



# Tauranga Eastern Link

## Construction update

Issue 10 June 2012

### Progress to date



One of 16 piles being driven for the ECMT bridge

### East Coast Main Trunk (ECMT) rail bridge

Piling is well underway on the ECMT bridge with the northern side (Maketu Road) almost complete. 16 piles have each been driven 30 metres into the ground. Reinforced steel will now be placed inside each pile with concrete poured in to create a solid pile. The operation will set up on the southern side to drive another 16 piles.

Construction of a keystone wall for the northern bridge abutment has commenced and is expected to take six weeks to complete.

### Progress to date

### Parton Road future temporary diversion and service relocation

Motorists on Parton Road will have noticed recent activity in the area, the building of what appears to be a long pile of sand adjacent to Parton Road. This is the foundation fill and pre-load material for a temporary diversion road. In the future, Parton Road traffic will be shifted onto the diversion road to allow for the construction of the underpass in the vicinity of the existing road. This will minimise disruption to road users during construction of the underpass.

Power relocation is almost completed in this area with new poles and lines installed. All that remains to be relocated are the Telecom services.



Parton Road temporary diversion underway

### Mangatawa interchange MSE wall reaches finished height

Large, white, sand filled bags now feature on the Mangatawa interchange MSE wall. At the base of the bags is the finished height of the fill material required for the bridge embankment. A total of 600 bags, each filled with one cubic metre of sand, will be placed as part of the pre-load required, with more pre-load material loaded up to a height of 3.5 metres and will sit up to eighteen months while settlement occurs.



## Forward programme for June

### Zone A — Te Maunga to Domain Road

Activity increases at the Domain Road interchange site with placement of pre-load material and installation of wick drains.

Key activities this month include:

- Placement of fill and pre-load material adjacent to Domain Road.
- Installation of wick drains adjacent to Tara Road.
- Re-commencement of the installation of a new stormwater system at Te Maunga.
- Delivery and placement of fill material between Mangatawa interchange and Domain Road.
- Stage two of construction commences on the northbound lanes at Te Maunga.

#### Traffic management

##### Domain Road

- 50km/h temporary speed restriction.
- State Highway 2 slip lane to Tauranga closed with traffic diverted via the Domain Road roundabout.

##### State Highway 2

- An 80km/h temporary speed restriction from Te Maunga to Domain Road.
- Bruce Road left turn in and left turn out only.



*The first of 600 sand filled bags on the Mangatawa interchange*



*Mangatawa interchange (Truman Lane side) embankment fill material now completed with pre-load rubble on top.*

## Forward programme for June cont..

### Zone B — Domain Road to Kaituna River

The main activity will be at the Kaituna River bridge site with the continuation of the piling operation.

Key activities this month include:

- Placement of pre-load material between Parton Road and the sand cut.
- Delivery and placement of topsoil to close out finished batter slopes and swales.
- Continuation of the piling operation on the western side of the Kaituna River at Pier C.
- Commencement of the placement of reinforced steel and concrete in the piles.
- Delivery and placement of pre-load material for the Kaituna River bridge west embankment.

#### Traffic management

##### Bell Road

- 50km/h temporary speed restriction, with TEL construction traffic required to give way to all Bell Road traffic.

##### Parton Road

- 30km/h temporary speed restriction.
- Manual stop/go (as required) with minimal delays expected.

### Zone C — Kaituna River to Paengaroa

The piling operation continues at the ECMT rail bridge site.

Key activities this month will include the continuation of the:

- ECMT bridge piling operation on the southern side.
  - Construction of the ECMT bridge keystone wall for the northern abutment.
  - Placement of fill between Pah Road and Te Tumu Road.
- And commencement of the:
- Installation of wick drains at two mowing boat culvert sites.
  - Earthworks in the Te Tumu Road and Maketu Road area (re-commences) to supply fill material for the bridge embankments. This will be a short-term operation and is weather dependant.

#### Traffic management

##### Pah Road

- Two 50km/h temporary speed restrictions.

##### Maketu Road

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