



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

ARIZONA DIVISION

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February 22, 2021

In Reply Refer To:
MES-0(237)D
000 MA MES T0227
Signal Butte Road Improvements (Mesa)
Air Quality Conformity Determination

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

Dear Mr. O'Brien:

The Federal Highway Administration (FHWA) received your request dated February 10, 2021, for a project-level air quality conformity determination for the Signal Butte Road Improvements: Williams Field to Germann Road project [MES-0(237)D, 000 MA MES T0227]. The project is located in the City of Mesa within Maricopa County. The purpose of the project is to improve network connectivity by developing a new 2-mile-long arterial roadway, known as Signal Butte Road, on the Signal Butte Road alignment from Williams Field Road to Pecos Road and from Pecos Road to Germann Road. The two adjacent segments will be designed concurrently and constructed under a single project.

The project is located in the Maricopa Association of Governments (MAG) planning boundary, which is an area designated nonattainment for Particulate Matter (PM10) and Ozone and is designated as a maintenance area for Carbon Monoxide (CO). PM10 and CO are subject to project level conformity requirements under the National Ambient Air Quality Standards.

As stated in the Arizona Department of Transportation (ADOT) letter, the project is included in the regional conformity analysis conducted by the Maricopa Association of Governments (MAG) for the MAG 2040 Regional Transportation Plan and FY2020-2024 Transportation Improvement Program (TIP) which was approved on March 27, 2020, and amended January 27, 2021.

FHWA has been working with ADOT on comment resolution and changes to how the traffic data was presented in the documentaion culminating in a revised interagency consultation document that was sent on January 22, 2021. This project is not a project of air quality concern for PM10 under 40 CFR 93.123 (b) and does not require hot-spot modeling for CO under 40 CFR 93.123(a)(2). ADOT has provided email concurrence from EPA on the project.

Based on our review of the air quality analysis and interagency consultation information provided by ADOT, regarding the Signal Butte Road Improvements: Williams Field to Germann Road project and the scope of work, FHWA is making the determination that this project meets the air quality conformity requirements and conforms with the State Implementation Plan in accordance with 40 CFR 93. If there are any questions on this determination, please contact Jennifer Elsken at 602-382-8974 or jennifer.elsken@dot.gov.

Sincerely,

Karla S. Petty
Division Administrator

By: Jennifer Elsken
Environmental Program Manager

ecc:

AHansen, FHWA

RYedlin, FHWA

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Julia Manfredi, ADOT