## WHAT ARE YOU SEEING HERE?



Construction of the cut and cover tunnel across Victoria Park is underway within 1.2 hectares of Victoria Park. A cut and cover tunnel is, in effect, a trench with a roof and a floor.

## What you can see is construction of the tunnel walls:

- Secant pile walls from the centre of the site north, where piling can get a footing into the underlying sandstone
- Diaphragm walls from the centre of the site south, where the ground is soft fill used to reclaim Freemans Bay in the early 1900s.

## Following completion of the walls in mid-July, the tunnel construction sequence will be:

- Capping beams will be installed on top of the walls
- Roof beams well be installed at right angles to the walls, holding them apart
- The 'trench' will be excavated below the roof beams
- The tunnel floor will be laid and anchored by tension piles into sandstone below
- The tunnel roof will be completed and covered over, ready for the park to be restored on top
- The tunnel will be fitted out lighting, exhaust extraction, traffic signals, fire and emergency exist systems etc

The Victoria Park Tunnel project will be completed in mid-2012. However, the tunnel structure will be completed, ready for the fit-out, in late 2011.

