



U.S. Department
of Transportation
**Federal Highway
Administration**

ARIZONA DIVISION

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July 20, 2023

In Reply Refer To:
101-A(218)T
101 MA 000 F0475 01D
SR 101 at I-10 System TI Improvements
Air Quality Conformity Determination

Paul O'Brien, P.E.
Environmental Planning Administrator
Environmental Planning
Arizona Department of Transportation
205 South 17th Avenue, MD 612E
Phoenix, Arizona 85007-3212

Dear Mr. O'Brien:

The Federal Highway Administration (FHWA) received the request from the Arizona Department of Transportation (ADOT) dated July 19, 2023, for a project-level air quality conformity determination for the SR 101 at I-10 System Traffic Interchange Improvements project [101-A(218)T, 101 MA 000 F0475 01D]. The purpose of the project is to construct a new Direct High-Occupancy Vehicle (DHOV) ramp and a new connection between southbound SR 101L and 91st Avenue. The proposed DHOV ramp will accommodate travel to/from the north along SR 101L and to/from the east along I-10. The proposed connection between SR 101L and 91st Avenue will supplement the I-10/SR 101L system TI ramps and I-10/91st Avenue service TI ramps.

The project is located in the Maricopa Association of Governments (MAG) planning boundary, which is designated nonattainment for Particulate Matter (PM₁₀), Ozone and designated maintenance for Carbon Monoxide (CO) under the National Ambient Air Quality Standards (NAAQS) which are subject to project-level conformity requirements. A regional conformity determination analysis was completed as part of the MAG MOMENTUM 2050 Regional Transportation Plan (RTP) and FY 2022-2025 Transportation Improvement Program (TIP) was most recently issued by FHWA and the Federal Transit Administration on February 14, 2023.

Based on our review of the air quality analysis and interagency consultation information provided by the ADOT, regarding this project and scope of work, FHWA is making the determination that this project is not a project of air quality concern for PM₁₀ under 93.123(b),

has met the requirements for a CO hot-spot analysis with the use of the FHWA CO categorical hot-spot finding under 40 CFR 93.123(a)(3), and meets the air quality conformity requirements. If there are any questions on this determination, please contact Rebecca Yedlin, FHWA Environmental Program Manager at 602-382-8979 or Rebecca.Yedlin@dot.gov.

Sincerely,

Karla S. Petty
Division Administrator

By: Rebecca Yedlin

ecc:

AHansen, FHWA

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