



Tauranga Eastern Link

Construction update

Issue 19 September 2013

Progress to date



Above: Aerial view of aggregate being placed between Domain Road and Parton Road

Over 500,000 tonnes of aggregate to be used

Aggregate is currently being trucked in to build the pavements (road surface) on the TEL in areas where the desired settlement of the ground beneath has been achieved.

In total, over 500,000 tonnes of pavement aggregate (approx. 250,000 cubic metres) will be imported and placed to make up our pavements. These consist of a 250 millimetre cement treated sub-base layer, overlaid by either a 230 millimetre foamed bitumen stabilised layer or a layer of up to 200 millimetres of structural asphalt. The aggregate will be placed up to 30 metres wide in some areas of the TEL.

Paengaroa roundabout works

The landscape has changed recently with the removal of vegetation next to State Highway 2 in preparation for the future tie-in of the Te Puke and Rotorua legs into the new roundabout. The Whakatane leg can be seen in the image below where it will tie into the existing highway, just prior to the rail line, which will remove the current SH2/33 T-intersection when the roundabout is fully completed.



Mowing boat culverts

Two large box culverts are currently under construction on Pah Road. One culvert (culvert B) is 5.6 metres wide x 3.5 metres deep x 100 metres long and each unit weighs 24 tonne. The other (culvert D), is only 4 metres wide x 3.2 metres deep x 60 metres long and the units only weigh 15 tonne. Culvert B is longer due to it being constructed beneath the future re-aligned Pah Road and the TEL alignment, plus it is larger to take a greater volume of water.



Left: Mowing Boat Culvert B



Forward programme for September

Zone A — Te Maunga to Domain Road

Pavement construction will be the most noticeable activity as the new lanes are constructed throughout the zone.

Other key activities will include:

- The construction of Te Maunga Lane and the new southbound lanes at Te Maunga.
- Continued placement of topsoil on finished batters and swales.
- Installation of network drainage.
- Placement of the Mangatawa Interchange wall panels commencing.
- Installation of street lighting and protection barriers.

Traffic management

State Highway 2

- An 80km/h temporary speed restriction from Te Maunga to Domain Road.
- State Highway 2 slip lane to Papamoa at Te Maunga remains closed with traffic diverted via the Te Maunga roundabout.

Bruce Road

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



Mangatawa Interchange concrete protection barrier



TEL main alignment (left) and Pah Road earthworks (right).

Zone B — Domain Road to Kaituna River

Activity continues next to Tara Road and Domain Road as the new westbound lanes and the Tara Road roundabout are constructed.

Other key activities will include:

- Continuation of network drainage installation.
- Placement of aggregate throughout the zone.
- Completion of the stage two ground improvements at Domain Road allowing the structural fill to be placed.
- The placement of the Kaituna River bridge barriers and MSE wall panels.
- Placement of topsoil on finished batters.

Traffic management

Domain Road and Tara Road

- 50km/h temporary speed restriction.

Bell Road

- 50km/h temporary speed restriction.

Parton Road

- A manual stop/go and a 30km/h temporary speed restriction.

Zone C — Kaituna River to Paengaroa

The Paengaroa roundabout site will see roadside drainage swales completed and stabilised with topsoil and mulch.

Other key activities will include:

- Continued construction of Mowing Boat Culvert B and Mowing Boat Culvert D.
- The deck construction continues on both the Maketu Road bridge and East Coast Main Trunk bridge.
- The last remaining area requiring the placement of pre-load material will be completed.
- Removal of pre-load material and the placement of tephra as shoulder encapsulation material continues.

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.

Maketu Road

- A 300 metre section of Maketu Road is temporarily closed with traffic diverted on to the new section of Te Tumu Road diversion and Te Tumu Road. A 50km/h temporary speed restriction is in place.