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Caversham Valley safety improvements

PROJECT UPDATE

MAY 2014

THE NEW RISELAW ROAD BRIDGE

While good progress is being on this project further down Caversham Valley up at the site of the new Riselaw Road Bridge at Lookout Point, there have been some “below ground” issues to address.

When excavating up to 5m below ground level at the bridge site to reach the sandstone bedrock, a substantial fault line was discovered. However, investigations of this fault and the geology of layers above the sandstone, reassuringly confirmed that the fault was effectively in-active.



Some 5m below the natural ground level at the site of the new Riselaw Road Bridge show the sandstone layer and in-active fault line.

Further drilling into the sandstone layer saw the discovery of an isolated cavity about the size of a double garage. As a precautionary measure, this cavity has now been filled with concrete.

These and other complex ground/geological conditions have meant a longer design lead-in time, before any of the above ground embankment and bridge works could start. This has meant the expected timeframe for completion of the whole project has now been extended from the end of this year to May 2015.



Drilling of the pile locations for the new central bridge pier. The centre of the new highway is where the existing footpath is.



Pumping of one the 25 truckloads of cement used to fill the cavity.



Computer generated view (of the city side of the bridge) of the new Riselaw Road Bridge, over the highway to Mornington Rd (note some features may be subject to change due to structural and detailed design requirements).

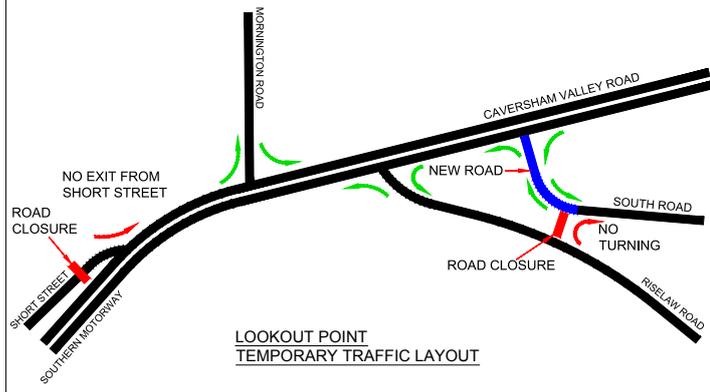
UPCOMING INTERSECTION CHANGES

Some significant changes in traffic layouts will soon be necessary, in preparation for a start on construction of the upgrading Mornington Rd intersection and the two large bridge and embankment works to carry an extended Riselaw Rd.

1. South Rd intersection with Riselaw Rd

This will be closed in July, meaning that you won't be able to drive from Riselaw Rd, down South Rd. This change will be permanent.

You will still be able to drive from South Rd to Riselaw Rd, by first turning onto the highway (via a new short link road), and then turning off the highway into Riselaw Rd. This change will be also be permanent, although the layout will be progressively adjusted as the construction works are progressed.



2. South Rd Bus Route - Reversal

With the closure of the South Rd intersection with Riselaw Rd, the Lookout Point bus routes that travel up South Rd and down via Waimea Ave, Ryehill St and Sidey St [bus routes 39 and 40] will be reversed. The Otago Regional Council is managing the change, which is planned to take effect from 1 July this year.



3. Closure of Short St intersection with the highway

This intersection will initially be closed to enable the relocation of a primary water main over Lookout Point, and will then be closely followed by construction of the Mornington Rd left turn slip lane - which requires a retaining wall and guardrail across the existing intersection. From then it will be closed permanently. Further notification to motorists and residents of Short St will be given closer to the time of these works.

4. Mornington Rd

On Mornington Rd, works to construct recess parking bays and the new intersection with the highway will also be progressed.

EARTHWORKS AND PAVEMENTS

New street lighting is now operating on the section of highway below the new bridge site and the new and wider footpath down Caversham Valley is available for use.

The new city-bound two-lane highway down to Aberfeldy St has been built and pre-sealed. It will eventually be coated with a smooth asphaltic cement layer similar to the one on the new four laning works (stage 1).

Work on forming and re-constructing the carriageway between Aberfeldy St and Barnes Drive is nearing completion. Traffic will then be moved across so that downhill traffic will use the new carriageway, and uphill traffic will use the former downhill carriageway. This will free up more space (the existing uphill carriageway) to enable the replacement of the ageing city storm water and foul sewer pipe lines. The replacement of these services is being funded by the Dunedin City Council, and timed to take advantage of the highway construction works, so it can be completed at a reduced cost.



A section of the new highway between Aberfeldy Street and Barnes Drive.

PROGRAMME SNAP-SHOT	MAY	JUNE	JUL	AUG
Construct central median island and complete highway from Barnes Drive to Aberfeldy St				
Undertake bulk earthworks backfilling at Lookout Point				
Utility relocation and replacement works - Lookout Point				
Transfer downhill traffic on to the new carriageway				
Closure of South Rd/Riselaw Rd intersection, reversal of bus loop				
Closure of Short St, undertake water main renewal				
Mornington Rd parking bays and carriageway works				

CONTACT AND FEEDBACK

More information about this project can be found at www.nzta.govt.nz/projects/caversham-highway/

A camera has been installed Lookout Point so you can view on this website construction progress and monitor traffic.

If you require any additional information or any questions/feedback regarding the project or its construction please email cavershamhighway@nzta.govt.nz

or contact:

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