



DESIGN/CONSTRUCTION INDUSTRY FORUM

Hamid Tabassian, PE, DBIA
County Engineer

May 8, 2024



ENGINEERING STRATEGIC PLAN

Mission: Our mission is to expeditiously deliver the most effective, efficient, sustainable, and innovative infrastructure projects that meet the highest standards of safety and quality while enhancing the quality of life of Flagler County's citizens.

Values: Our values are reflective of our commitment to public service, which is articulated in how we carry out our mission, our approach to our work and personal responsibilities, and the way we treat our colleagues, partners, and the public.



ENGINEERING ORGANIZATIONAL CHART

Board of County Commissioners

**County Administrator
&
Deputy County Administrator**

**Engineering / Public Works Department
County Engineer
Hamid Tabassian, PE, DBIA**

**Contracts Grants Coordinator
Amanda Raslowsky**

**Program Controller
Lauren Cumber**

**Coastal Engineering Administrator
P. Ansley Wren-Key, PhD**

**Assistant County Engineer
Richard Zion, PE, PG**

**Road & Bridge Manager
Ryan Prevatt**

**Project Manger
Weldon Spurling, II, MD, MBA, PE**

**Project Manager
Amy Stroger, LEED AP**



ENGINEERING WORK PROGRAM

Road & Bridge
Program

Sidewalk & Trail
Program

Vertical
CIP
Program

Stormwater
Master
Plan
Program

Beach
Management
Plan
Program



ENGINEERING WORK PROGRAM

Current Active Design Projects

Road & Bridge
Program

- 1 Armand Beach Drive (Various Roadways) (Design Completed)
- 2 East Daytona North Phase II (Various Projects) (Design Completed)
- 3 East Daytona North Phase I (Various Projects) (Design Completed)
- 4 CR 305 / CR 302 Intersection Safety Improvements (Design FY 23/24)
- 5 CR 302 (Canal) (Coconut to Forest Park Street) (Design FY 23/24)
- 6 Walnut Avenue (Water Oak Road to Forest Park Street) (Design FY 23/24)
- 7 Westmayer Place Paving (End of the road to SR A1A) (Design FY 23/24)
- 8 Forest Park Street / CR 35 (CR 90 to SR 100) (Design FY 24/25)
 - Design RSQ expected to be issued in 3rd Q of 2024
- 9 Jungle Hut Road (SR A1A to Beach Access Point) (Design FY 24/25)
 - CSC Design Work Authorization expected in 3rd Q of 2024



ENGINEERING WORK PROGRAM

Road & Bridge
Program

Current Active Construction Projects

- 1 Water Oak (CR 2006 – Mahogany Blvd) (Construction Completed)
- 2 Marineland Acres (8 Roads) (Construction Completed)
- 3 Seascape Resurfacing (Construction Completed)
- 4 Apache Drive, Osceola Avenue, 1st Avenue (Construction Completed)
- 5 CR 90 (Hickory Street to CR 305) (Construction Completed)
- 6 CR 90 (CR 305 to CR 75) (Construction FY 23/24)
- 7 CR 305 / CR 302 Intersection Safety Improvements (Construction FY 23/24)
- 8 Old Haw Creek Road (CR 304 to SR 11) (Construction FY 23/24)
- 9 Commerce Parkway (US-1 to SR 100) (Construction FY 23/24)
- 10 CR 205 (SR 100 to private dirt road) (Construction FY 24/25)
 - Construction ITB expected to be issued in 4th Q of 2024
 - CSC CEI Work Authorization expected in 3rd Q of 2024
- 11 CR 304 Resurfacing (CR 305 to SR 11) (Construction FY 25/26)
- 12 Rima Ridge Resurfacing (various roads) (Construction FY 26/27)
- 13 Armand Beach Drive Resurfacing (various roads) (Construction FY 27/28)
- 14 East Daytona North Paving - Phase 1 (various roads) (Construction FY 27/28)



ENGINEERING WORK PROGRAM

Unfunded Priority Projects

Road & Bridge Program

- 1 CR 304 Bridge Replacement - Canal Box Culvert (Construction)
- 2 CR 304 Bridge Replacement - Sweet Water Creek (Construction)
- 3 CR 304 Bridge Replacement - Middle Haw Creek (Construction)
- 4 CR 304 Bridge Replacement - Parker Canal (Construction)
- 5 CR 304 Resurfacing Segment 2 (SR 11 to US1) (Construction)
- 6 CR 305 Resurfacing from CR 304 to County Line (Design and Construction)
- 7 Roberts Road Resurfacing from SR 100 to Colbert Ln (Design and Construction)
- 8 John Anderson Hwy Collector Roads Resurfacing - (Design and Construction)
- 9 Jungle Hut Road Resurfacing from SR A1A to End (Construction)
- 10 Old Kings Road South 4-Laning from SR 100 to CL (Design and Construction)
- 11 Old Kings Road North I-95 Overpass (Design and Construction)
- 12 Canal Ave Paving from Water Oak Road to Coconut (Design and Construction)
- 13 Sawgrass Road Resurfacing from CR 13 to End (Design and Construction)
- 14 CR 302 (Canal) Paving from Forest Park Street to Coconut Blvd (Construction)



ENGINEERING WORK PROGRAM

Unfunded Priority Projects

Road & Bridge Program

- 15 Colbert 4-Laning from SR 100 to PC Pkwy NE (Design & Construction)
- 16 Otis Stone Hunter Road Paving (CR 13 to US1) (Construction)
- 17 Hargrove Grade Road (Otis Stone Hunter Road to US-1) (Construction)
- 18 Forest Park Street and CR 35 Paving from SR 100 to End (Construction)
- 19 East Daytona North Roadways Resurfacing (Design and Construction)
- 20 Walnut Ave Paving from Forest Park to Water Oak (Construction)
- 21 East Daytona N Roads Paving (multi-phase) (Design & Construction)
- 22 West Daytona N Roads Paving (multi-phase) (Design & Construction)
- 23 West Flagler County Roads Paving (multi-phase) (Design & Construction)
- 24 Washington & Lake Shore Paving from CL to End (Design & Construction)
- 25 Various Roads Paving - CRs 110, 140, 200 & 335 (Design & Construction)
- 26 St. Mary's Place – Old Dixie Hwy to End of Road (Design & Construction)
- 27 Durrance Lane Paving (Design & Construction)
- 28 Westmayer Place Paving (Construction)



ENGINEERING WORK PROGRAM

Current Active Design / Construction Projects

Sidewalk & Trail Program

1. GST & Ped Bridge (Lehigh Trail to SR 100) (Construction Completed)
2. Bulow Creek Headwaters Regional Park (Planning & Design) (FY 23/24)
3. US-1 Trailhead for Lehigh Trail (Design FY 24/25)
 - FDOT D5 CSC Work Authorization expected in 4th Q of 2024
4. Old Kings Road Trail (SR 100 to CL) (Design FY 24/25)
 - FDOT D5 CSC Work Authorization expected in 4th Q of 2024
5. US-1 Trailhead for Lehigh Trail (Construction FY 27/28)
6. Old Kings Road Trail (SR 100 to CL) (Construction FY 27/28)



ENGINEERING WORK PROGRAM

Sidewalk & Trail Program

Unfunded Priority Projects

1. Bulow Creek Headwaters Regional Park (Construction)
2. Revitalization of Historic Old Brick Rd for Multi-Use Trail (Design & Construction)
3. Old Kings Rd N Multi-Use Trail, Matanzas Woods to US-1 (Design & Construction)
4. US-1 Trail - Royal Palms to Palm Coast Parkway (Design & Construction)
5. Lehigh Trail US-1 Multi-Use Trail & Pedestrian Bridge (Design & Construction)
6. Pedestrian / Multi-use Bridge over US-1 (Design & Construction)
7. John Anderson Highway Multi-Use Trail, SR 100 to CL (Design & Construction)



ENGINEERING WORK PROGRAM

Vertical
CIP
Program

Current Active Projects

- The Flagler County Nexus Center
 - 22,000 SF Library and H&H Services / \$16M Budget
 - CMAR, Ajax currently bidding the work
- Flagler County Fire Station 51 & 62
 - Station 51: 9,000 SF / \$7.5M Budget – Station 62: 12,000 SF / \$12.4 M Budget
 - CMAR RSQ expected to be issued in 3rd Q of 2024
- SMA Healthcare Project
 - 10,000 SF / 20-bed ISU / \$10M Budget
 - CMAR RSQ expected to be issued in 3rd Q of 2024
- Flagler County Eco-Discovery Center
 - 10,000 SF
 - 2-Phase Design-Build RSQ expected to be issued in 4th Q of 2024



ENGINEERING WORK PROGRAM

Stormwater
Master
Plan
Program

Stormwater Master Plan Program (SMP)

Stormwater CIP Program Implementation

- Design and Construction of the following top five (5) SMP CIP projects;
 - Rima Ridge (CIP Priorities 1-3);
 - Malacompra Canal Restoration and Resiliency (CIP Priority 4); and
 - Old Haw Creek Road (CIP Priority 5).
- RSQ related to professional services for design of the above drainage improvement projects to be issued in June 2024.



ENGINEERING WORK PROGRAM

Beach
Management
Plan
Program

Beach Management Plan (BMP)

Current Active Projects

- USACE CSRMM & Flagler County non-federal Beach Restoration Project in Flagler Beach (Reach 1)
- Permitting & Design of Flagler County Beach Restoration Project in Northern Flagler Beach, Beverly Beach & Painters Hill (Reach 2)
 - Construction of Reach 2 expected in 4th Q of 2024 or 1st Q of 2025
- Permitting & Design of Flagler County Dune/Beach Restoration Project from Hammock Dune/Beach to Matanzas Shores (Reach 3)
 - RSQ related to professional services for permitting and design of Reach 3 project to be issued in 3rd Q of 2024.



ENGINEERING WORK PROGRAM



Reach 3: Beach Nourishment Project
Full EA Study Anticipated in 2025
Implementation Expected in 2027 Subject to
Funding Availability & JCP
for Dredging with Stockpile

Reach 2: Flagler County Beach Nourishment
Project
Permit Mod Currently Underway
Implementation Anticipated in 2025
By Dredging

Reach 1: Flagler Beach CSRM Project
The USACE federal and
Flagler County non-federal
Implementation Anticipated in 2024
By Dredging

FDOT Secant Wall



10 mi



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General Engineering Consultant (GEC)

Non-Exclusive General Potential Scope of Services

- Engineering Design Support Services
- Environmental & Related Services
- Facilities and Public Works Support Services
- Computer Aided Design and Drafting (CADD) and Presentation Support Services
- Pre-Design and Pre-Construction and Selection Support Services
- Construction Management and Construction Engineering & Inspection (CEI) Services
- Coastal & Marine Engineering Services
- Right-of-Way & Real Estate Support Services
- Geotechnical Services
- Miscellaneous Services

➤ **RSQ for the above services expected to be issued in 3rd Q of 2024.**



ENGINEERING WORK PROGRAM

Summary of Upcoming Opportunities

- RSQ Design of Forest Park Street: 3rd Q of 24
- Flagler County CSC Design WA for Jungle Hunt Road: 3rd Q of 24
- ITB Construction of CR 205: 4th Q of 24
- Flagler County CSC CEI Work Authorization for CR 205: 3rd Q of 2024
- D5 CSC Design WA for Lehigh Trailhead: 4th Q of 24
- D5 CSC Design WA for OKR Trail: 4th Q of 24
- RSQ CMAR for Fire Stations 51 & 62 Projects: 3rd Q of 24
- RSQ CMAR for SMA Healthcare Project: 3rd Q of 24
- RSQ 2-Phase D-B Services for Eco-Discovery Center: 4th Q of 24
- RSQ Design of SMP CIP Projects: 3rd Q of 2024
- ITB Implementation of Beach Nourishment (Reach 1B): 3rd Q of 24
- RSQ Permitting & Design of Beach Nourishment (Reach 3): 3rd Q of 24
- RSQ GEC Services: 3rd Q of 24



THANK YOU
Questions?

Learn more at: <https://www.flaglercounty.gov/>

**Engineering Department Webpage
&
Transparency Dashboards**