



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

**ARIZONA DIVISION**

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April 22, 2020

In Reply Refer To:  
NH-010-C(220)T  
010 MA 010 F0072 01D  
I-10, I-17 (Split) to SR2020L (Santan)  
Air Quality Conformity Determination

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

Dear Mr. O'Brien:

The Federal Highway Administration (FHWA) received your request dated April 16, 2020, for a project-level air quality conformity determination for the Interstate 10 (I-10), Interstate 17 (Split) to SR2020L (Santan) project [010-C(220)T, 010 MA 010 F0072 01D]. The project is located in the City of Phoenix, Town of Guadalupe, City of Tempe and the City of Chandler all within Maricopa County. The purpose of the project is to improve traffic operations and reduce congestion on I-10 and enhance regional mobility by providing additional general purpose lanes on I-10 between 40<sup>th</sup> Street and Ray Road, adding High Occupancy Vehicle (HOV) Lanes (including direct HOV connections between I-10 and SR-143) and parallel collector distributor roads. The operational improvements will include reconstruction of the traffic interchanges and bridges, including the I-10/SR-143 interchange, and the addition of bicycle and pedestrian crossings at I-10 at Alameda Road and the Western canal.

The project is located in the Maricopa Association of Governments (MAG) planning boundary, which is an area designated nonattainment for Particulate Matter (PM<sub>10</sub>) and Ozone and is designated as a maintenance area for Carbon Monoxide (CO). PM<sub>10</sub> 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 MAG for the MAG 2040 Regional Transportation Plan and FY2020-2024 Transportation Improvement Program (TIP) which was approved on March 27, 2020. FHWA has been working with ADOT on comment resolution and changes to

the modeling data for this project culminating in a revised interagency consultation document that was sent on April 8, 2020. This project required a carbon monoxide hot-spot analysis. As required by 40 CFR 93.116 and 93.123, the carbon monoxide analysis was include in the documentation and demonstrates that the project will not increase the severity or number of existing violations. FHWA has also confirmed with EPA that their comments have been adequately addressed.

Based on our review of the air quality analysis and interagency consultation information provided by ADOT, regarding the I-10, I-17 (Split) to SR-202L (Santan) 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 Alan Hansen at 602-382-8964 or [alan.hansen@dot.gov](mailto:alan.hansen@dot.gov).

Sincerely,

Karla S. Petty  
Division Administrator

By: Alan R Hansen  
PEARC Team Leader

ecc:

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