

PROJECT BENEFITS

Noise Reduction Fact Sheet

Reduce noise levels for residents living along the project corridor

Proposed Noise Reduction Methods

- Elimination of train horns and crossing gate bells required at street-level train crossings in the project corridor
- Installation of retaining walls and sound attenuation walls along the tracks in the project corridor

Crossing Noise Reduction

Currently, trains are required to blast their horns as they pass through grade crossings, whose gates are accompanied by loudly ringing bells to warn nearby drivers and pedestrians, at all hours of the day and night.

- Horns must be blasted 4 times as trains approach and pass through each street-level crossing. In New Hyde Park, this results in nearly 3,000 horns blasts every day.
- Gates are down with bells ringing nearly 30 minutes of each hour during peak travel times in some areas.
- This noise would be completely eliminated with the elimination of the seven grade crossings along the project corridor.

Sound Attenuation Walls

The project proposes to build sound attenuation walls along the LIRR right-of-way in sections throughout the project corridor to further reduce noise levels from passing trains that generate wheel noise even when they don't blow their horns.

This will not only mitigate noise from new trains, but it will reduce noise below levels experienced today.

For detailed information on the noise reduction benefits, see the Draft Environmental Impact Statement available on the project website, www.aModernLI.com.

HOW SOUND ATTENUATION WALLS REDUCE NOISE

