

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
WATER QUALITY IMPACT EVALUATION CHECKLIST

650-050-37
ENVIRONMENTAL
MANAGEMENT
08/24

PART 1: PROJECT INFORMATION

Project Name:	Central Polk Parkway East PD&E Study From US 17/92 to Poinciana Connector (SR 538)
County:	Polk and Osceola
FM Number:	451419-1-22-01
Federal Aid Project No:	None
Brief Project Description:	The purpose of this project is to evaluate an approximately eight-mile new tolled, multi-lane, limited access highway referred to as the Central Polk Parkway (CPP) East. The PD&E study area extends from US 17/92, south of the Power Line Road extension, to the future Poinciana Connector (State Road (SR) 538), with the CSX railroad delineating the western study area boundary. The Poinciana Connector, under development by FDOT, will be a new tolled limited access highway extending from CR 532 to Interstate 4 (I-4) and SR 429. Once completed it will provide a regional link between the Poinciana Parkway in Osceola County, currently under design by the Central Florida Expressway Authority (CFX) and I-4 at the SR 429 interchange. Access points to/from CPP East will be evaluated at US 17/92, the future Poinciana Connector, and at a potential intermediate location. Multi-modal transportation improvements including a shared use path will be evaluated. Most of the study area is located in northeast Polk County, with a small section extending into Osceola County.

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: Haines City (FLS000015), Polk County (FLS000015) and Osceola County (FLR04E012)

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: Horse Creek and Reedy Creek (Above Lake Russell)

Water Management District: Southwest Florida and South Florida Water Management District

Coordination meeting date: Click here to enter a date.
Attach meeting minutes/notes to the checklist.

Water Control District Name(s) (list all that apply): None

Groundwater

Sole Source Aquifer (SSA)? ☒ Yes ☐ No

Name Biscayne Aquifer SSA Streamflow and Recharge Source Zones

If yes, complete Part 5, D and the [EPA Region 4 Sole Source Aquifer Project Review Form](#)

Other Aquifer? ☒ Yes ☐ No

Name Floridan Aquifer Recharge Area

Springs vents? ☐ Yes ☒ No

Name _____

Well head protection area? ☐ Yes ☒ No

Name _____

Groundwater recharge? ☒ Yes ☐ No

Name Floridan Aquifer Recharge Area, Surficial Aquifer

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 through coordination or the WATERSS process?

☐ Yes ☒ No

If yes, describe:

Potential direct effects associated with project construction and/or operation identified?

☒ Yes ☐ No

If yes, describe:

Construction of roadway and pond sites may unearth or affect existing contamination not previously identified on adjacent properties. If determined necessary, FDOT will remediate impacted sites within the project footprint and coordinate with the FDEP as necessary prior to project construction. Temporary water quality impacts may occur during project construction. These potential impacts will be avoided and minimized to the greatest extent practicable through the implementation of a Stormwater Pollution Prevention Plan (SWPPP), as well as adherence to resource-agency issued permits and permit conditions and the FDOT's Standard Specifications for Road and Bridge Construction.

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 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.

Evaluator Name (print): Ryan Desimone, PWS (VHB)	
Title: Environmental Technical Lead	
Signature: R. Desimone	Date: 9/2/2025

DRAFT

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
Horse Creek	4	1436	III F	N/A	N/A	No	No	Disolved Oxygen, Fecal Coliform	No
Reedy Creek (Above Lake Russell)	4	3170C	III F	NA	N/A	No	No	Biology	No

* 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.

Table 2: REGULATORY Agencies/Stakeholders Contacted

[illegible]