

February 2021

Youell Street Sewer Upgrade

Sewer Bypass and Relining Works

What are we doing?

Melbourne Water is committed to enhancing life and liveability in your area. To maintain our world-class sewerage system, we are upgrading sections of two sewer systems in Footscray and Seddon—the Youell Street sewer (YOU) and the Youell Street intercepting sewer (YSI). The upgrades will be delivered along approximately 1.5km of the sewers and will involve rehabilitation works to install a watertight liner and undertake repairs.

The sewer relining works will occur progressively working via maintenance holes situated along the YOU and YSI. These are operating sewers and can only be relined when sewer flows are managed to either zero or low flows. For these relining works, we will be installing a sewer bypass in Albert Street, between Walter Street and Buckley Street, to bypass the sewer from one sewer line to the other. Sewer plugs will also be used at separate maintenance holes to reduce the sewer flows. Refer to map and images over page for further details.

When are the works happening?

The installation of the bypass system will begin the week of **Monday 15 February**. It is expected to take one week to install and test the sewer bypass. The relining works will begin the week of **Monday 22 February** and are expected to take seven weeks to complete.

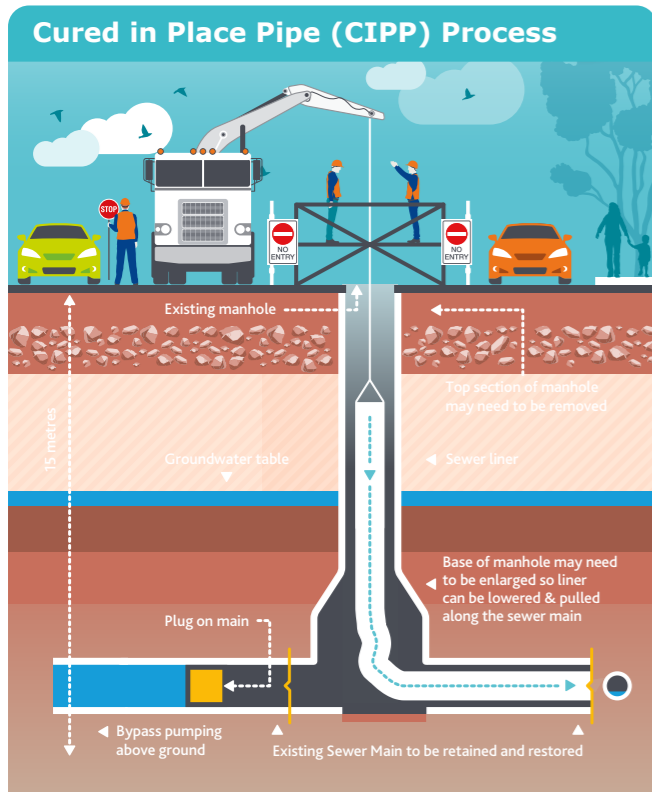
What to expect

During the bypass installation you can expect:

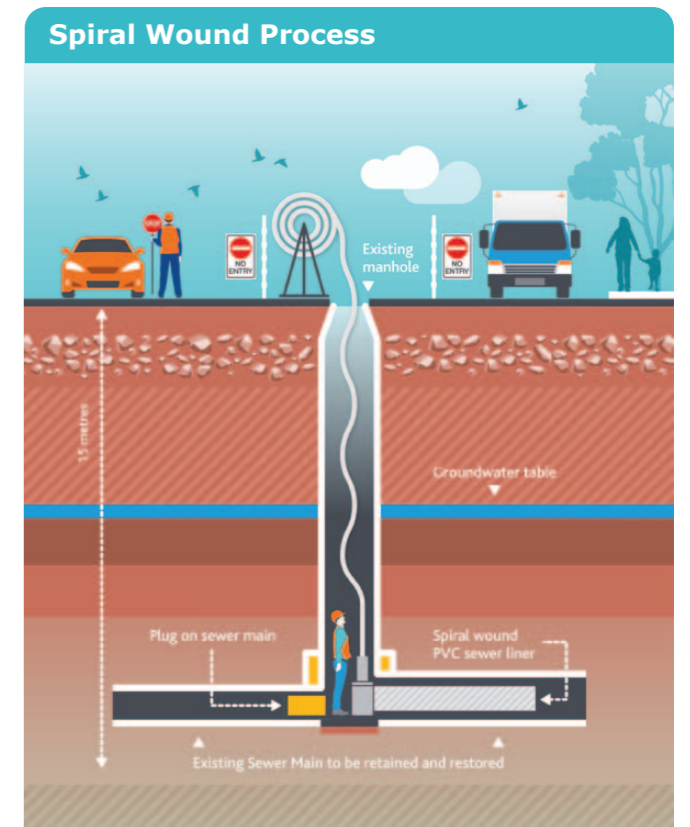
- Traffic detours while Albert Street is closed to through traffic between Walter Street and Buckley Street for short periods during set up and pack down of bypass equipment
- Buses will continue to run without detours
- Local traffic can access Victoria University Albert Street carparks from Buckley Street only
- Cyclists can follow the road detour or dismount and walk on footpaths
- Temporary pedestrian detours around work areas when footpath closures are required
- Noise will be generated from the cutting tools and machinery being used
- Large vehicles to deliver and install pumps and generators to the work site
- Road barriers in the centre of the street and steel plate over the roadway. Please drive with caution.

During the relining works you can expect:

- Generators and pumps on the bypass system will run continuously while relining work is underway
- Noise from generators and the relining equipment. This noise can be compared to a lawn mower. Where possible we will use sound matting to dampen noise
- Noise from sucker trucks used to clean the sewer lines prior to relining each section
- Temporary work sites will be set up at relining maintenance hole locations. Machinery and staff will remain at each section of relining until complete, this may require working through the night
- Temporary traffic disruptions at relining maintenance hole locations
- Odour will be present when opening and accessing maintenance holes
- Odour may be noticed from the resin used in the relining materials
- Extra lighting will be used for night works. These will be pointed away from properties.



- Stage 1: clean pipes, modify existing manhole and measure existing pipe
- Stage 2: set up the sewer bypass pumping system
- Stage 3: lay the flat, resin-infused pipe liner into the existing pipe; inflate liner with air to expand to the existing pipe size
- Stage 4: harden the liner using UV lights that move along the inside of the pipe, from manhole to manhole
- Stage 5: upgrade the manhole with new lining and ladders and reinstate the work area to existing conditions



- Stage 1: clean pipes, modify existing manhole and measure existing pipe
- Stage 2: set up the sewer bypass pumping system
- Stage 3: lower a winding machine into the manhole; the machine moves along the sewer unwinding the liner and sticking it to the walls of the existing sewer
- Stage 4: upgrade the manhole with new lining and ladders and reinstate the work area to existing conditions



Location of Works	February		March		April		
	15-21	22-28	1-7	8-14	15-21	22-28	29-4
Walter St & Albert Street (bypass)	☀️	☀️🌙	☀️🌙	☀️🌙	☀️	☀️	☀️
Albert Street	●●●●●●	●●●●●●	●●●●●●	●●●●●●	●●●●●●	●●●●●●	●●●●●●
Pole Street & Lyon Street		⊗●●●⊗	●●●⊗⊗				
Lyon Street		⊗●●●⊗	●●●⊗⊗				
Bristow Street				⊗●●⊗			
Hyde Street				⊗●●⊗	●●●●●●		
Youell Street					⊗●●⊗	●●●●●●	●●●●●●

* These dates are indicative and subject to change with no prior notice due to weather conditions and fluctuating sewer flows.



Night works

Night works are required when CIPP lining is underway. Once these works begin, they must continue until completed. We estimate each section of CIPP lining will take approximately 18 hours to complete. **Works progressing into a weekend period will be avoided where possible but may have to continue until fully complete.**



Night Works

Working hours

While relining works are underway we will be running two work crews day and night to keep the works progressing. Shift change over times will occur at **7am and 7pm Monday to Friday**. Once relining is complete the standard working hours will resume with day works being 7am to 6pm Monday to Friday.

Noise

During work hours there will be noise from motor vehicles, machinery and generators. Some noise is expected as part of the night works. We will do as much as possible to reduce these impacts, including setting up sound matting around generators and site barriers.

Odour

You may notice a rotten egg type smell. This is caused by opening the maintenance holes and using ventilation fans along the sewer line. You may also notice a strong resin smell when the relining works are underway. Rest assured, while both of these smells can be disruptive, they are not harmful and will disappear when we finish. If you are smelling an odour it is best to keep all windows and doors shut to help reduce the smell coming into your home or workplace.

Traffic, parking, cyclists and pedestrians

There will be temporary changes to traffic conditions including lane closures, road closures, parking restrictions and alternative driveway access for some properties. Minor detours may be required for pedestrians and cyclists, and we encourage you to be careful around work areas and observe signs.

Confined space entry

Safety is our number one priority when people enter the sewer network. We use gas monitors to ensure it is safe to enter and remain underground in the maintenance hole, as well as verbal communication to ensure contact is always maintained. When radios are not effective for this task, calling up/down the hole is required. We understand that this can be disruptive to households, but it's important for the safety of our staff.

No interruption to services

There will be no interruption to your water or sewerage services during our works. If you experience any issues with your sewerage service, please contact City West Water (132 642)

Keep up to date with what's happening

For more information about this project please call Melbourne Water on 1800 795 154 or email youellstreetsewer@melbournewater.com.au



Interpreter

For an interpreter, please call the Translating and Interpreting Service (TIS National) on 13 14 50

Find out more

