



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

**ARIZONA DIVISION**

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May 15, 2024

In Reply Refer To:  
010-B(222)T  
010 MA 122 F0486 01C  
I-10 Jackrabbit Trail Traffic Interchange (TI)  
Air Quality Conformity Determination

Paul O'Brien, P.E., Environmental Planning Administrator  
Environmental Planning  
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 the request from the Arizona Department of Transportation (ADOT) dated May 14, 2024, for a project-level air quality conformity determination for the 010-B(222)T | 010 MA 122 F0486 01C, I-10 Jackrabbit Trail Traffic Interchange (TI) project. The project will increase vehicular capacity by reconstructing the existing TI within the City of Buckeye, Maricopa County. The project would increase capacity on Jackrabbit Trail from one lane in each direction (northbound and southbound) to 3 lanes in each direction from north of Van Buren Street to south of McDowell Road.


The project is located in the Maricopa Association of Governments (MAG) planning boundary, which is designated nonattainment for Particulate Matter (PM<sub>10</sub>), Ozone, and designated maintenance for Carbon Monoxide (CO) under the National Ambient Air Quality Standards (NAAQS) which are subject to project-level conformity requirements. The conformity determination for the regional conformity analysis of FY 2022-2025 MAG Transportation Improvement Program (TIP) and MOMENTUM 2050 Regional Transportation Plan as approved by MAG Regional Council on June 28, 2023, was most recently issued by FHWA and FTA on September 25, 2023.

It was determined that the project was not a project of air quality concern for PM<sub>10</sub>, but required the use of the FHWA 2023 Carbon Monoxide (CO) Categorical Hot-Spot Finding for quantitative CO modeling. Based on our review of the CO and PM<sub>10</sub> air quality analyses and interagency consultation information provided by the ADOT regarding this project and scope of work, FHWA is making the determination that this project meets the air quality conformity

requirements listed in 40 CFR Part 93. If there are any questions on this determination, please contact Rebecca Yedlin at 602-382-8979 or Rebecca.Yedlin@dot.gov.

Sincerely,

Karla S. Petty  
Division Administrator

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By: Rebecca Yedlin

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