

**DRAFT**

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## **Water Quality Impact Evaluation**

**Northwest Hillsborough Expressway  
Final Environmental Impact Statement**

**Design Change Re-evaluation**

**from Cypress Street just south of the Tampa International Airport  
to Dale Mabry Highway (SR 597)**

**Work Program Segment #255433-2**

**September 2018**

*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 the Federal Highway Administration (FHWA) and FDOT.*

## WQIE CHECK LIST

Project Name: Northwest Hillsborough Expressway (NWE)

County: Hillsborough

FIN (Financial Number): 255433-2

Federal Aid Project No: IR-9999(43)

Short project description: Reevaluation for NWE Final Environmental Impact Study (FEIS) – the Reevaluation  
is for Design Change/Advance to Right-of-Way Acquisition Authorization.

### 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: 105,197 Expected speed limit: 50 mi/hr

Drainage area: 64.3 acres 100.0 % Impervious 0.00 % Pervious

Land Use: 0.0 % Residential 8.78 % Commercial 0.00 % Open/Natural

0.0 % Industrial 13.09 % Wetlands 78.13 % 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:

Minimal infiltration of treated stormwater through shallow wet and dry detention stormwater management facilities.

Geotechnical borings have been taken at the stormwater management facilities. The facility 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): Old Tampa Bay (WBIDs 1558G AND 1558H)/Class 2

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): \_\_\_\_\_

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 ( <b>attach copy of pertinent pages</b> )	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) NMFS & 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): Richard D. Uptegraff

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_