



WORKS NOTIFICATION

WATER, DRAINAGE AND POWER SERVICE RELOCATION UPDATE, DOMAIN 29 MAY TO LATE SEPTEMBER 2017

Major works on the Metro Tunnel Project are now underway in Domain to support construction of a new underground station.

John Holland has been appointed as the Managing Contractor for this package of works, which includes site establishment, tree and vegetation removal, the relocation of water and drainage services within the Shrine Reserve (within the area currently occupied), and the relocation of drainage, water and power services in the Domain Precinct.

What we are doing

Water and drainage works

Site establishment:

- Removing six trees on St Kilda Road due to the relocation of water and drainage service relocation works. Tree removal will take place during normal work hours and weekend works using chainsaws, excavators and boom lifts
- Replacing the temporary fencing and site facilities in the Shrine Reserve.

Water Main Works

May – June 2017

- Relocating a small section of water main in Domain Road around the future South Yarra Main Sewer retrieval shaft by open cut trenching, consisting of excavating a trench and installing a new section of water main, backfilling and reinstating the area.

June 2017

- Relocating the water main underneath St Kilda Road. These works will be carried out using a laser bore drilling rig to bore a path beneath St Kilda Road between an entry point located in the Shrine Reserve and an exit point located in the outer northbound lane on St Kilda Road (at the intersection of Park Street).

June – September 2017

- Relocating water and drainage services on St Kilda Road adjacent to Melbourne Grammar using open cut trenching, which consists of excavating a trench and installing the new services, backfilling and reinstating the area
- Connecting the new services into the existing services
- Additional information on the impacts of the drainage and water works on St Kilda Rd will be provided prior to these works commencing.

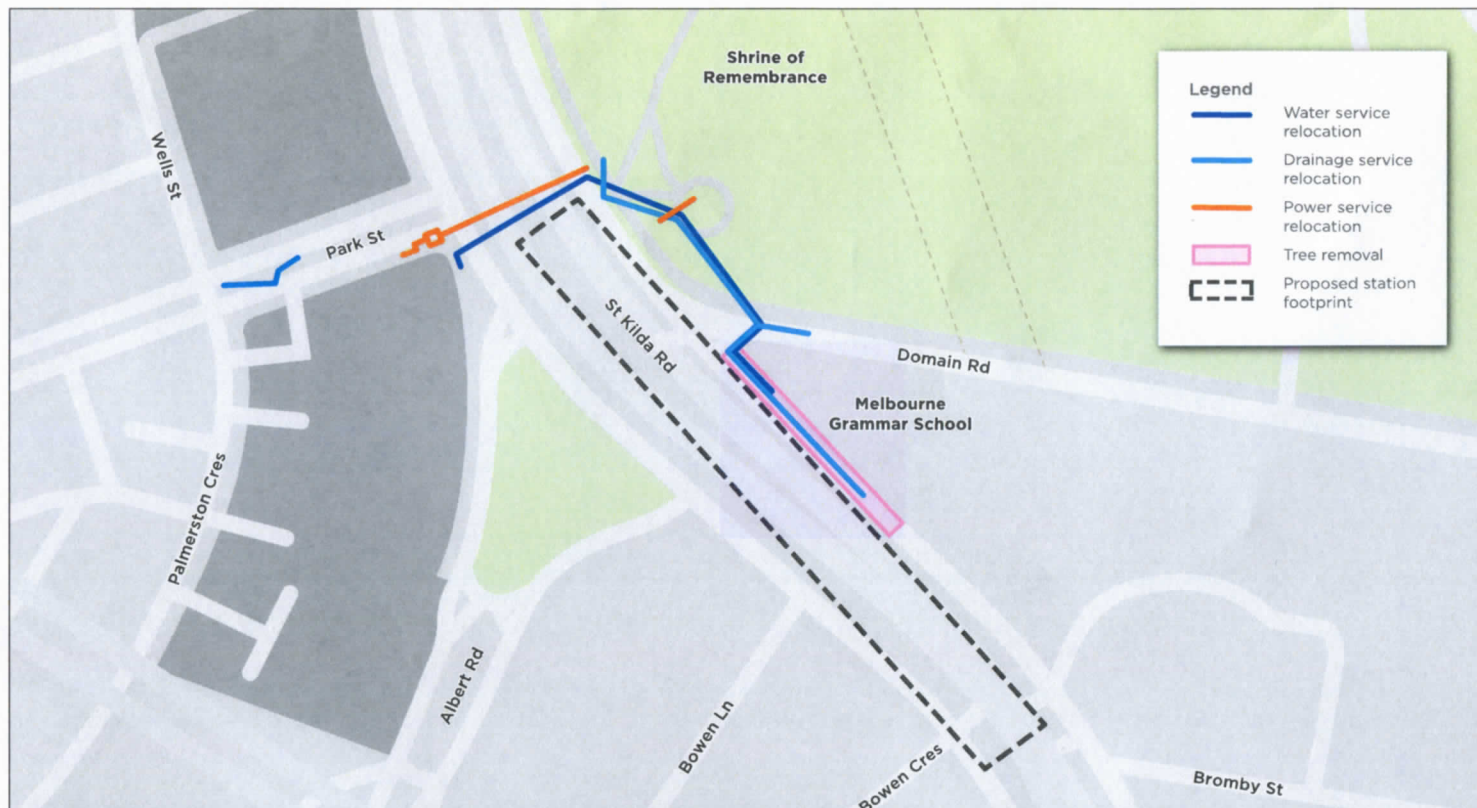


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Power relocation works:

May – September 2017

- Relocating power services underneath St Kilda Road by boring from an entry point in the westbound lane of Park Street at the intersection of St Kilda Road and boring beneath St Kilda Road to a retrieval shaft in the footpath on St Kilda Road
- Two bores will be required to relocate services in this location, with the second bore starting upon completion of the first bore
- Relocating the power service down Park Street using open cut trenching, consisting of excavating a trench and installing the new services, backfilling and reinstating the area

- Installing a new power pit in the westbound lane of Park St at the intersection of St Kilda Rd (in July / August)
- Installing a new power pit in the outer lane of Domain Road adjacent to the Shrine Reserve.

What to be aware of

Tree removal

- Temporary fencing will be installed around the work sites to ensure the safety of the community and workers
- We will need to occupy a limited number of parking spaces on St Kilda Road at the works location

- There will be temporary lane closures on St Kilda Road associated with this work
- Tree branches will be chipped on site
- Where possible, timber from the removed trees will be re-used by City of Melbourne
- A fauna inspection will take place in advance of removal activity with a wild life handler to be on site during works
- As St Kilda Road is on the Victorian Heritage Register, a heritage permit application for these works has been approved by Heritage Victoria

- Melbourne Metro Rail Authority will replant two trees for every tree we remove on the project to enhance long term canopy cover
- There will be some noise associated with the works.

Power and water works

- Power and water service relocation works on Park Street and St Kilda Road will be undertaken concurrently to reduce any impacts
- There will be some noise associated with the works.

Traffic management

- Traffic management measures will ensure the safety of work crews, cyclists and pedestrians and maintain flow of traffic. Please refer to signage in the area
- We will need to temporarily occupy a number of parking spaces on St Kilda Road as the works progress
- There will be temporary pedestrian and cyclist diversions
- The left turn lane for St Kilda Road into Park Street will be temporarily closed for the duration of boring works, conduit installation and pit construction late May to mid June and subsequently in mid July to August. Please refer to signage in the area
- The left turn lane from Domain Rd into St Kilda Road will be temporarily closed for the duration of the water main diversion works in Domain Road, approximately three weeks. Please refer to signage in the area
- There will be staged lane closures in the north and southbound outer lanes of St Kilda Road.

When

Day works

- 7am – 6pm, Monday to Friday
- 7am – 1 pm, Saturdays

Weekend works

- 8am – 5pm, Saturday – Sunday, as required

Night works may be required to connect the newly installed sections of water main into the existing water main. Residents will be notified if this is required.

All reasonable efforts will be made to complete works ahead of schedule, subject to weather and ground conditions.

We will notify residents and businesses if there are any significant changes to the program.



WORKS NOTIFICATION

GAS SERVICE RELOCATION WORKS, DOMAIN 29 MAY TO SEPTEMBER 2017

Major works on the Metro Tunnel are now underway to support construction of a new underground station in Domain.

John Holland has been appointed as the Managing Contractor for this package of works.

What we are doing

Gas service relocation:

We will be relocating gas services at a number of locations within the Domain precinct, between May and September 2017.

- Each service relocation will involve open cut trenching, consisting of saw cutting the road, excavating the trench and removing material, installing the new service, and backfilling and reinstating the area
- Truncating services will involve open cut trenching as outlined above, in addition to capping the service between two points where the service is made redundant
- Commissioning activities will involve pushing gas through the newly installed section of services attached to a pole which will release a small visible controlled flame.

Timing

May – August 2017

- Relocating the service for the full length of Domain Street, along the western side and the service for the full length of Bromby Street, along the southern side
- Relocating the service underneath St Kilda Road near Bromby Street and continuing down the northern side of Bowen Crescent.

May – Mid September 2017

- Truncating sections of the gas main, making them redundant and decommissioning them
- Commissioning relocated gas services and reinstating work areas.

June – July 2017

- Relocating the low pressure service on the northern side of Albert Road (approximately one week).

June – August 2017

- Upgrading low pressure connection points to a number of properties to enable them to connect to new high pressure services.

Late June – Mid August 2017

- Relocating the service on Park Street, South Melbourne, including installing a regulator pit.

What to be aware of

- A site caravan will be set up in Bromby Street during Bromby Street and Domain Street works
- There may be some noise and dust associated with these works. Mitigation strategies which comply with the Metro Tunnel's Environmental Performance Requirements (EPRs) will be put in place to minimise disruption to the community
- Gas service supply will not be affected during the works. Existing services will be diverted to the new services once installed
- For works in Domain Street and Bromby Street, there will be limited driveway access before 7am and after 6pm on the day works take place across the property driveway. All access points will be backfilled at the end of each day and driveway access reinstated
- Residents will be notified two days prior to driveway access restrictions
- All work areas will be reinstated progressively
- Traffic management measures will be in place around each work site to manage the safety of work crews, pedestrians and cyclists and will include:
 - Temporary closure of centre median and kerbside car parks on Domain Street and kerbside car parks in Bromby Street (in the direct vicinity of work sites)
 - Work zone speed restrictions.

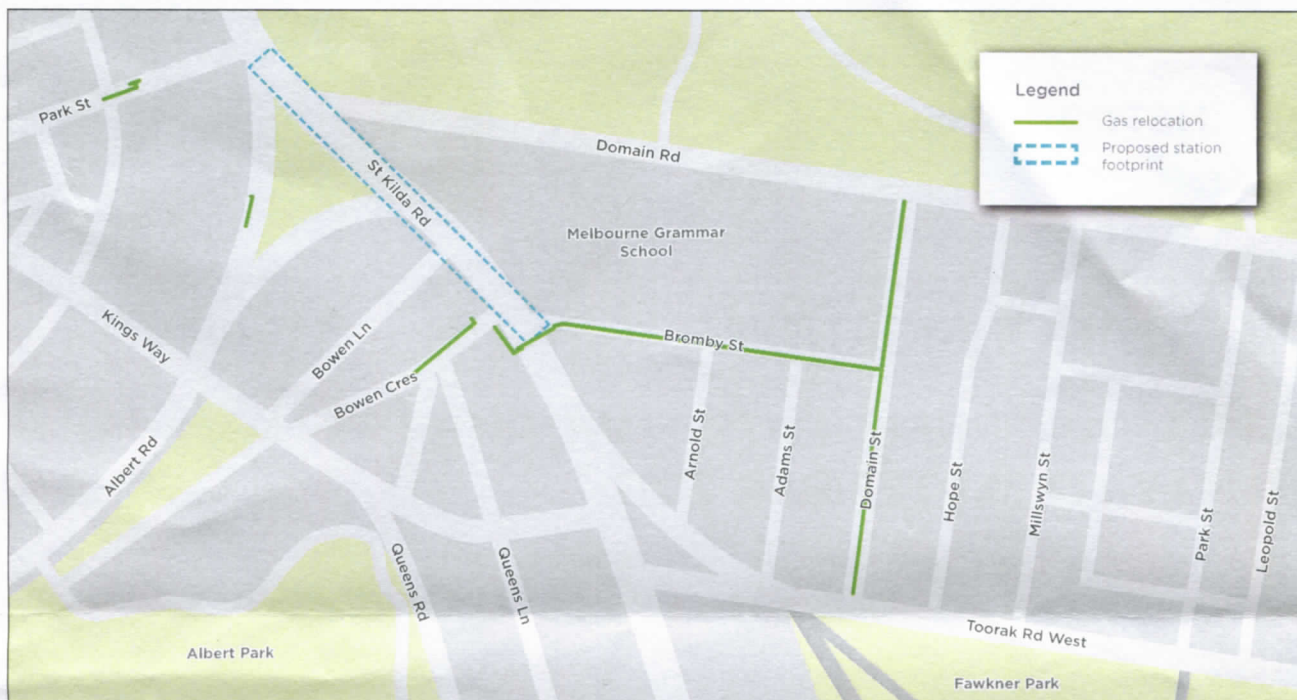


Construction partners:



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When

- Works will start in Domain Street and Bromby Street from Monday 29 May 2017
- 7am – 6pm, Monday to Friday
- 7am – 1pm, Saturdays
- Weekend works and night works will be required to complete works on Park Street (South Melbourne) due to the proximity to tram services and to minimise impacts on traffic
- All reasonable efforts will be made to complete works within this schedule, subject to weather and ground conditions.

Keeping the community informed

John Holland understands that there will be some unavoidable impacts from these works, and is committed to keeping the community and stakeholders informed of all works and any expected impacts, before they occur.

Directly impacted residents in relevant streets will be notified in advance of changes to road conditions, traffic impacts on parking and pedestrian movement and the timing for night/ weekend works over the course of these works.

Contact us

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

- W metrotunnel.vic.gov.au
- 1800 551 927
- @metrotunnelvic
- in Melbourne Metro Rail Authority
- f facebook.com/metrotunnel
- metrotunnelvic
- Melbourne Metro Rail Authority, PO Box 4509, Melbourne, VIC 3001
- @ metrotunnel.vic.gov.au/contact-us



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WORKS NOTIFICATION

GAS MAIN TRUNCATION, DOMAIN 22 MAY 2017 TO MID JUNE 2017

Major works on the Metro Tunnel Project are now underway to support construction of a new underground station in Domain.

What we are doing

From 22 May until Mid-June 2017, works are required to truncate two gas mains in four locations on the northern and southern side of St Kilda Road, near the Domain Interchange. Truncating these gas services will allow water and drainage services to be relocated ahead of works on the tunnel and station.

These activities will include:

- Saw cutting and open-cut trenching of three sections of St Kilda Road and a section on Domain Road (see map) to expose and truncate the gas mains
- Excavating each trench to the required depth and using an excavator and truck to remove material from the site
- Saw cutting the required sections of each gas main, capping it and installing stop valves
- De-commissioning the mains by an indirect purge. This involves pushing gas through the main which will be controlled through a small visible flame being released from a pipe attached to the main
- Reinstating the sections of road using an excavator to backfill the trench with crushed rock
- Compacting the areas and re-asphalting the road.

When

- 7am-6pm, Monday to Friday
- 7am-1pm, Saturdays.

What to be aware of

- There will be periods of medium to high level noise associated with open-cut trenching, saw-cutting and reinstating the impacted sections of road
- Impacts from noise will be managed in accordance with the Metro Tunnel's Environmental Performance Requirements
- There will be no impact to gas supply
- Works at each location will take approximately one week, with purging activities to take place concurrently at the end of work
- The work sites will be reinstated at the conclusion of works.

Traffic changes

To facilitate these works, there will be temporary traffic changes and lane closures required. These changes will occur throughout the works, as follows:

Truncation one and three

- Temporary removal of kerbside car parks on St Kilda Road and Park Street
- Closure of south bound outer lane on St Kilda Road and the outer right turn lane from Park Street into St Kilda Road.

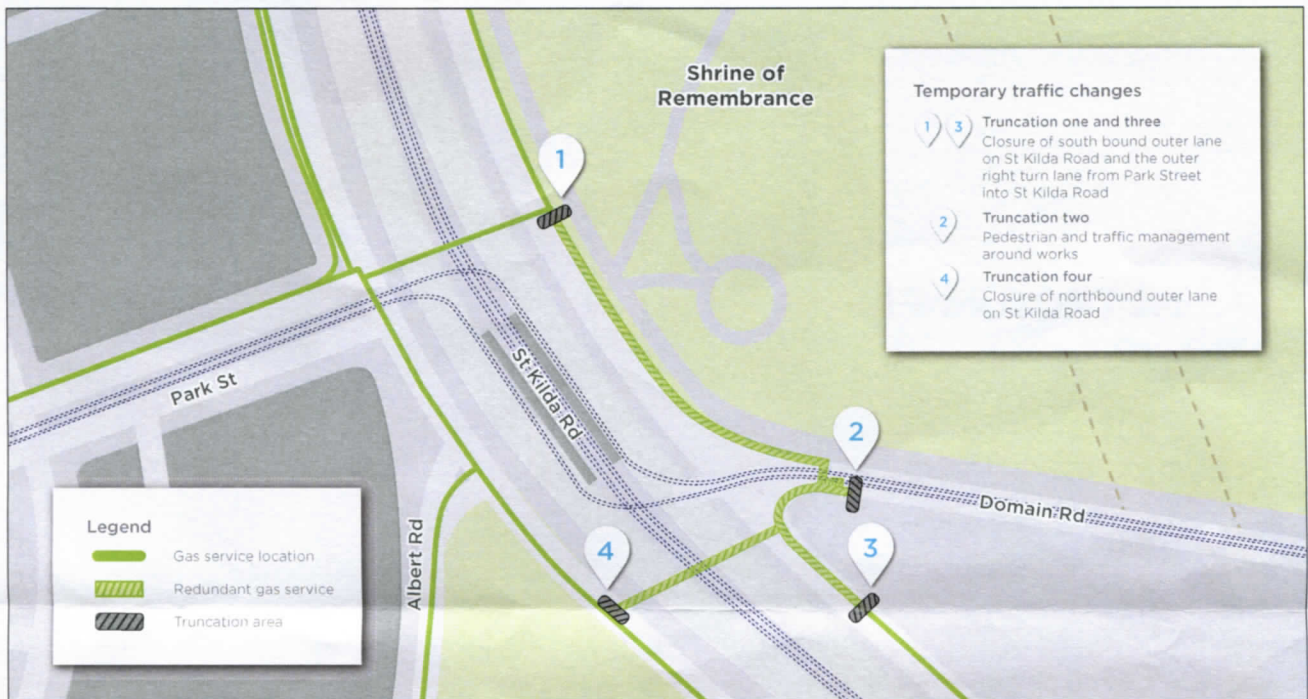


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Truncation two

- Pedestrian and traffic management around works

Truncation four

- Temporary removal of kerbside car parks on St Kilda Road between Bowen Lane and Albert Road
- Closure of northbound outer lane on St Kilda Road

More information

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

- metrotunnel.vic.gov.au
- 1800 551 927
- @metrotunnelvic
- Melbourne Metro Rail Authority
- [facebook.com/metrotunnel](https://www.facebook.com/metrotunnel)
- metrotunnelvic
- Melbourne Metro Rail Authority, PO Box 4509, Melbourne, VIC 3001
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WORKS NOTIFICATION

SOUTH YARRA MAIN SEWER, DOMAIN APRIL UNTIL NOVEMBER 2017

Pending the Minister for Planning's approval of Early Works, sewer relocation works will start from 10 April in Albert Road.

Early Works in the Domain precinct will include works to relocate the South Yarra Main Sewer beneath the proposed footprint for the future Domain Station. Due to the age and condition of the existing sewer, a new, reinforced sewer will be constructed, adjacent to the existing service.

These works will require changes to traffic conditions, site establishment, shaft construction, tunnelling and connection of the new sewer.

Construction timeframes

It is estimated that the relocation of the South Yarra Main Sewer, including site preparation works in Albert Road (southern leg) will take approximately 7 months. The timing of construction activities is indicative and subject to change.

What we are doing

Site Establishment

- Closing the southern leg of Albert Road from St Kilda Road (with local access to be maintained to 1 Albert Road, South Melbourne)
- Removing the street kerb and traffic islands, centre median and kerbside car parks, two trees and erecting fencing around the site
- Removing and relocating three accessible car parking spaces within the southern leg of Albert Road
- Construction of a piling pad which involves excavating the road and creating a stable platform using a vibrating roller and a rock base to support a piling rig.

Building the shafts

From mid-May, two shafts will be excavated within the site. This will involve:

- Using a continuous flight auger (CFA) piling rig to minimise noise and vibration associated with shoring up the shafts, using concrete trucks and pumps, and enabling excavation
- Using an excavator with an attached rock breaker to dig the shafts and place the spoil into trucks, for removal from the site.

Tunnelling

- Once the shafts have been created, a tunnel boring machine will be placed within the new sewer shaft to tunnel beneath St Kilda Road to Domain Road
- Hand tunnelling to connect the new sewer service with the old sewer service
- Inserting prefabricated manholes and securing them in place using concrete trucks and pumps over the new sewer.

Reinstatement

- Reinstatement of the road and site laydown areas.

When

From Monday 10 April (pending the Minister for Planning's approval for Early Works)

- 7am – 6pm, Monday to Friday
- 7am – 1pm, Saturdays

Night works might also be required to complete certain activities

- When out-of-hours works are required, we will notify local residents and businesses in advance of these works



Construction partners:





Indicative only

All reasonable efforts will be made to complete these works ahead of schedule, subject to weather and ground conditions.

We will notify residents and businesses if there are any significant changes to the program.

What to be aware of

- The southern leg of Albert Road will be closed to traffic for approximately 7 months. Access to and from Kings Way and St Kilda Road will only be available from the northern leg of Albert Road
- Traffic management will be in place during construction to maintain the flow of traffic and ensure the safety of pedestrians
- Access and egress points for construction vehicles will be provided at Albert Road (from Kingsway) and St Kilda Road (see map above)
- There will be medium to high level periods of noise on site at different stages
- Mitigation measures which comply with Metro Tunnel's Environmental Performance Requirements (EPRs) will be put in place to minimise disruption to the community
- Two trees will need to be removed to facilitate relocation of the sewer and have reduced the number of trees affected by the relocation. Only those trees necessary to enable the relevant works to be performed will be removed and all necessary permits will be in place prior to this activity
- A project arborist will be on site to ensure tree protection measures are put in place for remaining trees and to supervise all works occurring within designated Tree Protection Zones

- The Melbourne Metro Rail Authority (MMRA) will ultimately replace at least two trees for every tree removed for construction of the Metro Tunnel.

More information

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