

DRAFT WATER QUALITY IMPACT EVALUATION

Florida Department of Transportation

District One

S.R. 789 (Longboat Key) PD&E Study

Limits of Project: From North Shore Road to Coquina Park Entrance

Manatee County, Florida

Financial Management Number: 436676-1-22-01

ETDM Number: 14382

Date: December 2025

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022 and executed by the Federal Highway Administration and FDOT.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
WATER QUALITY IMPACT EVALUATION CHECKLIST

650-050-37
ENVIRONMENTAL
MANAGEMENT
07/20

PART 1: PROJECT INFORMATION

Project Name:	S.R. 789 (Longboat Key) PD&E Study
County:	Manatee County
FM Number:	436676-1-22-01
Federal Aid Project No:	
Brief Project Description:	The project involves the potential reconstruction and/or rehabilitation of SR 789/Longboat Key Bridge to address structural integrity and operational deficiencies.

PART 2: DETERMINATION OF WQIE SCOPE

Does project discharge to surface or ground water? Yes No

Does project alter the drainage system? Yes No

Is the project located within a permitted MS4? Yes No

Name: Manatee County and Sarasota County

If the answers to the questions above are no, complete the applicable sections of Part 3 and 4, and then check Box A in Part 5.

PART 3: PROJECT BASIN AND RECEIVING WATER CHARACTERISTICS

Surface Water

Receiving water names: Sarasota Bay

Water Management District: SWFWMD

Environmental Look Around meeting date: meeting held with the Town of Longboat Key, see attached meeting minutes

Attach meeting minutes/notes to the checklist.

Water Control District Name(s) (list all that apply): _____

Groundwater

Sole Source Aquifer (SSA)? Yes No

Name _____

If yes, complete Part 5, D and complete SSA Checklist shown in Part 2, Chapter 11 of the PD&E Manual

Other Aquifer? Yes No

Name _____

Springs vents? Yes No

Name _____

Well head protection area? Yes No
Name _____
Groundwater recharge? Yes No
Name _____

Notify District Drainage Engineer if karst conditions are expected or if a higher level of treatment may be needed due to a project being located within a WBID verified as Impaired in accordance with Chapter 62-303, F.A.C.

Date of notification: [Click here to enter a date.](#)

PART 4: WATER QUALITY CRITERIA

List all WBIDs and all parameters for which a WBID has been verified impaired, or has a TMDL in [Table 1](#). This information should be updated during each re-evaluation as required.

Note: If BMAP or RAP has been identified in [Table 1](#), [Table 2](#) must also be completed. Attach notes or minutes from all coordination meetings identified in [Table 2](#).

EST recommendations confirmed with agencies? Yes No

BMAP Stakeholders contacted? Yes No

TMDL program contacted? Yes No

RAP Stakeholders contacted? Yes No

Regional water quality projects identified in the ELA? Yes No

If yes, describe:

Potential direct effects associated with project construction and/or operation identified? Yes No

If yes, describe:

Discuss any other relevant information related to water quality including Regulatory Agency Water Quality Requirements.

PART 5: WQIE DOCUMENTATION

- A. No involvement with water quality
- B. No water quality regulatory requirements apply.
- C. Water quality regulatory requirements apply to this project (provide Evaluator's information below). Water quality and stormwater issues will be mitigated through compliance with the design requirements of authorized regulatory agencies.
- D. EPA Ground/Drinking Water Branch review required. Yes No
Concurrence received? Yes No
If Yes, Date of EPA Concurrence: [Click here to enter a date..](#)
Attach the concurrence letter

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.

Evaluator Name (print): David A. Bennett PE

Title: Senior Drainage Engineer

Signature: 

Date: 12/9/2025

Table 1: Water Quality Criteria

Receiving Waterbody Name (list all that apply)	FDEP Group Number / Name	WBID(s) Numbers	Classification (I,II,III,IIIL,IV,V)	Special Designations*	NNC limits**	Verified Impaired (Y/N)	TMDL (Y/N)	Pollutants of concern	BMAP, RA Plan or SSAC
Gulf of Mexico	Group 3	8050	3M	Special OFW	NA	No	No	NA	NA
Sarasota Bay	Group 3	1968B	2	Special OFW	NA	Yes	No	Bacteria - Fecal Coliform (SEAS Classification)	NA
Sarasota Bay - Peace - Myakka	Group 3	1862	2	Special OFW	NA	No	No	NA	NA

* ONRW, OFW, Aquatic Preserve, Wild and Scenic River, Special Water, SWIM Area, Local Comp Plan, MS4 Area, Other

** Lakes, Spring vents, Streams, Estuaries

Note: If BMAP or RAP has been identified in [Table 1](#), [Table 2](#) must also be completed.

Meeting Minutes

Meeting Minutes

Project: FPID No. 436676-1-22-01
SR 789 (Longboat Key) Bridge Replacement PD&E

Subject: Floodplain Impact Coordination
Meeting

Date and time: July 2, 2025, 10:30AM

Meeting place: TEAMS Meeting **Minutes by:** Scalar Consulting Group Inc.

Present:

- David Bennett – Scalar Consulting Group, Inc.
 - Eileen Panza – Town of Longboat Key
 - Charlie Mopps – Town of Longboat Key
 - Jennifer Fehrs – Town of Longboat Key
 - Allen Parsons – Town of Longboat Key
 - Neal Mazzei – Town of Longboat Key
 - Patty Fige – Town of Longboat Key
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The meeting commenced with Mr. Bennett providing a comprehensive overview of the project, which focuses on a PD&E study to replace the SR 798 Longboat Key Bridge. He also shared the history of the project.

Next, Mr. Bennett discussed the Location Hydraulic Report process, emphasizing the need to document potential floodplain impacts related to the project. He highlighted that the only anticipated impacts are minor and are located at the bridge approaches. These will be mitigated in the proposed dry retention areas. Final impact assessments will be completed during the design phase, with appropriate compensation measures incorporated.

The staff of the Town of Longboat Key noted that they do not foresee any significant floodplain impacts from the project, ensuring that the project aligns with the Town’s floodplain management program.