



# ENGINEERING QUARTERLY REPORT

Q1 JAN - MAR 2025

Walton County Building Department

## WELCOME TO ENGINEERING

The Engineering Department serves Walton County through several functions: Traffic Operations, Right of Way Permitting, Public Roadway Drainage Improvements, Utilities, Capital Projects, Surveying, Planning Development Reviews and Project Management.

### Traffic Operations

The traffic division operates and maintains over 48 traffic control devices including signalized intersections and emergency signals.

### Right of Way Permitting

Staff reviews permit applications for opening of unimproved right of ways, driveway connections, right-of-way use and right-of-way utility placement.

### Public Roadway Drainage Improvements

The Public Works Department is responsible for the operation and maintenance of all stormwater systems that serve County maintained infrastructure. This jurisdiction is in unincorporated areas and locations where Stormwater Infrastructure is dedicated to the public and accepted for maintenance by the Board of County Commissioners. Other Stormwater Infrastructure within the County may be the responsibility of a municipality or a private entity such as a Homeowners Association or property owner.

### Utilities

Walton County Board of County Commissioners provides sanitary sewer service within the Northwest Florida Commerce Park at Mossy Head. Engineering staff along with several other departments facilitate the operation and maintenance of the wastewater treatment plant and transmission system.

### Surveying

The Surveying Department provides essential support services to the Engineering Department by reviewing development order planning reviews and plat applications as well as offers in-house survey project support. Surveying also provides necessary support to County Legal, Administration, Planning and other County Departments.



**CHANCE POWELL, P.E.**  
*Walton County Engineer*

### Planning Development Reviews

Staff provides technical support of public right-of-way review for County development order applications, engineering review of County plat applications, engineering review of County single-family stormwater applications. For municipal development order projects, staff performs driveway connection permit review for those projects connecting to County maintained facilities.

### Project Development and Management

Staff participates with the Emerald Coast Regional Council in the Okaloosa-Walton Transportation Planning Organization's (OWTPO) Technical Coordinating Committee (TCC), Technical Advisory Committee (TAC) for the Emerald Coast Regional Council (ECRC) and other associated transportation committees. Staff coordinates with the Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), Northwest Florida Water Management District (NWFWMD) and other State and Federal Agencies on behalf of Walton County.

Walton County Public Works Department and engineering staff has developed the County's adopted Five-Year Work Plan and prepares the annual work plan updates.

Department staff manage the County's Continuing Engineering Consultants/ Firms on Design and CEI (Construction Engineering and Inspection) Projects. They also coordinate with Public Works drainage crew on construction of in-house projects. Coordination with utility companies on Capital Improvement Projects (CIP) is also facilitated by engineering department project managers.

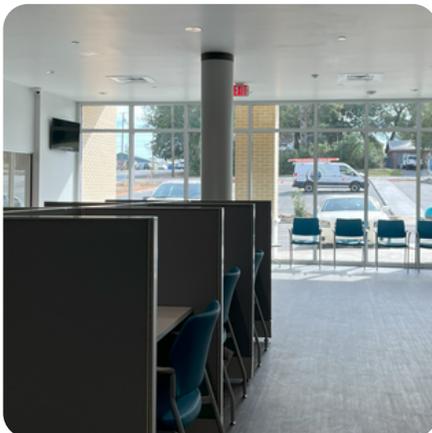


# COMPLETED CONSTRUCTION



## Walton County Building and Training Facility *Construction Complete February 14, 2025*

This project consisted of the design and construction of a 37,000 SF three-story building for the County. An opening ceremony was held Wednesday, February 27, 2025. Over the years, the Building Department has occupied at least two other buildings. Currently, the new facility is now a block away from its previous location. This building can also be utilized as a training center. The facility was built completely with permits and licensing fees in place of ad valorem taxes.



# COMPLETED CONSTRUCTION

## Holiday Shores Phase 1A Pedestrian and Drainage Improvements *Construction Complete January 9, 2025*

This project is located along Forest Shore Drive and Shore Drive, north of US Hwy 98, in Miramar Beach, Florida. Phase 1 of this project includes the construction of an 8 ft wide concrete sidewalk within the Forest Shore Drive right-of-way beginning at US Hwy 98 and terminating at Shore Drive. Minor earthwork, swale construction, storm drain installation, and sodding will be required within the right-of-way limits. Phase 1 also includes the construction of a 12 ft x24 ft nutrient separating baffle box and associated storm drain to be constructed at the existing drainage outfall located directly adjacent to 188 Shore Drive.



## Rock Hill Road Widening and Resurfacing Phase 1 *Construction Complete February 13, 2025*

Rock Hill Road Phase 1 runs from the intersection of US331 to High Lonesome Road. This project included full depth reclamation and resurfacing of approximately 3.96 miles of Rockhill Road from US 331 to High Lonesome Road with a 5' paved shoulder added to both sides of the roadway. . Other improvements included a new 620' right turn lane from northbound US 331 to eastbound Rock Hill Road, and the placement of commercial material for the Park and Ride areas on the north and south sides of Rock Hill Road near the intersection with US 331.



# Engineering Department

## ABOUT US:

The Engineering Department facilitates various functions for the County such as Traffic Operations, Right-of-Way Permitting, Public Roadway Drainage Improvements, Utility Service, Surveying, Planning Development Reviews and Project Development and Management.

## Traffic Operations

The traffic division operates and maintains over 48 traffic control devices, signalized intersections and emergency signals.

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**VISIT OUR  
WEBPAGE**

[Engineering Department](#)

[www.mywaltonfl.gov](http://www.mywaltonfl.gov)

Old Seagrove Community  
Roadway and Drainage  
Improvement Project

Useful Links

Quarterly Reports

Five Year Work Plan

[Active Projects](#)

## BY THE NUMBERS

- 76 Development , Plat and Survey Reviews
- 3 Code Compliance Support Visits
- 16 Planning Department Support Reviews (Variances, Building Permits, Lot Splits, FFE Exemption, etc.)
- 38 Outdoor Event Reviews
- 5 Municipal Development Order Reviews
- 90 Utility Permits Processed
- 33 Service Requests Processed
- 81 Crosswalk Inquiry Responses
- 168 Traffic Signal Maintenance Requests
- 204 Service Calls Answered
- 8 Infrastructure Grant Packages Submitted
  - 2 SCOP
  - 2 SCRAP
  - 1 CIGP
  - 2 Transportation Alternative Packages
  - 1 SUNtrail



## ACTIVE PROJECTS

The Engineering department currently manages over 60 ongoing Design and Construction projects.

Active Projects can be viewed on our Walton County Engineering website. There is also a new link to view Construction Flyers with Active Construction information. In addition, the Five-Year Work Plan outlines identified upcoming projects and is updated each year.

## DESIGN PROJECTS (APPROVED THIS QUARTER)

### Mack Bayou and Sandestin Lane Connector Road

The intent of this project is to allow vehicular movement from the subdivisions located along the main roadways such as Mack Bayou Rd, Harborview Rd, Shipwreck Rd, Driftwood Point Rd and all other adjacent local roadway connections to access the commercial facilities located to the west of the Mack Bayou intersection without having to access US Highway 98. This improvement would alleviate congestion along this segment of US Highway 98 and provide transportation redundancy for patrons in this area.



# Construction Project Flyers

Walton County is pleased to provide information regarding construction projects. A construction project flyer is a brief, informative document designed to communicate the key details about a construction project, including timelines, impacts, and contact information.

## UNDER CONSTRUCTION (APPROVED THIS QUARTER)

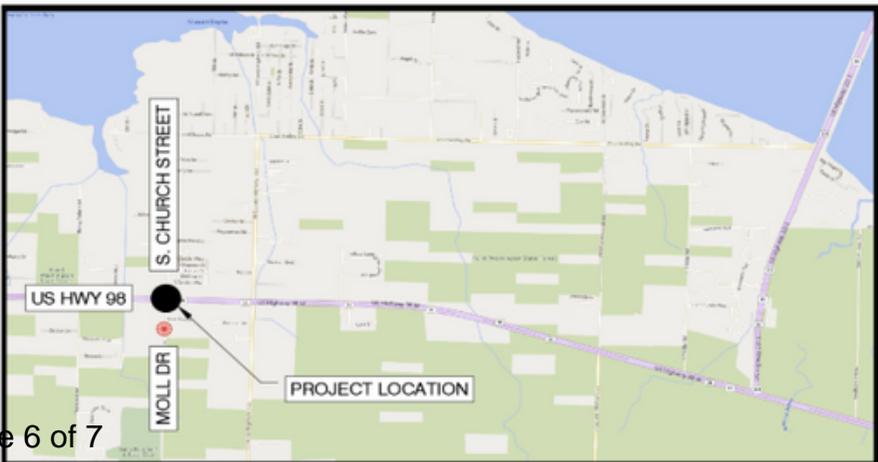
### South Walton Multi Use Trails - Mack Bayou Road Pedestrian Improvements PH I

This project will include the resurfacing of Mack Bayou Road from US Hwy 98 to Harborview Road including an improved pedestrian path with cycle lane separators for enhanced pedestrian safety. The limits of the current construction project are indicated by the red dashed line on the project location map. High-emphasis pavement markings and push-button RRFB cross-walk beacons will be incorporated to enhance driver awareness at midblock pedestrian crossings. A future construction phase is currently under design which will continue the resurfacing and pedestrian improvements into the Driftwood Estates neighborhood providing pedestrian path connectivity to the Driftwood Park and existing sidewalks within the neighborhood. The limits of the future phase are indicated by the blue solid line on the project location map.



### Signalization for US HWY 98 at Church Street and Moll Drive

Installation of a new mast arm traffic signal at the intersection of US Hwy 98 and Moll Drive/Church Street and installation of signalized crosswalks in all directions with ADA compliant curb ramps for access to existing sidewalks.





# UNDER CONSTRUCTION (APPROVED THIS QUARTER)

## CR 183 South Cross Drain Replacement

The project includes the replacement of the existing cross drain on CR 183 South at Spears Branch. The existing corrugated arch pipes will be demolished, removed and replaced with two 10'x8' pre-cast concrete box culverts. Paved shoulders will be widened to improve safety by increasing lateral offsets to guardrails.



## North Walton Multi Use Trails - 20<sup>th</sup> Street Pedestrian Improvements PH I

The scope of the project includes the construction of a 5' wide sidewalk along 20th Street from the intersection of Walton Road to the Emerald Coast Technical College. The proposed sidewalk will be located on the east side of 20th Street and Phase I will be approximately 0.77 miles in length, providing a connection to the recently constructed sidewalk facilities on Walton Road. Design for Phase II of the 20th Street Sidewalk project is complete but is not currently funded for construction. Phase II will extend the 20th Street sidewalk improvements from Emerald Coast Technical College south to US Hwy 90.

