

# Good progress made a year into construction

**It's been just over a year since the first sod was turned on the Christchurch Southern Motorway - Stage 2 (CSM2) and the project is progressing well.**

The CSM2 project will make Main South Road (State Highway 1) from near Rolleston to Robyns Road four lanes, and see a new section of motorway built to connect with the first stage of the Christchurch Southern Motorway at Halswell Junction Road.

The sod was turned on November 4, 2016 and the project is on track to open to traffic in early 2020.

The Downer McConnell Dowell Joint Venture construction team are making good progress, with two of the project's eight bridges almost complete, two new local roads open to traffic and more than 500,000m<sup>3</sup> of earth and other materials moved to make way for the new stretch of motorway.

The team have completed decks and other work on the Main South Road and Waterholes Road bridges and the Trents Road Bridge abutments are completed and ready to receive pre-cast beams in January 2018.

Work on another major structure, the Weedons Underpass, is in progress and temporary roads are being constructed at Halswell Junction Road and at the site of the future Shands Road/Marshes Road interchange. Traffic will be moved onto these roads in early 2018 to allow the team to start constructing these bridges.

Two new local roads, Manion Road and Tiptree Lane, opened to traffic earlier this year and Justine Drive, a third local road to the east of Main South Road, will open in January 2018.

There has also been extensive work to relocate power, telecom and other services along the project alignment. Meanwhile, at the city end of the project, John Paterson Drive is being extended to join with Halswell Junction Road. This work will continue into the first quarter of 2018 when the new alignment is expected to open to traffic.

The Christchurch Southern Motorway (Stage One, completed, and Stage Two, underway) is expected to halve travel time between Rolleston and Christchurch at peak times from 30 minutes to 15 and reduce fatal and serious crashes by 40 per cent. Stage One opened to traffic in December 2012 and Stage Two is on track to open to traffic in early 2020.

## Upcoming works

There will be a lot of major changes in 2018 when the team will begin to widen SH1 Main South Road to two lanes in each direction.

This is a large and complex operation that will involve extensive traffic management. Alongside this, work on the Weedons Interchange will be in full swing and construction of the overpass at Robyns Road will also be underway.

Earthworks and pavement construction will continue through the Greenfields section of the project from Robyns Road to Halswell Junction Road, with large amounts of material to be moved. It will be a busy year for the construction team as they head towards the half-way stage of the project.

Motorists travelling around the Selwyn District, near the project, should expect detours, speed restrictions and other traffic management as work continues.

Traffic will be closely monitored to minimise disruption and delays however, work of this scale cannot be undertaken without some effects. People should plan ahead and allow extra travel time.



Weedons Interchange

## Lizard relocation programme

Our lizard relocation programme is complete with a total of 575 southern grass skinks recovered and rehomed from across the CSM2 footprint.

Many of them ended up in our purpose built habitat, along with other skinks released during the CSM2 sod turning last year.



## Two new bridges almost finished

The Downer McConnell Dowell Joint Venture team have almost finished two of the eight CSM2 bridges.

Two 180-tonne cranes were used to put the final four 'Super-T Beams' that make up the Main South Road

Bridge into place in late August. This bridge is one of eight on the CSM2 project. It is made of 16 locally precast beams. The beams range from 30 to 35 metres long and weigh up to 68 tonnes each!

The Waterholes Bridge is also nearing completion.



Super-T beams going into place on the Main South Road Bridge earlier this year

## Why do we have traffic management?

Motorists driving through work sites often wonder why temporary speed limits are in place.

The speed limit varies depending on the degree of risk. The higher the risk is, the lower the speed limit. Here are some of the factors considered when choosing a speed limit.

- Loose stones on a sealed road which has been repaired or reconstructed
- If the safety of road workers could be affected
- The surface of the road is being sealed
- Workers or equipment are operating in traffic lanes
- The road width is reduced resulting in narrower lanes than on adjacent sections

Traffic management plans are approved by the Transport Agency, the Christchurch City Council and Selwyn District Council before work can get underway.

We want all road workers to go home safe every day. Traffic management is in place to protect both workers and motorists from hazards associated with work happening on our roads. Please respect them.

## Here to help you

A detailed construction management plan is in place to address public safety, temporary traffic management, working hours, noise and vibration, dust management, stormwater and sediment.

The construction team has appointed a stakeholder liaison manager to work with the public during construction.

## Meet the team

Would you like to meet the team and find out more about the project? The site office at 997 Robinsons Road is open to the public each Thursday from midday until 4pm.

Thursday between midday and 4pm  
Located at 997 Robinsons Road

## Construction zone - roadworks ahead

People travelling around the Selwyn District, near the project, should expect detours and road closures at times as work on the project continues.

Traffic will be closely monitored to try to reduce disruption and delays however, people should plan

ahead and allow extra travel time as work continues on the CSM2. Keep an eye out for signs detailing the dates of upcoming road closures and detours.

**Just a reminder:** The CSM2 team has noticed people walking their dogs and riding horses and motorbikes on-site recently. Please do not enter the site without permission.





# Key features

- Main South Road (SH1) will be widened to two lanes in each direction from the passing lanes north of Rolleston to Robinsons Road.
- A new section of motorway will be built from Robinsons Road to join the Christchurch Southern Motorway Stage 1 (CSM1) at Halswell Junction Road.
- A median safety barrier will separate oncoming traffic.
- The existing Rolleston Drive and Hoskyns Road traffic signals will not change as part of this project.

- A** A FULL INTERCHANGE WITH WEEDONS ROAD PASSING OVER SH1 MAIN SOUTH ROAD (GRADE-SEPARATED). THIS WILL ALLOW FULL ACCESS TO AND FROM WEEDONS ROAD AND WEEDONS ROSS ROAD, WHILE ALLOWING MAIN SOUTH ROAD TO REMAIN FREE-FLOWING.  
*Planned timeframe late 2018*
- B** WEEDONS ROAD WILL BE REALIGNED AT LEVI ROAD WITH THE PRIORITY CHANGING AT THIS INTERSECTION.  
*Planned timeframe 2018*
- C** MANION ROAD, A NEW LOCAL ROAD, OPENED TO TRAFFIC THIS YEAR. IT PROVIDES ALTERNATIVE ACCESS TO PROPERTIES ALONG THE WESTERN SIDE OF MAIN SOUTH ROAD.  
*Planned timeframe 2018*

- D** DIRECT ACCESS TO PROPERTIES ALONG BOTH SIDES OF MAIN SOUTH ROAD HAS BEEN REMOVED TO IMPROVE SAFETY AND TRAFFIC FLOW.  
*Planned timeframe 2017*
- E** ALTERNATIVE ACCESS TO PROPERTIES ALONG THE EASTERN SIDE OF MAIN SOUTH ROAD WILL BE PROVIDED. THIS WILL INCLUDE NEW LOCAL ROAD, JUSTINE DRIVE.  
*Planned timeframe 2017*
- F** LARCOMBS ROAD WILL BECOME A CUL-DE-SAC AT MAIN SOUTH ROAD.  
*Planned timeframe 2018*

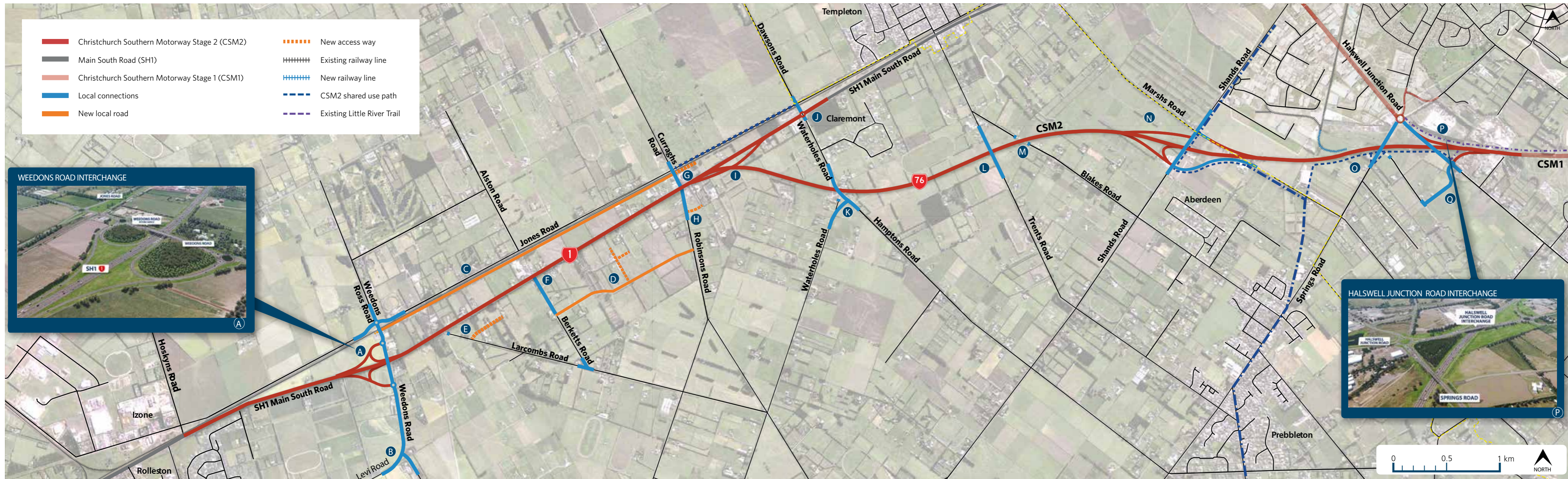
- G** BERKETTS ROAD WILL BE RESTRICTED TO LEFT TURNS IN FROM MAIN SOUTH ROAD AND LEFT TURNS OUT TO MAIN SOUTH ROAD.  
*Planned timeframe 2018*
- H** ROBINSONS ROAD WILL PASS UNDER MAIN SOUTH ROAD TO REMAIN CONNECTED WITH CURRAGHS ROAD.  
*Planned timeframe 2018*
- I** NEW LOCAL ROAD, TIPTREE LANE, HAS BEEN FORMED. AND OPENED TO TRAFFIC EARLIER THIS YEAR.  
*Opened to traffic early 2017*
- J** A NEW GRADE SEPARATED 'Y-JUNCTION' NORTH OF ROBINSONS ROAD WILL BE INCLUDED.  
*Planned timeframe 2018*

- K** A NEW ROUNDABOUT WILL BE BUILT AT THE DAWSONS ROAD/WATERHOLES ROAD/MAIN SOUTH ROAD INTERSECTION.  
*Planned timeframe 2019*
- L** WATERHOLES ROAD WILL PASS OVER THE NEW MOTORWAY. A MINOR REALIGNMENT OF WATERHOLES ROAD AND HAMPTONS ROAD WILL IMPROVE SAFETY AT THIS INTERSECTION.  
*Planned timeframe 2018*
- M** TRENTS ROAD WILL PASS OVER THE NEW MOTORWAY.  
*Planned timeframe 2018*

- N** BLAKES ROAD WILL BE CUT BY THE NEW MOTORWAY, BECOMING TWO CUL-DE-SACS.  
*Planned timeframe 2018*
- O** A FULL GRADE-SEPARATED INTERCHANGE AT SHANDS ROAD (SOUTH OF MARSHS ROAD) WILL ALLOW THE NEW MOTORWAY TO BE FREEFLOWING WHILE PROVIDING ACCESS TO AND FROM SHANDS ROAD VIA ON AND OFF-RAMPS.  
*Planned timeframe 2018*
- P** A NEW WALKING AND CYCLING PATH WILL CONNECT THE CSM1 SHARED USE PATH WITH THE LITTLE RIVER RAIL TRAIL.  
*Planned timeframe 2018*

- Q** ON AND OFF-RAMPS AT HALSWELL JUNCTION ROAD WILL PROVIDE MOTORWAY ACCESS TO AND FROM THE CITY FOR ALL VEHICLES.  
HALSWELL JUNCTION ROAD AND SPRINGS ROAD WILL PASS OVER THE MOTORWAY.  
*Planned timeframe 2018*
- R** JOHN PATERSON DRIVE WILL BE REALIGNED TO JOIN HALSWELL JUNCTION ROAD TO PROVIDE SAFE ACCESS.  
A SHOULDER WILL BE PROVIDED ON ALL LOCAL ROAD BRIDGES AND UNDERPASSES, WHICH CAN BE USED BY CYCLISTS.

A SHARED PEDESTRIAN AND CYCLE PATH WILL BE PROVIDED ON ALL LOCAL ROAD BRIDGES AND UNDERPASSES. THE MOTORWAY WILL BE BUILT CLOSE TO THE EXISTING GROUND LEVEL OVER THE MAJORITY OF THE ROUTE.  
*Planned timeframe early 2018*



# Project benefits

CSM2 will be able to carry more than double the traffic volumes of the current route with improved access to Christchurch and Selwyn districts. It will bring significant economic benefits for Canterbury and the wider South Island.

The project is expected to:

- halve travel times between Rolleston and Christchurch CBD at peak times from around 30 minutes to about 15 minutes (based on 2041 traffic figures)
- reduce congestion and crashes on the surrounding road network
- support continuing growth across the wider Selwyn District
- reduce traffic volumes on State Highway 1 (Main South Road) through Templeton, including over 2000 fewer trucks per day
- reduce traffic volumes on many local roads making them safer for pedestrians, cyclists and public transport.

Without the new motorway, traffic volumes on Main South Road would be expected to double in the next 15 years making access to and crossing Main South Road difficult and less safe.







Main South Road Bridge



An artist's impression of the CSM2 looking towards Christchurch



Main South Road beams going into place earlier this year



Robyns Interchange



Waterholes Bridge



Members of the Downer McConnell Dowell JV team working within the greenfields




## Keeping you informed

Keeping the community informed on progress is important to the team. Keep an eye out for regular newsletters or follow us on social media. If you have further questions please contact:

Downer McConnell Dowell Joint Venture, 997 Robyns Road, Rolleston

 03 347 2650

 [csm2-msrfl@nzta.govt.nz](mailto:csm2-msrfl@nzta.govt.nz)

 [nzta.govt.nz/CSM2](http://nzta.govt.nz/CSM2)

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Check for traffic delays at

 [tfc.govt.nz](http://tfc.govt.nz)

You can request project updates via our website or by emailing us.