

What's happening first?

The initial stage of the works will be happening in Zone 1 (Yaldhurst Road to Buchanans Road) where site preparation works will include the removal of any trees and stumps within the new road and footpath alignment, along with the relocation of existing utility services and the undergrounding of the overhead high voltage power lines.

Realignment of the footpath through Arcon Reserve and just south of the reserve entrance will be done before heavy construction starts in this area to ensure safe passage for pedestrians and cyclists clear of the construction.

The Papanui Stream will be realigned through the reserve and a dry basin will be constructed just south of Arcon Reserve. This dry basin is designed to treat stormwater run-off prior to discharging it into the existing council stormwater network. The dry basin will be grassed and landscaped.

A new larger culvert will be constructed under Carmen Road for the stream. This will also start on the west side of the road, then traffic will be diverted over this to allow the eastern side to be built.

Smaller enabling works may also be done in zones 2-7 at this time to ensure these areas are ready for heavy construction to start when the time comes.

Once the full western side of the road is completed in this zone traffic will be moved across to the western side to allow works on the eastern side to start.

Public access and information

At all times during construction, the public will have access through the area.

Traffic will still be able to drive through on either existing or new road surfaces. Pedestrians and cyclists will have access through existing or new footpaths and cycle lanes, or a combined footpath/cycle lane.

Updates will be available to community members and businesses via an email bulletin sent out on a regular basis. If you wish to receive this bulletin please send an email to artie.glen@heb.co.nz.

Our site office is situated just south of the Papanui Stream on the eastern side of the Carmen Road. We ask members of the public who wish to discuss any issues on the site, or have access to the site, to approach one of the project team (in blue hardhats with the HEB logo) before entering any active work zones.

This is for your safety. In many instances there will be hazards such as open excavations and heavy construction equipment working in these areas. Our project team target is zero harm to anyone - be they workers or the public, and we ask for your assistance in this.

Please feel free to contact us any time with questions, issues or concerns on 0800 HEB CAN (0800 432 226).

Want to stay in the loop?

Register for the email bulletin by emailing artie.glen@heb.co.nz.

Questions, issues, problems

If you have questions about any aspects of the project, please phone 0800 HEB CAN (0800 432 226) 24 hours.

Our contact details

For general enquiries, or contact information about the NZ Transport Agency, please check our website www.nzta.govt.nz or email us at info@nzta.govt.nz

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Christchurch Western Corridor

Carmen and Masham Roads four-laning from Yaldhurst to Waterloo Roads

Update
March 2012

Project background

The NZ Transport Agency (NZTA) is upgrading State Highway 1 (SH1) between Belfast and Hornby. This route, known as the Christchurch Western Corridor, includes Carmen and Masham Roads. This upgrade will widen Johns, Russley, Masham and Carmen roads to four lanes - two lanes in each direction with a raised median in between. Planning for the upgrade of Carmen and Masham Roads started more than 20 years ago when a designation was placed on the land required.

Construction strategy

The project has been divided into several zones to reduce the overall impact of the works in the area at any given time. These zones and the projected timings for the works are detailed inside.

Prior to construction, there are a number of tasks to complete to get the site ready. These include testing noise and vibration levels to ensure that as the works progress these levels are kept to a minimum. A representative from the project team will be calling on several of the businesses and residential properties within each zone before the works commence.

The new road surface will be constructed to chipseal level in all zones before we complete the final asphalt layer. The final asphalt layer will be a low noise surface.



For more information

More information on the Western Corridor and the Carmen and Masham Roads upgrade is available at www.nzta.govt.nz/projects/christchurch-motorways/

Register for the email bulletin at artie.glen@heb.co.nz

Project update

Construction to upgrade Carmen and Masham roads is about to start. This project is part of the Western Corridor, a roads of national significance project. HEB Construction Ltd. was awarded the contract to do this work in February 2012. Work is planned to be completed in November 2014.

What are the benefits...

- Reduced congestion.
- Improved access to the airport and Hornby.
- Improved safety for motorists with the raised median separating northbound and southbound traffic and improved intersections.
- Improved safety for pedestrians and cyclists with an off-road joint pedestrian/cycle path from Kintyre Drive to Waterloo Road and cycle lanes.
- Better management of stormwater run-off will benefit the environment.
- Landscaping and relocating overhead services underground will improve the appearance of these roads.

This project is part of the larger Christchurch Motorways programme of work. The Christchurch Motorways is one of seven roads of national significance for New Zealand.

Key features of this project

- Widening Masham Road and Carmen Road to two lanes each way, separated by a raised median strip.
- Upgrading the intersection of Carmen Road and Waterloo Road to improve traffic safety and efficiency by:
 - creating additional dedicated through-lanes for both north and south bound traffic
 - introducing dedicated right-turn lanes from Carmen Road to Waterloo Road in both directions
 - extending the two lane approaches along Waterloo Road to the Carmen Road intersection.
- Making Tirangi Street, Halwyn Drive and Chestnut Avenue left in/left out only intersections.
- Establishing 1.5m on-road cycle lanes on both sides of the road and a 3m off-road joint pedestrian/cycle path from Kintyre Drive to Waterloo Road.
- Replacing deep-dish gutters with conventional kerb and channel.
- Relocating overhead services (power and telephone lines) underground.
- Landscaping.



PROJECT TIMELINE

ZONE	LOCATION	WORK DATES
1	West side of Carmen Road between Yaldhurst and Buchanans	March–October 2012
2	East side of Carmen Road between Yaldhurst and Buchanans	October–December 2012
3	West side of Carmen Road between Buchanans and Waterloo	December 2012–March 2013
4	East side of Carmen Road between Buchanans and Waterloo	March–October 2013
5	West side of Carmen Road between Waterloo and SIMT railway	July–October 2013
6	East side of Carmen Road between Waterloo and SIMT railway	October–November 2013
7	Waterloo Road	November 2013–January 2014
FINAL ASPHALT SURFACING AND LINE MARKING		
1 to 6	Carmen and Masham roads	February–March 2014
7	Waterloo Road	October 2014



The sequence of works within each zone is:

- remove any trees within the new road alignment
- relocate existing services (power, communications, water, etc)
- install new stormwater drainage
- excavate and form the new pavement
- install the new kerbs and footpaths
- chipseal surfacing and line marking.

Once all zones are completed to this point we need to let traffic run on the chipseal surface for a period of time to allow for minor settlement. Then final surfacing (asphalt) will be laid.