

16 Lincoln to Westgate project



A precast concrete beam is lifted into place on the Lincoln #1 Bridge.

Since the last project update in July, the Lincoln to Westgate team have been focusing on works that are key to the project's completion.

We have been laying the final road surface on the motorway, building the Lincoln motorway bridge and connected shared path, planting trees and landscaping, as well as multiple works associated with widening the motorway and improving the local road connections.

Many of these works are subject to good weather conditions, which haven't always been in our favour. In September, we had over 200mm of rain. We still expect the works on this section of the motorway will be completed by the end of this year, with the shared use path now due to open in mid-December.

LINCOLN #1 BRIDGE AND THE SHARED USE PATH

A big focus has been finishing the new Lincoln #1 Bridge over Huruhuru Creek. In early August the new bridge's Super T beams were delivered and installed on-site. Once placed, the beams allowed the building of the new bridge deck which was formed after reinforced concrete was laid in late August. After many other key tasks, the team were able to complete the 'stitch pour' over a Saturday night in late September.

The stitch pour involved pouring concrete to connect the two sections of the bridge which will form the new northbound and southbound lanes. The concrete needed 12 hours to 'cure' and reach an acceptable strength. The vibration from passing vehicles would have affected the strength of the concrete so we closed the motorway northbound. A Saturday night was chosen as there are fewer vehicles on the road.

Lincoln #1 Bridge will create the room required to complete the shared use path. The area is the key connection point for the shared use path to the Northwestern Cycleway. Once completed, cyclists and pedestrians will have a direct route between Westgate and the city links.



Concrete is poured to form the deck of the Lincoln #1 Bridge. The metal bars are steel and reinforce the strength of the deck.

WHAT WE NEED TO DO

OCTOBER 2019

Complete Lincoln #1 Bridge and the new Lincoln on-ramp.

Shift traffic to allow the completion of the shared use path.

Install the pedestrian screens on the Royal Road Bridge.

Complete the landscaping along the sides of the motorway and local road connections.

MID-NOVEMBER 2019

Lay the final motorway surface on the southbound lanes. This surface is designed to create less road noise than the previous motorway surface.

Complete the Royal Road Bridge improvements and open it to the public.

MID-DECEMBER 2019

Lay the final motorway surface on the new northbound lanes.

Open the motorway and the shared use path between Lincoln Road and the Westgate Interchange.

HARAKEKE RECOGNISED IN RESERVE

Lowtherhurst Reserve has been transformed as part of the project, with a new wetland to treat stormwater run-off and new native plantings, including nikau. One of these is harakeke – a plant that is significant to Māori and the environment.

Harakeke is harvested by Māori and is then used for weaving and medicinal purposes. This, combined with it acting as a natural filter for stormwater, means that it needs to be treated with respect and care.

A new sculpture will be placed in Lowtherhurst Reserve, where harakeke has been planted for community use. The sculpture recognises its importance and shares how to properly harvest the plant.

Next time you're walking through the reserve, take some time to look at the sculpture and the message it shares.



The new sculpture for Lowtherhurst Reserve.



Typical cross-section north of Royal Road showing the Northwestern Cycleway next to the upgraded motorway



PROJECT CONTACTS

Please contact Amanda Petherick at amanda.petherick@downer.co.nz
 Keep up with progress at: www.nzta.govt.nz/projects/the-western-ring-route/sh16-lincoln-to-westgate/

