



US 1 Bridge Replacement Project

PROJECT DESCRIPTION:

The US 1 Bridge Replacement Project will replace the existing bascule bridge over the Intracoastal Waterway and the Loxahatchee River in the Town of Jupiter. The replacement bridge will consist of two 11-foot travel lanes in each direction and 8-foot sidewalks and 7-foot bike lanes in both directions. Pedestrians will be separated from traffic with permanent concrete barriers. Other improvements include new drainage, new signage and new pavement markings. A new observation deck will be constructed under the replacement bridge and include decorative lighting.

The new bascule bridge also will feature a concrete bridge deck to reduce traffic noise, a new tender house and pedestrian overlooks. The vertical clearance will be increased to 42 feet under the bridge and the navigable channel width will be increased to 125 feet.

Permanent intersection improvements will occur at Alternate A1A and Old Dixie Highway that includes shifting the intersection to the southwest, adding a traffic signal and lengthening the left-turn lane from northbound Alternate A1A to northbound Old Dixie Highway. In preparation for a 20-month bridge closure and detour, temporary intersection improvements that consist of additional turn lanes will occur at: US 1 at SR 706/Indiantown Road, Alternate A1A and SR 706/Indiantown Road and US 1 and Alternate A1A/Beach Road. Intelligent Transportation System devices will be installed to improve traffic flow.

Minor repairs to the Alternate A1A bridge over the Loxahatchee River also will occur and includes replacing deck joints and repairing the pile caps at two piers.

In addition, the project entails reconstructing and paving US 1 within the project limits.

PROJECT LIMITS:

US 1 from CR A1A to CR 707/Beach Road, the Alternate A1A bridge and surrounding intersections

CONSTRUCTION COST:

\$122 Million

PROJECT SCHEDULE:

The contractor, Johnson Bros. Corp., began construction in October 2021. Project completion is estimated to occur in 2026.

MAINTENANCE OF TRAFFIC:

A full bridge closure will occur for approximately 20 months beginning in March 2023 with traffic detoured to Alternate A1A.

One lane may be closed from 9:30 p.m. to 6:30 a.m. Sunday through Saturday on US 1, Indiantown Road, Alternate A1A, Old Dixie Highway and Beach Road.

Navigation through the channel will be maintained for marine traffic. Channel restrictions may occur.

CONTACT INFORMATION:

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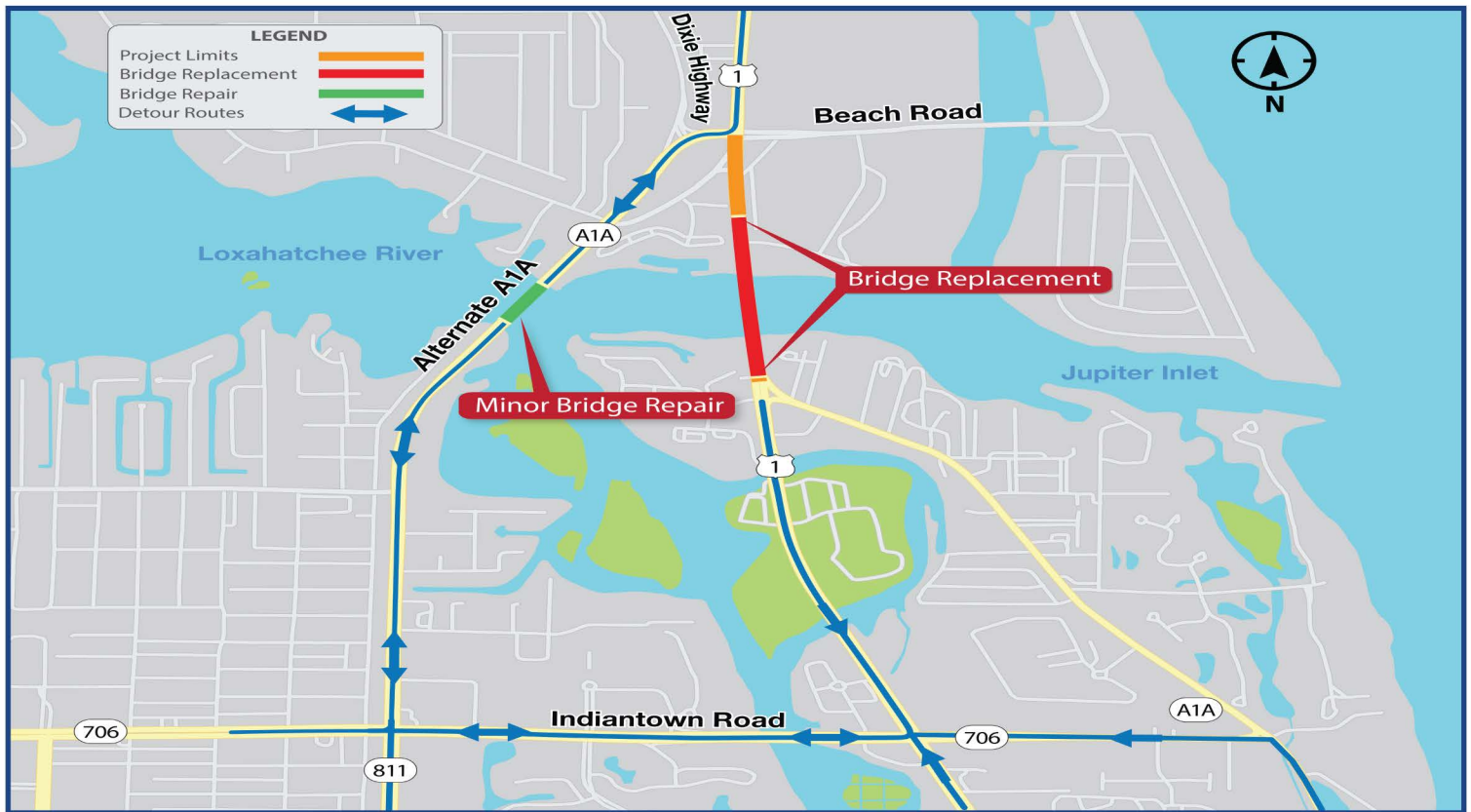


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PROJECT PURPOSE:

The Florida Department of Transportation has determined that the existing bascule bridge, built in 1958, is structurally deficient and does not meet current standards. The existing bridge, constructed in 1958, carries two lanes of traffic in each direction and has 2-foot shoulders with no dedicated sidewalks or bicycle lanes. The horizontal clearance also does not meet current U.S. Coast Guard requirements for bascule bridges.

A Project Development and Environment Study conducted in 2019 with input from the public and elected officials concluded the bridge should be replaced. The replacement bridge will provide improved traffic operations and bicycle and pedestrian safety. The increased vertical clearance is anticipated to decrease bridge openings for marine traffic by approximately 44 percent, reducing traffic delays and congestion on US 1.



FLORIDA DEPARTMENT OF TRANSPORTATION MISSION STATEMENT

The Department will provide a safe transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities.