

1 MacKays to Peka Peka Expressway

Kāpiti Road – Paraparaumu town centre

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At Paraparaumu town centre there will be an interchange that connects the expressway with Kāpiti Road. The expressway will cross over Kāpiti Road.

Kāpiti Road will need to be widened to provide the additional capacity for the expressway traffic and the on and off ramps. Where the expressway on and off ramps join Kāpiti Road, traffic lights will control traffic. This makes it easier for pedestrians and cyclists to cross, and regulates the flow of traffic on Kāpiti Road.

Mitigation considerations

- The visual appearance of the interchange bridge to people using Kāpiti Road is important.
- The use of noise barriers and planting to minimise effects of the interchange on adjacent residential properties.

- The need to integrate the interchange bridge design with on and off ramps and the local space is recognised. Trees, plants, construction finishes and lighting will be designed in a way that is sensitive to the environment and urban context.
- The ability to maintain views of Kāpiti Island or the western hills through the bridge is significant.
- The future form of Kāpiti Road itself in terms of footpaths, cycleways, signs, lanes, crossings, trees and other amenity influences will recognise the importance of this east-west connection to the community.
- The sustainable management of stormwater and existing floodable land will provide for the water runoff that will be generated by the expressway.



Indicative aerial view of the Kāpiti Road expressway interchange. The shared cycle/walk path can be seen on the left side - before mitigation work.



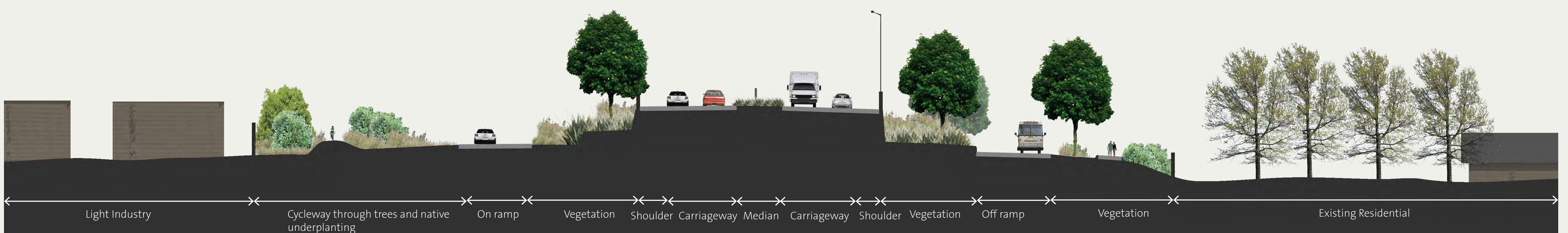
Indicative street level view looking east on Kāpiti Road with the hills in the distance - before mitigation work. The bridge design detail has yet to be undertaken.



Indicative street level view looking west on Kāpiti Road with the island in the distance - before mitigation work. The bridge design detail has yet to be undertaken.



The indicative mitigation design for the area around the interchange will consider the architecture of the bridge, the landscape design of the ground around the structure, and the way in which people move around and experience the bridge from below. This interchange is also a key 'gateway' point for expressway users and the way this is experienced by these users will be considered.



Indicative cross section through the Kāpiti Road area.