

What has been happening

- **Earthworks, earthworks, earthworks - 60 per cent complete**

 - Challenges from varying soil quality and high water content
 - Lot of conditioning work required to use existing soils; much proving unsuitable
 - These issues are likely to affect the programme
- **Interchange bridge work**

 - Piling and retaining walls built
 - Beams to go on Te Kauwhata and Rangiriri bridges
- **Te Onetea Road realigned to make way for four-lane Expressway construction**
- **Final pavement construction south of Rangiriri under way**

 - Speed restrictions have been extended further south for safety reasons
 - Changing temporary traffic management over the coming months as construction progresses. See poster with proposed changes
- **Wayside Road-Te Kauwhata Road roundabout built**
- **Black mudfish returned in September to new and improved habitat**

 - Mudfish will be burrowing into mud for the summer
 - Habitat will be monitored and fish numbers and health checked before winter



Top: Te Kauwhata interchange bridge work
 Bottom: new roundabout at Te Kauwhata Road



Mudfish release



Culture and heritage plans - linking back to the past

Rangiriri is steeped in history - and the site of a fierce 1863 battle between Maori and colonial troops.

SH1 currently cuts through the original Rangiriri Pa. With the new route toward the Waikato River there is an opportunity to recreate the site.

The Transport Agency, along with Waikato-Tainui and Fletcher Construction, plan to symbolically reveal and interpret the original pa fortification and landscape associated with the battlefield.



A concept plan of the pa fortifications

Concepts

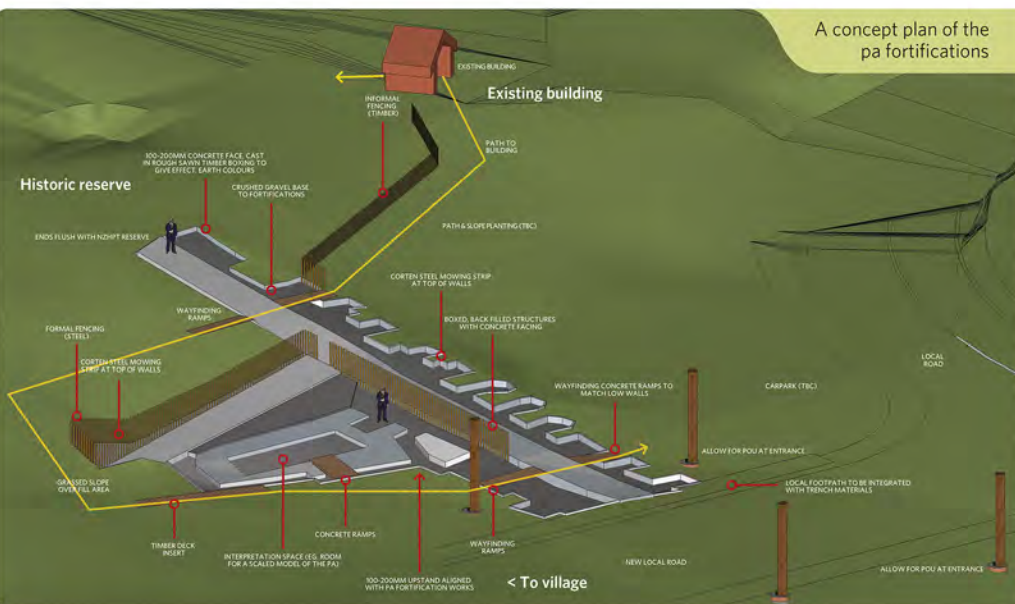
Consultation with Heritage NZ and iwi has seen concept layout options developed.

3D computer modelling and historic military survey maps were used to reveal the pa footprint.

What's the timeframe?

Final decision on what will be built:
Later this year.

Physicals works: 2016-17



Refined pa concept includes the following design elements:

- Topography to represent the pa landform, over the existing SH1 cutting
- Landscape works which trace the footprint of the pa derived from historic maps and archaeological surveys
- Palisade design features represent the fortification and original height of the earthworks
- Accessible contour and crossing points so the pa can be experienced
- Pou/artwork features aligned with the pa and historic 1863 battlefield trench
- Space for interpretation and signage



Battle of Rangiriri 150th commemorations in November 2013

Rangiriri interchange traffic management

Traffic management will be increasing around Rangiriri to allow construction of the Rangiriri interchange and main alignment of the Expressway. Access to Rangiriri will be maintained using staged diversions between now and project completion.

Stage 1: February to May 2015

To allow construction of the long-term temporary alignment for SH1 traffic and partial construction of the new south-bound Expressway

- No left turn into the Rangiriri intersection off SH1 for south-bound traffic
- Glen Murray traffic diverted to the Te Kauwhata roundabout to turn and access Rangiriri via northern end of Rangiriri Road
- South-bound SH1 traffic access Rangiriri via northern end of Rangiriri Road

Stage 2: May 2015 (for 7 days)

- Access into Rangiriri from SH1 is closed at the southern end
- North-bound state highway traffic and traffic from Glen Murray needs to use the Te Kauwhata roundabout to turn and access Rangiriri via the northern end of Rangiriri Road
- South-bound SH1 traffic access to Rangiriri via the northern end of Rangiriri Road
- Rangiriri exit north is available

Stage 3: May onwards (for up to 18 months)

- Access north and south from Rangiriri reopened
- Glen Murray traffic use the new Rangiriri roundabout to access Rangiriri and state highway
- North-bound SH traffic use the new long-term temporary SH1 alignment
- South-bound SH traffic use the new south-bound SH1 alignment

