

Project Update

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Building of the structures and road surfaces which form the underpass has been completed and the tunnel is now open. Work on the National War Memorial Park is underway.

Building of the underpass has been completed and the tunnel is now open. Work on the National War Memorial Park is underway.

Overview of the second field trip

- Strength and resilience was a key part of this field trip with steel reinforcement and concrete pouring well underway.
- You met [Russell Scoones](#) [3] to see what sort of temporary structures had to be built on site before the concrete was poured.
- [Cole Meiring](#) [4] described how the tunnel was being built strong enough to withstand a 1 in 2,500 year earthquake.
- You met [Htut Win](#) [5] and heard how the team is planning to move the Home of Compassion [Crèche](#) [6] in one piece to become part of the National War Memorial Park.
- Historian [Mathew Tonks](#) [7] gave a rundown of why the historic crèche is being preserved and included as part of the Memorial Park.
- You saw how stormwater and groundwater is being managed with GIS mapping and smart drainage design.
- [Katherine Heays](#) [8] shared her thoughts on what it is like working in the construction industry.
- You met Construction Manager [Steve Croft](#) [9] who gave you an overview of how all the teams within the Memorial Park [Alliance](#) [10] are organised.
- You visited Mount Cook School and found out how the students have been involved with this construction project.

What's happening now?

The tunnel opened to traffic a month early. The first cars entered the tunnel late on the night of Sunday, 28 September 2014. The day before, an estimated 10,000 people walked through the tunnel during an open day.

It is called the Arras Tunnel, named after a French town where the New Zealand Tunnelling Company served from November 1916. Their role was to extend an existing tunnel system towards the German lines and create new tunnels capable of housing nearly 20,000 men. The tunnel is lined with decorative poppies to symbolise New Zealanders who lost their lives in the First World War.

Construction of the terraced park, memorials, open spaces, walkways and vehicle

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routes, which will be the Memorial Park, has started. The park will be open in time for [Anzac](#) [11] Day 2015, the centenary of the Gallipoli landings in the First World War.

- Visit [Park Designs & Development](#) [12] and click on **Park drawings** for images giving you an idea of what Memorial Park will look like.
- Also watch the [National War Memorial Park 3D animation](#) [13] - a 5 minute overview of all four stages of the Memorial Park project (on YouTube).

More information on Arras

You can read more about the involvement of New Zealanders in tunnelling operations near Arras, France during the First World War:

- [School Journal Level 4 June 2014: Underground Soldiers](#) [14] (PDF 2 MB)
- [What New Zealanders left behind in Arras, France](#) [15] (WW100 site). The WW100 article has a map, photos and links to newspaper articles and a TV documentary.
- [Wellington's Arras Tunnel](#) [16] (NZTA Memorial Park site). Online PDF version of the brochure handed out at the tunnel open day on Saturday, 27 September. It covers the WWI Arras miners (pronounced Ah-RAHS with emphasis on the second syllable) and how Wellington's Arras Tunnel was built.

See also: [Memorial Park Alliance update, 5 September 2014](#) [17] for more information about the Arras Tunnel and latest happenings around the project site.

Overview of the second field trip

- Strength and resilience was a key part of this field trip. A lot of steel and concrete was being used to build the tunnel.
- You met [Russell Scoones](#) [3] to see what had to be done on site before the concrete was poured.
- [Cole Meiring](#) [4] described how the tunnel is being built strong enough to withstand a 1 in 2,500 year earthquake.
- You met [Htut Win](#) [5] and heard how the team is moving the Home of Compassion [Crèche](#) [6] in one piece to become part of the National War Memorial Park.
- Historian [Mathew Tonks](#) [7] talked about why the historic crèche is being kept as part of the Memorial Park.
- You saw how stormwater and groundwater is being managed.
- [Katherine Heays](#) [8] shared her thoughts on what it is like working in the construction industry.
- You met Construction Manager [Steve Croft](#) [9] who showed how all the teams within the Memorial Park [Alliance](#) [18] are organised.

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- You visited Mount Cook School and found out how the students have been part of this construction project.

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It is called the Arras Tunnel. The name comes from a French town where the New Zealand Tunnelling Company served from November 1916 during the First World War. The tunnel is lined with poppies to sybolise New Zealanders who lost their lives during this war.

Building of the memorials, open spaces and walkways, which will be the Memorial Park, has started. The park will be open in time for [Anzac](#) [11] Day 2015.

- Visit [Park Designs & Development](#) [12] and click on **Park drawings** for images giving you an idea of what Memorial Park will look like.
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See also: [Memorial Park Alliance update, 5 September 2014](#) [17] for more information about the Arras Tunnel and latest happenings around the project site.

Māori keywords:

mauma-haratanga [19]	memorial, monument, memory
papa tākaro [20]	park
Te Pakanga Tuatahi o te Ao [21]	First World War

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Pukeahu [22]	National War Memorial Park
whakatuwheratanga [23]	opening ceremony
Rā o Ngā Hōia [24]	Anzac Day
anaroa [25]	tunnel
rori [26]	road

Audio Māori keywords:

- [mauma-haratanga - memorial, monument, memory](#) [27]
- [papa tākaro - park](#) [28]
- [Te Pakanga Tuatahi o te Ao - First World War](#) [29]
- [Pukeahu - National War Memorial Park](#) [30]
- [whakatuwheratanga - opening ceremony](#) [31]
- [Rā o Ngā Hōia - Anzac Day](#) [32]
- [anaroa - tunnel](#) [33]
- [rori - road](#) [34]

Samoaan keywords:

ma'a fa'amanatu	memorial, monument, memory
paka / malae	park
Taua Muamua ole Lalolagi	First World War
Malae Fa'amanatu ole Taua	National War Memorial Park
amataga aloaia	opening ceremony
Aso Fa'amanatu o 'au tau o Ausetalia ma Niu Sila	Anzac Day
auala lalo ole laupapa	tunnel
auala	road

Tongan keywords:

fakamanatu / maka fakamanatu	memorial, monument, memory
mala'e	park
Tau lahi 'a Mamani hono 'Uluaki	First World War
Mala'e Fakafonua hono Fakamanatua e Tau	National War Memorial Park
kātoanga huufi	opening ceremony
'Aho Fakamanatu 'o e kau tau 'a 'Aositelēlia mo Nu'u Sila	Anzac Day
tafu	tunnel
hala	road

Cook Islands Maori keywords:

akama'ara'anga	memorial, monument, memory
akamaraanga	park
Tamakianga Mua	First World War
-	National War Memorial Park
Uipa'anga	opening ceremony

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Ra Va'e'au	Anzac Day
tāana	tunnel
ara	road

Niuean keywords:

fakamanatuaga maka tuaga mau	memorial, monument, memory
male	park
Koe tau fakamua he Lalolagi	First World War
Male/Kaina ke Fakamanatu aki e tau Kautau	National War Memorial Park
Fakaulu Hafagi	opening ceremony
Aho Fakamanatu he tau Kautau ha Osetalia mo Niusilani	Anzac Day
hala he lalo kelekele	tunnel
puhala	road

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[37]

Asphalting the tunnel from the Taranaki Street portal. Image: NZTA.

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[38]

A worker asphaltting the road inside the tunnel. Image: NZTA.



[39]

The tunnel ready for white line marking. Image: NZTA.



[40]

A crowd at the Arras Tunnel opening ceremony. Image: NZTA.

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[41]

Descendants of the WW1 New Zealand Tunnelling Company lead the crowd through Arras Tunnel. Image: NZTA.



[42]

Arras Tunnel with the Carillon in the background. Image: NZTA.



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Poppies in the Arras Tunnel. Image: NZTA.



[44]

The Arras Tunnel opens to traffic. Image: NZTA.

Source URL: <http://www.learnz.org.nz/memorialpark134/project-update>

Links

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- [2] <http://www.learnz.org.nz/sites/learnz.org.nz/files/project-update-easy.mp3?uuid=5f6dbaa13e39c>
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- [8] <http://www.learnz.org.nz/mp2/meet-katherine-heays>
- [9] <http://www.learnz.org.nz/mp2/meet-steve-croft>
- [10] <http://www.learnz.org.nz/memorialpark/glossary#alliance>
- [11] <http://www.learnz.org.nz/memorialpark134/glossary#anzac>
- [12] <https://www.nzta.govt.nz/projects/wellington-northern-corridor/the-tunnel-to-tunnel-inner-city-transport-improvements/memorial-park>
- [13] <https://www.youtube.com/watch?v=DNHoOA3TM58>
- [14] <http://www.learnz.org.nz/literacyonline.tki.org.nz/content/download/28168/296596/file/Underground%2BSoldiers-SJ%2BL4%2BJune%2B2014.pdf>
- [15] <http://ww100.govt.nz/what-new-zealanders-left-behind-in-arras-france>
- [16] <http://www.nzta.govt.nz/projects/memorial-park/docs/the-building-and-naming-of-wellingtons-arras-tunnel.pdf>
- [17] <http://www.nzta.govt.nz/projects/memorial-park/docs/brief-update-20140905.pdf>
- [18] <http://www.learnz.org.nz/memorialpark134/glossary#alliance>
- [19] <http://www.learnz.org.nz/sites/learnz.org.nz/files/Field%20trips/memorialpark13>

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[25] <http://www.learnz.org.nz/sites/learnz.org.nz/files/Field%20trips/memorialpark134/anaroa.mp3>

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[27] http://www.learnz.org.nz/sites/learnz.org.nz/files/maumaharatanga_0.mp3?uuid=5f6dbaa13eca4

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[28] http://www.learnz.org.nz/sites/learnz.org.nz/files/papa-takaro_1.mp3?uuid=5f6dbaa13edc9

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[29] http://www.learnz.org.nz/sites/learnz.org.nz/files/te-pakanga-tuatahi-o-te-ao_0.mp3?uuid=5f6dbaa13eec2

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[30] http://www.learnz.org.nz/sites/learnz.org.nz/files/pukeahu_0.mp3?uuid=5f6dba13efb7

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[31] http://www.learnz.org.nz/sites/learnz.org.nz/files/whakatuwheratanga_0.mp3?uid=5f6dbaa13f0a8

uid=5f6dbaa13f0a8

[32] http://www.learnz.org.nz/sites/learnz.org.nz/files/ra-o-nga-hoia_1.mp3?uid=5f6dbaa13f198

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[33] http://www.learnz.org.nz/sites/learnz.org.nz/files/anaroa_4.mp3?uid=5f6dbaa13f286

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[35] <http://www.learnz.org.nz/sites/learnz.org.nz/files/memorial-park-stats.doc>

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