

# BRIDGE REPLACEMENT

Barracuda Boulevard over the Canal Bradano waterway

## Volusia County

### PROJECT DESCRIPTION

The Florida Department of Transportation (FDOT), in partnership with the City of New Smyrna Beach, will replace the existing Barracuda Boulevard Bridge over the Canal Bradano waterway in New Smyrna Beach, Volusia County, to ensure the longevity of the bridge for all users. The work on this project will span Barracuda Boulevard between The Middle Way and just north of Quay Assisi Court.

The new Barracuda Boulevard Bridge will provide improved roadway conditions for motorists and pedestrians, increased weight capacity, and a longer span than the current bridge. The sidewalk on the new bridge will be increased from 5 feet to 8 feet across to improve pedestrian access, mobility, and safety. The bridge's sidewalk will tie into a new 8-foot wide pedestrian path with Americans with Disabilities Act (ADA) compliant detectable warning pads.

The new Barracuda Boulevard Bridge will also provide more room for marine traffic traveling underneath the bridge. The existing bridge's 6-foot-7-inch vertical clearance will increase to 7-foot-6-inches, and the channel clearance will increase from 46 feet to 47 feet.

Additional enhancements will be implemented on the roadway approaching Barracuda Bridge between north of Quay Assisi Court and The Middle Way. These improvements include reconstruction and resurfacing of the roadway. Work will also include drainage upgrades and shoulder and curb installation.

### WHAT TO EXPECT

During this project, the existing Barracuda Bridge will be closed to vehicle and pedestrian traffic to safely facilitate construction of the new bridge. The bridge will remain closed to traffic until the new bridge is fully constructed. Throughout the bridge closure, traffic will be directed through a detour using a temporary traffic signal, temporary pavement markings, video message boards, and other signage.

Some construction activities for the new bridge will require the use of equipment that produces vibrations. The project team will closely monitor vibration levels these operations. The Department is committed to mitigating the impacts of construction on local businesses and homeowners.

The construction schedule may change due to weather or other unforeseen circumstances. For the most current project details, make sure to visit the project page on FDOT's Central Florida Roads website, [www.cflroads.com](http://www.cflroads.com).

### Financial Project Identification (FPID) No. 437935-1

#### CONTRACTOR

Gosalia Concrete Constructors, Inc.

#### PROJECT COST

\$4.4 million

#### PROJECT START

January 2023

#### ESTIMATED

#### INSTALLATION COMPLETION

Summer 2024



FOR QUESTIONS, CONCERNS, OR  
PROJECT UPDATES

Send a request to:

Britney Jones  
Community Outreach Coordinator  
386-740-3566  
[britney.jones@dot.state.fl.us](mailto:britney.jones@dot.state.fl.us)

SEE REVERSE SIDE FOR PROJECT LOCATION MAP 



Scan the QR code using your mobile device to view more information about this project.



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