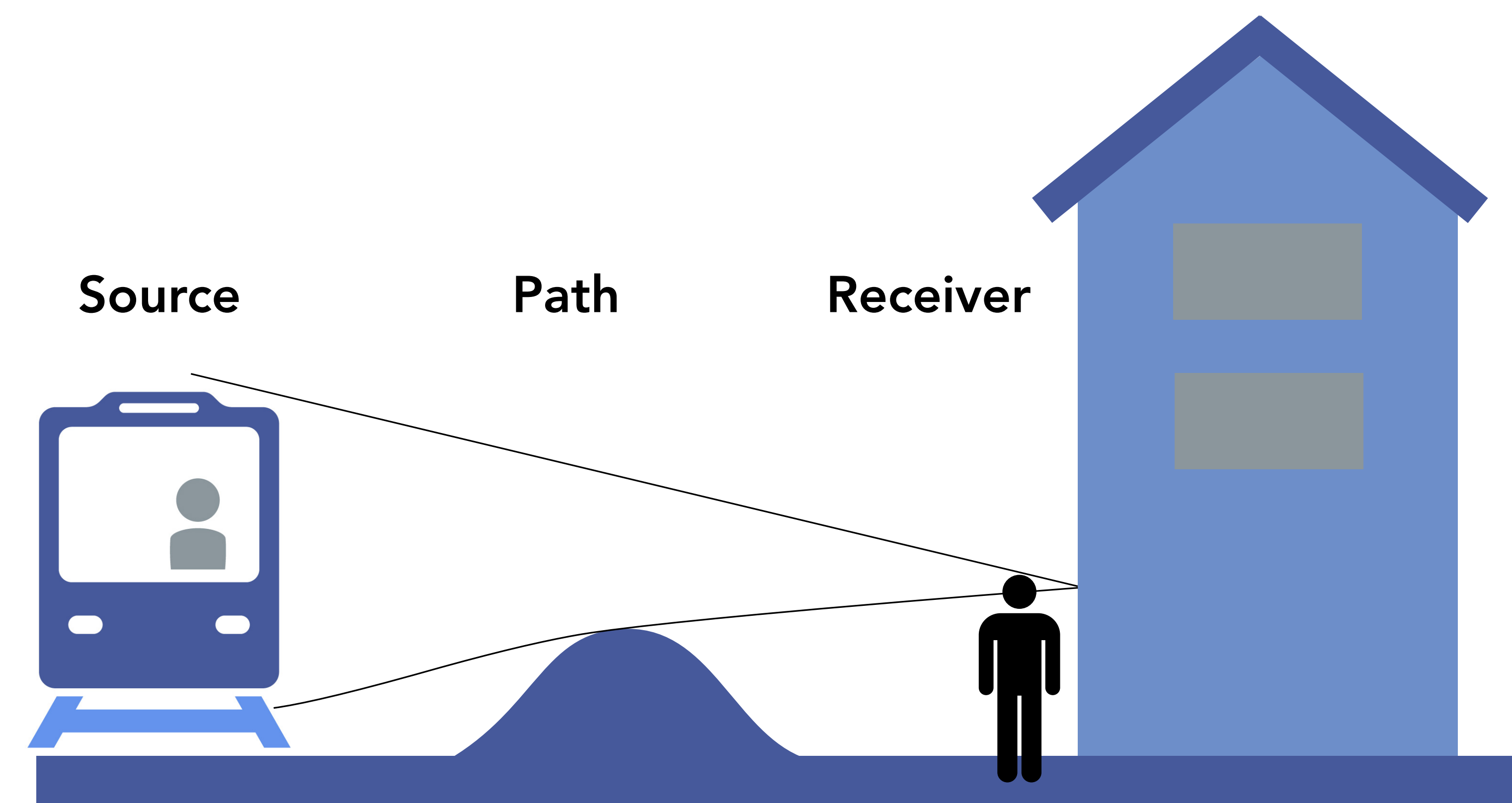


What is a Noise Impact Assessment?

Noise impact assessments are based on applicable FTA and Federal Railroad Administration (FRA) models, and are assessed using the source-path-receiver framework.

Source-Path-Receiver Concept



Source: What is generating the noise (e.g. LRT vehicle or freight train)?

Path: How far and over what type of ground does the noise travel?

Receiver: Who or what is experiencing the noise (e.g. residence, school)?

How Can Noise Impacts be Mitigated?

Mitigation measures can be applied to the source, path, and/or the receiver.

- **Source:** Wheel damping, rail grinding, wheel truing, wheel skirts, quiet zones
- **Path:** Noise barriers, berms, buffer zones
- **Receiver:** Sound insulation

Who Might be Impacted by Noise?

Noise impacts from the BLRT project are assessed by comparing the existing noise with the noise predicted to be generated by the project. Mitigation will be considered to reduce noise impacts.

