

1 MacKays to Peka Peka Expressway

Poplar and Leinster Avenues

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Poplar Avenue

- From MacKays Crossing the Raumati Straight will be widened with a new edge strip along Queen Elizabeth Park. This will include shaped swales (channels) to catch and treat stormwater runoff from the road, planting and a shared cycle/walk path.
- The expressway will cross over Poplar Avenue, which keeps its connection with the former state highway.
- A partial interchange at Poplar Avenue will provide traffic from Poplar Avenue with access to the expressway and the former state highway. Northbound expressway traffic will be able to leave the expressway at Poplar Avenue and access the former state highway.
- The potential for a future railway station and carpark will be retained.

Leinster Avenue

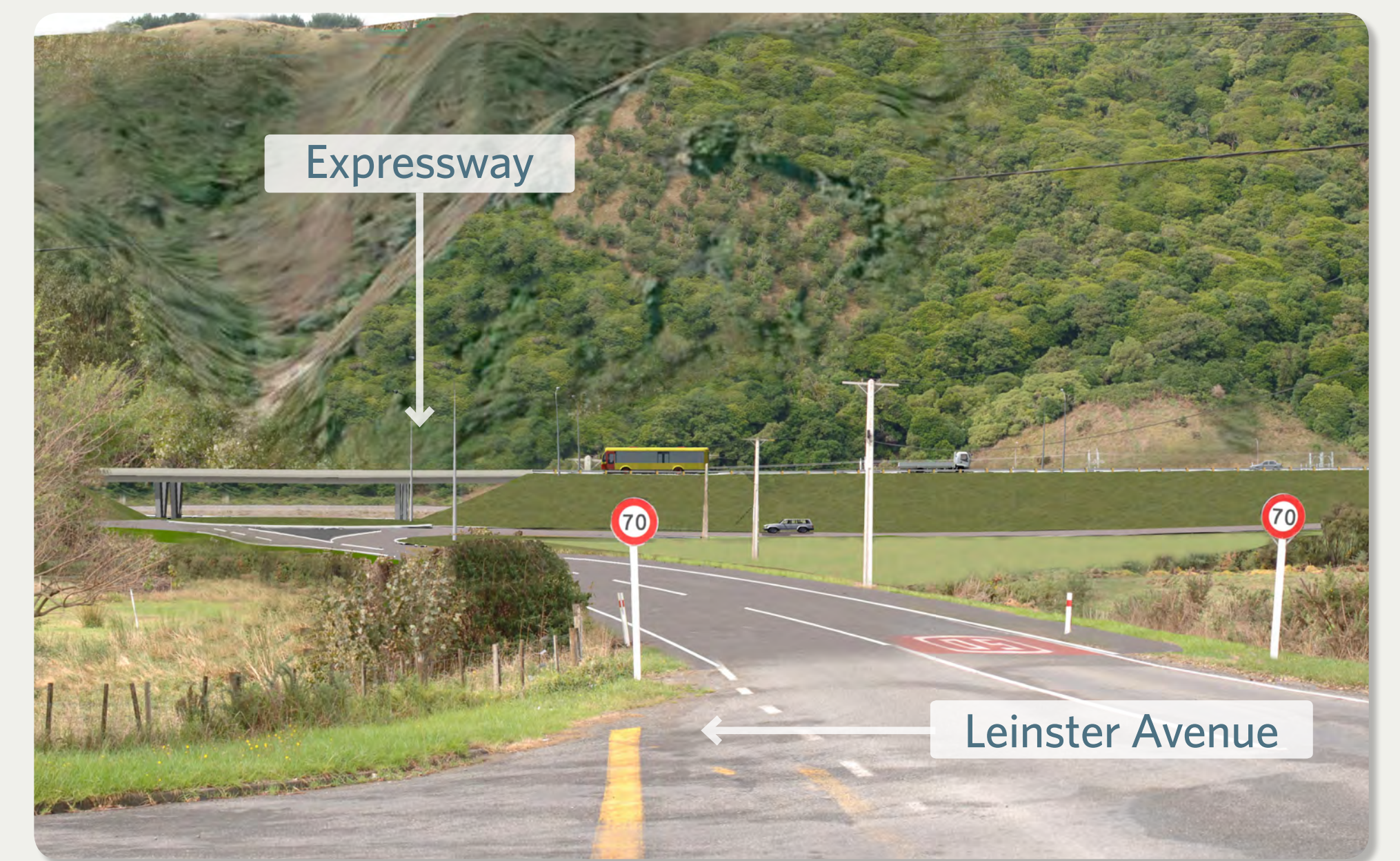
- Leinster Avenue will be closed at the expressway end, but the entrance to a new separate lane parallel to the expressway for access to properties north of Leinster Avenue will be provided.
- The landscape and planting in this area will be developed to provide visual and noise buffers between the expressway and the residential properties at Leinster Avenue.
- A shared cycle/walk path will also be provided.
- Stormwater management will be integrated with retained wetland areas to recognise the low lying nature of some of the surrounding area.



Indicative aerial view of the Poplar Avenue partial interchange looking south - before mitigation work.



The indicative mitigation design includes the integration of landforms - bunds - to buffer residential properties from the expressway. A combination of dense native underplanting and taller exotic trees matches the existing planted landscape. Noise barriers will also be incorporated in some areas with their design to reflect the nearby property's purpose. The wetland areas will be retained and will have a stormwater management function.



Indicative street level view looking towards the former state highway - before mitigation work.



Indicative street level view looking to the end of Leinster Avenue.



Indicative cross sections through the Leinster Avenue area showing existing residential properties to the left, through to the new expressway.