



SR 5/US-1 Federal Highway Bridge

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

Agenda
5:30p.m. Open House
6:30p.m. Formal
Presentation

Financial Project ID 428400-2-22-02
Efficient Transportation Decision Making (ETDM) # 14199



October 24, 2017

PUBLIC HEARING HANDOUT

PROJECT DESCRIPTION

The SR 5/US-1 Federal Highway Bridge is a low-level bascule bridge 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 the Town of Jupiter to the south and the Village of Tequesta to the north.

The September 2015 bridge inspection showed the bridge was structurally deficient and functionally obsolete justifying replacement for the following reasons:

- The corrosive condition of the substructure was rated poor
- The bridge does not have sidewalks or bicycle lanes

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 and the bottom of the superstructure of the existing bridge is 25 feet, which meets the United States Coast Guard's (USCG) 21-foot minimum vertical clearance requirement. The existing horizontal clearance between the fender system is only 90 feet, which does not meet the USCG 125-foot requirement.

Project Location Map



OBJECTIVES



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

The build alternatives currently being studied address the structural and functional deficiencies of the existing moveable bascule bridge, improve traffic operations, and improve bicycle and pedestrian safety.

The alternatives shown at the Public Hearing include:

- No Build (or "do-nothing") alternative
- Replacement of the existing bridge with a bascule bridge with 35' vertical clearance and 125' horizontal clearance



The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried-out by FDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 14, 2016, and executed by FHWA and FDOT.



COMMUNITY COORDINATION AND PUBLIC INVOLVEMENT

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

The project website 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	2018
Begin Study	★			
Public Kick-off Meeting		★		
Public Input	[Blue bar spanning from early 2016 to late 2017]			
Develop Build Alternatives		[Green bar]		
Alternatives Public Workshop		★		
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.

TITLE VI

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

FUTURE PUBLIC MEETINGS

A Public Information Workshop will be held during the design phase of the project. **To obtain project information, be added to the mailing list, request information, or arrange a group meeting, please visit:** <http://www.jupiterus1bridge.com>

Or contact:

FDOT Project Manager: Ms. Nadir Rodrigues, PE

FDOT District Four

3400 West Commercial Boulevard
Fort Lauderdale, Florida 33309-3421

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Toll Free (866) 336-8435, extension 4385

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Project documents are available for public viewing on the project website www.jupiterus1bridge.com and from October 3 through November 3, 2017 at the following locations:

Jupiter Public Library

705 Military Trail, Jupiter, FL 33458
Phone: (561) 744-2301

Jupiter Public Library hours:

Monday – Thursday,

9:00 a.m. to 8:00 p.m.

Friday, 9:00 a.m. to 6:00 p.m.

Saturday, 9:00 a.m. to 5:00 p.m.

Sunday, 12:00 p.m. to 5:00 p.m.

FDOT - District Four

3400 West Commercial Blvd.
Ft. Lauderdale, FL 33309

Phone: (954) 777-4385

FDOT hours:

Monday – Friday,

8:00 a.m. to 5:00 p.m.