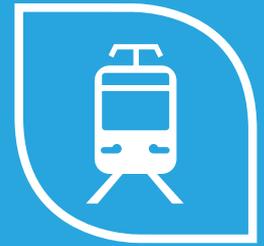


# Working near the Tram Network



## Ensuring you work safely within the Tram Corridor & Surroundings

Due to the additional dangers that exist within the Tram Corridor including movement of trams & live overhead power lines, a permit must be obtained and authorised by Torrens Connect prior to any works commencing.

This document contains information about when and where a permit is required, and how to apply for one:

- When is a permit required?

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- Where is the Tram Corridor?

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- What is the Danger Zone?

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- Activities that require a Permit

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- What information is required in a Permit to Work application?

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- What to do in the event of an emergency

For any further information, or to clarify your permit requirements, please get in touch with the team at Torrens Connect via email at [permits@torrensconnect.com.au](mailto:permits@torrensconnect.com.au).



## When is a permit required?

A Permit to Work is required at all times when working on or near the tram network. This includes vehicles fitted with cranes, tipping bodies or skip loaders that may come within the Danger Zone when this equipment is in use. If you are unsure if your work will occur within the Tram Corridor, please contact Torrens Connect.

# Where is the Tram Corridor?

The Tram Corridor represents the outer boundary of the area in which the Trams operate. It is defined as:

## 1. Corridors:

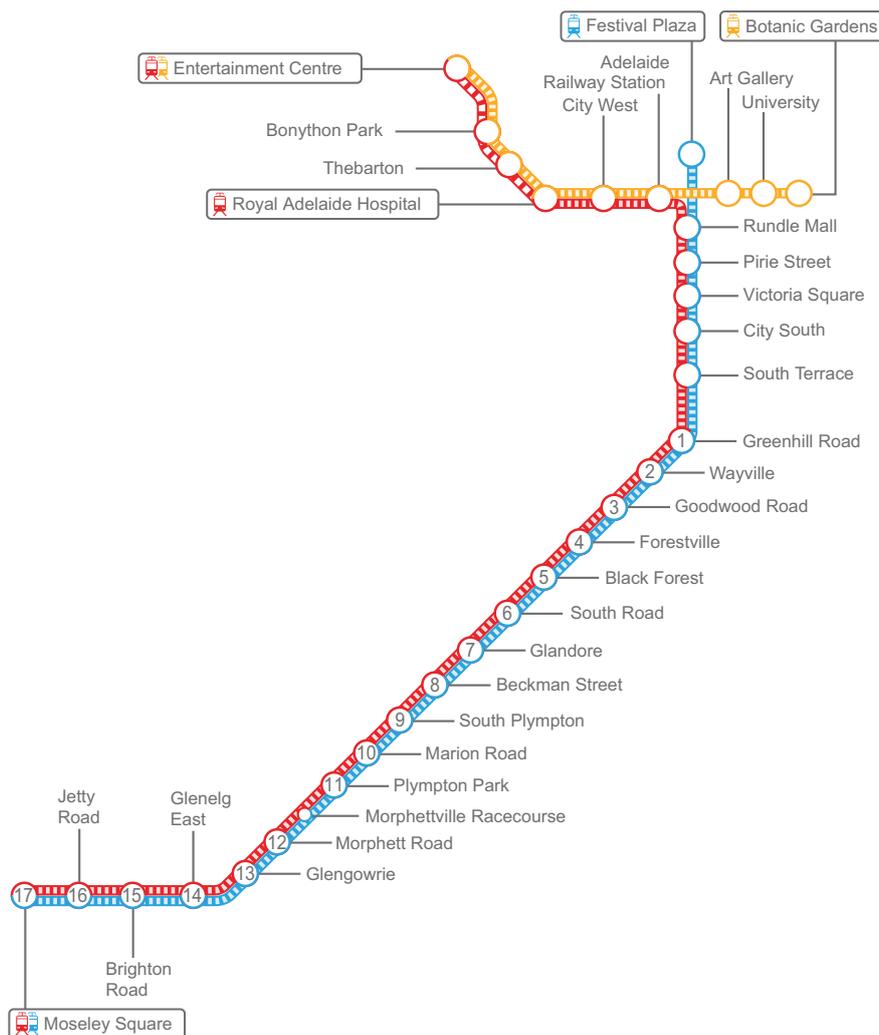
- a. Within the Shared Corridor: Street to Street: the road area from back of kerb and gutter to back of kerb and gutter; and
- b. Closed Corridor: From South Terrace, Adelaide to Brighton Road, Glenelg; all land track and infrastructure between boundary fences.

**2. Intersections:** from the edge of the track slab + 300mm on each side

**3. Outside of the road reserve (including substations):** fence to fence or building to building (as applicable)

**4. At Stops:** to include the Stop, steps, ramps and paving; and

**5. Depot:** fence boundary



## What is the Danger Zone?

The Danger Zone represents the safe boundary of the Rail Corridor. Crossing over the boundary could lead to a major safety risk, such as collision with a tram or electrocution. It is defined as all horizontal space within 3m from the nearest rail. The Danger Zone also extends above and below the ground. Where there is more than one track, the area between the tracks is also considered to be within the Danger Zone.

### Remember:

Trams are typically quieter than road vehicles and much quieter than heavy-rail trains. That is why it is important to watch out for trams and to always be alert in the vicinity of the tram corridor.



## Activities That Require a Permit

All works on or near the Tram Corridor must be approved by Torrens Connect. These activities include, but are not limited to:

1. Any work where any part of the worksite, any tools or material, plant or machinery, a suspended load, or any person (who is performing work), could come within the Tram Corridor or the Danger Zone
2. Any work which will force pedestrians to be diverted into the Danger Zone
3. Piling, using a crane, excavation over 2m deep, or erecting and dismantling scaffolding, within 6m of the edge of the Danger Zone
4. Any excavation within 3m of any pole supporting overhead wires (including those assets outside of the Danger Zone)
5. Any work of any kind within 3m of a pole supporting overhead wires
6. Any work where vehicles fitted with cranes, tipping bodies or skip loaders will come within the Danger Zone when this equipment is in use
7. Any work of any kind that may produce smoke, dust or gas in a confined area requiring inhibition of the fire alarm system
8. Work within the Danger Zone or an electrical exclusion zone (Safe Approach Distances)
9. There is a risk of breaking rail continuity or a bonding cable
10. Any kind of works that will impact the visibility of lights and signals around the tram network, even if outside the Danger Zone

For any further information, or to clarify your permit requirements, please get in touch with the team at Torrens Connect via email at [permits@torrensconnect.com.au](mailto:permits@torrensconnect.com.au).

## Permit To Work Application: Required Documents

In support of any PTW application, Torrens Connect will require detailed descriptions of the tasks to be undertaken, how risks will be controlled, communication plans, identification of person in charge (PIC) of worksite, safeworking controls as required, and any associated training or certification required, timings, and risk assessments.

This information can be provided in the form of work packages, method statements, work instructions or in any other format as utilised by the organisation requesting the PTW.

This will allow Torrens Connect to evaluate risks to operations, ensure that appropriate risk management of work activities will be in place, and ensure the appropriate controls and actions are undertaken by Torrens Connect prior to allowing the PTW to become active.

There is a fee of \$500 for each Permit to Work application. Extended Permits to Work (known as Access Authorities) for low risk works will incur a cost determined upon application. If the proposed work requires an isolation of the traction power network there will be an additional charge of \$2500 per shift.



## Work Packages

Work Packages must contain at least:

1. The location of the proposed work
2. Risk assessment
3. Any High-Risk Permits
4. Details of the work required
5. Description of the equipment / personnel involved
6. Scope of work
7. Expected timeframes (i.e. days/hours)
8. Pre-job inspection information
9. Copies of Certifications held (if required)
10. Any other pre-requisites or safety-related documentation as requested

## High-Risk Permits

High Risk Permits by the Applicant cover the following work activities:

1. Confined space
2. Hot work
3. Working at height
4. Trenching
5. Excavation



## In the Event of an Emergency

Keeping workers, pedestrians and passengers on the Tram Network safe is our top priority. During works if an incident or a task posing any danger occurs on a tram stop, please stop work immediately and contact the Operations Control Centre (OCC). The OCC will give directions to keep all users safe and contact the necessary emergency services.

Examples of safety hazards:

- Work obstructs the tram tracks unexpectedly
- An item or person has, or is suspected to have, come in to contact with the overhead power lines (cables/wires)
- If any tram equipment has, or is suspected to have been damaged

If an approaching tram must be stopped, signal to the driver by holding both arms above your head. Stand where the driver can see you, but not in the path of the tram.

For any further information, or to clarify your permit requirements, please get in touch with the team at Torrens Connect via email at [permits@torrensconnect.com.au](mailto:permits@torrensconnect.com.au).