

NOISE ANALYSIS TECHNICAL MEMORANDUM

TO: Paul O'Brien, Environmental Planning Administrator

FROM: Ivan Racic, Air and Noise Program Manager

DATE: October, 8, 2025

RE: SR 24 – SR 202L to Ironwood Dr, 024 MA 000 F0719 01D

DocuSigned by:
Ivan Racic
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The purpose of this memorandum is to document the changes to the potentially proposed noise abatement measures at the final design following the information on the future, previously not considered, residential development on the NW corner of SR 24 and Meridian Rd (Haven at Destination). The property may potentially be permitted by the City of Mesa before the date of public knowledge.

The property must be in possession of an active building permit before or on the date of public knowledge to be eligible for federal funding of noise abatement measures. The date of public knowledge is the date of the approved Environmental Assessment Re-evaluation.

The minimum document requirement would be a construction related ground moving activity permit, issued and signed by the appropriate permitting department of the municipality in question with the planning jurisdiction over the area, that would be in alignment with the previously approved plans and plots and would lead to physical infrastructure such as a paved road with cul-de-sacs for example, a sewage system, a water supply system, power grid connections and power distribution infrastructure for the development in its entirety. Without the active permit before the date of public knowledge, the properties are not eligible for the federal funding of the proposed abatement measures.

Attached to this document are the Meeting Notes of the meeting held between the ADOT and the City of Mesa representatives, where detailed information is presented.

Respectfully,

Ivan Racic

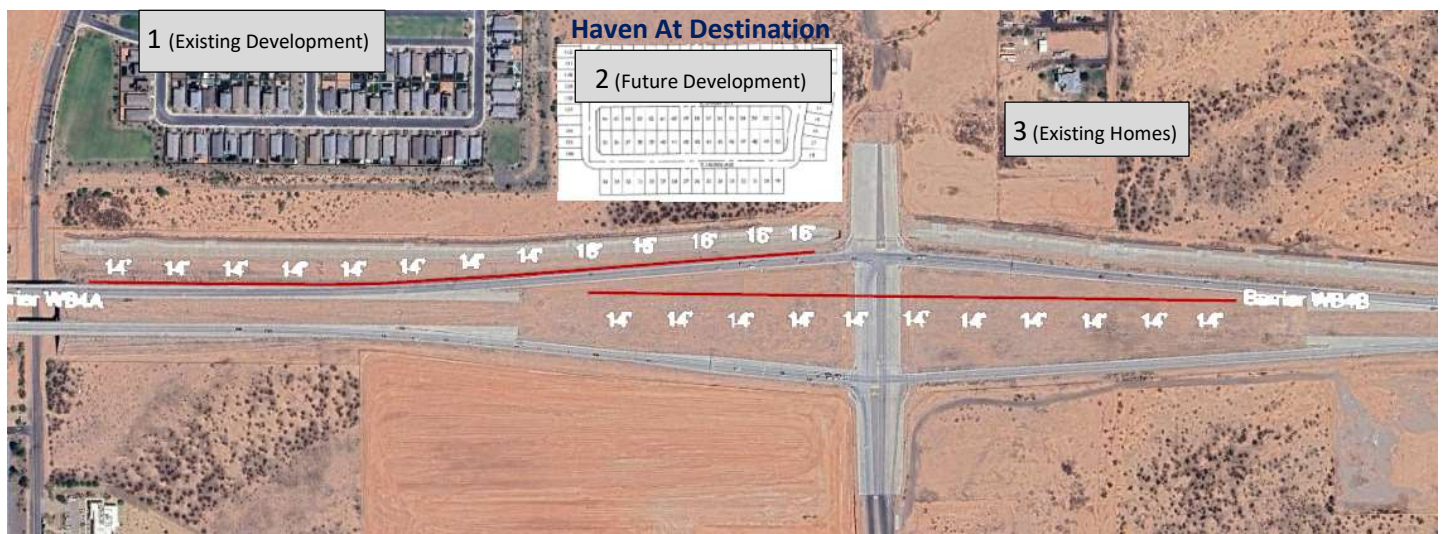
Date: Thursday, August 21, 2025, 10 AM to 11 AM

1. Completed/Approved SR 24 Noise Analysis and Planned Noise Wall Locations

Overall project sound walls were presented – See attached Exhibit.

2. Noise Analysis and Mitigation for Future Residential Development on the NW corner of SR 24 and Meridian Rd (Haven at Destination).

Proposed Wall/Barrier required for noise abatement:



The proposed sound walls shown above provide noise abatement for areas 1, 2, and 3. If area 2 does not meet the eligibility requirements indicated below, the sound walls shown above for existing properties do not meet Noise Abatement Requirements (NAR) based on the approved project noise modeling and analysis report and therefore, cannot be constructed with the SR 24 (F0719) project using federal funds.

Eligibility Requirement for Federally Funded Noise Abatement Measures

The property must be in possession of an active building permit before or on the date of public knowledge to be eligible for federal funding of noise abatement measures. The date of public knowledge is the date of the approved Environmental Assessment Re-evaluation.

The minimum document requirement would be a construction related ground moving activity permit, issued and signed by the appropriate permitting department of the municipality in question with the planning jurisdiction over the area, that would be in alignment with the previously approved plans and plots and would lead to physical infrastructure such as a paved road with cul-de-sacs for example, a sewage system, a water supply system, power grid connections and power distribution infrastructure for the development in its entirety.

Without the active permit before the date of public knowledge, the properties are not eligible for the federal funding of the proposed abatement measures.

Constructing a sound wall at the NWC of SR 24 and Meridian Rd as part of the SR 24 (F0719) project is contingent on the developer receiving a “breaking ground” permit from the City of Mesa by mid-March 2026 which is the schedule completion of the EA Re-evaluation and ‘Date of Public Knowledge’. The city believes this may occur but will review and confirm the plans review and approval schedule with the developer and provide information to ADOT as it becomes available.

If construction permits are not obtained prior to the ‘Date of Public Knowledge’, noise mitigation and sound walls will be the Developer’s responsibility.

Other Miscellaneous Design Coordination Items discussed:

Wall length Adjustments for Existing COM Utility Sleeve:

Stanley indicated the west end of the sound wall along the ROW just east of Crismon Rd will begin at a location to allow future excavation to install a water or sewer line through the existing COM utility sleeve. The width for 20’ O&M centered on the sleeve and 1.5:1 slope for future excavation has been provided. A 1.5:1 cut slope was discussed with the project geotechnical engineer and deemed appropriate for slope and wall footing stability during future excavation to install utilities.

Crismon Road Improvements:

The City has agreements with the developers that require the developer to build Crismon Rd. The City is coordinating improvements and schedules with the developers adjacent to Crismon Rd north and south of SR 24 and will provide information to the design team when it is available.

The design team will transition the roadway width from the ADOT typical roadway section with a 12’ raised median to the City’s typical roadway section with a 16’ raised median north and south of SR 24. The transitions will be completed within ADOT ROW.

The design team provided information and requested direction from the City regarding lighting on Crismon Rd to coordinate lighting on future Crismon Rd within ADOT ROW and on the Crismon Rd bridge over SR 24. The City is reviewing the lighting with developers and will provide information to the design team when it is available.

Crossroad Lighting (WFRd and Signal Butte Rd):

The design team provided information and requested direction from the City regarding roadway lighting on WFRd and Signal Butte within ADOT ROW and under the crossroad TI OP bridges. The City is reviewing the crossroad lighting and will provide information and direction to the design team when it is available.

Meeting Attendees:

▼ In this meeting (8)



Lastovica, Cole



David Shu (External)



Erik Guderian (External)



Melita, Gary
Organizer



Melody Zybur (External)



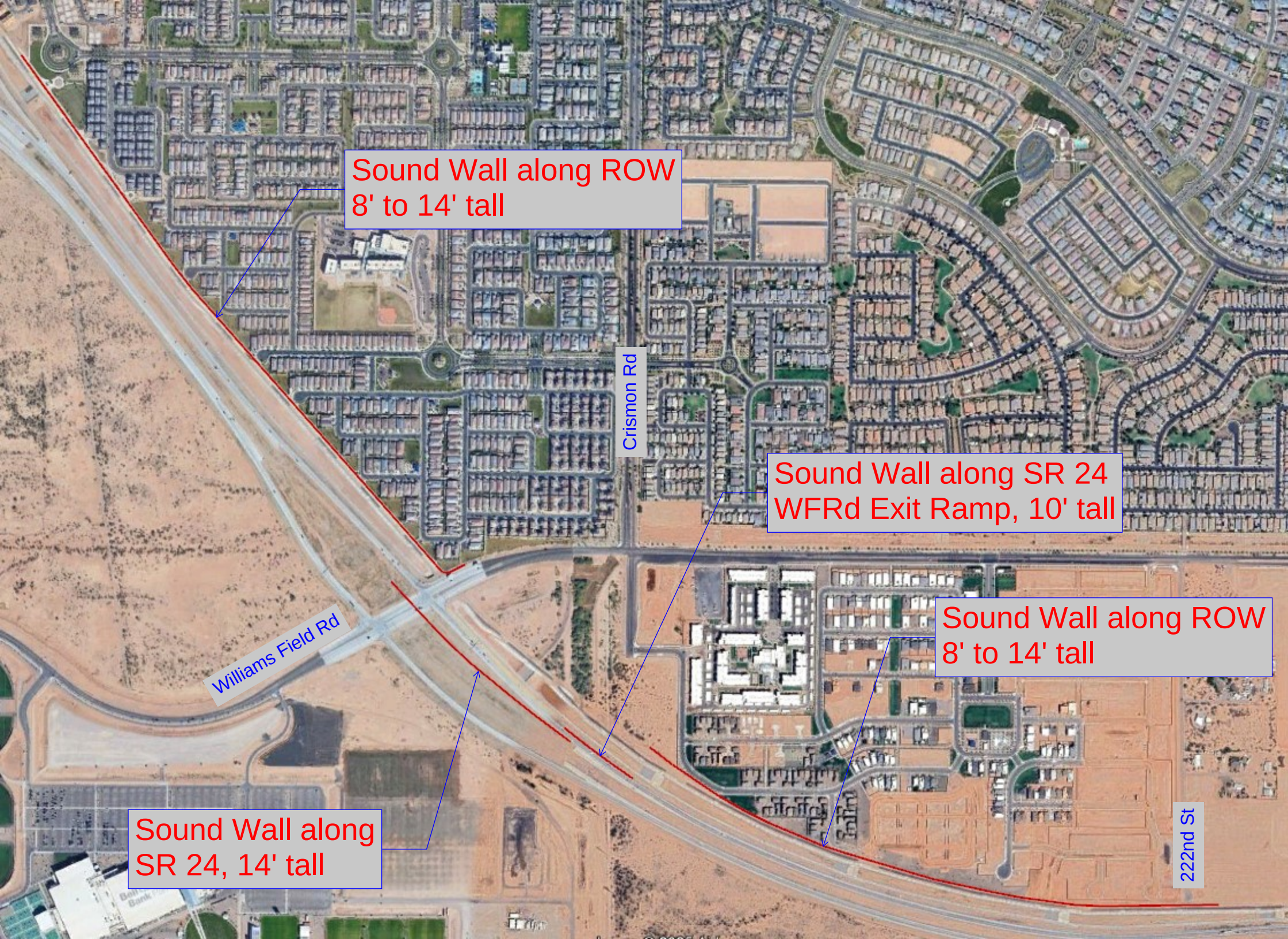
Ryan Hudson (External)



Sabine King (External)



Tricia Brown ADOT PMG (Unverified)



Sound Wall along ROW
8' to 14' tall

Sound Wall along SR 24
WFRd Exit Ramp, 10' tall

Sound Wall along ROW
8' to 14' tall

Sound Wall along
SR 24, 14' tall



Crismon Rd

Williams Field Rd

222nd St

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Ivan Racic

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Daniel Torres

dtorres4@azdot.gov

ADOT

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