

Christchurch Northern Corridor Waimakariri Bridge - SH1

PROJECT UPDATE

15 JULY 2019



POURING CONCRETE - CONTRAFLOW TRAFFIC MANAGEMENT WEEKEND

The Christchurch Northern Corridor (CNC) Alliance has lifted 20 bridge spans into place; 10 on the northbound bridge and 10 on the southbound bridge. That is well over half of the 34 spans that are needed.

There is a second concrete pour planned to construct the new bridge decks. Temperatures below 5 degrees will see this concrete pour moved from Friday night to Saturday morning and bad weather will see this pour rescheduled to the following weekend.

A contraflow traffic control will be in place from **Friday 19 July 6pm until Monday 22 July 5.30am**. Please expect slow moving traffic in both directions on SH1.

The widening of the bridge is taking place on the inside of the existing bridges. In total, we will need four concrete pours to construct the new bridge deck, which connects into the existing bridge deck with steel reinforcement.

To allow the concrete trucks and pumps to park next to the new bridge deck we will close the southbound bridge during the pour. The bridge stays closed to ensure there is no traffic vibration during curing.

Traffic Impact

On the weekend from 19 to 22 July, we will close the southbound bridge, and use contraflow traffic control to divert all traffic onto the northbound bridge. Southbound traffic will cross from one side of the motorway to the other before and after the bridges. Contraflow traffic management is in place from Friday evening, 19 July. Please merge like a zip before the bridge.

Please note the **Tram Road on-ramp** will be **closed** from around 7am to 6pm on 20 and 21 July. This is to reduce the traffic flow on SH1 southbound before the bridge.

During the contraflow, there will be a 60 km/h speed limit in place on the bridge.

Curing plays an important role on strength development and durability of concrete. It needs to dry slowly and the conditions need to be right.

As soon as the concrete meets the required strength we can reopen the bridge, which is likely to be by Monday 22 July 5.30am.



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SAFETY



IMPROVE
WALKING
AND CYCLING



SUPPORT
ECONOMIC
GROWTH



A temporary sealed section of road at the southern and northern end of the bridges accommodates the contraflow. An animated video on our website: www.nzta.govt.nz/cnc shows how the Waimakariri Bridge contraflow will work.

NEED MORE INFORMATION?

- If you are not receiving our project updates yet, please sign up at www.nzta.govt.nz/cnc or by emailing us at info@cncalliance.co.nz with Waimakariri Bridge in the subject line.
- Our updates and traffic notices on the bridge work will also be shared by the Waimakariri District Council: www.waimakariri.govt.nz
- Visit us during office hours. Our project site office is located at 145 Winters Road in Mairehau, Christchurch.
- Urgent question? Call us on 0800 262 200.



With traffic reduced to one lane in both directions traffic movements will be slow, please stay in your lane and expect delays. Please drive safely and keep your eyes on the road when you are driving. Only use the shoulder and the grass area in between the north and southbound lanes on the north side of the bridge for emergency situations.



Lifting the steel headstocks in place at night. These headstocks are mounted on the piers to strengthen them so they can carry the bridge spans and new deck.



You can call us on 0800 262 200, email us at info@cncalliance.co.nz or visit our website at www.nzta.govt.nz/cnc or our office at 145 Winters Road, Mairehau, Christchurch.