



NZ TRANSPORT AGENCY  
WAKA KOTAHI

Roads of national significance



## Christchurch Western Corridor

### Carmen and Masham Update



HEB Construction



#### NZTA 63017: SH1 Yaldhurst Rd to South Island Main Trunk Railway – 4 Laning

##### Progress Bulletin #8 – June 2013

A quick bulletin to bring residents and businesses affected by the road works along this route up to date with what is happening and the immediate plan ahead.

#### Yaldhurst Rd to Buchanans Rd

The sewer relocation and the second (eastern) stage of the Paparua Stream culvert upgrade have been completed. Traffic is now running over the newly installed section of the culvert.

The majority of the road foundations of the northbound lanes has been laid and is now ready for the next stage. The next stage involves stabilising the road's base material with foamed bitumen. Foamed bitumen is a mixture of air, water and bitumen. When injected with a small quantity of cold water, the hot bitumen at 160 degrees Celsius expands to about fifteen times its original volume and forms a fine mist or foam. This expanded bitumen mist is mixed into pavement material that effectively binds the mixture together.

Weather conditions during winter are not conducive to the bitumen foaming process. The next stage of works will start in early spring when conditions are more favourable. All major works in this section have been postponed until early spring.

#### Buchanans Rd to Waterloo Rd

The upgrading of the new stormwater network and the connection to the existing stormwater main in Waterloo Rd East has been completed.

The road foundations of the northbound lanes between Waterloo Rd and Tirangi St have also been laid. This section is now ready for foamed bitumen stabilisation which we plan to start in early spring when weather conditions will be suitable.

Part of the four laning project construction works includes the upgrading of a 350m long section of the existing deep sewer main between Bella Rosa Drive and Halwyn Drive. The alignment of the sewer main is mostly within the median of the widened road. We are planning to start the sewer renewal works mid July. The upgrading of the sewer main will be our main focus in this section over the winter period.

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## **Waterloo to SIMT Railway**

The installation of the new street lighting, both east and west of Carmen Rd will be completed this week.

Since the beginning of June our drainage crews have been working night shifts to install the new stormwater network between Waterloo Rd and Smarts Rd. These works are carried out between 7:30pm and 5am to minimise disruption to road users. The full carriageway is opened during the normal busy day time hours. We expect to complete the stormwater works in August.

The construction of the new combined footpath and cycleway on the western side of Carmen Rd is well underway. The construction of the eastern footpath will start once the footpath on the western side of Carmen Rd is completed.

Regards,

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