

## 1 MacKays to Peka Peka Expressway

### Mazengarb and Otaihanga Roads

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From Kāpiti Road north, the expressway will be within a confined corridor. The space at the edges will be used as planted buffers to the residential properties that border the expressway.

In some places noise walls will be integrated into the landscape with planting. A shared cycle/walk path will run parallel but separate from the expressway.

The expressway will go over Mazengarb Road. The road will be slightly lowered to reduce the height requirement of the expressway.

At Otaihanga Road the expressway crosses over it, and Otaihanga Road will remain in its current rural road form. The shared cycle/walk path continues to run parallel and will allow for connections to the local roads and paths.

Between Mazengarb Road and Otaihanga Road there are several wetland areas. Some of these will be utilised for stormwater management and combined with ecological enhancement. One has high ecological values and will not be utilised for stormwater treatment.



Indicative aerial view of the Mazengarb Road expressway bridge. The shared cycle/walk path can be seen on the right side - before mitigation work.



Indicative aerial view of the Otaihanga Road expressway bridge. The shared cycle/walk path can be seen on the right side - before mitigation work.



Indicative street level view looking east on Otaihanga Road - before mitigation work.



Indicative street level view looking west on Otaihanga Road - before mitigation work.

### Waikanae River

The expressway will cross Waikanae River on an architecturally designed bridge. The bridge is approximately 180m long and its supports must be carefully placed to take into account the significance of the river flow during floods.

The quality of the space beneath the bridge will be carefully designed in recognition of the importance of the river corridor for recreational uses.

A cycle/walk path will also cross here, to provide another crossing point in addition to the cyclist/pedestrian bridge lower down the river. A new access to El Rancho will be provided under the bridge.



Indicative view down the river west towards the coast showing the expressway crossing over - before mitigation work. The bridge design detail has yet to be undertaken.



Aerial oblique view of the existing Waikanae River area - the open rural landscape is visible to the left and El Rancho is visible to the right.



Indicative aerial view of the Waikanae River expressway bridge - before mitigation work.