

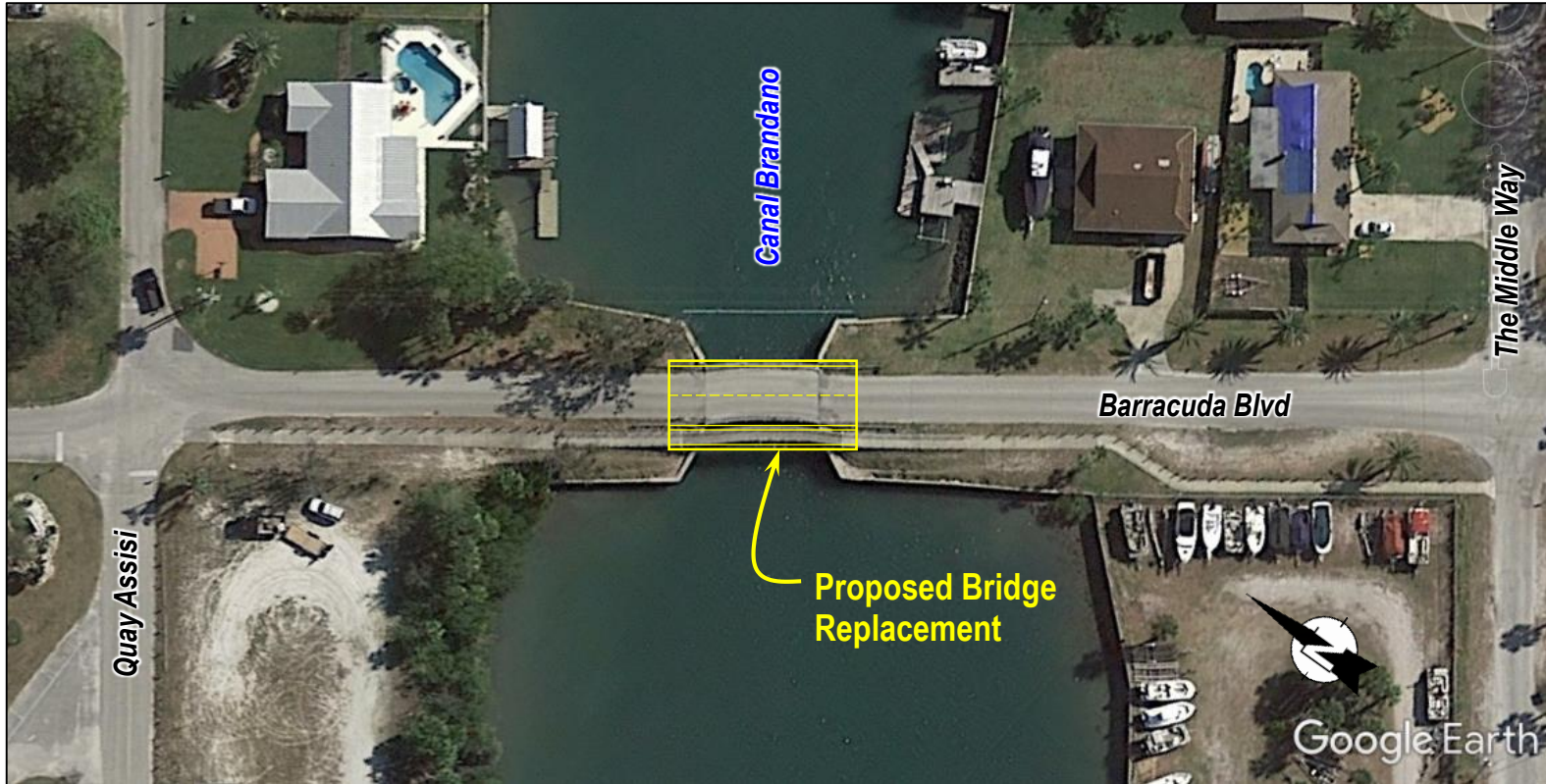


# Barracuda Bridge Replacement

## New Smyrna Beach, Volusia County

FDOT District Five Project Manager: Christopher L. Dabson, PE  
719 South Woodland Boulevard, DeLand FL 32720  
Phone: 386-943-5227 email: Chris.Dabson@dot.state.fl.us

FPID: 437935-1-31-01  
FAPN: 4518 001 B



### Public Information Meeting

**Tuesday, December 5, 2017 5 p.m. to 7 p.m.**

New Smyrna Beach City Hall - Commission Chambers  
210 Sams Avenue, New Smyrna Beach, FL 32168

#### Project Schedule

Design Complete: **Spring 2020**  
Construction Start: **Spring 2022**

#### Estimated Costs

Design: **\$778,000**  
Right-of-Way: **\$197,000**  
Construction: **\$1.2 Million**

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to FDOT compliance with Title VI may do so by contacting Jennifer Smith, FDOT District Five Title VI Coordinator by phone at (386) 943-5367, or via email at [Jennifer.Smith2@dot.state.fl.us](mailto:Jennifer.Smith2@dot.state.fl.us).

### Project Description

The Barracuda Bridge is owned by the City of New Smyrna Beach and was constructed in 1965. The bridge spans over the Canal Brandano waterway, and is currently posted for a 12 ton vehicle capacity. The current bridge is composed of prestressed sonovoid concrete beams and a concrete deck with curbs and metal hand rails. The bridge has two 11 ft. travel lanes, and also carries a water main, a sewer line and a gas line from the south to north side of the bridge. The pedestrian bridge that is adjacent to the current bridge was later added in the 1970's. Moderate to advanced deterioration has occurred in the bridge's beams, pile caps, and piles and therefore must be replaced.

The proposed bridge will be longer than the existing bridge and will have prestressed concrete Florida I-beams, a concrete deck, two 11 ft. travel lanes, two 2'-6" shoulders, two 1'-4" wide bridge rails, an 8 ft. wide path/sidewalk, and pedestrian 1'-1" wide rail. The bridge will be capable of carrying all vehicle and utility loads and will have projected service life of 75 years. Approach roadway work including new pavement will be performed to accompany the new bridge. The funding for the new bridge will come from the City of New Smyrna Beach, FDOT, and Federal funding. Once construction is completed, the City of New Smyrna Beach will retain ownership of the bridge.

Please visit [www.CFLRoads.com](http://www.CFLRoads.com) for more information.