

MEDIA BACKGROUNDER

Memorial Park Statistics

People in the Memorial Park Alliance

- 1,520 people involved with the project since its inception in August 2012
- Up to 220 workers on site at peak of construction
- 60 designers, construction managers and support staff
- 637,000 hours worked by 12 September 2014

Service pipes underground

- More than 6.95 kilometres of pipe laid, including
- 1.35 kilometres watermain, stormwater and wastewater
- 5.6 kilometres electricity and telecommunications

Digging the trench

- The excavated trench was 300 metres long, 18 metres wide and up to 12 metres at its deepest point
- 35,000 cubic metres of soil were removed – 2700 truck and trailer loads
- 600 metres of retaining walls were built, up to 12m high
- 558 ground anchors drilled through the walls
- 16,000 bags of cement to bind the anchors in place

Trench and tunnel

- The completed trench is 300 metres long, up to 16 metres wide and up to 9 metres high
- The tunnel in the trench is 130 metres long, 14 metres wide and 6 metres high
- 94 concrete tension piles, 10 metres to 30 metres deep, hold the tunnel in place in the event of a 1-in-2500 year earthquake
- 2,598 tonnes of steel reinforcing were laid for the floor, walls and roof
- 7,500 cubic metres of concrete were poured for the trench floor and walls and for the tunnel roof
- 3,000 tonnes of asphalt were laid for the road through the trench and tunnel
- The 2 metre gap between the concrete walls and the trench retaining walls is filled with gravel for groundwater drainage
- 130 precast concrete panels line the trench at the Sussex St entrance and Taranaki St exit

Poppies

- 273 symbolic decorative poppies on the tunnel walls symbolise the 2721 New Zealand fatalities in the Anzac campaign at Gallipoli in the First World War

Cost

- Total cost of the tunnel and park is \$120 million

Contact:

Brian Aspin
Community Relations Manager
Memorial Park Alliance
027 554 1145

Contact us