

# CENTRAL INTERCEPTOR BULLETIN

Rawalpindi Reserve site, 9a Rawalpindi Street

We're building the Central Interceptor, a super-sized wastewater tunnel to reduce overflows, creating a better environment for you to enjoy.

## Site update

It's going to be another busy year for our Central Interceptor teams including the Rawalpindi Reserve team which has some exciting construction activities planned. With two crews on site, Rawalpindi Reserve will be a hive of activity. Here is what each team will be focusing on:

### Micro-Tunnelling team

The micro-tunnelling team has relocated from our Mt Albert War Memorial site to Rawalpindi Reserve in preparation for the arrival, launch and tunnelling operations of the micro-tunnel boring machine (mTBM), Domenica.

The mTBM will be launched from the shaft in mid-February to tunnel her final drive of 300m to our Norgrove Avenue site. This will complete the Link Sewer B works and her time on the Central Interceptor project. The Link Sewer B tunnel runs from Mt Albert to Rawalpindi Reserve and has an internal diameter of 2.4m and is 1.1km long.

### Site team

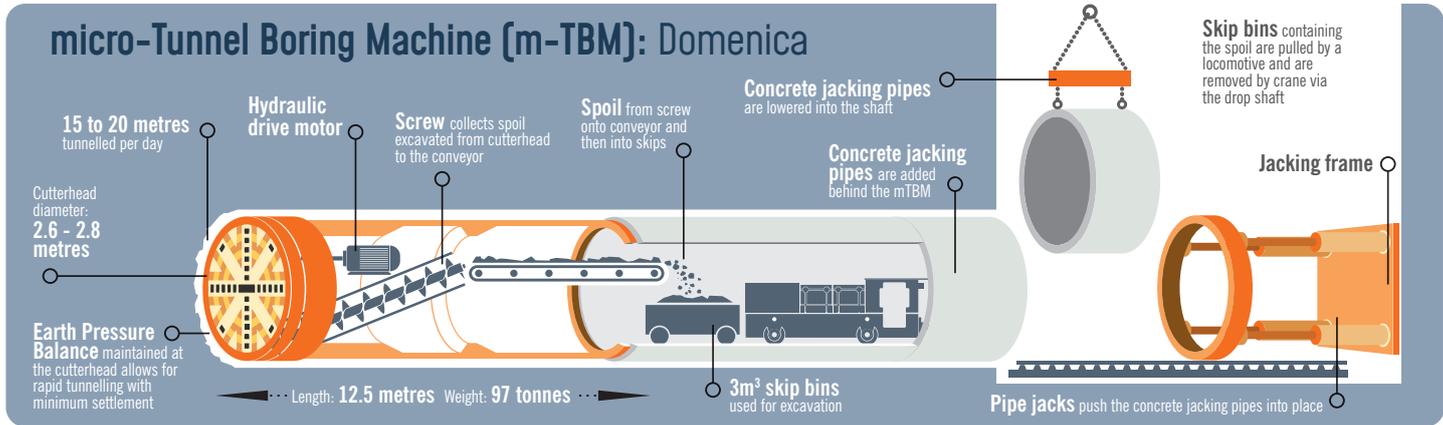
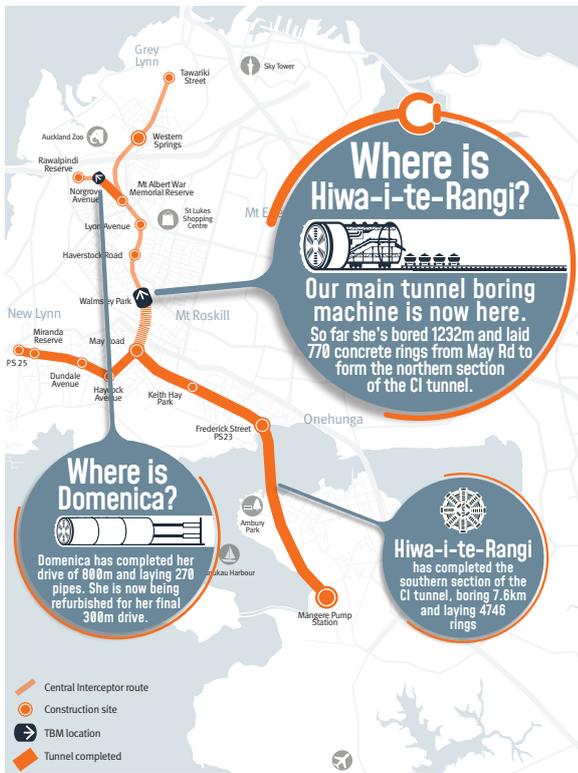
The site team above ground will continue constructing new manhole chambers and sewer connections. The work involves replacing three manholes with a larger pipe that will divert directly into the new Central Interceptor tunnel.

The current wastewater pipes can no longer cope with the increased capacity, hence the overflows which occur during heavy rain events. Think large-scale drain laying due to the increase in housing and population in the area and wider Auckland.

## Tunnel progress

Check out our website which now has a weekly update of the TBM's progress. <https://www.watercare.co.nz/Central-interceptor/Constructing-the-Central-Interceptor>.

You can also follow us on Facebook, or Instagram.





## Increased truck movement

Our mTBM, *Domenica*, will arrive in three sections early February. She will be lowered down the shaft and start tunnelling by mid-February.

Once tunnelling starts you may notice an increase in truck movements. We will have pre-cast pipe segments arriving and spoil from the tunnel transported from the site. Our traffic management team is onsite to ensure the safety of pedestrians and other vehicles. Please follow all instructions and signage to keep you and our workers safe.



## Behind the Blue Gate Open Day

Thank you to everyone who popped down to see us at our open day held in November 2023. We hope that you enjoyed the behind-the-scenes access and learning more about the project.

### Any questions?

For up to date information please see our website:

[www.centralinterceptor.co.nz](http://www.centralinterceptor.co.nz)

You can also email us at:

[ciproject@gajv.com](mailto:ciproject@gajv.com)

Or phone:

0800 GAJV 02 (0800425802)

Follow us:

[@gajv\\_nz](https://www.instagram.com/gajv_nz)

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## Who it takes to build the Central Interceptor

The Central Interceptor project stretches across 16 sites from Māngere to Grey Lynn. Each of these sites has a team of people working on various activities and construction stages. There are numerous jobs on this project, each requiring different skills, backgrounds, experience and qualifications. This regular feature will give some insight into one of the many important roles on the project.

### Technical Engineer

#### What is a technical engineer?

A technical engineer is responsible for coordinating and managing the completion and delivery of designs that are required for the entire duration of a construction project. The designs need to be completed on time and need to take into consideration a wide array of factors such as constructability, cost, geology and other site constraints to name a few.

#### What are the daily activities of this role?

A technical engineer is responsible for coordinating and managing the completion and delivery of designs that are required for the entire duration of a construction project. The designs need to be completed on time and need to take into consideration a wide array of factors such as constructability, cost, geology and other site constraints to name a few. A typical day includes liaising with the construction team, the Client, subcontractors and CAD drafters in order to facilitate a smooth design process and to produce coordinated designs that work and satisfy the needs of all parties. Design changes and technical queries are also managed by the technical engineer.



Joey Tong, Assistant Design Manager for CI project

#### What qualifications do you need?

A Bachelor of Engineering (Honours) degree.

#### What is one of the challenges of being a technical engineer on the project?

Due to the size of this project and having all 16 sites open now, it can mean juggling up to 20 different designs in parallel, all of which will be at different stages of design, with different complexities of their own and competing demands.

#### Is there anything about the job that might surprise people?

Construction is such a dynamic and fast-paced environment, so sometimes you turn up to work and end up doing something completely different than what you had planned due to urgent and unforeseen work that comes your way.



We encourage you to receive these updates electronically - send us your email, your current mailing address and quote "Sign me up: Rawalpindi Reserve site bulletin" to [ciproject@water.co.nz](mailto:ciproject@water.co.nz)