

Key project dates



What's next

While the new water main is operational, we need to complete three important tasks in the Southern section of this project.

REVEGETATION

Once our pipeline work had been completed we could start constructing the new shared path and commence planting the vegetation on the western side of the centre-median. Then, when pedestrians and cyclists had been transferred to the new path, we began planting on the eastern side of the centre-median.

Given the delay with starting this revegetation work and the hot, windy weather we stopped planting the Chinese elms in November. We will return to site in autumn 2018 to complete the planting.

Our maintenance crew will continue to monitor the site and the health of the plants.

REINSTATEMENT OF THE UN-SIGNALISED CROSSINGS

In December we are meeting with VicRoads to undertake a final safety audit. If our work is approved, we will open the un-signalised, east-west crossings at Beaconsfield Parade, Gadd Street, Woolton Avenue and Watt Street and the u-turn crossing at Beavers Road.

Please allow additional time and take extra care as you travel in this area.

In our early planning and discussions with stakeholders we had been advised that these crossings were to be closed.

In April, VicRoads confirmed that they planned to undertake community engagement and implement a survey to measure sentiment.

As we needed to progress our construction work, we advised VicRoads that we would reinstate all five crossings. VicRoads is yet to complete its St Georges Road traffic assessments.

CELEBRATION – ALL WORK COMPLETED

In April 2018, when everything has been completed and approved by the relevant authorities, we will want to celebrate our work with the community! Please check your local newspapers, letterboxes and emails for details.

More information

As we are yet to complete the reinstatement work there will be a M40 project maintenance team on site over summer.

To contact the m40 project team

If you want more information or have any questions or concerns, you can continue to contact the M40 project team.
Phone 1800 754 077 or email m40@melbournewater.com.au

For updates, visit our website

www.yoursay.melbournewater.com.au/m40



To access the TTY and Interpreter Services

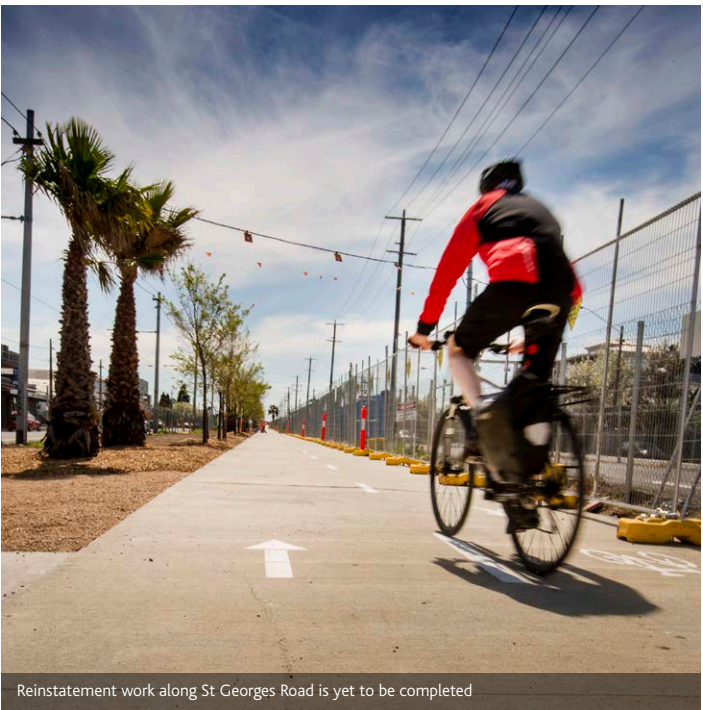
TTY 133 677

Interpreter 131 450

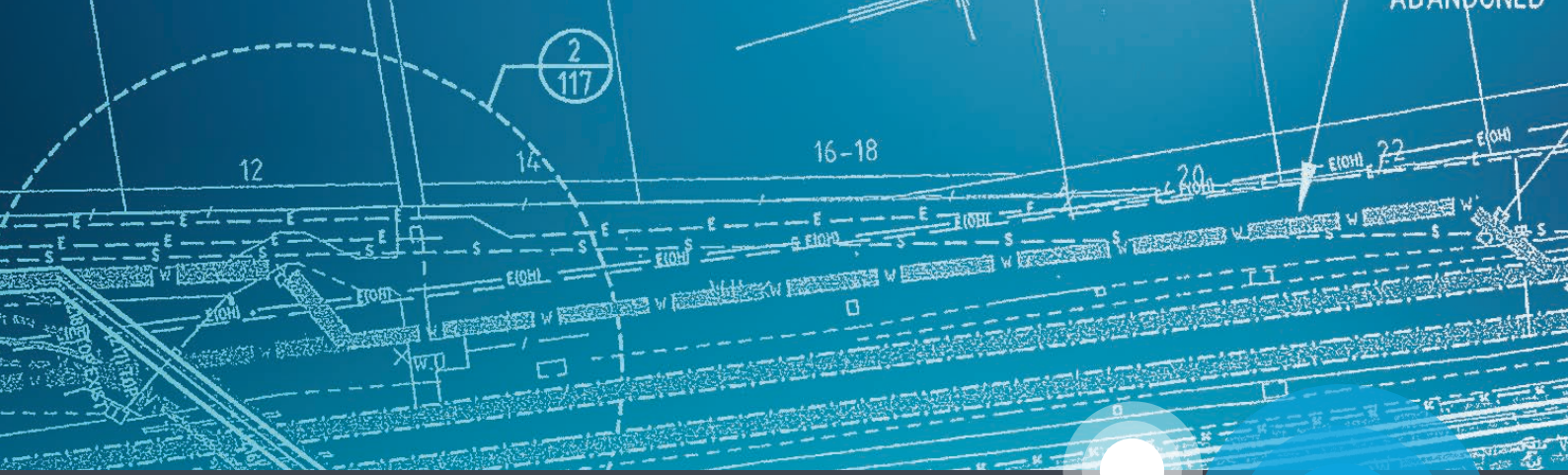
To contact Melbourne Water

Phone 131 722 Email enquiry@melbournewater.com.au

Photography: David Hannah, david@hannahman.com



Reinstatement work along St Georges Road is yet to be completed



M40 Preston Reservoir to Merri Creek Water Main Renewal Project Newsletter December 2017

Construction completed

In October 2017 Melbourne Water completed construction work on the M40 Preston Reservoir to Merri Creek Water Main Renewal Project.

This new pipeline is a critical part of our distribution network. It supplies safe drinking water to Yarra Valley Water and City West Water.

The M40 project had two construction zones:

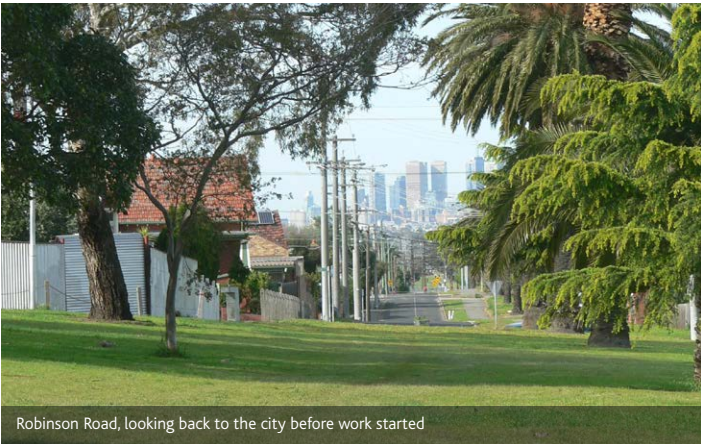
- The northern section was from the Preston reservoirs to Regent Street, across High Street and along Robinson Road.
- The southern section was from Arthurton Road Northcote to Oakover Road Preston, within the centre-median along St Georges Road.

While the new water main is operational, we still need to complete our reinstatement work in the southern section. We will return to site in March 2018 to finish planting the Chinese elms and understory vegetation.

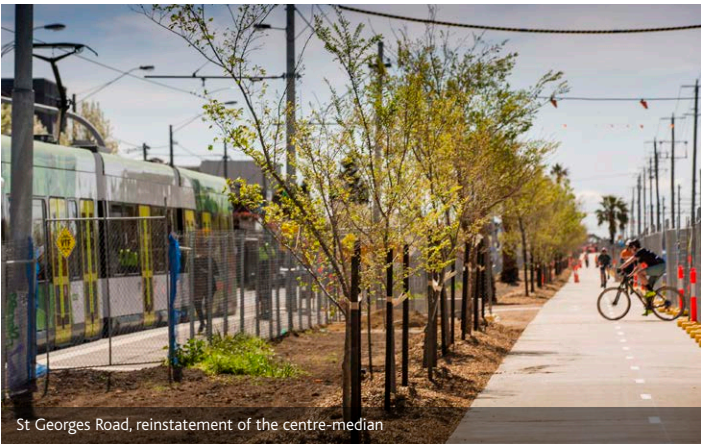
A copy of our reinstatement plan is available on our M40 webpage www.yoursay.melbournewater.com.au/m40

Thank you

Thanks to everyone for your patience and support as we completed these essential works – and to those who provided feedback and participated in our independent research.



Robinson Road, looking back to the city before work started



St Georges Road, reinstatement of the centre-median



Northern section

KEY ACTIVITIES

In the northern section of the M40 project we trenched and installed almost 1.2 kilometres of pipeline from Reservoir 3 across High Street, down Robinson Road to Regent Street and connected to our existing pipeline. We also constructed two deep pits to connect the new water main to our water supply reservoirs.

In November 2016 we trenched and installed our first 1700mm diameter pipe at the intersection of Crawley Street and Robinson Road.

Our time lapse video shows the first pipes being delivered and installed at Preston. <https://youtu.be/GWMN6UOUqRE>

In March 2017 we installed pipes across High Street between Reservoirs 1 and 2. This required major traffic diversions and detours. Also, we installed pipes across High Street at Howard Street as early work for the Preston Pump Station Upgrade project.

To minimise the impact of our work on commuters, we constructed a temporary carpark at Regent railway station, off Robinson Road. This car park continues to be used.

When we crossed the intersection of Crawley Street and Robinson Road, residents in the vicinity of our works had restricted access to private property. Not long after we had completed our work, Yarra Valley Water installed a pipeline along Crawley Street.

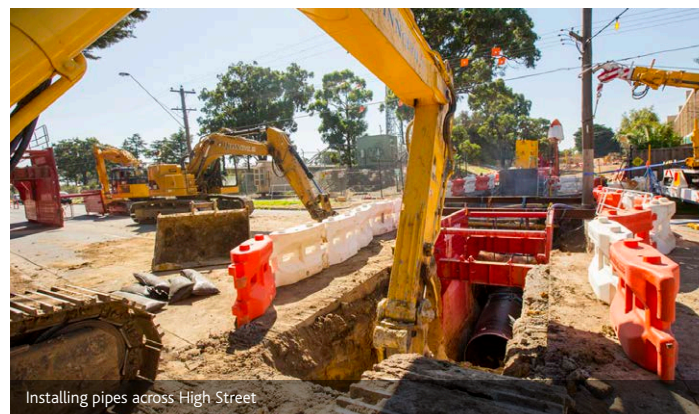
From late July to September we constructed two large valve pits at Reservoirs 2 and 3. Once these valves were installed and tested we could begin supplying drinking water via the new pipeline. This complex, specialist work was finalised in September.

In September 2017 we successfully tested the operation of the new water main. This test provided confidence that the pipeline would be commissioned and ready to supply water in late October.

While we have completed our reinstatement work in this Northern section, we are working with Darebin City Council to improve the safety of the shared path through GE Robinson Park. We expect this work to be completed in early 2018.



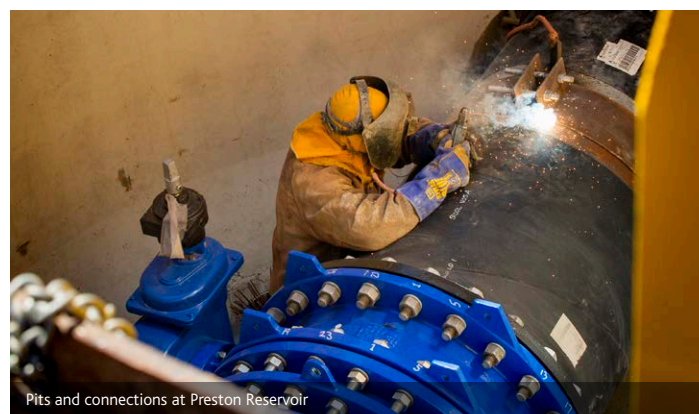
First pipes near Crawley Street



Installing pipes across High Street



Installing pipes at Robinson Road



Pits and connections at Preston Reservoir

Southern section

KEY ACTIVITIES

In this southern section of the M40 project we trenched and installed almost 2 kilometres of pipeline from Arthurton Road Northcote to Oakover Road Preston, within the centre-median along St Georges Road. Given the extent of Yarra Trams assets at Miller Street, we tunnelled from Rennie Street to Oakover Road.

We began construction work in November 2016 and the new pipeline was fully operational in October 2017. To achieve this deadline, we worked across a number of work areas simultaneously.

During our planning for this project, before construction, we worked with representatives from transport agencies and community advocacy groups to develop a reinstatement plan that included the restoration of an avenue of trees and a wider, safer shared path. The existing path, the sixth busiest in Australia, was used by up to 1400 cyclists/day.

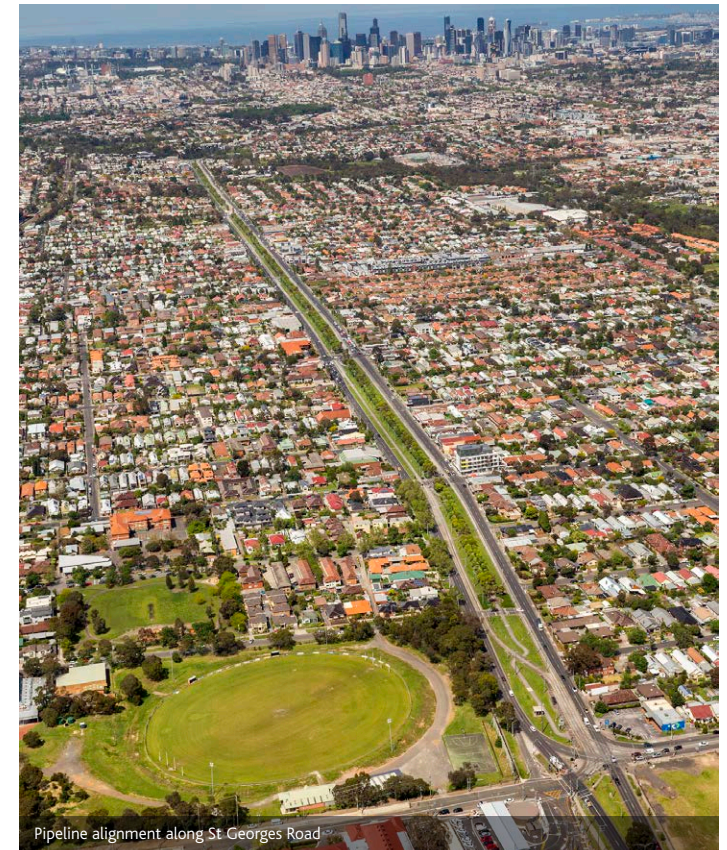
Our time lapse video shows the palm trees being removed, and reinstated back into the centre-median. <https://www.youtube.com/watch?v=pv-sZGJzgEo>

In February 2017, once our safety fencing had been installed, we brought a 69 tonne excavator to site. Given the constrained construction area and the dimensions of the new steel pipes, we needed oversize equipment to lift and position the pipes in the trench.

We began our pipeline construction work at the Arthurton Road end of the centre-median and worked north.

In March we launched the tunnel boring machine so we could install pipes under Miller Street. The launch shaft, located at Rennie Street, was eight metres deep. The retrieval shaft was outside the tram depot, south of Oakover Road. This work was completed in July.

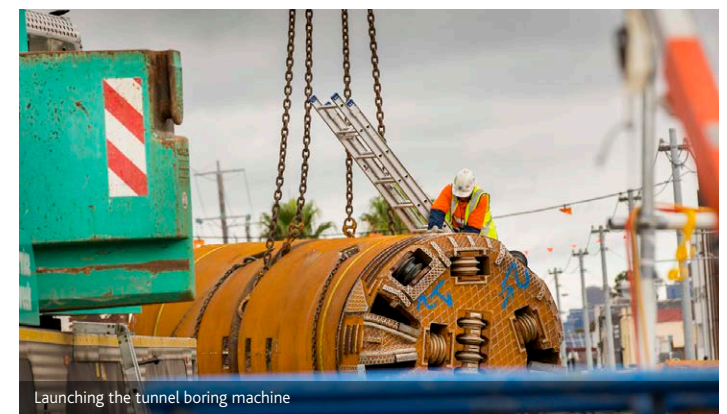
Given the number of existing underground services and water supply assets at the Hutton Street intersection and the complexity of our construction work, we planned for a ten day closure in July. We worked continuous day and night shifts and completed the crossing in six days.



Pipeline alignment along St Georges Road



Excavator working within the centre-median



Launching the tunnel boring machine