

ENVIRONMENTAL OVERVIEW AND PROJECT FEATURES

Stormwater treatment

- Currently, there are limited stormwater treatment methods along this section of State Highway 16 which means the water run-off from the motorway is not filtered or treated before it enters the waterways.
- A new wetland area will be created as part of this project in the Lowtherhurst Reserve in Massey. Water run-off from the motorway will flow down to the wetland area and will be filtered and treated before it enters the local streams.
- Constructed wetlands remove contaminants by using a combination of planted vegetation and filter beds consisting of sand and gravel.

Waterways

- We will build part of the new Lincoln Road northbound on-ramp over Huruuru Creek so strict measures will be in place to look after this waterway during construction.

Noise

- New noise walls will be constructed along this section of State Highway 16 to help reduce noise levels for neighbouring residents.
- Assessments have been conducted and noise wall heights will vary depending on the height of the property in relation to the motorway.
- The Transport Agency endeavours to achieve the best outcomes for neighbouring property owners.

Urban design and landscaping

- The project area will be carefully planted and landscaped, mostly using native plants, shrubs and trees.
- There is an opportunity to incorporate some artwork and design features on the new Royal Road bridge.

Lighting and safety

- Lighting on the motorway will be upgraded to new LED lighting that is better quality, more efficient and cost effective.
- The new cycleway will also be lit at night time to keep pedestrians and cyclists safe.
- New concrete median barriers will be installed to improve safety.



Example noise walls taken from the Te Atatu Interchange upgrade project



Plan of new wetland area in the Lowtherhurst Reserve, Massey