



Tauranga Eastern Link

Construction update

Issue 22 February 2014

A big year ahead for the TEL

Traffic changes and a bridge take shape

Many areas of the TEL will see changes in 2014, as traffic switches occur and another bridge commences construction. Some of the key activities in the first half of the year will be:

Kairua Road

At the State Highway 2 intersection, Kairua Road will become a left turn in and left turn out only road.

State Highway 2/33 Whakatane/Rotorua intersection

The Paengaroa roundabout will be opened eliminating the existing T-intersection.

State Highway 2 between Domain Road and Te Maunga

Traffic will be switched onto the new TEL eastbound lanes to allow stage two of construction to commence on the existing highway.



Above: Paengaroa roundabout

Parton Road bridge

Construction will commence and is expected to be completed at the end of the year. The first stage of construction will be driving 12 piles to a depth of up to 50 metres.

Tara Road/Domain Road intersection

The new roundabout will be fully operational with traffic switched onto the new lanes.

Below: Parton Road bridge site



Progress to date

Mangatawa Interchange MSE wall grows

Most areas of the TEL have been busy since work recommenced after the Christmas/New year break, with the summer weather providing a good platform for road and bridge construction.

The final Mangatawa Interchange MSE (Mechanically Stabilised Earth) wall is nearing completion. Over 40,000 sand bags and 21,000m³ of material has been used, with a further 10,000m³ of material to be used as structural fill and 10,000m³ as surcharge to assist settlement of the ground beneath the embankment.



Above: Mangatawa Interchange central embankment



Above: Bell Road

Local road almost complete

A small section of Bell Road has been re-aligned as the TEL main alignment dissects Bell Road. The new section of road passes beneath the Kaituna River bridge, providing access to the boat ramp, farm land and residential properties. Traffic is expected to be switched onto the new section in February.



Forward programme for February

Zone A — Te Maunga to Domain Road

Pavement construction continues on the eastbound lanes. Other key activities include:

- Placement of surcharge material on the Mangatawa Interchange southern wall.
- Installation of sub-soil drains.
- Pavement construction between Bruce Road and Kairua Road commences.
- Placement of topsoil and mulch.
- Construction of drainage swales.

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.



Above: Pavement box-cut operation near Bruce Road.

Right: Laying of structural asphalt Zone B.

Below: The second lightweight fill embankment under construction.



Zone B — Domain Road to Kaituna River

Construction of the lightweight fill embankments continues for the Domain Road Interchange bridges.

Other key activities will include:

- Stone column construction continues at Mowing Boat Culvert A on Bell Road.
- Construction of the new Domain Road/Tara Road roundabout and approach lanes continues.
- Pavement construction continues between Parton Road and Bell Road.
- Installation of street lighting between Domain Road and Parton Road.

Traffic management

Tara Road, Domain Road and Bell Road

- 50km/h temporary speed restriction.

Parton Road

- At 50km/h temporary speed restriction and at times, a 30km/h temporary speed restriction with a manual stop/go operation.



Left: Mowing Boat Culvert C.

Zone C — Kaituna River to Paengaroa

Work increases at Paengaroa as the new Paengaroa roundabout approach lanes are constructed.

Other key activities will include:

- Construction of Mowing Boat Culvert C continues.
- Installation of streetlights for the Paengaroa roundabout.
- Removal of surcharge material continues.
- Placement of topsoil and mulch.
- Construction of the cycleway.
- Installation of network drainage.

Zone C Traffic management

Pah Road

- Two 50km/h temporary speed restrictions.

State Highway 2

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