

WATER QUALITY IMPACT EVALUATION CHECKLIST

Florida Department of Transportation

District One

North Sarasota Multimodal Connector PD&E Study

Sarasota, Florida

Financial Management Number: 442034-1

ETDM Number: 14348

Date: May 2022

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 May 26, 2022 and executed by FHWA and FDOT.

WATER QUALITY IMPACT EVALUATION CHECKLIST

PART 1: PROJECT INFORMATION

Project Name:	North Sarasota Multimodal Connector from N. Cattlemen Road to Lakewood Ranch Boulevard/Progress Parkway
County:	Sarasota
FM Number:	442034-1-21-01
Federal Aid Project No:	N/A
Brief Project Description:	The FDOT is conducting a PD&E study to evaluate the proposed North Sarasota Multimodal Connector, a new east-west four-lane roadway and overpass crossing SR 93 (I-75) between the Fruitville Road interchange and the University Parkway interchange in Sarasota County.

PART 2: DETERMINATION OF WQIE SCOPE

Does project discharge to surface or groundwater? Yes No

Does project alter the drainage system? Yes No

Is the project located within a permitted MS4? Yes No

Name: **Lakewood Ranch**

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(s) names: **South Lake and Lake A**

Water Management District: **SWFWMD**

Environmental Look Around meeting date: 4/24/2020
Attach meeting minutes/notes to the checklist.

Water Control District Name (list all that apply): **N/A**

Groundwater

Sole Source Aquifer (SSA)? Yes No Name _____
If yes, complete Part 5, D and complete SSA Checklist from EPA website

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: __/__/_____

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, describe: Yes No

Potential direct effects associated with project construction
and/or operation identified?
If yes, describe: Yes No

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: ___/___/___ (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): **Curt Sprunger, P.E.**

Title: **Drainage Engineer**

Signature: 

Date: **5/10/2022**

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)	TMD L (Y/N)	Pollutants of concern	BMAP, RA Plan or SSAC
Cooper Creek	2/ Tampa Bay Tributaries	1930A	I			Y	N	Bacteria	
Macasphalt Lake	2/ Tampa Bay Tributaries	1930	I			N	N	N/A	
Philippi Creek	3/ Sarasota Bay-Peace-Myakka	1937	3F			Y	N	Bacteria	

* 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 Notes

Lakewood Ranch I-75 Overpass, Sarasota Co.
FPID: 442034-1-21-01 ETDM No.: 14348

April 24, 2020, 1:30 pm

Attendees

Michael Campo (KCA)

Ken Stokes (Sarasota County)

Roger Aman (Lakewood Ranch)

Nicole Selly (KCA)

Alejandro Mendez (KCA)

Thai Tran (Sarasota County)

Mike D. Adams (RKK)

Fathy Abdalla (KCA)

Jennifer Marshall (FDOT)

Ali Tayebnejad (KCA)

Discussion

Schedule

- Mike Campo opened the meeting by providing a schedule update and noting that they will be delays to the traffic analysis as a result of the disruptions in traffic patterns from the COVID-19 restrictions.
- Mike said he expects traffic counts to resume when schools start again in mid-August.
- Roger Aman and Ken Stokes have no issues with pushing schedule back if needed due to COVID-19.

Public Involvement

Public Information Meeting

- Mike noted that the public workshop schedule will also be impacted by the COVID-19 disruption.
- Mike noted that the public workshop is not required and asked FDOT and Sarasota County for their thoughts on not conducting it.
- Jennifer Marshall said that a Workshop is needed for project involving the Interstate often prompt questions from the public about noise walls.
- Jennifer strongly recommends conducting the public workshop.
- Jennifer said the workshop and hearing must follow NEPA protocol. She recommends using the standard District 1 public workshop process.
- Jennifer noted that all public hearings and workshops are being postponed in District 1 due to COVID-19 restrictions including those being conducted by local agencies.
- Ken and Roger suggested a workshop location at the Church of Hope.

Sarasota County Public Involvement Contacts

- Ken said that public outreach efforts should be coordinated with Jamie Cross, ___ Spencer, Carolyn ___ (Tech).

Project Website

- Jennifer noted that the website can be simple as long as the public can view basic project info and provide comments. She said otherwise there is plenty of flexibility.
- Jennifer said MOA and Title VI language are the only NEPA requirements for the website.
- Jennifer said that project website links to/from FDOT's PD&E project sites are optional. If links are desired by the County, they should be coordinated with D1 PIO.

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Public Involvement Plan

- Mike noted the PIP is in progress will be submitted to the County and then FDOT for review.

Traffic

Projected Traffic Volumes

- Mike noted all three traffic alternatives will warrant a 4-lane divided typical section based on the design year traffic forecast.
- Mike added that Alt 3 (North) is forecast to have the highest AADT ~ 27k. He added that Alt 2 (Center) is projected for an AADT of 23k vehicles and Alt 1 (South) for 20k vehicles.
- Mike noted Alt 1 (North) will require widening the existing road to accommodate traffic. Widening cost for northern alternative will need to be included in Engineer's Estimate.
- Fathy Abdalla explained that AADTs might change after traffic counts are performed and the traffic model forecast is refined. However, he noted that the need for a 4-lane divided typical section will not change.

Add Developments and Roadways to Model

New Lakewood Ranch Community Developments

- Ken recommended adding LWR Waterslide Development in traffic analysis and all other new developments.
- Roger added Spoonbill, Kingfisher, and Lake Ibis developments will begin construction by the end of the year.
- Roger said the Windward Development is also about to start construction.

New Roadway Improvements

Model Updates

- Ken and Roger also noted several roadway improvements which Mike drew on the development map Lakewood Ranch provided in March to support the traffic model. (The annotated map is included as an appendix to the meeting notes.)
- Fathy said the traffic model will be updated with all new site and road developments. He will coordinate with Roger and Ken before running the next model.

Blue Lake Road

- Roger and Ken said Blue Lake Road traffic will need to be considered because it be under development by July (everything between LWR and Lorraine Rd.).

Fruitville Road

- Ken said he anticipates widening to Fruitville Rd to commence by FY 24/25. However, Jennifer said it is on a list of potential D1 projects to advance pending stimulus funding. She said she will inform the County if the schedule changes.

East/West Connector Road

- East/West Road Connector to Lorraine Rd. - Construction Summer.
- Connector South Lorraine.... Will fill in gap to south or Fruitville (2.1 miles) to 681 eventually (not yet funded).

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Concept Development

Typical Section (with Shared Use Path)

- Mike explained the recent refinements to the typical sections included adding a shared-use path. Mike explained how trail connects to Nathan Benderson Park. He noted the bridge typical only shows shared-use path on one side of road to minimize structural costs.

Right-of-Way for Build Alternatives

Donated Lands/Federal Process

- Jennifer asked if SMR will donate the right-of-way in areas where the proposed alternatives are on lands owned by the developer.
- Roger explained that land will be donated for where required for Alt 2 (Center).
- Roger stated that the land required for Alt 3 (North) will not be donated.
- Roger added that SMR does not own any land where southern alternative would take place.
- Jennifer explained that donation of ROW must follow the federal process. The cost must be quantified.
- Therefore, all SMR owned lands needed for the proposed ROW would be shown as a ROW impact regardless of if the lands are donated.

Only Alt 1 (South) Impacts Private Land

- Mike explained that Alt 2 (Center) and Alt 3 (North) will have willing sellers. Conversely, there will be third party residential impacts on Alt 1 (South).
- Roger stated that owner of decommissioned land in southern alternative has different plans and would like to develop that land. He/she might not be willing to sell land.

Alt 2: Noise at Davis Apartments - Abatement Optional

- Ken said public outreach will be required with the new apartment community north of Alt 2 (Center) and that noise will likely be a public concern.
- Roger stated Davis apartments are aware that Alt 2 (Center) might get built. He added that they are aware of possible noise and aesthetics changes that construction of middle alternative might bring in the future.
- Jennifer stated that noise issues might come up during public involvement meetings.

Drainage

- Ali Tayebnejad explained the pond sites being evaluated for Alt 2 (Center). He said that field work still needs to be done but at this time the current sites shown in plots will be the best sites.
- Roger noted there is plenty of volume in the lake to accept the additional stormwater runoff from Alt 2. He said that LWR would need to update their drainage plan but that this option is available.
- Ali said he could also consider using the Nathan Benderson pond of the west side for stormwater on Alt 2. However, he did not include that among his initial pond sites. Ken said he should coordinate with Robert Laura at Sarasota County. Thai Tran said the water would need treatment prior to discharge into the lake and cannot discharge directly. Mike said this may also create Section 4(f) complications.

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- Ali said his SMF 2 for Alt 2 would include an existing linear pond expansion or modification in ROW (County owned). Thai said he would want to review at the hydraulic modeling but said it is a possibility.
- Ali estimates .35 acres. Large pond is existing.

Funding

- Mike explained that County is interested in LAP funding and SunTrail funding.
- He noted the willing sellers in Alt 2 and Alt 3 make SunTrail funding viable for those locations.

Other

- Jennifer told Ken the County can add visual improvements to structure as long as they are approved by FDOT.
- Follow up with D1 on pier locations.
 - Include IPM and contact Josh Jester? Andree Diggs D1 Structures & D1 Design Engineer.
- Coordinate with Deborah Chestnut (D1 planning) and Paula. Coordinate with MPO for funding/programming after LRE.