

2 Tauranga Eastern Link

Construction update

Issue 21 December 2013

Progress to date

Second Mangatawa Interchange MSE wall grows

Construction of the second Mechanically Stabilised Earth (MSE) wall is well underway. Over 40,000 bags filled with cement stabilised fines are being used to create the front of the wall in half metre layers. Each layer is made up of compacted fill wrapped in bidum and geo-grid, giving strength to the wall. The finished height will be seven metres and will have approximately two metres of pre-load placed on top.

With the large amount of bags to be filled, the manual handling required was a real concern. Site staff developed a piece of equipment that allows them to fill 40 bags mechanically in approximately nine minutes, thereby minimising the manual handling and increasing productivity.



Above: Some of the bags in place



Above: Bags being placed onto the filler



Above: Cement treated material fills the bags



Above: The filler lifted off the full bags

Three local roads being re-aligned

Three roads, Bell, Te Tumu and Tara, are currently being re-aligned as part of the TEL works.

Te Tumu Road will be completed prior to Christmas and will have a new intersection on Maketu Road by the new Maketu Road bridge. A small section of Te Tumu Road (at the Young Road end) has now become a no exit road with a cul-de-sac. Bell Road will pass beneath the newly completed Kaituna River bridge and will be completed in the New Year.

Tara Road traffic has been shifted onto two new lanes and part of the new Tara Road roundabout (see image left) to allow a further two lanes and the new Domain Road/Tara Road intersection to be completed.





Forward programme for December

Zone A — Te Maunga to Domain Road

Pavement construction commences in Te Maunga Lane to complete the final road surface.

Other activities include the continuation of the:

- Noise wall construction in Te Maunga Lane.
- Construction of the Mangatawa Interchange MSE wall.
- Installation of stormwater lines.
- Pavement construction between Domain Road and Kairua Road.

Traffic management

State Highway 2

- An 80km/h temporary speed restriction from Te Maunga to Domain Road.

Bruce Road

- 30km/h temporary speed restriction and left turn in and left turn out only.

Zone B — Domain Road to Kaituna River

Construction of the Domain Road bridge B lightweight fill embankment continues.

Other key activities will include the:

- Stone column construction commencing at Mowing Boat Culvert A on Bell Road.
- Final pavement construction for the Bell Road re-alignment.
- Construction of the new Domain Road/Tara Road roundabout and approach lanes continues.
- Pavement construction continues between Parton Road and Bell Road.
- Installation of integrated traffic service ducting.

Traffic management

Tara Road, Domain Road and Bell Road

- 50km/h temporary speed restriction.

Parton Road

- Manual stop/go with a 30km/h temporary speed restriction.



Zone C — Kaituna River to Paengaroa

The Paengaroa site will have increased activity with pavement construction continuing.

Other key activities will include the:

- Te Tumu Road final re-alignment completed and re-opened to traffic.
- Final re-alignment of one major drain on Pah Road for Mowing Boat Culvert B.
- Continuation of the pavement construction at the Paengaroa roundabout.
- Installation of streetlights for the Paengaroa roundabout.
- Removal of surcharge material continues.
- Placement of topsoil and mulch.
- Construction of the sub-grade improvement layer continues.

Zone C Traffic management

Pah Road

- Two 50km/h temporary speed restrictions.

State Highway 2

- 80 km/h temporary speed restriction between Gullivers Road and SH2/SH33 intersection.

Te Tumu Road permanent and temporary closure

- A small section of Te Tumu Road is now permanently closed. The new re-alignment of Te Tumu Road is temporarily closed to allow the final construction of the permanent Te Tumu Road re-alignment onto Maketu Road and will re-open in December.



Tauranga Eastern Link Christmas break



The TEL construction site and Information Centre will close on Friday 20 December, with staff returning on Monday 6 January 2014. If you have any queries during the Christmas break, please call 0800 835 463 or 07 542 9900.

The Tauranga Eastern Link team would like to wish everyone a safe and happy Christmas and New Year.