



# SR 5/US-1 Federal Highway Bridge

*From CR-A1A to Beach Road*  
**Palm Beach County, Florida**  
**Project Development and Environment (PD&E) Study**

Financial Project ID 428400-2-22-02  
ETDM# 14199



January, 2016

## NEWSLETTER

### PROJECT DESCRIPTION

The SR 5/US-1 Federal Highway Bridge is a low-level bascule bridge originally constructed in 1958 and located in the Town of Jupiter, Palm Beach County. It spans over the Loxahatchee River and the Atlantic Intracoastal Waterway (ICWW) connecting communities within the Town of Jupiter to the south and the Village of Tequesta to the north.

The September 2014 bridge inspection showed the bridge was structurally deficient justifying replacement for the following reasons:

- The overall fitness of the bridge scored only slightly above an “unsatisfactory” rating
- The corrosive condition of the bridge deck received a “poor” rating

The existing bridge is expected to deteriorate further as it operates beyond its original 50 year service life. Coupled with the corrosive environment continuing to degrade the bridge, if not replaced, it will require costly repairs.

The vertical clearance between mean high water (MHW) and the bottom of the superstructure of the existing bridge is 25 feet which meets the United States Coast Guard's (USCG) 21-foot vertical clearance requirement. The existing horizontal clearance does not meet the USCG 125-foot requirement, with only 80 feet clearance between fenders.



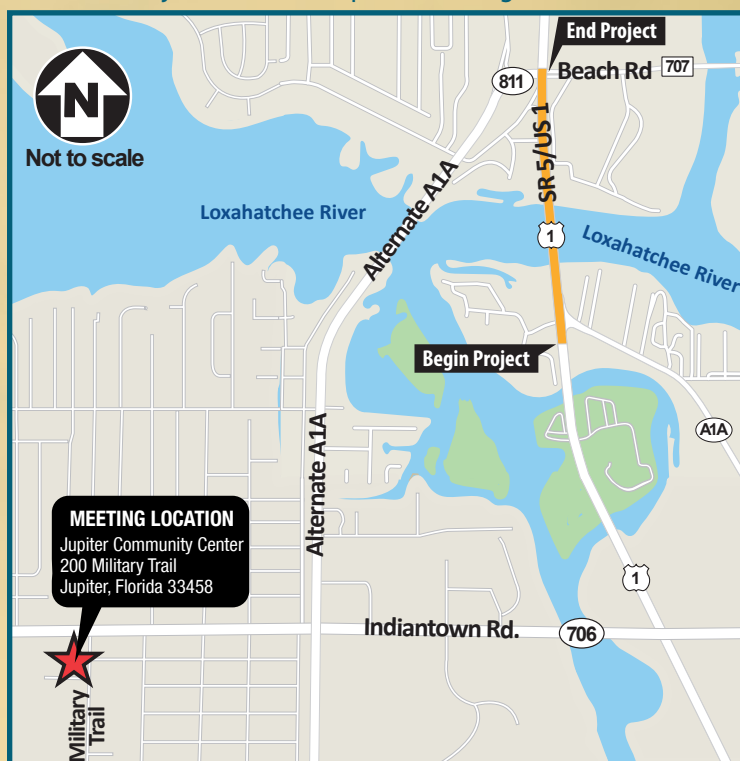
The current bridge is functionally deficient because it lacks bicycle and pedestrian accommodations which is a concern as pedestrians and bicyclists cross the bridge. Based on various studies conducted by the Florida Department of Transportation (FDOT) over the last several years, project stakeholders including the Town of Jupiter and the Palm Beach Metropolitan Planning Organization (MPO) expressed the need to provide dedicated facilities for pedestrian and bicycle traffic. Based on the bridge inspection and engineering evaluation it is not feasible to add these facilities to the existing bridge structure.

### OBJECTIVES

This PD&E Study will evaluate the environmental and engineering aspects of the proposed improvements to the SR 5/US-1 Federal Highway Bridge. All elements of this study will comply with the National Environmental Policy Act (NEPA). Public involvement activities throughout the study will be considered in the development of the design alternatives.

The bridge replacement alternatives being studied will address the structural and functional deficiencies of the existing moveable bascule bridge, improve traffic operation, and improve bicycle and pedestrian safety.

Project Location Map and Meeting Location





## UPCOMING PUBLIC MEETING

The Public Kick-Off Meeting scheduled for Wednesday, **February 17, 2016** will begin as an open house at 5:30 p.m. with a formal presentation at 6:00 p.m. Members of the public may provide verbal comments and submit written comments at the meeting or by contacting Ms. Vanita Saini, P.E., Consultant Project Manager (contact information below). She may also be contacted by persons with disabilities who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) at least seven (7) days prior to the Public Kick-Off Meeting.



## COMMUNITY COORDINATION AND PUBLIC INVOLVEMENT

Communicating project-related information to interested people, groups, and government organizations will occur through newsletters, the project website, public information meetings, inquiries made by the public, and at the Public Hearing.

Newsletters will be mailed to state and local officials, all interested people, and all property owners within the project limits, in accordance with Florida Statutes Section 339.155(5)(c).

The project website [www.jupiterus1bridge.com](http://www.jupiterus1bridge.com) provides information regarding current project status, upcoming events, frequently asked questions, and comment forms.

*Please see the Project Schedule at right for more information.*

ACTIVITY	2015	2016	2017
Begin Study	★		
Public Kick-off Meeting		★	
Public Input		[Blue bar spanning 2016 and early 2017]	
Develop Build Alternatives		[Green bar spanning early 2016]	
Alternatives Public Meeting		★	
Public Hearing No-Build and Build Alternatives Presented			★
Study Complete/Location Design Concept Acceptance			★

*The preliminary schedule for the SR 5 / US-1 Federal Highway Bridge PD&E Study is subject to change as the project progresses.*

## FUTURE PUBLIC MEETINGS

The next newsletter will be mailed prior to the Alternatives Public Meeting which is tentatively scheduled for the Fall of 2016.

**To obtain project information, be added to the mailing list, request information, or arrange a group meeting, please contact:**

FDOT Project Manager: Ms. Vanita Saini, P.E.

### FDOT District Four

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### Project website:

<http://www.JupiterUS1Bridge.com>

## PUBLIC KICK-OFF MEETING

**February 17, 2016**  
**5:30 pm to 7:30 pm**

### Jupiter Community Center

200 Military Trail  
Jupiter, Florida 33458

*Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status.*