

WQIE CHECK LIST

Project Name: SR 60 Grade Separation at CSX Railroad

County: Polk

FIN (Financial Number): 436559-1-22-01

Federal Aid Project No: N/A

Short project description: The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study to evaluate costs and impacts of constructing a new overpass to carry State Road (SR) 60 over the CSX Railroad approximately 11 miles east of Bartow and 4 miles west of Lake Wales in Polk County, Florida.

PART 1: DETERMINATION OF WQIE SCOPE

Does project increase impervious surface area? ☒ Yes ☐ No

Does project alter the drainage system? ☒ Yes ☐ No

If the answer to both questions is no, complete the WQIE by checking Box A in Part 4.

Do environmental regulatory requirements apply? ☒ Yes ☐ No

PART 2: PROJECT CHARACTERISTICS

20-year design ADT: 43,800 Expected speed limit: 65 mi/hr

Drainage area: 28.1 acres 87.5 % Impervious 12.5 % Pervious

Land Use: 0 % Residential 0 % Commercial 51.2 % Open/Natural

0 % Industrial 9.3 % Wetlands 39.5 % Other (Roadway)

Potential large sources of pollution (identify): N/A

Groundwater receptor (name of aquifer or N/A): N/A

Designated well head protection area? ☐ Yes ☒ No Name: _____

Sole source aquifer ☐ Yes ☒ No Name: _____

Groundwater recharge mechanism:

Infiltration of treated stormwater through shallow stormwater management facilities. Geotechnical borings will be taken at stormwater management facilities. The facilities will minimally impact the surficial aquifer. No impacts to lower aquifers are anticipated.

(Notify District Drainage Engineer if karst conditions expected)

WQIE CHECK LIST (Contd.)

Surface water receptor (name or N/A): Peace Creek Drainage Canal (WBID 1539)

Classification ☐ I ☐ II ☒ III ☐ IV ☐ V

Special designation (check all that apply):

☐ ONRW ☐ OFW ☐ Aquatic Preserve ☐ Wild & Scenic River
☐ Special Water ☐ SWIM Area ☐ Local Comp Plan ☐ MS4 Area

☒ Other (specify): Impaired Waterbody

Conceptual storm water conveyances & system (check all that apply):

☒ Swales ☒ Curb and Gutter ☐ Scuppers ☐ Pipe ☐ French Drains
☒ Retention/Detention Ponds ☐ Other _____

PART 3: ENVIRONMENTAL REGULATORY REQUIREMENTS

Regulatory Agency (Check all that apply)	Reference citation for regulatory criteria (attach copy of pertinent pages)	Most stringent criteria (Check all that apply)
USEPA		<input type="checkbox"/>
FDEP	NPDES Construction	<input type="checkbox"/>
WMD (Specify) SWFWMD	ERP	<input checked="" type="checkbox"/>
OTHER (Specify) USACE	ERP	<input type="checkbox"/>

Proceed to Part 4 and check Box C.

WQIE CHECK LIST (Contd.)

PART 4: WQIE DOCUMENTATION

- ☐ Water quality is not an issue.
- ☐ No regulatory requirements apply to water quality issues
(Document by checking the "none" box for water quality in Section 6.C.3 of the *Environmental Determination Form* or Section 5.C.3 of the SEIR.
- ☒ Regulatory requirements apply to water quality issues. Water quality issues will be mitigated through compliance with the quantity design requirements placed by SWFWMD, an authorized regulatory agency.
(Document by checking the "none" box for water quality in Section 6.C.3 of the Environmental Determination Form or Section 5.C.3 of the SEIR.

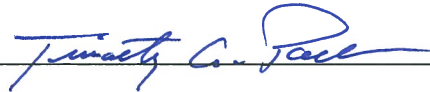
Evaluator Name (print):

Timothy A Polk

Office:

Atkins NA - 600 N Broadway Ave, Suite 310, Bartow, FL 33830

Signature:



Date: 12/19/2014