

# **Air Quality Technical Memorandum**

SR-9/I-95 from South of SW 10<sup>th</sup> Street (MP 22.00)  
to North of Hillsboro Boulevard (MP 25.10)  
Project Development & Environment Study  
Broward County, Florida

Financial Management Number: 436964-1-22-01  
Federal Aid Project Number: 0202-054-P  
ETDM Number: 14244

Prepared For:  
Florida Department of Transportation, District IV



September 2020

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.

Date: August 10, 2020

To: File

From: Keith Stannard, Associate Vice President, Ecological Services Manager,  
AECOM Technical Services, Inc.

Subject: Financial Management Number 436964-1-22-01  
Air Quality Technical Memorandum  
SR-9/I-95 from South of NW 48<sup>th</sup> Street to North of Hillsboro  
Boulevard,  
Broward County

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.

The proposed project is located in Broward County, an area currently designated as being in attainment for particulate matter (2.5 microns in size and 10 microns in size) and carbon monoxide (CO).

The project alternatives were not subjected to a CO screening model since the project is a Type 2 Categorical Exclusion. In addition, the project does not meet the following thresholds per Section 19.2.2.1, Part 2, Chapter 19 of the PD&E Manual:

1. The project is an Environmental Impact Statement (EIS) and/or;
2. The total vehicular delay time (veh-hours) at an intersection in the design year build condition is projected to increase when compared to the design year no-build condition and/or;
3. The project is expected to have community controversy regarding air quality. (Coordination with District specialists may be required to determine potential community controversy.)

Florida is in attainment for particulate matter; therefore, no project level analysis is needed. In addition, since the Class of Action has been determined to be a Type 2 Categorical Exclusion, the project has no

potential meaningful Mobile Source Air Toxics (MSAT) effects and is exempt from a MSAT analysis.

This project is not expected to create adverse impacts on air quality because the project area is in attainment for all National Ambient Air Quality Standards (NAAQS) and because the project is expected to improve the Level of Service (LOS) and reduce delay and congestion on all facilities within the study area.

Construction activities may cause short-term air quality impacts in the form of dust from earthwork and unpaved roads. These impacts will be minimized by adherence to applicable state regulations and to applicable FDOT Standard Specifications for Road and Bridge Construction.