820
- Construction: $9,800,000
- Total: $11,545,108

**Funding Sources:**
- Local Option Gas Tax: $6,332,546
- CBIR Grant – State grant: $2,800,000
- Bond Funding: $2,412,562
- Total: $11,545,108

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

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

**Project Status:**
Design completion pending FEC concurrence
SWERP issued/ACOE issued
FDOT District 5 Rail pursuing funds to support rail crossing improvements

**Project Adjustment:** N/A
PW-ENG-5240

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

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

Project Scope: 2 lane to 4 lane widening

Design Timeline:
   Start: 2nd Qtr. - FY 16/17
   Finish: 3rd Qtr. - FY 18/19

Project Cost:
   $ 2,279,526 Acquisition
   $ 970,474 Design
   $ 10,929,356 Construction
   $ 14,179,356 Total

Funding Sources:
   $ 5,200,000 Bond Funding
   $ 7,050,000 Pursuing grant funds
   $ 79,356 Proportionate Fair Share
   $ 1,850,000 Local Option Gas Tax
   $ 14,179,356 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

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

Project Status: Design ongoing

Project Adjustment: Updated Council Actions in included ROW purchase agreements
Site: Veterans Memorial Bridge - Bridge replacement in Daytona Beach

Acquisition: Completed

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

Design Timeline: Completed

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

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

Council Actions:
1. LAP Grant - Design May 19, 2011
2. LAP Grant – Construction May 7, 2016
3. Construction award February 18, 2016
4. LAP Grant – Construction Amended June 16, 2016

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

Project Status: Under Construction

Project Adjustment: Construction schedule adjusted based on contractor’s latest schedule.
PW-ENG-5395

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

Acquisition: ROW expected donation

Project Scope: 2-lane to 4-lanes

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

Project Cost:
$ 793,710 Design
$ 10,551,488 Construction
$ 11,342,198 Total

Funding Sources:
$ 3,365,000 Impact Fees
$ 219,488 Proportionate Fair Share
$ 2,093,710 Local Option Gas Tax
$ 5,667,000 Bond Funding
$ 11,342,198 Total

Council Actions:
1. Design Consultant Contract Approval November 16, 2017

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

Project Status:
Design ongoing
Public meeting - July 2018 at Victoria Gardens Country Club (Date TBD)

Project Adjustment: N/A
PW-ENG-5511-2

Site: Spring to Spring Phase 3A - Detroit Terrace to Donald E. Smith Blvd.

Acquisition: None

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

Design Timeline: Finish: 2nd Qtr. - FY 17/18

Project Cost: $1,260,229

Funding Sources:
- $108,864 LAP Grant – FDOT
- $1,151,365 SUN Trail Grant
- $1,260,229 Total

Council Actions:
1. LAP Grant Approval – Design 4/6/17
2. Construction Awarded 6/5/18

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

Project Status:
Construction complete
Duke Energy easement in hand

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

**Acquisition:** None

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

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

**Project Cost:** $2,963,296

**Funding Sources:**
- $163,296 LAP Grant – FDOT
- $2,800,000 SUN Trail Grant
- $2,963,296 Total

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

**Construction Timeline:**
- Start: 3rd Qtr. - FY 18/19
- Finish: 4th Qtr. - FY 19/20

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

**Project Adjustment:** Updated Council Actions and design status.
PW-ENG-5634

Site: Turnbull Bay Road Bridge Replacement over Turnbull Bay Tributary in New Smyrna Beach

Acquisition: Completed - Additional Right-of-Way was acquired in 2015

Project Scope: Replace existing failing 2-lane bridge with 2-lane bridge with shoulders

Design Timeline: Completed

Project Cost:

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Funding Sources:

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<td>Local Option Gas Tax</td>
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Council Actions:

1. LAP Grant - Design September 8, 2011
2. LAP Grant – ROW Acquisition September 22, 2011
3. Additional Funds Letter Request September 8, 2016
4. LAP Grant – Design Supplemental September 10, 2015
5. LAP Grant – Construction January 7, 2016
8. LAP Supplemental Agreement February 2, 2017

Construction Timeline:

Start: 1st Qtr. - FY 16/17
Finish: 1st Qtr. - FY 18/19

Project Status: Construction complete

Project Adjustment: Project Complete
PW-ENG-5712

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

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

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

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

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

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

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

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

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

Project Adjustment: Updated construction finish date based on contractor’s latest schedule factoring utility’s schedules.
PW-ENG-5766

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

Acquisition: No additional Right-of-Way required

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

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

Project Cost:
$209,124       Design
$1,142,182     Construction
$1,351,306     Total

Funding Sources:
$310,686       Local Option Gas Tax
$1,040,620     LAP Grant – FDOT
$1,351,306     Total

Council Actions:
1. LAP Grant – Construction      May 5, 2018
2. Construction Contract Award   September 18, 2018
3. CEI Contract Award           September 18, 2018

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

Project Status: Construction underway

Project Adjustment: Updated Construction schedule based on latest contractor’s schedule and utilities. Revised project status to reflect current status.
PW-ENG-5797

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

Acquisition: Completed

Project Scope: 2 lane to 4 lane widening

Design Timeline: Plans originally completed in FY 11/12.
Update of plans:
Start: 3rd Qtr. – FY 17/18
Finish: 1st Qtr. – FY 18/19

Project Cost:
- Design Update: $96,000
- Construction: $5,100,000
- Total: $5,196,000

Funding Sources:
- Local Option Gas Tax: $758,903
- Development Proportionate Fair Share – TTC – Phase I: $1,796,043
- Development Proportionate Fair Share – Tomoka Pointe: $546,471
- Development Proportionate Fair Share – Yeoman Honda: $133,019
- Florida Job Growth Grant – FDEO: $1,961,564
- Total: $5,196,000

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

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

Project Status: NA
PW-MSC-1

Site: Marine Science Center Renovation

Acquisition: None

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

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

Project Cost: $1,742,326

Funding Sources: $1,742,326 General Fund

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

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

Project Status:
Electrical to bid in January
ADA projects pending electrical bidding Roof NTP pending skylights - lead time of 12 to 14 weeks

Project Adjustment: Updated project status to reflect current status
PW-RB-1

Site: Public Works Northeast Services Facility

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

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

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

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

Project Cost: TBD

Funding Status: $ 15,000,000 Transportation Trust  
$ 2,000,000 Storm Water Assess  
$ 17,000,000 Total

Council Actions: 1. Land purchase approved by council 10/30/18  
2. $892,066 A/E contract awarded by council to AECOM on 11/13/18  
3. CMGC firm, AJAX Building Corporation, and $104,250 for Part A cost approved by council 11/13/18

Construction Timeline: Start: TBD  
Finish: TBD

Project Status: Land Acquisition is complete  
Kickoff meeting has been scheduled for 12/17/18

Project Adjustment: N/A
PW-SW-2

Site: Tomoka Farms Solid Waste Facility – Operations Center Building
Tomoka Farms Road Landfill - 1990 Tomoka Farms Rd., Port Orange

Acquisition: N/A

Project Scope: Hardened to serve as the SW FOC with technology upgrades
Potable water service (DAB)
Consolidates operational staff at the Tomoka landfill (Division's business center)
Operational staff training center
Administration and customer service center
Provides adequate facility needs for long term

Design Timeline: Complete

Project Cost:
$ 237,723  Design
$ 3,139,285  Construction
$ 3,377,008  Total

Funding Sources: $ 3,377,008  Solid Waste Funded

Council Actions:
1. Engineering & Design Approval January 22, 2015
2. Construction Approval April 6, 2017

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

Project Status:
Design 100% complete
Final site plan approved – December 02, 2015
Construction bid to be advertised – July 2016 – All bids rejected
Construction bid to be re-bid – December 2016
Due to increased construction costs and additional site work, the construction price has increased by $1,139,285.
Council approval – April 6, 2017
Construction notice to proceed – June 1, 2017
Construction 85% complete. Building complete and in use, site work remaining.
Construction 100% complete.

Project Adjustment: NA
PW-SW-4

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

Acquisition: N/A

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

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

Project Cost:
$ 37,000 Design
$ 300,000 Construction
$ 337,000 Total

Funding Sources $ 337,000 Solid Waste Funded

Council Actions: N/A

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

Project Status: Preparing task assignment for design

Project Adjustment: N/A
PW-SW-5

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

Acquisition: N/A

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

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

Project Cost:
$ 396,525 Design
$ 8,258,367 Estimated Construction Cost
$ 8,654,892 Total Estimated Project Cost

Funding Status: $ 8,654,892 Solid Waste Funded

Council Actions: Engineering Design Approval May 18, 2017

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

Project Status:
Design & Permitting 100% complete
Anticipate submitting the construction bid request end of September or by 1st week in October
Reviewing the received construction bids

Project Adjustment:
The construction cost increased by $2,258,367 due to increased cost to import soil and cost of liner material. The construction timeline was extended due to the bid process. Will proceed with award & staff and Design consultant will pursue opportunities to value engineer to reduce costs.
PW-TE-7

Site: Plymouth Avenue & Stone Street in Deland

Acquisition: N/A

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

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

Project Cost: $318,566

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

Council Actions: Approved FY 17/18 Budget

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

Project Status:
- Design NTP 11/16/17 (TA 19, PC-2304, NTP 10/16/17)
- Design Completed 4/2018
- Construction NTP 6/28/18, construction underway.
- Contractor has set poles, hung the span wire, disconnects and built power service
- Once power service has been energized, ADA curb work will begin the first full week of January.

Project Adjustment: NA
PW-TE-8

Site: Mason Avenue & Jimmy Ann in Daytona Beach

Acquisition: N/A

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

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

Project Cost: $ 483,978

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

Council Actions: Approved FY 17/18 Budget

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

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

Mast arms and poles are scheduled to ship mid-January according to schedule.
P&S will be working on concrete and roadwork, completion expected end of February.

Project Adjustment: NA
PW-TE-9

Site: Pioneer Trail & Enterprise Avenue in New Smyrna Beach

Acquisition: N/A

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

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

Project Cost: $330,737

Funding Sources:
- $30,737 Design - Local Option Gas Tax
- $300,000 Construction - Local Option Gas Tax
- $330,737 Total

Council Actions: Approved FY 18/19 Budget

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

Project Status: Design NTP 11/02/18 (TA 33, PC-2474)

Project Adjustment: NA
PW-TE-10

Site: Saxon Boulevard & Market Place in Orange City

Acquisition: N/A

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

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

Project Cost: $ 331,400

Funding Sources:  
$ 31,400 Design - Local Option Gas Tax  
$ 300,000 Construction - Local Option Gas Tax  
$ 331,400 Total

Council Actions: Approved FY 17/18 Budget

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

Project Status: Design NTP 11/19/18 (TA 34, PC-2479)

Project Adjustment: NA
PW-WRU-5

Site: Deltona North Water Treatment Plant Facility Upgrades

Acquisition: None Required

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

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

Project Cost: $1,962,715

Funding Sources: $1,962,715 Funded from WRU Budgeted/Appropriated Funds

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

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

Project Status:
Design 100% Complete
Bid closes 4th Qtr. FY 17/18
Pre-construction meeting held November 30, 2018

Project Adjustment: Bid closing extended for bid questions regarding electrical and spray aeration equipment specifications
PW-WRU-6

Site: Halifax Wastewater Treatment Facility Rehabilitation

Acquisition: None Required

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

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

Project Cost: $ 906,000

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

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

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

Project Status: Design 100% Complete  
Advertise for Bid 2nd Qtr. FY 17/18  
Construction Notice to Proceed, effective July 2, 2018  
Replacement equipment on order as scheduled

Project Adjustment: NA
PW-WRU-7

Site: Southwest Regional Biosolids Facility

Acquisition: N/A

Project Scope: The project calls for installation of a new biosolids dewatering and drying/solids reduction facility

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

Project Cost:
$200,000 Estimated Design
$2,300,000 Estimated Construction
$2,500,000 Total

Funding Sources: $2,500,000 Funded from WRU Budgeted Funds

Council Actions: N/A

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

Project Status: Study initiated to determine design - 4th Qtr. FY 17/18

Project Adjustment: N/A
PW-WRU-8

Site: Advanced Meter Infrastructure (AMI)

Acquisition: N/A

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

Design Timeline: N/A

Project Cost: $956,760

Funding Sources:
- $478,380 SJRWMD Cost Share funding
- $478,380 Funded from WRU Budgeted Funds
- $956,760 Total

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

Construction Timeline:
- Start: 1st Qtr. - FY 18/19
- Finish: 4th Qtr. - FY 18/19

Project Status: Installation of two-way communications equipment complete

Project Adjustment: N/A
**SO-5715**

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

**Acquisition:**
Existing County Property - Indian Lake Complex

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

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

**Project Cost:**
$ 13,500,000

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

**Council Actions:**
1. 10 year capital improvement plan approved by council 5/19/15

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

**Project Status:**
Construction is underway.

**Project Adjustment:**
NA
CAPITAL PROJECT SCHEDULE

FY 17/18 - FY 18/19
Completed Projects
(current quarter completed projects in main section)

Revised 12/26/18
CS-PRC-13

Site: City Island Playground (Rachel Robinson Play Yard)

Acquisition: Interlocal agreement

Project Scope: The project includes a playground, pavilions, picnic tables/benches, lighting, fencing and security cameras.

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

Project Cost: $7,400 Design
$391,920 Construction
$399,320 Total

Funding Sources: $399,320 Fund 104

Council Actions:
1. Approved by Council on December 15, 2016
2. Playground approved by Council on May 4th 2017

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

Project Status: Design 100% complete
Construction 100% complete
Playground selected using U.S. Communities bid
Other equipment using County Master Agreements
Opening May 5, 2018

Project Adjustment: N/A
DAB – AF/FAC-01

Site: DAB/Airside – Fire Station No. 17, 2316 Bellevue Ave., Daytona Beach

Acquisition: N/A

Project Scope: Construct Airfield Rescue and Firefighting Facility (ARFF) consisting of 13,786 sf. facility with 4-high bay vehicle bays; sleeping quarters, restroom/showers, training, storage, dispatch offices, civil improvements, landscaping, emergency generator and security boundary fencing.

Design Timeline: Start: 1st Qtr. FY 13/14
Finish: 2nd Qtr. FY 14/15

Project Cost: $490,757 Design
$6,190,053 Construction
$293,333 Other
$6,974,143 Total

Funding Sources: $5,900,000 FAA AIP Grant AIP071
$327,778 FDOT Grant FM431543
$746,365 Local Share
$6,974,143 Total

Council Actions:
1. Grant acceptance and approval of local match October 7, 2010
2. Request for additional funding January 19, 2012
3. TA approval for A/E Design/Bidding Services June 14, 2012
4. Request for additional funding October 18, 2012
5. Grant funding and local match approval April 4, 2013
6. Request for additional funding June 19, 2014
7. Request for additional funding July 17, 2014
8. Request for additional funding June 4, 2015
9. Request for additional funding July 2, 2015
11. TA for design temp ARFF & Bay Doors March 17, 2016
12. TA for A&E services March 17, 2016

Construction Timeline: Start: 2nd Qtr. – FY 14/15
Finish: 1st Qtr. – FY 17/18

Project Status: Substantial completion walkthrough scheduled for December 6, 2017. Expect beneficial occupancy (facility activation and move in) late December 2017.

Project Complete
DAB – AF/FAC-01 ARFF Project (Continued)

Existing ARFF. Constructed facility constructed in 1978 does not meet current design and FAA criteria.

View of ARFF entrance looking North from visitor parking lot.

Project Site Location
DAB – AF/PAV-02

Site: DAB/Airside - Taxiway Sierra Extension

Acquisition: N/A

Project Scope: Extend taxiway Sierra 650 ft. eastward to new ERAU Research Park West site; 26,000 sq. ft. ACC pavement; Taxiway edge lighting, civil/drainage landscaping; pavement markings and directional signage

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

Project Cost: $155,970 Design
$162,247 CA/RPR Services
$903 Printing
$5,400 Security CCTV relocation CA
$708,051 Construction
$1,032,571 Total

Funding Sources: $400,000 FDOT Grant FM438412
$632,571 Local Funding (ERAU)
$1,032,571 Total

Council Actions:
1. Grant acceptance and approval of local match June 4, 2015
2. TA for A&E services and Partnership agreement June 2, 2016
3. Request for additional funding November 14, 2016
4. TA for CA and RPR July 20, 2017
5. Construction contract July 20, 2017
6. Property Use Agreement July 20, 2017

Construction Timeline: Start: 2nd Qtr. – FY 16/17
Finish: 2nd Qtr. – FY 17/18

Project Status: All work Completed.
DAB – AF/PAV-02 (Continued)

View looking East towards ERAU Research Park. Taxiway extension location and finish grade established.

Cut and Fill materials from site are screened for trash with clean soils reinterred on site.

Aerial view of construction as of December 2018. Looking West towards ERAU. Taxiway Sierra is left of center with the new extension above (upper left corner).
DAB – TER-02

Site: DAB/Terminal - AHU Replacement

Acquisition: N/A

Project Scope: Replacement of the airports 22 air handler units (AHU) located in the terminal, air-side concourse, and UCF business incubator and all associated controls, piping and lagging.

Design Timeline:  
Start: 3rd Qtr. - FY 13/14  
Finish: 3rd Qtr. - FY 15/16

Project Cost:  
$ 113,100 Design  
$ 20,136 Pre-Construction CM  
$ 2,659,252 Construction  
$ 2,792,488 Total

Funding Sources:  
$ 800,000 FDOT Grant FM433516  
$ 800,000 Local Funding  
$ 596,244 FDOT supplement request (Pending Bid)  
$ 596,244 Local Funding  
$ 2,792,488 Total

Council Actions:  
1. Grant acceptance and approval of local match April 17, 2014  
2. Request for additional funding November 6, 2014  
3. Task Assignment for A/E Design Services August 7, 2014  
4. Request for additional funding March 3, 2016  
5. Selection of Contractor to provide CM/GC services August 18, 2016  
6. Award contractor for CM/GC services, Part A October 20, 2016  
7. Award Part B GMP May 18, 2017

Construction Timeline:  
Start: 3rd Qtr. - FY15/16  
Finish: 2nd Qtr. - FY17/18


Project Adjustment: N/A
DAB – TER-04

Site: DAB/Terminal – Restroom Renovations (Phase 3)

Acquisition: N/A

Project Scope: Restroom renovations to Airport Concourse and Terminal Restrooms. Phase III updates landside terminal restrooms at the first floor baggage claim area and second floor upper terminal concourse. A total of 4 restrooms will receive new lavatories and toilet fixtures, flooring, ADA compliance enhancements, accessories, lighting and wall treatments.

Design Timeline: Start: 4th Qtr. –FY15/16
Finish: 4th Qtr. –FY16/17

Project Cost: $ 375,000

Funding Sources: (Non Grant) Local Funding

Council Actions: N/A

Construction Timeline: Start: 4th Qtr.-FY16/17
Finish: 3rd Qtr.-FY17/18


Project Adjustment: N/A
OC-318-1

Site: Ocean Center – AHU Air Handler Replacement

Acquisition: N/A

Project Scope: Replace 9 air handler units, 8 exhaust fans, and integrate their new controls into the building automation system. Project also includes some misc. duct modifications.

Project Cost:
- $145,033 Design FY15/16
- $4,834,561 Construction FY16/17
- $4,979,594 Total

Funding Sources: $4,979,594 318 Ocean Center Capital Fund

Council Actions:
1. Selection of Contractor to provide CM/GC services August 18, 2016
2. Award contractor for CM/GC services, Part A October 20, 2016
3. Award construction contract, Part B February 16, 2017

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

Project Status: Completed on 8/29/18

Project Adjustment: NA
Site: Volusia County Branch Jail – Phase 1 Roof Replacement Project
1300 Red John Drive, Daytona Beach

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

Project Scope: Roof Replacement Project – Phase 1: The original roof of this 30-year old building has reached its useful life span. The roof was patched in 2008-2009, but has continued to deteriorate to the point that water intrusion is encountered with increasing frequency.

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

Project Cost: $ 1,756,143

Funding Sources: $ 1,756,143 General Fund

2. Construction Award September 8, 2016

Construction Timeline: Start: 1st Qtr. – FY 16/17
Finish: 1st Qtr. – FY 17/18

Project Status: Design for Phase I – 100% complete
Bid # 16-B-1241F, Phase 1 Roof Replacement VCBJ.
Award Vendor - Atlantic Roofing.
December 12, 2016, First Phase of Roof Replacement Project commences.
Project 100% complete as of December 11, 2017

Project Adjustment: N/A
PW-COS-1

Site: Volusia County Off-beach Parking - Hiles Blvd Lot – New Smyrna Beach

Acquisition: December 2014

Project Scope: Restroom, shower, bike rack facility
Perimeter landscaping
Additional handicapped parking spaces
Overflow lot parking capacity – approx. 75 spaces
W and N boundary fencing

Design Timeline:
Start: 1st Qtr. – FY 15/16
Finish: 2nd Qtr. – FY 16/17

Project Cost:
$ 539,702 (includes design cost)
$ 91,849 (change orders)
$ 631,551 Total

Funding Sources:
$ 302,925 2015 Council ECHO grant award
$ 328,626 Funded from Beach Capital
$ 631,551 Total

Council Actions:
1. Purchase Approval December 18, 2014
2. ECHO Grant Approval May 21, 2015
3. Const. contract awarded Sept. 2017

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

Project Status:
Design 100% complete
Variance approved – PLDRC April 12, 2016
County dev order received – May 31, 2016
NSB Utilities Commission development agreement approved February 27, 2017
Construction bid advertised – June 11, 2017
Construction contract awarded – Sept. 7, 2017
Construction NTP: October 30, 2017. Building permit submitted / under review
Gopher Tortoise Conservation issue identified and to be resolved – December 2017
Construction underway – 35% complete – March 2018
ECHO Grant reimbursement requested – June 2018
Restrooms Open – August 2018
Project Complete

Project Adjustment:
Additional money and time related to stormwater repairs and utility adjustments
PW-COS-3

Site: Smyrna Dunes Boardwalk

Acquisition: 1984

Project Scope: Boardwalk renovation and widening (5’ to 8’ for improved access) 
Improved ADA access to ocean, fishing pier and dog-friendly shoreline

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

Project Cost: $ 4,981,879 (includes design cost)

Funding Sources: $ 800,000 ECHO Grants
$ 4,181,879 Funded from Inlet District
$ 4,981,879 Total

Council Actions:
1. BLM Lease Approval March 19, 2015
2. ECHO Grant #1 Approval May 21, 2015
3. ECHO Grant #2 Approval May 19, 2016
4. Budget Resolution Approval April 21, 2016

Construction Timeline: Start: 4th Qtr. – FY 15/16 
Finish: 4th Qtr. – FY 17/18

Project Status:
RFP solicitation August 2016
RFP for Design/Build solicitation closed November 3, 2016
Recommendation of Award December 15, 2016
Design/Build Contract Kickoff January 7, 2017
Notice to Proceed January 9, 2017
City and State Permits Granted May 2, 2017 
Construction Kickoff June 2017
Phase I section opened to public August 2017
ECHO Phase 1 reimbursement request submitted – December 2017
Phase II section open to the public March 2018
Ribbon Cutting May 25, 2018
ECHO Phase II reimbursement request submitted – June 2018

Project Adjustment: N/A
PW-ENG-1180

Site: LPGA Blvd widening - Jimmy Ann Drive to Derbyshire Road in Daytona Beach/Holly Hill

Acquisition: Complete

Project Scope: 2-lane to 4-lane widening
Including Daytona Beach and Holly Hill utility improvements

Design Timeline: Completed

Project Cost: $3,944,280

Funding Sources:
- $751,949 TRIP Grant
- $212,788 CIGP Grant
- $2,209,495 Local Option Gas Tax
- $166,950 City of Holly Hill
- $603,098 City Daytona Beach
- $3,944,280 Total

Council Actions:
1. TRIP/CIGP Grant February 20, 2014
2. JPA w/ Holly Hill September 24, 2015
3. JPA w/ Daytona Beach September 24, 2015

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

Project Status: Project Complete

Project Adjustment: NA
Site: Spring to Spring (7B) Trail – Grand Ave, Lemon St. to King St in Glenwood

Acquisition: None

Project Scope: Add 5’ wide bike lanes and 5’ wide sidewalks to each side of road and resurface

Design Timeline: Completed

Project Cost: $1,861,785

Funding Sources:
- $1,474,281 Trail Fund
- $387,505 Local Option Gas Tax
- $1,861,785 Total

Council Actions:
1. Construction award March 16, 2017

Construction Timeline:
Start: 2nd Qtr. - FY 16/17
Finish: 2nd Qtr. - FY 17/18

Project Status: Completed
PW-ENG-5688

Site: East Coast Regional Rail Trail (Segment 5) - Brevard County Line to Cow Creek in Edgewater

Acquisition: Completed

Project Scope: 12’ wide multiuse trail with pedestrian bridges over water features

Design Timeline: Design-Build

Project Cost: $10,455,088

Funding Sources: $9,973,170 LAP Grant - FDOT  
$481,918 Trail Funding  
$10,455,088 Total

Council Actions: 1. LAP grant agreement April 2, 2015  
2. LAP supplemental agreement August 4, 2016  
3. Design–Build Contract Award August 4, 2016

Construction Timeline: Start: 4th Qtr. - FY 15/16  
Finish: 4th Qtr. - FY 17/18

Project Status: Project Complete

Project Adjustment: NA
PW-ENG-5689-2

Site: East Coast Regional Rail Trail (Segment 4B) - Gobbler’s Lodge Road to Maytown Spur Road in Osteen

Acquisition: Complete

Project Scope: 12’ wide multiuse trail with pedestrian bridges over water features

Design Timeline: Design-Build

Project Cost: $ 7,257,584

Funding Sources: $ 7,257,584 LAP Grant - FDOT

Council Actions: 1. LAP grant agreement April 2, 2015
2. LAP Supplemental Agreement August 4, 2016
3. Award and Design – Build Contract August 4, 2016

Construction Timeline: Start: 4th Qtr. - FY 15/16
Finish: 4th Qtr. - FY 17/18

Project Status: Project Complete

Project Adjustment: NA
PW-TE-1

Site: Pioneer Trail & Airport Road in New Smyrna Beach

Acquisition: N/A

Project Scope: New mast arm

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

Project Cost: $ 390,852

Funding Status: $ 390,852 Local Option Gas Tax

Council Actions:
1. Approved 16/17 Budget

Construction Timeline:
Start: 3rd Qtr. - FY 16/17
Finish: 1st Qtr. - FY 17/18

Project Status:
Design Completed December 2016
Completed and Accepted 10/30/2017

Project Adjustment: N/A
PW-TE-3

Site: Graves Ave & Kentucky Ave in Orange City

Acquisition: N/A

Project Scope: New 4-pole Signal

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

Project Cost: $176,600

Funding Sources: $176,600 Local Option Gas Tax

Council Actions: Approved FY 16/17 Budget

Construction Timeline:
Start: 4th Qtr. – FY 16/17
Finish: 4th Qtr. – FY 17/18

Project Status:
Design Completed June 2017.

Project Adjustment: Project completed.
PW-WRU-1

Site: Southwest Regional Advanced Wastewater Treatment Facility

Acquisition: None required

Project Scope: 1 MGD expansion to a total treatment capacity of 2.7 MGD
Advanced treatment technology upgrades
Removal of estimated additional 27,000 pounds of nitrogen per year

Design Timeline:
Start: 3rd Qtr. – FY 14/15
Finish: 1st Qtr. – FY 15/16

Project Cost:
$12,129,500

Funding Sources:
$7,527,500 2016 SJRWMD/FDEP cost share funding
$4,602,000 Funded from WRU Budgeted/Appropriated Funds
$12,129,500 Total

Council Actions:
1. Design/Permitting Services approval May 7, 2015
2. Cost Share Funding Agreement executed April 7, 2016
3. Construction/Budget Resolution approval April 7, 2016
4. Cost Share Funding Agreement Amendment December 8, 2016

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

Project Status: Construction Complete

Project Adjustment: NA
**PW-WRU-2**

**Site:** Normandy Blvd Reclaimed Water Main Extension

**Acquisition:** None required

**Project Scope:** Will extend reclaimed water service to commercial development proposed within the I-4 activity center east of I-4

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

**Project Cost:** $801,820

**Funding Sources:**
- $202,785 Estimated SJRWMD cost share funding
- $590,955 Funded from WRU Budgeted Funds
- $8,080 Change Order to upsize water main
- $801,820 Total

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

**Council Actions:**
1. Design for alternative water approved in FY 15/16 budget
2. SJRWMD cost share agreement executed October 20, 2016
3. Engineering design and permitting task assignment approved August 18, 2016
4. Approval of construction contract August 17, 2017

**Project Status:** Approved for cost share funding June 2016 by SJRWMD Governing Board Engineering design completed.
- Long Lead NTP 8/28/17, NTP 10/30/17
- Construction 100% complete

**Project Adjustment:** N/A
PW-WRU-3

Site: Deep Creek Aquifer Performance Test Wells

Acquisition: N/A

Project Scope: Construction of wells/aquifer performance testing will identify the ground water quality and sustainable ground water yield

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

Project Cost: $ 600,000

Funding Sources: 
- $ 200,000 Estimated FDEP cost share funding
- $ 400,000 Funded from WRU Budgeted Funds
- $ 600,000 Total

Council Actions:
1. FDEP cost share agreement executed November 3, 2016
2. Engineering design and permitting task assignment approved December 8, 2016
3. Construction contract approved January 4, 2018

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

Project Status: Construction 100% complete
Performance testing report received
FDEP grant closed out October 15, 2018

Project Adjustment: N/A