CAPITAL PROJECT SCHEDULE

Revised
April 17, 2018
### Master Capital Project Schedule

**April 2018 Update**

<table>
<thead>
<tr>
<th>Fiscal Quarters</th>
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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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**Phase Legend**

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

**Department Legend**

- BS = Business Services
- CS = Community Services
- DAB = Daytona Beach Intl Airport
- OC = Ocean Center
- PP = Public Protection
- PW = Public Works
- SO = Sheriff's Office
### MASTER CAPITAL PROJECT SCHEDULE

**SORTED BY PROJECT NUMBER (PID)**

<table>
<thead>
<tr>
<th>PID</th>
<th>Project Name</th>
<th>District</th>
<th>FY 15/16</th>
<th>FY 16/17</th>
<th>FY 17/18</th>
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<td><strong>Construction Funding</strong></td>
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<td><strong>Legend</strong></td>
<td>Land Acquisition</td>
<td>Design/Permitting</td>
<td>Bid &amp; Construction</td>
<td>Activity Overlap</td>
<td>Schedule Adjustment</td>
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<td><strong>Business Services</strong></td>
<td>BS-CES-1 New Court/Central Services Warehouse</td>
<td>4</td>
<td>5/19/2015</td>
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<td></td>
<td>BS-CES-2 New Elections Warehouse</td>
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<td>BS-IT-1 Countywide 800 MHz Radio System</td>
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<td><strong>Community Services</strong></td>
<td>CS-LIB-3 Hope Place Library Services Facility</td>
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<td>CS-PRC-1 Lemon Bluff Park</td>
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<td>CS-PRC-18 Highbridge Park</td>
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<td>DAB – AF/PAV-01 Taxiway November Rehabilitation</td>
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<td>DAB – AF/PAV-02 Taxiway Sierra Extension</td>
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<td>DAB – TER - 03 Terminal Parking Lot Improvements (Phase I)</td>
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<td>DAB - TER - 07 Terminal Renovation</td>
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<td><strong>Ocean Center</strong></td>
<td>OC-318-1 Current Arena AHU Replacement Project</td>
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<td>OC-318-2 Main Marque Replacement Project</td>
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<td>OC-318-7 Ocean Center Retrofit Arena Lighting to LED</td>
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<td>OC-318-8 Ocean Center Roof Repair</td>
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<td>OC-318-9 Ocean Center Retrofit Exhibit Hall Lighting to LED</td>
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<td>OC-475-2 Ocean Center Parking - Lighting</td>
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<td><strong>Public Protection</strong></td>
<td>PP-DOC-5 Branch Jail Roof Replacement Project -Phase 2</td>
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<td>PP-DOC-8 Volusia County Branch Jail/Correction Facility Network Infrastructure Upgrade</td>
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<td>PP-DOC-10 Volusia County Branch Jail/Correction Facility Operations Systems Upgrade</td>
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<td>PP-FR-1 Fire Station 36 Osteen Renovation</td>
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<td><strong>Public Works</strong></td>
<td>PW-COS-1 VC Off-beach Parking - Hiles Blvd. Lot - New Smyrna Beach</td>
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<td></td>
<td>PW-COS-3 Smyrna Dunes Boardwalk</td>
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<td>4/21/2016</td>
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<th>FY 18/19</th>
<th>FY 19/20</th>
<th>FY 20/21</th>
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<td>PW-COS-6</td>
<td>VC Off-beach Parking - 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>PW-ENG-1180</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-5511-2</td>
<td>Spring to Spring Phase 3A - Detroit Terrace to Donald E Smith Blvd</td>
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<td>PW-5511-3</td>
<td>Spring to Spring Phase 3B - Rob Sullivan Park to Dirksen Drive/US17-92</td>
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<td>Spring to Spring Trail - Grand Ave - Lemon to King</td>
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<td>Turnbull Bay Bridge Replacement</td>
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<td>ECRR Trail - Brevard Cty Line to Cow Creek</td>
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<td>PW-ENG-5689-2</td>
<td>ECRR Trail - Gobblers Lodge to Maytown Spur</td>
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<td>West Park Avenue 3-Lane Widening - Old Mission Rd to Massey Ranch Rd</td>
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<td>Doyle Road Paved Shoulders - Lush Ln to Courtland Blvd</td>
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<td>PW-SW-2</td>
<td>Tomoka Farms Southwest Facility - Operations Center Building</td>
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<td>Tomoka Farms Road Landfill - Class I Landfill Expansion</td>
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<td>PW-TE-3</td>
<td>Graves Ave &amp; Kentucky Ave - New 4 Pole Design</td>
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<td>Plymouth Avenue &amp; Stone Street - New Traffic Signal</td>
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<td>Mason Avenue &amp; Jimmy Ann - New Traffic Signal</td>
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<td>PW-WRU-1</td>
<td>SWR Advanced Wastewater Treatment</td>
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<td>Normandy Blvd Reclaimed Water Extension</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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<td>Southwest Regional Biosolids Facility</td>
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*New Projects are in Bold

** Large projects utilizing CMGC method will overlap Eng/Design with Construction
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). Site evaluation for feasibility will be performed by consultant.

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 September 7, 2017.  
CM/GC Part A (pre-construction) SOW & Fee on December 21, 2017.  
CM/GC Part B (Construction) GMP on TBD.

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

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 to be finalized by mid May 2018

Project Adjustment: Timeline adjusted to accommodate wetlands mitigation

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

Site: New Elections Warehouse

Acquisition: Site TBD

Acquisition Timeline: Start: 1st Qtr. - FY 16/17  
Finish: 4th Qtr. - FY 17/18

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

Project Cost: $ 5,900,000

Funding Sources: $ 5,900,000 Elections Warehouse (367-930-4180)  
(Originally Funded in the General Fund)

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

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

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

Project Adjustment: Timeline adjustment due to challenges finding suitable property

Demand exceeds building capacity at existing elections warehouse


**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 Implementation**
  - Start: 3rd Qtr. - FY 17/18
  - Finish: 4th Qtr. - FY 17/18

**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 2nd Qtr. FY 17/18
3. Microwave Vendor Award 4th Qtr. FY 17/18
4. 800 MHz P25 Radio System Award 4th Qtr. FY 17/18

**Construction Timeline:**

- Phase I – N/A
- Phase II
  - Start: 4th Qtr. - FY 17/18
  - Finish: 4th Qtr. - FY 19/20

**Project Status:**

- Phase I
  - Radio System consultant selected and contract finalization underway for approval by Council in January 2018.

**Project Adjustment:** N/A
Site: Hope Place Library Services Facility

Acquisition: Donation approved July 6th 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: 4th Qtr. - FY 17/18

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

Project Adjustment: Timeline adjusted to allow for additional improvements identified in the structural analysis.
**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:**
- Design: $150,000
- Construction: $990,000
- Total: $1,140,000

**Funding Sources:**
- 2016 Council ECHO grant award: $400,000
- Funded from FBIP: $740,000
- Total: $1,140,000

**Council Actions:**
1. Purchase Approval: December 20, 2012
3. ECHO Grant Approval: May 19, 2016

**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 to be held in May/June 2018

**Project Adjustment:** Timeline and Project Costs (increased $190,000) were adjusted due to the current market conditions and projected bid time.
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: $135,000 Design
$1,600,000 Construction
$1,735,000 Total

Funding Sources: $67,500 FIND (Design)
$117,889 FIND (Construction grant)
$400,000 ECHO 2016 grant award
$619,861 FBIP
$529,750 Park Impact Fees (Zone 4)
$1,735,000 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

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

Project Status: Design complete
FDEP & ACOE permits obtained September 2016
Awaiting exemption for dredging
County’s Site Plan Resubmittal – September 2017
Construction bid solicited: 2nd Qtr. FY17/18

Project Adjustment: Construction estimate increased by $540,500 to $1,600,000 due to current market conditions. Construction timeline adjusted based on anticipated contract award.
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 70% complete
- Playground selected using U.S. Communities bid
- Other equipment using County Master Agreements
- Opening scheduled for May 5, 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: 4th Qtr. – FY 17/18

Project Status: Design 100% complete

Project Adjustment: Construction completion adjustment based on project award  
Project cost decreased by $28,754 due to bid closing
DAB – AF/PAV-01

Site: DAB/Airside - Taxiway November Rehabilitation

Acquisition: N/A

Project Scope: Rehabilitation of taxiway areas and shoulders; modification of taxiway geometries and remediation of known incursion locations, new LED edge lighting, lighting controls; storm-water culvert repairs with replacement of existing subgrade drainage structures.

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

Project Cost:
$ 2,138,121 Design
$ 40,401,086 Construction (Schedules, B, C, D, and E)
$ 42,539,207 Total

Funding Sources:
Design:
$ 1,924,308 FAA AIP Grant funding AIP 074
$ 102,934 FDOT Grant funding FM 431539
$ 110,879 Local funding

Construction (Phase I - Schedule B Only – FY 17/18)
$ 7,966,314 FAA AIP Grant Funding AIP 076
$ 442,478 FDOT Grant Funding FM 431539
$ 442,668 Local Funding FY17/18

This project will be funded and executed in three (3) phases. The first phase of work entails award of Schedule B in FY17/18. The second phase of work will be the award of Schedule C (under current contract by change order) in FY18/19. Followed by Schedules D and E in FY’s FY19/20 and 20/21 respectfully. The estimated cost for each phase is $10,000,000 which aligns to planned AIP funding allocation from FY17 through FY20.

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 December 15, 2016
6. TA for Contract Award (Halifax Paving) approval December 7, 2017
7. TA for RPR/CA Support Services approval December 7, 2017
8. TA for Post Design (EOR) CA Services approval December 7, 2017
9. TA for Design package for Bid Schedules D and E approval April 3, 2018

Construction Timeline:
Phase I - Bid Schedule B
Start: 3rd Qtr. – FY 17/18
Finish: 1st Qtr. – FY 18/19

Phase II – Bid Schedule C
Start: 1st Qtr. – FY 18/19
Finish: 2nd Qtr. – FY 18/19

Project Adjustment: Schedule adjusted to reflect revised schedule based on Mid April 2018 NTP

Site: Taxiway November Rehabilitation – Construction Area Graphic

Overview of Project

Project consists of Four Phases.

Phase (1): [Bid Schedule B]: Scheduled for FY18 Execution: 238 Days Duration Cost: $8,400,000
Phase (2): [Bid Schedule C]: Scheduled for FY19 Execution: 225 Days Duration Cost: $10,300,000
Phase (3): [Bid Schedule D]: Scheduled for FY19/20 Execution: TBD
Phase (4): [Bid Schedule E]: Scheduled for FY21 Execution: TBD
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:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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<tr>
<td>Design</td>
<td>$155,970</td>
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<tr>
<td>CA/RPR Services</td>
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<tr>
<td>Printing</td>
<td>$903</td>
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<tr>
<td>Security CCTV relocation CA</td>
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<td>Construction</td>
<td>$708,051</td>
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<td>Total</td>
<td>$1,032,571</td>
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Funding Sources:

<table>
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<th>Item</th>
<th>Cost</th>
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<tbody>
<tr>
<td>FDOT Grant</td>
<td>$400,000</td>
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<tr>
<td>Local Funding (ERAU)</td>
<td>$632,571</td>
</tr>
<tr>
<td>Total</td>
<td>$1,032,571</td>
</tr>
</tbody>
</table>

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. Project in administrative closeout phase.

Project Adjustment: N/A
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-03

Site: DAB/Terminal - Parking Lot Improvements (Phase I)

Acquisition: N/A

Project Scope: Milling and overlay of parking and vehicular access pavements; new exterior parking lot LED lighting fixtures with automatic lighting controls; Way-finding directional signage rehabilitation; and new ticketing canopy structures.

Design Timeline: Start: 3rd Qtr. - FY 13/14
Finish: 4th Qtr. - FY17/18

Project Cost: $ 9,880 Sign Inspection
$ 198,232 Design
$ 4,616,090 Construction (Est.) (Cost represents Four (4) separate projects)
$ 4,824,202 Total

Funding Sources: $ 870,550 CFC Revenue
$ 1,525,000 FDOT Grant FM436051
$ 1,525,000 Local Funding

$ 451,826 FDOT supplement request (FY 20/21) (Pending Bid)
$ 451,826 Local Funding (FY 20/21)
$ 4,824,202 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

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

Project Status: RSQ for design services to complete design of parking paving, lighting, signage and ticketing canopies in process. Plan is to complete Paving Project (Phase 1) design, issue for solicitation and construction, 1st Qtr. FY19/20.

Project Adjustment: Schedule adjustment made to reflect change in design completion / methodology
DAB – TER-03 (Continued)
Site: DAB/Terminal - Parking Lot Improvements

Plan view of parking lot and roadway pavement areas

Project entails updating and replacement of the Airports overhead and ground mounted way-finding signage
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: Project Architect preparing design concepts

Project Adjustment: Construction schedule updated based on architect and CM/GC schedule.
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: 3rd Qtr. - FY 17/18

Project Status: All new equipment has been installed. New boilers were started up on 3/15/18. New controls programming has been installed. Replacement of chilled water pipe insulation is 50% complete.

Project Adjustment: N/A
**OC-318-2**

**Site:** Ocean Center – Main Marquee Replacement

**Acquisition:** N/A

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

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

**Project Cost:**
- $18,030 Design FY 15/16
- $440,660 Construction FY 17/18 (encumbered)
- $458,690 Total

**Funding Sources:**
- $458,690 318 Ocean Center Capital Fund

**Council Actions:**
1. Approved FY 15/16 CIP Budget
2. Approved FY 16/17 CIP Budget

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

**Project Status:** Schematic design has been completed and is being reviewed by Ocean Center Staff. Public meeting held on 3/23/17. Amendment to the Public Use Permit with the City of Daytona Beach is complete. Project was approved by the City of Daytona Beach City Council on 9/6/17.

**Project Adjustment:** N/A
OC-318-7

Site: Ocean Center – Retrofit Arena Lighting to LED

Acquisition: N/A

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

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

Project Cost: $500,000

Funding Sources: $500,000 318 Ocean Center Capital Fund

Council Action: Approved by County Council in FY 17/18 Budget

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

Project Status: All three lighting projects are being bundled together to realize savings due to the scale of the project.
RSQ for engineering design issued 2/4/2018
RSQ for engineering design closed 3/8/2018 with only one respondent.
Evaluation committee scheduled 4/2/2018

Project Adjustment: N/A
OC-318-8

Site: Ocean Center – Roof Repair

Acquisition: N/A

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

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

Project Cost:
$ 34,970 Engineering
$ 515,030 Construction
$ 550,000 Total

Funding Sources:
$ 550,000 318 Ocean Center Capital Fund

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

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

Project Status:
Construction Bid released 2/25/18, closing on 4/19/18.

Project Adjustment:
The construction timeline was adjusted due to the bid process.
<table>
<thead>
<tr>
<th><strong>OC-318-9</strong></th>
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<tbody>
<tr>
<td><strong>Site:</strong></td>
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<tr>
<td><strong>Acquisition:</strong></td>
</tr>
<tr>
<td><strong>Project Scope:</strong></td>
</tr>
</tbody>
</table>
| **Design Timeline:** | Start: 2nd Qtr. – FY 17/18  
Finish: 4th Qtr. – FY 17/18 |
| **Project Cost:** | $200,000 |
| **Funding Sources:** | $200,000  
318 Ocean Center Capital Fund |
| **Council Actions:** | Approved by County Council in the FY 17/18 Budget |
| **Construction Timeline:** | Start: 1st Qtr. – FY 18/19  
Finish: 4th Qtr. – FY 18/19 |
| **Project Status:** | All three lighting projects are being bundled together to realize savings due to the scale of the project.  
**RSQ for engineering design issued 2/4/2018**  
**RSQ for engineering design closed 3/8/2018 with only one respondent.**  
**Evaluation committee scheduled 4/2/2018** |
| **Project Adjustment:** | N/A |
OC-475-2

Site: Ocean Center Parking – Lighting

Acquisition: N/A

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

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

Project Cost: $40,000 Design
$360,000 Construction
$400,000 Total

Funding Sources: $400,000 475 Ocean Center Capital Fund

Council Action: Approved by County Council in the FY 17/18 Budget

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

Project Status: All three lighting projects are being bundled together to realize savings due to the scale of the project.
RSQ for engineering design issued 2/4/2018
RSQ for engineering design closed 3/8/2018 with only one respondent.
Evaluation committee scheduled 4/2/2018

Project Adjustment: N/A
PP-DOC-5

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

Council Actions:

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

Project Status:
Design for Phase II – 100% complete
Phase 2 Roof replacement Bid 17-B-143JD closing date September 28, 2017.
Phase 2 started, expected completion August 2018

Project Adjustment: N/A
Site: Volusia County Branch Jail–1300 Red John Drive, Daytona Beach and Volusia County Correctional Facility–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: $ 563,831

Funding Sources: $ 563,831 309-930-1200 Correctional Facilities Capital Projects

Council Actions:
1. Approval of FY 17/18 Budget- 4th Qtr. FY16/17
2. Award of contract for cabling services and equipment- 3rd Qtr. FY17/18

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

Project Status: Network detailed design and engineering underway. Equipment/wiring specifications being developed for release of bid 2nd Qtr. FY 17/18. Decisions on upcoming projects and upgrade changes identified at the facilities will be determined once engineering and design studies are completed.

Project Adjustment: N/A
Site: Volusia County Branch Jail–1300 Red John Drive, Daytona Beach and Volusia County Correctional Facility–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: 
Start: 2nd Qtr. – FY 17/18  
Finish: 1st Qtr. - FY 18/19

Project Cost: 
$ 450,000 Video Visitation System  
$1,500,000 Jail Management System  
$1,950,000 Total  
No cost to County, revenue sharing contract

Funding Sources: 
$ 450,000 123-520-3500-6300 Inmate Welfare Fund  
$1,500,000 Jail Management System FY 18/19 General Fund (tbd)  
$1,950,000 Total

Council Actions: 
1. Approval of FY 17/18 Budget  
2. Award of contracts for Video Visitation/Inmate Phone System - 3rd Qtr. FY 17/18  
3. Approval of FY 18/19 Budget – 4th Qtr. FY 17/18  
4. Award of contract for Jail Management System – 1st Qtr. FY 18/19

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

Inmate Phone System  
Start: 4th Qtr. – FY 17/18  
Finish: 1st Qtr. – FY 18/19

Jail Management System  
Start: 1st Qtr. – FY 18/19  
Finish: 4th Qtr. – FY 19/20

Project Status: The RFP closed on March 28th and is in the evaluation stage. This project is dependent upon the network infrastructure upgrade (PP-DOC-8), a competitive RFP solicitation, and implementation of three systems.

Project Adjustment: N/A
PP-FR –1

Site: Fire Station 36 –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 budgeted for Fire Station 36 renovation project

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

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

Project Status: Permitting process was delayed. Bid process starting.

Project Adjustment: The timeline adjustment was due to a delay in the permitting process.
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)

Funding Sources:
- $ 302,925  2015 Council ECHO grant award
- $ 236,777 Funded from Beach Capital
- $ 539,702 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

Project Adjustment: Project cost decreased by $255,962 to reflect actual construction cost.
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

Project Adjustment: N/A
PW-COS-5

Site: Volusia County Off-beach Parking – 1255 Oceanshore Blvd., Ormond-by-the-Sea

Acquisition: September 2014

Project Scope: 44 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)

Funding Sources: $474,976 Funded from Beach Capital

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

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

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

Project Adjustment: Project cost decreased by $317,314 to reflect actual construction bid cost.
PW-COS-6

Site: Volusia County Off-beach Parking – 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: 2nd 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: 3rd Qtr. – FY 17/18
Finish: 2nd Qtr. – FY 18/19

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

Project Adjustment: N/A
**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: 2nd Qtr. – FY 17/18
Finish: 4th Qtr. – FY 17/18

**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

**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 Dayton 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: Under Construction – Damaged traffic signal replaced and finishing paving

Project Adjustment: The timeline was adjusted due to the replacement of the damaged traffic signal and paving completion.
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: 4th Qtr. - FY 17/18

Project Cost:
- $1,232,288 Acquisition
- $473,493 Design
- $8,100,000 Construction
- $9,805,781 Total

Funding Sources:
- $3,950,000 Local Option Gas Tax
- $2,800,000 CBIR Grant – State grant
- $3,055,781 Bond Funding
- $9,805,781 Total

Council Actions:
1. CBIR state grant - Budget resolution expired –will need new budget resolution to award contract
2. Design awarded March 18, 2010
3. Amended design award April 7, 2011
4. Task Assignment Amendment September 10, 2015

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

Project Status: Design completion pending FEC concurrence
- SWERP issued/ACOE issued

Project Adjustment: The timeline was adjusted based on the continued coordination with FEC
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: $ 2,500,000 Acquisition
$ 750,000 Design
$ 10,850,000 Construction
$ 14,100,000 Total

Funding Sources: $ 5,200,000 Bond Funding
$ 8,900,000 Local Option Gas Tax
$ 14,100,000 Total


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

Project Status: Design ongoing

Project Adjustment: N/A
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: 1st Qtr. - FY 18/19

Project Status: Under Construction

Project Adjustment: N/A
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:
- $800,000 Design
- $10,332,000 Construction
- $11,132,000 Total

Funding Sources:
- $3,365,000 Impact Fees
- $2,100,000 Local Option Gas Tax
- $5,667,000 Bond Funding
- $11,132,000 Total


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

Project Status: Design ongoing

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

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

**Project Status:**
Design complete
Advertised for Construction
Duke Energy easement in hand

**Project Adjustment:** N/A
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: $1,260,229

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

Council Actions: 1. LAP Grant Approval – Design 4/6/17

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

Project Status: Conceptual Layout underway – 60%
Coordinating easements with Duke Energy, FPL, City and others

Project Adjustment: N/A
PW-ENG-5541-2

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: Project Complete

Project Adjustment: N/A
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:
- Acquisition: $467,000
- Design: $583,951
- Construction: $8,680,654
- Total: $9,731,605

Funding Sources:
- Local Option Gas Tax: $737,554
- LAP Grant - FDOT: $8,994,051
- Total: $9,731,605

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: 2nd Qtr. - FY 18/19

Project Status: Construction underway

Project Adjustment: N/A
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: 3rd Qtr. - FY 17/18

Project Status: Construction underway

Project Adjustment: N/A
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: 3rd Qtr. - FY 17/18

Project Status: Construction underway.

Project Adjustment: N/A
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  
$2,680,000 Construction  
$3,083,317 Total

Funding Sources: $3,083,317 Local Option Gas Tax


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

Project Status: Property owner has agreed to proposed ROW limits.  
Design plans completed  
Mitigation approved – Permit pending

Project Adjustment: N/A
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 Pending FDOT

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

Project Status: 100% Plans submitted to FDOT

Project Adjustment: N/A
PW-SW-2

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

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 65% complete

Project Adjustment:
Timeline adjusted due to a change order to increase contract time due to rain days & removal of non-performing sub contractor
PW-SW-5

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

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
$ 6,000,000 Estimated Construction Cost
$ 6,396,525 Total Estimated Project Cost

Funding Status: $ 6,396,525 Solid Waste Funded

Council Actions: Engineering Design Approval May 18, 2017

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

Project Status: Design & Permitting at 70% complete

Project Adjustment: Timeline was adjusted to allow for FDEP to review the design & construction permit request.
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: 3rd Qtr. - FY 17/18

Project Status: Design Completed June 2017.  
Construction Underway

Project Adjustment: Project cost decreased by $23,400 due to construction bid.
**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:** $331,257

**Funding Sources:**
- $31,257 Design - Local Option Gas Tax
- $300,000 Construction - Local Option Gas Tax
- $331,257 Total

**Council Actions:** Approved FY 17/18 Budget

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

**Project Status:** Design Notice to Proceed issued 11/16/2017
- Design Underway

**Project Adjustment:** Design costs adjusted per actual contract (Increase of $1,257)
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: $332,000

Funding Sources:
- $32,000 Design - Local Option Gas Tax
- $300,000 Construction - Local Option Gas Tax
- $332,000 Total

Council Actions: Approved FY 17/18 Budget

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

Project Status: Design Notice to Proceed issued 11/2/2017
Design Underway

Project Adjustment: Design costs adjusted to actual contract (Increase of $2,000)
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:**
Design 100% Complete
Notice to Proceed issued May 23, 2016, construction is on schedule
Substantial completion by 1st Qtr. FY 17/18 – Currently conducting final performance testing

**Project Adjustment:**
Schedule adjustment to reflect performance adjust testing.
**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:** $ 793,740

**Funding Sources:**
- $ 202,785  Estimated SJRWMD cost share funding
- $ 590,955  Funded from WRU Budgeted Funds
- **$ 793,740**  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.
Notice to Proceed August 28 2017
**Construction 60% complete**

**Project Adjustment:** N/A

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**Map Diagram:**
- Proposed 4,700 LF 12" reclaimed water main
- Existing reclaimed water main
- Normandy Blvd
- Howland Blvd
- Catalina Blvd
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: 3rd Qtr. – FY 17/18

Project Status: Construction 50% complete

Project Adjustment: N/A
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 site modifications including a new access drive, parking, fencing and security upgrades.

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

Project Cost: $2,000,000 Estimated Construction

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

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

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

Project Status: Design 100% Complete
Advertise for Bid during 3rd Qtr. FY 17/18

Project Adjustment: N/A
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
Bid award 3rd Qtr. FY 17/18

Project Adjustment: Project cost increased $281,000 due to the construction bid
**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: 3rd Qtr. - FY 17/18
- Finish: 2nd Qtr. - FY 18/19

**Project Cost:**

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<th>Description</th>
<th>Amount</th>
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<td>Estimated Construction</td>
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<td><strong>Total</strong></td>
<td><strong>$2,500,000</strong></td>
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</tbody>
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**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:** Commence design 3rd Qtr. FY 17/18

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

**Site:** New Sheriff’s Evidence Storage Building & Forensics Lab - 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 and processing of crime scene 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
- Total $13,500,000

**Council Actions:**
1. 10 year capital improvement plan approved by council 5/19/15
2. $1,064,500 A/E Consult Contract approved by council 4/7/16
3. $113,863 CM/GC Part A Contract approved by council 2/4/16
4. $11,794,504 CM/GC Part B GMP approved by Council 2/6/18

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

**Project Status:** Construction is underway.

**Project Adjustment:** Timeline updated based on the contractor’s actual schedule.
CAPITAL PROJECT SCHEDULE

Completed Projects

Revised
April 17, 2018
CS-VOT-1

Site:  Votran: Julia Street Super Stop Intermodal Transfer Facility - Julia Street, New Smyrna Beach

Acquisition:  Existing County Property

Project Scope:  New Votran intermodal transfer facility. Facility to be ADA compliant. Site features to include ADA shelters, bike racks, site lighting, landscape and ADA sidewalk connections.

Design Timeline:  Start: 4th Qtr. – FY 13/14  
Finish: 2nd Qtr. - FY 15/16

Project Cost:  $ 319,273

Funding Sources:  $ 319,273  FTA Grant

Council Actions:  $ 319,273  Construction Contract approved by council 4/7/16

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

Project Status:  Complete as of September 6, 2016

Votran: Julia Street Super Stop Intermodal Transfer Facility site plan view
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

Project Adjustment: N/A
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.
DAB – AF/FAC - 02

Site: DAB/Airside - Relocate Automotive Fuel Farm Facility

Acquisition: N/A

Project Scope: Fueling facility consisting of two (2) 2,000-gallon above-ground fuel storage tanks, with integral fueling “self-serve” dispensing system capability at a new airport fuel site location. Site civil and underground utilities, concrete curbing and slab and pavements, above ground fuel storage and fueling dispensing system.

Design Timeline: Start: 7/9/2014 Finish: Completed

Project Cost: $15,790 Design $262,414 Construction $278,204 Total

Funding Sources: $129,080 FDOT Grant FM436052 $149,124 Local Funding

Council Actions: (1) Grant acceptance and approval of local match 04/17/14 (2) Request for additional funding 11/06/14 (3) Request for additional funding 02/18/16 (4) Request for additional funding 03/03/16 (5) Construction Contract approval 03/03/16

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

Project Status: Project Complete – 1/9/17
DAB – TER-01

Site: DAB/Terminal - Roof and Canopy Rehabilitation (Phase 4)

Acquisition: N/A

Project Scope: Installation of new single-ply roofing over Terminal entrance canopy; fascia repairs, surface preparation and painting of underside canopy structural steel decking

Design Timeline: Start: 3rd Qtr. FY 13/14  
Finish: 4th Qtr. FY 15/16

Project Cost:  
- $ 19,039 C/A & Design  
- $ 435,441 Construction  
- $ 454,480 Total

Funding Sources:  
- $ 61,322 FDOT Grant funding  
- $ 61,322 Local funding  
- $ 165,918 FDOT Supplemental request  
- $ 165,918 Local funding  
- $ 454,480 Total

Council Actions:  
1. Grant acceptance and approval of local match April 17, 2014  
2. Request for additional funding November 6, 2014  
3. Request for additional funding December 17, 2015  

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

Project Status: Project Complete

Project Adjustment: N/A
PP-DOC-4

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

Council Actions:
1. Council Approval Requested October 1, 2015
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-124IF, 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-2

Site: Smyrna Dunes Park Fishing Pier

Acquisition: N/A

Project Scope: 350' long pier, 10' wide, composite decking and handrail cap
ADA access ramp and handrails
Hurricane Matthew upland access ramp section design/repair

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

Project Cost:
$ 646,308

Funding Sources:
$ 119,475 Florida Inland Navigation District (FIND) Grant
$ 507,607 Inlet District
$ 19,226 Hurricane Matthew
$ 646,308 Total

Council Actions:
1. BLM Lease Approval March 19, 2015
2. FIND Grant Approval December 3, 2015
4. Council financing approval April 21, 2016

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

Project Status:
Construction bid solicited: June 2016
Council Approved: September 8, 2016
Notice to Proceed November 14, 2016
Grand Opening Memorial Day Weekend 2017

Project Adjustment: Schedule adjustment due to project completed ahead of schedule
PW-COS-4

Site: Volusia County Off-beach Parking - University Blvd. Lot – Daytona Beach

Acquisition: May 2015

Project Scope: 100 parking spaces, ADA beach access ramp, showers, bike racks
15' wide stamped concrete beachfront boardwalk
Landscaping

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

Project Cost: $ 900,885 (includes design cost)

Funding Sources:
$ 325,000 General Fund
$ 449,535 Inlet District
$ 126,350 Beach Capital
$ 900,885 Total

Council Actions:
1. Purchase Approval May 7, 2015
2. Design Task Approval September 10, 2015
3. Const. Funding Approved June 2, 2016

Construction Timeline: Start: 1st Qtr. – FY 16/17
Finish: 3rd Qtr. – FY 16/17
Must be completed by May 7, 2017

Project Status:
Design 100% complete
CCCL Permit Approved October 17, 2016
Construction bid closes July 29, 2016
Construction Notice to Proceed November 1, 2016
Complete - Grand Opening April 2017

Project Adjustment:
Project Cost adjusted to reflect actual project costs.
Funding Sources adjusted to reflect actual project cost-share.
Project Status adjusted to reflect completion ahead of schedule.
PW-ENG-4740-3

Site: Williamson Blvd extension - Airport Road to Pioneer Trail in Port Orange

Acquisition: Completed

Project Scope: Construct new 4-lanes and widen short section of existing road

Design Timeline: Completed

Project Cost: $15,800,000

Funding Sources:
- $5,500,000 TRIP grant - FDOT
- $9,800,000 Local Option Gas Tax
- $500,000 City of Port Orange (Mitigation Credits)
- $15,800,000 Total

Council Actions:
- Agreement with PCDD May 18, 2006
- Amended & restated agreement w/ PCDD February 9, 2012
- TRIP grant April 16, 2015
- Amendment to Agreement August 20, 2015

Construction Timeline:
- Start: 4th Qtr. - FY 14/15
- Finish: 1st Qtr. - FY 16/17

Project Status: Completed – Road open to traffic; landscaping to be installed later
PW-ENG-4992

Site: S. Atlantic Ave Sidewalk & Drainage Improvements - Major St. to Marcelle Av. in Wilbur by the Sea

Acquisition: Completed

Project Scope: Construct 6’ – 8’ sidewalk, stormwater exfiltration system, curbing, inlets, cross drains, paving 4 existing shell roadside parking lots city utility improvements. Includes paving of drive aisles at Toronita Parking lot.

Design Timeline: Completed

Project Cost: $2,880,446

Funding Sources:
- $1,040,135 ECHO Grant
- $285,608 Local Option Gas Tax
- $400,000 Stormwater
- $258,425 Beach
- $203,125 General Fund - Capital
- $693,153 City of Port Orange
- $2,880,446 Total

Council Actions:
- Construction Award August 6, 2015
- Construction change order-Toronita Parking Lot paving April 21, 2016

Construction Timeline:
- Start: 1st Qtr. - FY 15/16
- Finish: 1st Qtr. - FY 16/17

Project Status: Completed
PW-ENG-5239

Site: Howland Blvd widening - Courtland Blvd to SR415 in Deltona

Acquisition: Completed

Project Scope: 2-lane to 4-lane widening including stormwater and city utility improvements

Design Timeline: Completed

Project Cost:
- $517,952 Acquisition
- $1,131,698 Design
- $11,246,699 Construction
- $12,896,349 Total

Funding Sources:
- $4,869,873 TRIP grant - FDOT
- $3,225,835 Bond Funding
- $1,644,039 In-Kind
- $3,156,602 City of Deltona
- $12,896,349 Total

Council Actions:
- State funding approval: April 18, 2013
- JPA w/ Deltona: October 10, 2013
- Construction award: November 6, 2014
- Construction CO – City Utility: July 2, 2015
- Construction CO – City Utility: November 3, 2016

Construction Timeline:
- Start: 2nd Qtr. - FY 14/15
- Finish: 1st Qtr. - FY 16/17

Project Status: Complete
PW-ENG-5617

Site: Plymouth Ave Sidewalk from 15A to Citrus Grove Elementary School in DeLand

Acquisition: 5 parcels acquired

Project Scope: Construct 5’ wide concrete sidewalk

Design Timeline: Completed

Project Cost: $49,000

Funding Sources: $49,000 Local Option Gas Tax

Council Actions: County-wide Sidewalks approval September 24, 2015

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

Project Status: Complete
PW-ENG-5684

Site: Doyle Rd Paved Shoulders - Courtland to SR415 in Deltona

Acquisition: Complete

Project Scope: Add 5’ wide paved shoulders and resurfacing

Design Timeline: Completed

Project Cost: $1,322,679

Funding Sources:
- $1,150,155 LAP grant – FDOT
- $172,524 Local Option Gas Tax
- $1,322,679 Total

Council Actions:
- LAP grant February 19, 2015
- Construction award July 2, 2015

Construction Timeline:
- Start: 2nd Qtr. - FY 15/16
- Finish: 4th Qtr. - FY 15/16

Project Status: Complete
FY 16/17 Q4 Update  Project Complete

PW-ENG-5744

Site: Doyle Road Paved Shoulders - Providence Blvd. to Saxon Blvd. in Deltona

Acquisition: No additional Right-of-Way required

Project Scope: Widen lanes to 12’ wide, add 5’ wide paved shoulders and replace 3 cross culverts

Design Timeline: Completed – In-house Design by County Staff

Project Cost:

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<th>Description</th>
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Funding Sources:

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Council Actions:

1. LAP Grant May 19, 2016
2. LAP Supplemental Agreement December 8, 2016
3. Construction Award December 8, 2016

Construction Timeline:

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

Project Status: Project is complete

Project Adjustment: N/A
PW-ENG-5768

Site: Adeline Ave Sidewalk- Park Ave to University High School in Orange City

Acquisition: None

Project Scope: Construct 5’ sidewalk on north side of right-of-way

Design Timeline: Completed - In-house Design by County Staff

Project Cost: $ 49,000

Funding Sources: $ 49,000 Local Option Gas Tax

Council Actions: 1. County-wide sidewalks approval September 24, 2015

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

Project Status: Construction to begin pending completion of City of Orange City Water Main installation within Adeline Ave ROW

Project Adjustment: Project Complete
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-4

Site: Strickland Range Rd & Clyde Morris Blvd in Daytona Beach

Acquisition: N/A

Project Scope: Upgrade to mast arm

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

Project Cost: $ 304,000

Funding Sources: $ 304,000 Local Option Gas Tax

Council Actions: 1. Approved 15/16 Budget

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

Project Status: Notice to Proceed issued July 2016
Project complete – Signal turned on March 20, 2017

Project Adjustment: N/A
PW-TE-5

Site: Blue Lake Ave & Taylor Rd in Deland

Acquisition: N/A

Project Scope: New Traffic Signal

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

Project Cost: $199,000

Funding Sources: $199,000 Local Option Gas Tax

Council Actions: Approved 15/16 Budget

Construction Timeline: Start: 3rd Qtr. - FY 15/16
Finish: 1st Qtr. - FY 16/17

Project Status: Project complete – Signal turned on 11/7/2016
PW-TE-6

Site: Plymouth Ave & Amelia Av in Deland

Acquisition: N/A

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

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

Project Cost: $260,407

Funding Sources:
$260,407 Local Option Gas Tax

Council Actions:
1. Approved FY 15/16 Budget

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

Project Status:
Design Completed
Completed and Accepted 9/7/2017

Project Adjustment:
Timeline adjusted due to early completion