

North of Provo Section Noise Analysis Process and Noise Walls

The FrontRunner 2X project team has conducted an analysis to evaluate projected noise impacts to properties near the future double-track section in Provo. Based on the results, the project team has determined that a specific area in this section qualifies for a noise wall east and west of 500 West adjacent to the new FrontRunner rail.

How Are Noise Walls Evaluated?

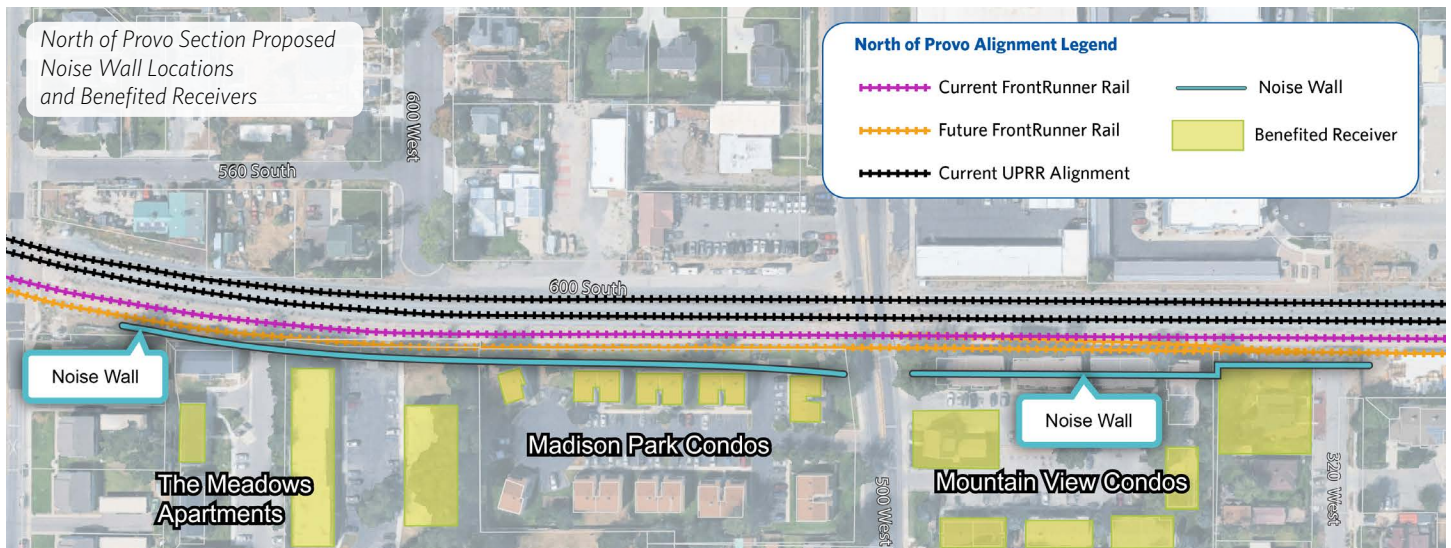
The noise analysis follows the Federal Transit Administrations (FTA) guidance to evaluate existing conditions, future operations, and potential effects on nearby homes.

A noise wall must meet two requirements based on an increase in noise impacts compared to existing conditions.

- **Reasonable:** Achieves noise reduction goals, is cost-effective, and benefits the majority of people in the affected area.
- **Feasible:** Can be constructed and safely maintained and does not restrict access to facilities.

Where Will the Noise Wall Be Located?

The location of the noise walls are shown in the illustration below. The noise walls will be about 12 to 13 feet high, as measured from the elevation of the existing tracks, or about 14 to 15 feet from ground level, and they will be designed to mitigate the noise impacts from the proposed project. The illustration below shows the planned location for the noise walls as well as which properties whose owners would be benefited receivers.



Do Property Owners Have a Choice Whether a Noise Wall Is Built?

Property owners who are considered “benefited receivers” can vote during a comment period from **Jan. 15 to 29, 2026**. A benefited receiver is a property owner whose property would receive the noise-reduction goal with the proposed noise-mitigation measure. If a majority (more than 50%) of benefited receivers oppose a noise wall then it will not be built and will not be considered in the future at this location. If a benefited receiver does not submit a comment form, UTA and UDOT will assume that the property owner is not opposed to a noise wall.



Scan QR code to review all documents related to the noise and vibration analysis for the North of Provo section or visit bit.ly/provonoise