

Progress to date

State Highway 2 west bound lanes

Surcharge material is currently being placed in a 300 metre section adjacent to SH2, whilst in other areas, the removal of the old SH2 is being undertaken as construction of the new west bound lanes continue. Beneath the surcharge material over 1000 wick drains have been installed to assist with the settlement of the ground below.

The earthworks team have also been constructing roadside swale drains and placing topsoil on finished areas.



Above: Removal of the old State Highway 2 material and the placement of surcharge



Domain Road interchange works

As the installation of the lightweight fill blocks for the large central embankment nears completion, construction of the third and final lightweight fill embankment has commenced. In total, over 12,400 lightweight fill blocks will be used to construct the three embankments, with over 8,200 installed to date.

Meanwhile earthworks for the new ovalabout has been undertaken off-line (behind the concrete protection barriers) and will be followed by the pavement crews stabilising the area prior to the asphalt being placed.

Parton Road bridge



Twelve piles for the Parton Road bridge have been driven to a founding depth of 32 metres and this work marks the last of the piling operations on the TEL.

Once piling was completed, reinforced steel and concrete was placed into each pile, which was then followed by the construction of the bridge columns.

Scaffolding is now in place to allow the steel fixing and structures crews to construct the pier heads which the bridge beams will sit on.

Pavements

Now the Paengaroa roundabout has been completed, the structural asphalt operation has commenced on the main alignment in Zone C, laying approximately 1000 tonne per day. The asphalt is being produced by a mobile asphalt plant which has been set up at the Fulton Hogan Poplar Lane Quarry, specifically to produce asphalt for the TEL.

To date, 70% of the TEL main alignment pavements have been either completed or are under construction.



Traffic management for August



**PLEASE STOP
ON REQUEST**

State Highway 2 Paengaroa

To allow the removal of an old roadside shelter belt between Maketu Road and the Paengaroa roundabout, both lanes will be temporarily closed for brief periods each day from *Tuesday 5th August through to Thursday 7th August, between 8.30am and 4.00pm.*

A stop/go along with a 30km/h temporary speed restriction will be in place during this time. Minor delays are to be expected.

Please note: the above work is weather dependent and subject to change.



Further traffic management

State Highway 2 between Te Maunga and Domain Road

- ◆ 80km/h temporary speed restriction

Tara Road, Domain Road, Parton Road and Bell Road

- ◆ 50km/h temporary speed restriction

Pah Road

- ◆ A priority give way and a 50km/h temporary speed restriction
- ◆ A second 50km/h speed restriction will be in place

**THANK YOU FOR
YOUR PATIENCE**



Above: East Coast Main Trunk rail bridge

Forward programme for August

Some key activities will include:

Mangatawa interchange

- ◆ Pavement construction commences on the northern embankment
- ◆ Central embankment column and pier head construction commences

Zone A stage 2—west bound lanes

- ◆ Kairua Road on and off ramp earthworks commence
- ◆ West bound lanes subgrade preparation for pavement works
- ◆ Street light installation commences

Parton Road bridge

- ◆ Construction of the bridge pier heads and placement of beams for two of three bridge spans

Domain Road interchange

- ◆ Pavement construction continues for the ovalabout
- ◆ Removal of the final surcharge material for the bridge embankment
- ◆ Placement of the final concrete beams on Bridge A
- ◆ Continuation of the lightweight fill embankment and bridge deck construction

Other works on the project will include:

- ◆ Construction of two noise fences
- ◆ Landscaping throughout site
- ◆ Installation of service ducting



Above: Landscaping in Zone C



Visit us at the TEL Visitor Information Centre
65 Tara Road, Papamoa. Monday to Friday 8.00am to 4.30pm.



Visit our website
www.nzta.govt.nz/tel for more construction images and videos.



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