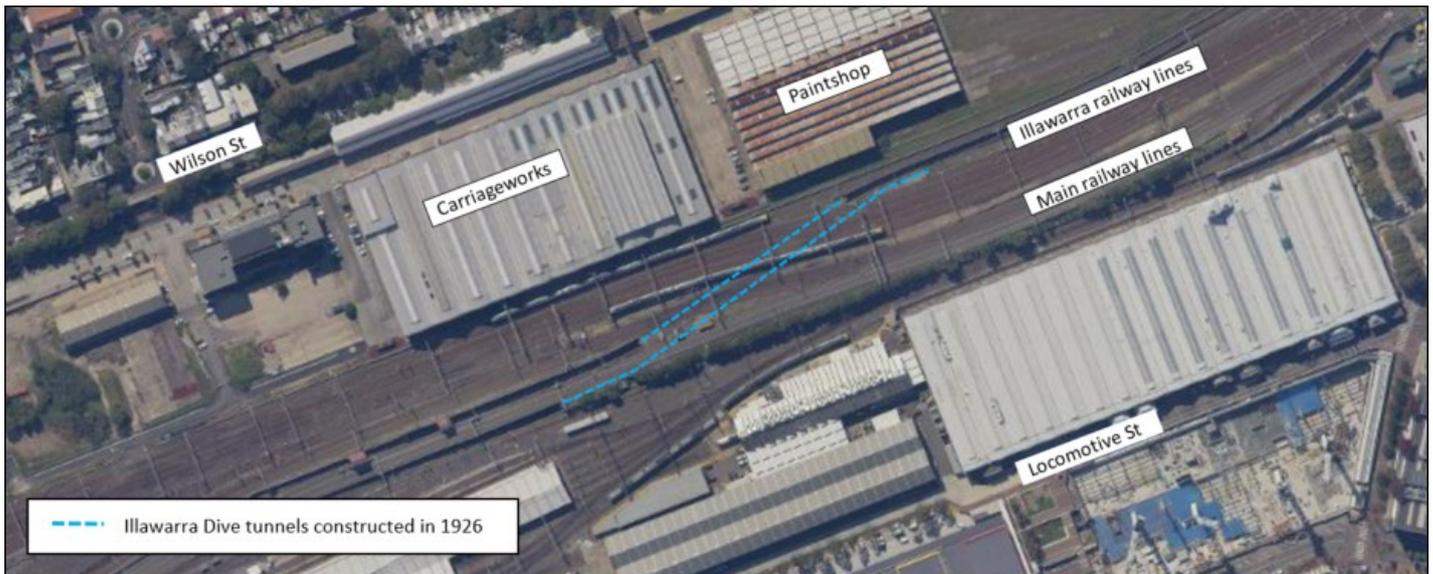


More Trains, More Services

Sydney Terminal Area Reconfiguration Project
Upcoming drainage upgrade work at Eveleigh



What we are doing

We're upgrading the rail infrastructure between Sydney Terminal and Erskineville Junction, to support the introduction of the new fleet of trains operating on the South Coast Line which will access platforms 1 to 14 at Central Station. This work will include upgrading the drainage system within the rail corridor at Eveleigh.

About the Illawarra Dive Tunnels at Eveleigh

In 1926, two tunnels were constructed inside the rail corridor in Eveleigh to allow trains to cross between the Illawarra and Main railway lines without obstructing other tracks. These tunnels, known as the *Illawarra Dives*, are shown on the map above. When they flood during heavy rain events, trains have to be rerouted to other railway lines, causing delays across the network.

As part of our work the Illawarra Dives drainage system will be upgraded to prevent future flooding and improve reliability across the network.



Photo taken during Illawarra Dives construction around 1926. The dives were constructed using one of the oldest methods of tunnelling known as 'cut and cover'. This method involves digging a trench, which is then covered by a concrete deck.

Upcoming investigation work

Essential investigations to assist with early planning and design prior to drainage upgrade work will take place in the rail corridor from **10pm Friday 29 October through to 2am Monday 1 November** during scheduled Sydney Trains trackwork periods when no trains will be running.

Non-intrusive investigation work will occur during November and December.

Investigation work will include:

- potholing to locate existing underground services
- drilling small boreholes using a drill rig and extracting soil samples.
- installing survey markers inside the rail corridor and Eveleigh Maintenance Centre to monitor the surface for any movement before, during and after our work.

The map below shows the work area in Eveleigh.



Inside one of the two Illawarra Dives tunnels. Each tunnel is 4.8 metres wide.

Hours of operation

To support the construction industry through the COVID-19 pandemic, the NSW Government has extended an amendment to the legislation regarding standard construction hours. This amendment enables activities to be carried out between **7am and 6pm Monday to Sunday**.

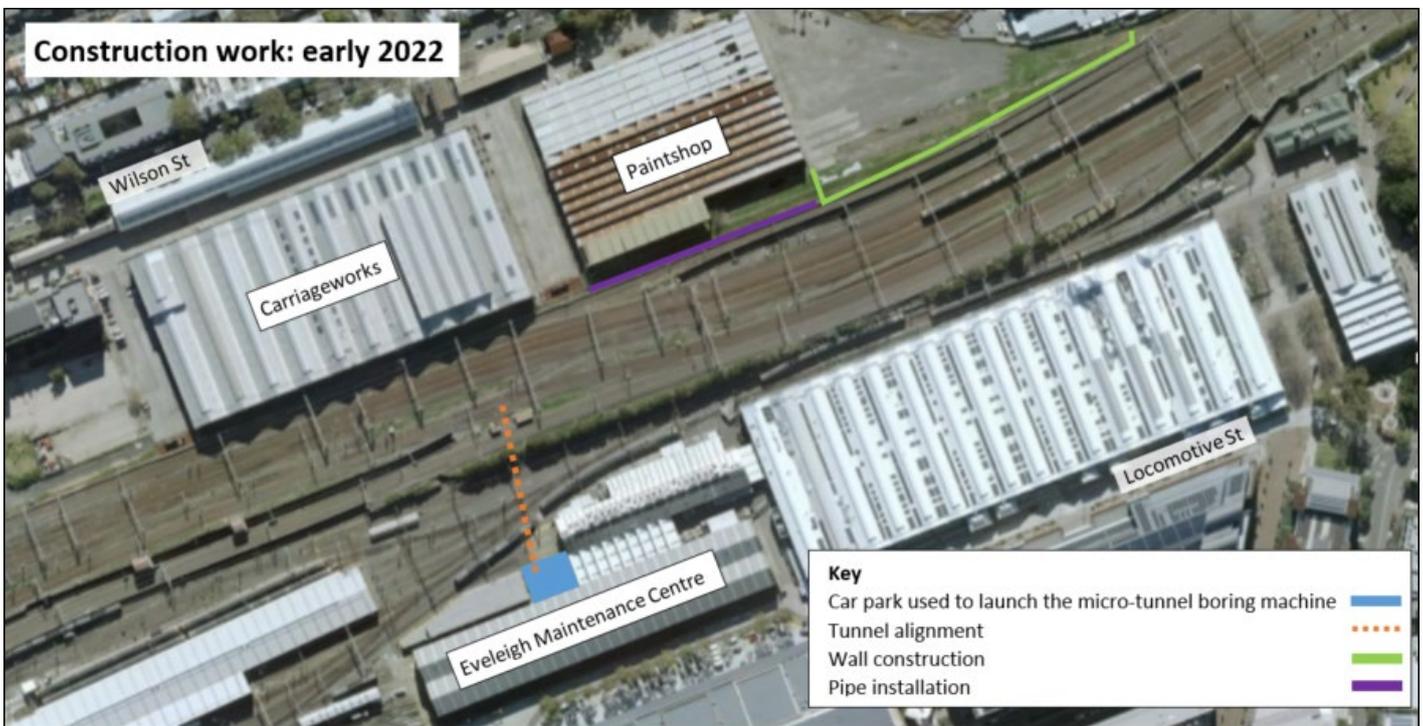
How do we consider the community?

The project team understands construction activities may cause disruption for the community and we thank you for your patience as we carry out this work. We will adhere to strict environmental conditions relating to noise, vibration and dust management whilst construction is taking place.

There's a lot of work happening

Multiple project teams from transport agencies are working within the Central rail corridor. For more information on work completed by Sydney Trains, please contact 1300 656 999, or visit www.transport.nsw.gov.au/sydneytraincommunity





Drainage upgrade work

Construction work on the drainage system upgrade is scheduled to commence in **early 2022** and is expected to take **6 months** to complete.

Planned construction activities include tunnelling, wall construction and pipe installation.

Please refer to the map above for the location of these activities.

Tunnelling

We will use a micro-tunnel boring machine to excavate a small tunnel from the car park inside the Eveleigh Maintenance Centre (EMC) to the Illawarra Dives. The tunnel will be 60 cm in diameter and will serve as a new drainage line once excavated, connecting drainage pits inside the dives with an existing drainage pump inside the EMC.

All tunnelling will take place within the railway corridor and EMC, and we do not expect residents or businesses to hear or feel tunnelling.

Wall construction and pipe installation

We will construct a 1.2m high retaining wall adjacent to the Paintshop to prevent rainwater from running into the rail corridor through to the Illawarra Dives.

The water captured by the wall will then feed into a new pipe that will be installed along the rail corridor and connected to the existing drainage system in the area.

We will provide further details to the community prior to the start of the drainage upgrade work.



Micro-tunnel boring machine for drainage upgrade work

Contact us

For more information or to subscribe for project updates:

 project information line: 1800 684 490

 24/7 construction response line:
1800 775 465

 projects@transport.nsw.gov.au

 www.transport.nsw.gov.au/mtms

Translation



If you require the services of an interpreter, please contact the Translating and Interpreting Service on **131 450** and ask them to contact Transport for NSW on **1800 684 490**.

An interpreter will assist you with translation.