The roof of the underpass
The base of National War Memorial Park

• The underpass roof will be 130m long, made of concrete poured on site.
• A benefit of pouring the roof slab, rather than placing a pre-formed slab across the gap, is that the strength of the underpass tunnel can be increased.
• The steel reinforcing in the walls and roof are linked to create a resilient tunnel able to resist a 1-in-2500 year earthquake.

• The roof is being poured in 10m sections.
• Each 10m pour:
  - 14.5m wide, 10m long and 0.8m deep = 116 cubic metres
  - Contains 300 tonnes of concrete.
• Scaffolding and timber formwork support the steel reinforcing and each concrete roof span while it cures.

• A week later, the scaffolding and formwork is stripped off and set up again further along the trench for the next set of pours.
• Completion of the roof is expected by the end of June.