MONTHLY CONSTRUCTION UPDATE

KENSINGTON
FEBRUARY 2019

Major construction has resumed after the holiday break in Kensington. This update provides information on current and upcoming works in your area throughout February at the site of the future western tunnel entrance.

Construction snapshot

Construction works are continuing within the Kensington precinct during February and will include:

• Site preparation and establishment activities
• Service and site investigations, protection and monitoring
• Construction of a retaining wall to support the rail embankment
• Installation of signalling cables and casing, and repositioned overhead structures within the rail corridor
• Tunnel cross passage ground improvement works
• Installation and painting of site hoarding
• Bored piling (road-side) on Childers Street
• Installation of monitoring instrumentation and survey activities.

All activities listed within this notification, unless otherwise advised, will be undertaken between 7am and 6pm, Monday to Friday and 7am and 1pm Saturday.

Out of hours works

Rail corridor adjacent to Childers Street
9pm to 5am, Wednesday 6 to Friday 8 February
• Installation of track monitoring equipment.
9pm to 4am, Sunday 10 to Thursday 14 February
• Fencing, service investigations, signalling works and installing overhead structures.
9pm Saturday 23 to 4am Monday 25 February
• Signalling works, service investigations and monitoring, installing overhead structures and retaining wall piling works.

Recharge well pump testing
24 hour works, Friday 1 February to late March
• Pump testing at previously installed groundwater monitoring wells adjacent to the Childers Street worksite
• Each test will take 2 to 3 weeks and is not expected to be audible.

More information

For more details on these works, please see the construction information overleaf or visit metrotunnel.vic.gov.au

Authorised and published by the Victorian Government.
1 Treasury Place, Melbourne.
Site preparation and establishment

**Childers Street**

**Ongoing until March 2019**

Site establishment and preparation activities.

This includes:
- Removal of concrete materials using demolition saws
- Constructing site access tracks along the rail embankment
- Earthworks, including the use of a vibrating roller, to create a new piling pad
- Periods of loud noise, and medium to high vibration associated with the use of the saws, vibrating rollers and piling. Other activities are expected to generate low to medium levels of noise.

**Kensington and Hobsons roads and Childers Street**

**Ongoing until March 2019**

Works to identify and monitor ground conditions, to help inform detailed planning for construction of the western tunnel entrance.

This includes:
- Non-destructive digging (NDD) and geotechnical drilling, cone penetration, groundwater testing and soil testing
- Installing noise, air and vibration monitoring equipment
- Protection of underground services
- Pedestrian detours in place at various times
- Medium to high level noise during NDD.

**Road-side piling**

**Childers Street**

**Ongoing until April 2019**

Bored piling works to construct the tunnel boring machine retrieval box.

This includes:
- Constructing a pile guide wall within Childers Street. This includes the use of the temporary overhead vehicle detour, which will be in place from Wednesday 30 January to Friday 8 February 2019
- Using a piling rig, crane and concrete trucks to install bored piles adjacent to Childers Street
- Low to medium levels of noise
- A lane of traffic through our Childers Street worksite maintained for authorised vehicle once pile guide wall construction is complete
- Works to complete concrete pours associated with piling works may continue until 7pm Monday to Friday, and 3pm on Saturdays. This is required to prevent the pile excavations from being left unlined for extended periods of time.

**Rail embankment retaining wall piling**

**Childers Street**

**(alongside rail corridor)**

1 February until April 2019

Sheet pile works to construct a retaining wall to support the rail embankment along Childers Street. Sheet piles are large sheets of steel that are pushed down into the earth to strengthen the ground. This includes:
- Delivery of a piling rig and steel sheet piles
- Using a piling rig to drive steel sheets into the ground
- Installing metal rods into the retaining wall for reinforcement
- Excavating excess soil and installing drainage
- Low to medium levels of vibration during driven piling
- Periods of loud noise associated with the use of the piling rig and installing metal rods. Other activities are expected to generate low to medium levels of noise.

**Tunnel cross passage ground improvement works (24 hour works)**

**Lloyd Street and McLennan Drive**

Ongoing until mid-2019

Ground improvement works to strengthen the ground ahead of cross passage construction. This includes:
- NDD to locate and protect services
- Laying pipes beneath Lloyd Street to transport grout and water between work sites in McLennan Drive and Lloyd Street. This will involve the overnight closure of Lloyd Street, from Radcliffe Street to the eastern entrance of the Lloyd Street Business Estate. Access to the business estate will be maintained via Childers Street during these closures
- Injecting grout from the surface of the road into the ground
- Works undertaken 24/7 to minimise traffic impacts as much as possible.

**Out of hours works**

**Rail corridor between South Kensington station and Maribyrnong River (weekend night works)**

9pm, Saturday 23 February to 4am, Monday 25 February

Site preparation and rail corridor works.

This includes:
- Using a piling rig to drive steel sheets into the ground
- Installing a small retaining wall to relocate a train signal
- NDD to locate underground services
- Installation of a delineation fence around the work site
- Installation of signalling cables and casing
- Installation of repositioned overhead structures involving excavating, pouring concrete and lifting structures into place
- Works involving a small excavator and concrete truck
- Use of temporary light towers powered by generators within the rail corridor adjacent to Childers Street
- Low to medium levels of noise.

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- Installation of a delineation fence around the work site
- Installation of signalling cables and casing
- Installation of repositioned overhead structures involving excavating, pouring concrete and lifting structures into place
- Periods of loud noise associated with the use of the piling rig. Other activities are expected to generate low to medium levels of noise.

To minimise disruption to the local community and rail users, important Metro Trains Melbourne maintenance works will also be carried out at this time.

**Travel changes**

So the 24 hour works can take place safely, buses will replace trains from Sunday 10 February to Wednesday 13 February, from 8.30pm to the last service each night on the:
- Werribee and Williamstown lines: between North Melbourne, Newport and Williamstown stations.

Buses will also replace trains at various times in late February and March. These disruptions will take place outside of peak times.

For journey planning and service information please visit ptv.vic.gov.au or call 1800 800 007
Traffic and transport impacts

- Parking and the shared use path along Childers Street are now closed. Public parking available on the corner of Hobsons and Kensington roads.
- Traffic management will be in place along Kensington and Hobsons roads and Childers Street during NDD works at the intersection.
- Detours will be in place via Kensington Road and Derby and Tennyson streets during pile guide wall works for over-height vehicles accessing the Lloyd Street Business Estate.
- Increased truck movements in the area.

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LOOK AHEAD FOR 2019

<table>
<thead>
<tr>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site preparation and establishment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site and service investigations, protections and monitoring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bored piling works</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tunnel cross passage, ground improvement works</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Retaining wall sheet piling</td>
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<td></td>
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<tr>
<td>Driven piling works</td>
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<td></td>
<td></td>
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<tr>
<td>Diaphragm-wall works</td>
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<td></td>
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<tr>
<td>Temporary bentonite plant</td>
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More information

To find out more about the Metro Tunnel Project and register for future email updates:

- metrotunnel.vic.gov.au
- 1800 105 105 (24 hours a day, 7 days a week)
- Press 2 and follow the prompts
- facebook.com/metrotunnel
- Subscribe to eNews or construction notification emails: metrotunnel.vic.gov.au/subscribe

It should be noted that this information is current at the time of printing, however due to unforeseen circumstances, changes may occur. Please visit metrotunnel.vic.gov.au for the latest updates.