

Christchurch Northern Corridor QEII Drive - southern interchange

PROJECT UPDATE

4 OCTOBER 2019



CONSTRUCTION NORTHERN ROUNDABOUT LANES STARTS

The CNC Alliance has built half of the two roundabouts that form the interchange under the QEII Drive overbridge. It's now time to move traffic over onto the side so we can build the other halves.

The traffic swap-over will happen at **4am on Friday morning, 11 October.**

What are we doing?

To construct the northern roundabout lanes on QEII Drive we first need to bring in an extra layer of gravel (a surcharge) to cover the existing lanes.

The surcharge layer will weigh down and improve the soft wet ground so the new roundabout lanes are sturdy. It will take around 120 days for this layer to settle. After removing the surcharge layer we can start the construction of the northern roundabout lanes.

Traffic Impact

At night Wednesday 9 and Thursday 10 October we will prepare for the lanes shift by moving the steel safety barriers and putting new water filled barriers in place on the curved sections.

Water filled barriers are used as they can be angled to fit around the roundabout shape. From 11 October two-way traffic on QEII Drive will drive over the southern side of the new roundabouts.

There will be a **30km/h speed limit** in place during the construction. This low speed reflects the normal speed used when entering a full roundabout.

Please drive to the changed conditions and lower your speed before and on these lanes.



REDUCED
COMMUTER
TRAVEL TIME



REDUCED
CONGESTION



IMPROVE
SAFETY



IMPROVE
WALKING
AND CYCLING



SUPPORT
ECONOMIC
GROWTH



The CNC motorway goes through Cranford Basin to connect to Cranford Street via a roundabout. The speed through the Cranford basin section will reduce from 80km/h at QEII Drive to 50km/h on Cranford Street.

PROGRESS ON QEII DRIVE OVERBRIDGE

We have installed all 445 extra steel piles and are now installing new prefabricated wall panels for the bridge abutments. Over 350 panels will be placed. When complete we will construct the concrete bank seats to support the beams. The beams will be placed in the new year.

INNES ROAD ROUNDABOUT

From late October/early November when the traffic has shifted over we will start stage 2 and 3 of the Innes Road roundabout construction, to be completed in March 2020.

HILLS ROAD REOPENING

To complete the two lanes and the roundabout upgrade on QEII Drive east we had to close the Hills Road intersection (left in and out) on QEII Drive. Depending on roading crew availability the road will reopen early November. Thank you for your understanding and cooperation during the road closure.



LANDSCAPING IN FULL SWING

On several sites along the motorway alignment you will see 'brown carpet' on the embankments and around the swales, this is wool plant mulch and coconut matting.

It protects the exposed soil, embankments and slopes from erosion caused by wind and rainfall. Wool and coconut fibres are biodegradable and also act as a mulch to help our plants grow.

During construction we can use three planting seasons to plant our native species. All plant seeds are locally sourced throughout the Canterbury region.

When the project is complete in 2020 we will have planted 630,000 plants and over 400 specimen trees along the motorway and shared pedestrian/cycle pathway.





The new CNC motorway will go over QEII Drive on a bridge. The shared use path taking shape can also be seen in the image.

FAQ: FREQUENTLY ASKED QUESTION

Q: Why is Marshland Road not being upgraded instead of building a new motorway?

A: Upgrading Marshland Road was investigated and dismissed due to unfavourable ground conditions meaning that widening and upgrading the road would require significant ground improvement and future maintenance costs.

And the large number of existing property accesses on to Marshland Road would limit the potential to develop a high volume, high speed arterial road. Plans for significant future developments adjoining this route would also require access to Marshland Road further reducing its functionality.

Q: What is the southern interchange and how do I use it?

A: Access to and from QEII Drive and the new CNC motorway will be provided by double roundabouts below the new QEII Drive bridge. On and off ramps at QEII Drive will enable drivers to join or leave the motorway using the two roundabouts. Motorway drivers travelling to the eastern suburbs of Papanui, Harewood or Bryndwr can take the off-ramp at QEII Drive.

Travellers on QEII Drive can get on the motorway at the roundabouts and head north of Christchurch or south to Cranford Street and the Central City. To see how this works, visit our website to watch an animated video on the southern interchange: www.nzta.govt.nz/projects/christchurch-motorways/christchurch-northern-corridor/videos/

Q: What is happening to the shared user path on QEII Drive between Main North Road and Innes Road?

A: The existing QEII Drive shared user path will be upgraded and in some parts realigned to connect with the upgraded Grimseys Road Subway and newly build Winters Road subway. Cyclists and pedestrians will go underneath the new motorway using the Winters Road Subway.

At the end of Winters Road east, the path connects with the existing upgraded path along QEII Drive. Using the Grimseys Road subway you will connect with the 11km shared user path along the new CNC motorway.



The QEII Drive interchange in construction.

ANIMATED VIDEOS

QEII Drive will have a U-turn bay just before the Main North Road intersection so vehicles travelling west can turn and head back to Grimseys Road. We have an animated video on how the u-turn bays on QEII Drive and Cranford Street will work. This and other animated videos are available on our website: www.nzta.govt.nz/cnc

How to use the u-turn bays on QEII Drive and Cranford Street

This video shows how to use the u-turn bays on QEII Drive and Cranford Street.



WHAT YOU NEED TO KNOW

- › Our regular working hours are Monday to Saturday between 7am and 7pm.
- › There will be noise and vibrations associated with the work. We will do what we can to lessen this.
- › Keep yourself, your children and pets at a safe distance from the work site. Please stay behind the construction fences at all times.
- › All work sites are subject to weather and other unforeseen conditions.



You can call us on **0800 262 200** or email us at info@cncalliance.co.nz or visit our office at 145 Winters Road in Mairehau. Sign up for email newsletters at www.nzta.govt.nz/cnc