



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

ARIZONA DIVISION

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August 7, 2023

In Reply Refer To:
101-B(210)T
101 MA 036 F0123 01C
SR 101, Princess Dr to Shea Blvd.
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 August 2, 2023, for a project-level air quality conformity determination for the SR 101, Princess Drive to Shea Boulevard project [101-B(210)T, 101 MA 036 F0123 01C]. The purpose of the project is to widen Loop 101 to add one general-purpose lane in both the northbound and southbound directions between Princess Drive and Shea Boulevard, tie into the Loop 101 widening projects from I-17 to Pima Road/Princess Drive and the Loop 101 widening project south of Shea Boulevard, reconstruct the interchange at Frank Lloyd Wright Boulevard to a new configuration, and make minor modifications to the interchanges and cross-streets at Princess Drive, Raintree Drive and Shea Boulevard to improve turning movements and reconstruct sidewalks to comply with current Americans with Disabilities Act (ADA) standards.

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 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 a project of air quality concern for PM10 under 93.123(b), a carbon monoxide hot-spot analysis was required per 40 CFR 93.116 and 93.123, and ADOT demonstrated that the project will not increase the severity or number of existing violations. FHWA confirmed that interagency consultation was completed and comments received have been adequately addressed. FHWA is making the determination that this project 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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