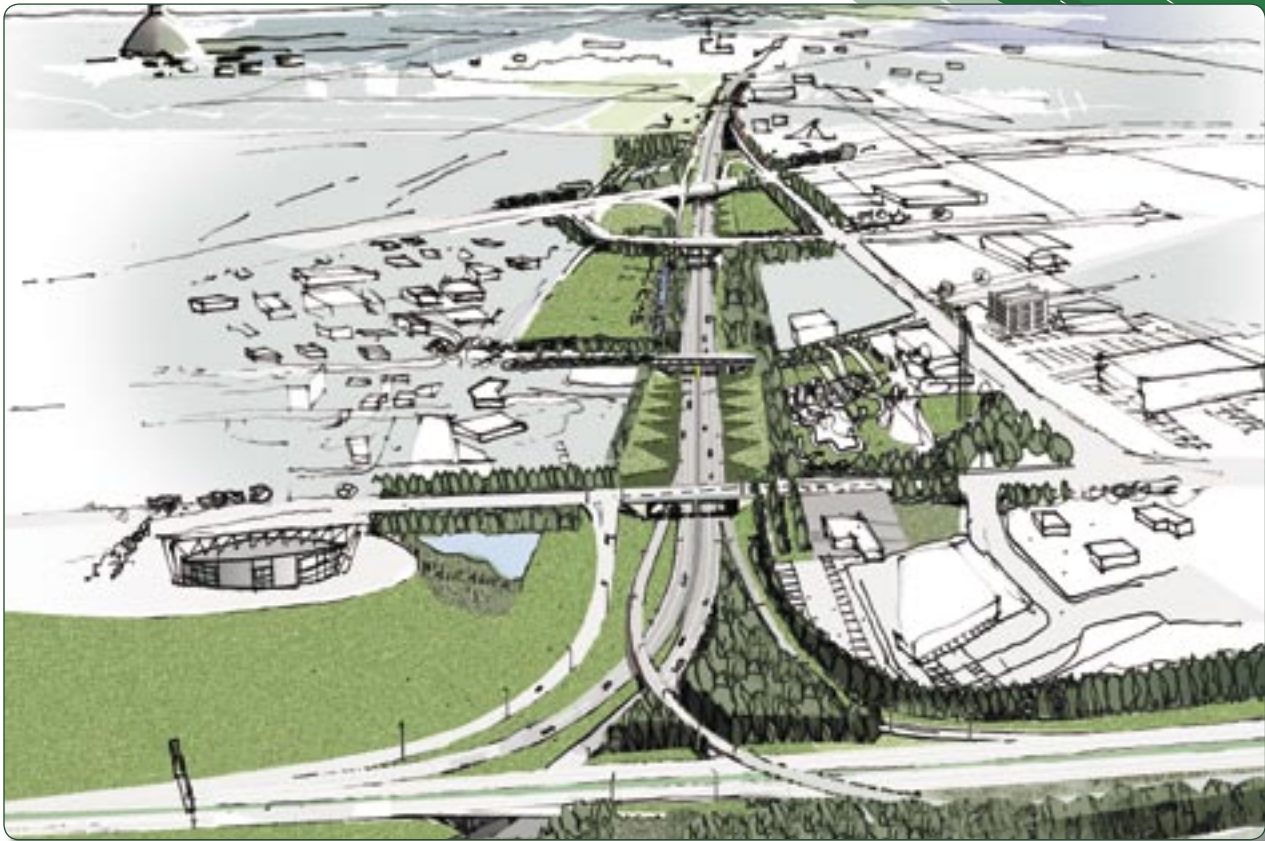


SH20 Manukau Extension

Linking SH1 and SH20



Project Update
ISSUE 2 ■ DECEMBER 2006



New motorway-to-motorway connection

The State Highway 20 (SH20) Manukau Extension will form the southern gateway for the Western Ring Route that will eventually provide an alternative route to State Highway 1 (SH1) between Manukau City and Albany.

Work is already underway for a new off-ramp from the Southern Motorway (SH1) at Manukau City, just south of Redoubt Rd, which forms the start of the SH20 Manukau Extension.

The off-ramp will be part of a new SH1-SH20 motorway-to-motorway interchange that will form a significant landmark on the Southern Motorway. The interchange will also include

Artist's impression of State Highway 1 (SH1) looking west over the new State Highway 20 (SH20) motorway interchange, running between the TelstraClear Pacific Events Centre and Rainbow's End.

a 10-span flyover across SH1 providing a link to Auckland International Airport.

Best of both worlds

Rivalry across the Tasman in sport and a range of endeavours is always intense. But sometimes a combination of skills from both Australia and New Zealand can prove to be a winning formula.

Leighton Works, a joint venture between Australian construction company, Leighton Contractors, and New Zealand's Works

Infrastructure is ensuring a wide range of skills will be put together to complete the SH20 Manukau Extension project.

Project Manager, Steven Knowles says his focus on the project is very much about team work, combining the local expertise of Works Infrastructure with Leighton's experience on large roading projects, to get the job done efficiently and with the least disruption to motorists.

Tree ferns moved from motorway's path

Three large tree ferns have been recovered from near the Plunket Ave site. The native plants have been replanted in Puhinui Reserve to ensure they are not harmed by construction.

John Smith of environmental group Te Ara O Puhinui says the plants have a good chance of survival:

"If they survive the summer they will be ok," he says.

Mr Smith says the 'eco-sourcing' philosophy means growing plants and seeds within the same region as they originated.

He says that trees of the same type but from different areas are distinct, so they prefer the type of soil and climate that they are used to.

Therefore seeds and plants growing in the Manukau ecological area should come from Manukau.

Te Ara O Puhinui is working on stream bank planting and a 12 km walkway from Puhinui to Totara Park as part of Te Araroa - the long pathway.

The group is working with Transit New Zealand to ensure public access to Puhinui Stream - one of the largest streams in Auckland - is maintained.

Looking after Puhinui Stream and our neighbours

The SH20 Manukau Extension project will cross the Puhinui Stream in several areas.

The stream is being closely monitored by Leighton Works to ensure impacts on the environment are minimised during the motorway project.

Water samples are taken and analysed to gather background information on the stream's water quality, before construction can start.

Once work is underway new samples will show if the stream's oxygen and pH levels have changed.



Water quality is measured at Puhinui Stream

The goal is to prevent any impact on the surrounding environment during construction, as well as measure any changes over time.

The sampling and analysis will be carried out by the independent consultant Environmental & Earth Sciences (EES).

Air quality and noise levels will also be monitored during construction.

Noise monitoring equipment has already been set up at some properties to identify background noise levels prior to construction. Dust and noise levels will be monitored throughout the project.

Site office to open soon

The design and construction team will be setting up a site office early next year.

It will be located off Wiri Station Rd, opposite Davies Ave and house 50 staff.

For any enquiries about the SH20 Manukau Extension project, please call 0800 242 242.

For more information about this project, please contact:

Iain Macleod
Project Manager
Transit New Zealand
Tel: (09) 368 2000
Fax: (09) 368 2059
Website: www.transit.govt.nz/projects/

