Noise Mitigation

- No Mitigation Implemented

**Noise Impacts with Horns**
- Moderate Impacts (no mitigation required)
- Moderate Impacts
- Severe Impacts

**Noise Mitigation**

- Quiet Zones
  A Quiet Zone is an FRA-approved section of rail line where trains do not sound horns. Additional safety measures must be in place to obtain approval of a Quiet Zone.

**Noise Impacts with Quiet Zones**
- Moderate Impacts
- Severe Impacts
City of Robbinsdale - Noise Impacts

February 2016

Noise Mitigation

- Quiet Zones
  A Quiet Zone is an FRA-approved section of rail line where trains do not sound horns. Additional safety measures must be in place to obtain approval of a Quiet Zone.

- Wayside Devices
  A wayside device is a warning device, such as a horn or bell, that is mounted at the grade crossing, rather than on the vehicle. The sound from the device is directed at the road and sidewalk where cars and people are. The use of a wayside device limits the amount of noise experienced by the community, while still providing a warning to vehicles and pedestrians at grade crossings.

- Noise Walls

Noise Impacts with Quiet Zones and 15 Second Wayside Devices

- Moderate Impacts
- Severe Impacts

Noise Impacts with Potential Noise Walls

- Moderate Impacts
- Severe Impacts

Draft - Work In Progress