

2 Tauranga Eastern Link

Construction update

Issue 3 July 2011

Progress to date

Haul roads continue to grow, changing the TEL landscape

To date, eight 40 tonne dump trucks have been hauling up to 2,500 cubic metres of sand a day, from an area within the TEL designation known as the 'sand cut', constructing the haul roads which construction traffic will use.

Currently the haul roads from Parton Road to Domain Road and Parton Road to the Kaituna River are under construction. Settlement plates have also been installed to measure the rate of settlement of the ground beneath. The haul roads are 23 metres wide and 1 metre high. To date over 5km of haul roads have been completed.



Top: Parton Road to the Kaituna River—April 2011



Left: Moxy's ready for loading at the sand cut



Right: A 40 tonne Moxy crosses Parton Road



Bottom: Parton Road to the Kaituna River—July 2011

Concrete barriers offer protection on State Highway 2



Barriers installed on State Highway 2

Over the past few weeks, motorists travelling between Bruce Road and the Domain Road interchange have observed the installation of orange traffic cones and concrete protection

barriers. These barriers are required to ensure the safety of motorists from the TEL construction work. A temporary speed restriction of 80km/ph is now in place coinciding with the closure of the Bruce Road passing lane.

Stone columns stabilise the ground at the Kaituna River

More than 540 stone columns, up to a depth of 14 metres, have been constructed on both sides of the Kaituna River. The western side of the river, now has two rigs operating and is well on schedule. The stone columns will stabilise the ground for the Kaituna River bridge approach embankments.



Kaituna River East

Forward programme for August

Zone A — Te Maunga to Domain Road

House removals, and the construction of sand blankets in preparation for the upcoming ground improvement work in this area will see a hive of activity throughout August.

Key activities will include:

- The continuation of house removals.
- Service relocation at the Domain Road interchange.
- Placement of pre-load and fill material between Bruce Road and Domain Road.
- Ground improvements continue with the installation of wick drains.
- The construction of a trial embankment at the Mangatawa interchange commences.
- The commencement of drainage works at Te Maunga.



Wick drains being installed at the Domain Road interchange

Traffic management

Long-term temporary traffic management will continue as follows:

Domain Road

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

State Highway 2

- Bruce Road passing lane closed.
- An 80km/ph temporary speed restriction from Bruce Road to Domain Road.
- Bruce Road left turn in and left turn out only.

Forward programme for August cont....

Zone B — Domain Road to Kaituna River

With the preliminary works almost completed, the focus for August is on haul roads and stone column construction.

Key activities will include:

- Haul road construction from the sand cut to Domain Road and to the Kaituna River.
- A temporary drainage crossing at Bell Road.
- Ground improvements continue with the construction of stone columns.
- The continuation of service relocations.

Traffic management

Parton Road—Long term temporary traffic management will continue as follows:

- 50km/ph temporary speed restriction.
- Manual stop/go as required.

Zone C — Kaituna River to Paengaroa

Orchard reconfiguration, shelter belt clearing and fencing will continue.

Key activities will include:

- Completion of the kiwifruit orchard reconfiguration and installation of shelter belts.
- Fencing of the TEL boundary from neighbouring land.
- Continuing construction of stone columns on the eastern side of the Kaituna River.

Last word

Preserving history

Many areas of the TEL pass through areas of historical and archaeological interest.

Protocols have been established specifically for the

TEL, with hapu monitors and an archaeologist on site as required. In the event of a discovery the archaeologist conducts a full examination of the area to record details.

To date, discoveries of obsidian, hangi stones, and middens have been recorded with minimal disruption to the construction programme. Many believe construction is stopped if there is a discovery, however this is not the case, with the area of the discovery protected allowing earthworks to continue.

