

New Intercity Fleet Maintenance Facility

DECEMBER 2018 / JANUARY 2019: COMMUNITY NOTIFICATION

The NSW Government is delivering a New Intercity Fleet to replace the trains carrying customers from Sydney to the Central Coast, Newcastle, the Blue Mountains and the South Coast.

The detailed design and construction of the new maintenance facility at Kangy Angy, which will service and maintain the New Intercity Fleet, is being delivered by John Holland on behalf of Transport for NSW.

Work in December and January

Construction work

- Earthworks, including trenching, service installation and service relocations (including on Turpentine Road and Chittaway Road)
- Installing in-ground services and stormwater infrastructure
- Formwork, steel reinforcement and concrete work for buildings
- Work on the Turpentine Road Bridge and the new access bridge including foundation piling, abutment, substructure and structure work
- Commencing & completing culvert work around Chittaway Creek and Turpentine Road
- Building crane and piling platforms
- Roadwork around Turpentine Road and Ourimbah Road, including the re-alignment of Turpentine Road and Ourimbah Road
- Construction of a retaining wall on Turpentine Road
- Roadwork for the new access road bridge and new roundabout on Enterprise Drive including the installation of services and vegetation clearing on Enterprise Drive
- Construction of temporary and permanent roadways throughout the project, including the flood access road
- Installation of overhead electrical masts south of Turpentine Road Bridge
- Installation of a new crossover on the main rail line
- Relocation of high-voltage power, gas and telecommunication services, including installation of power poles.

Environmental work

- Monitoring noise, vibration, dust, surface water and groundwater
- Operating street sweepers as required to maintain local amenity
- Temporary diversion of Chittaway Creek for culvert construction. Please note, more information will be provided prior to the start of this work.

Night work

Essential work will be completed outside standard construction hours during the periods below.

The work will occur during a Sydney Trains possession, when passenger and freight trains do not operate, and our staff can safely access the rail corridor.

2am Saturday 12 January to 2am Monday 14 January 2019

Work to be completed includes:

- Overhead wiring steelwork installation
- Civil works including the delivery of rail sets
- Relocating high-voltage power utilities
- Delivery of plant and materials.

2am Sunday 27 January to 2am Tuesday 29 January 2019

Work to be completed includes:

- Civil earthworks and drainage
- Delivery of plant and materials
- Relocating high-voltage power utilities
- Bridge pier piling works.

Telstra network modification

10pm Monday 10 December – 3am Tuesday 11 December 2018

Telstra will be undertaking work during this time to minimise impacts to local residents and Telstra customers. The work will be carried out at two locations adjacent to Enterprise Drive and Chittaway Road (see Figure 1).

A short service interruption may occur for nearby residents between midnight and 3am Tuesday 11 December 2018. No service interruption is expected prior to midnight. Work will be carried out using a light vehicle and hand tools.

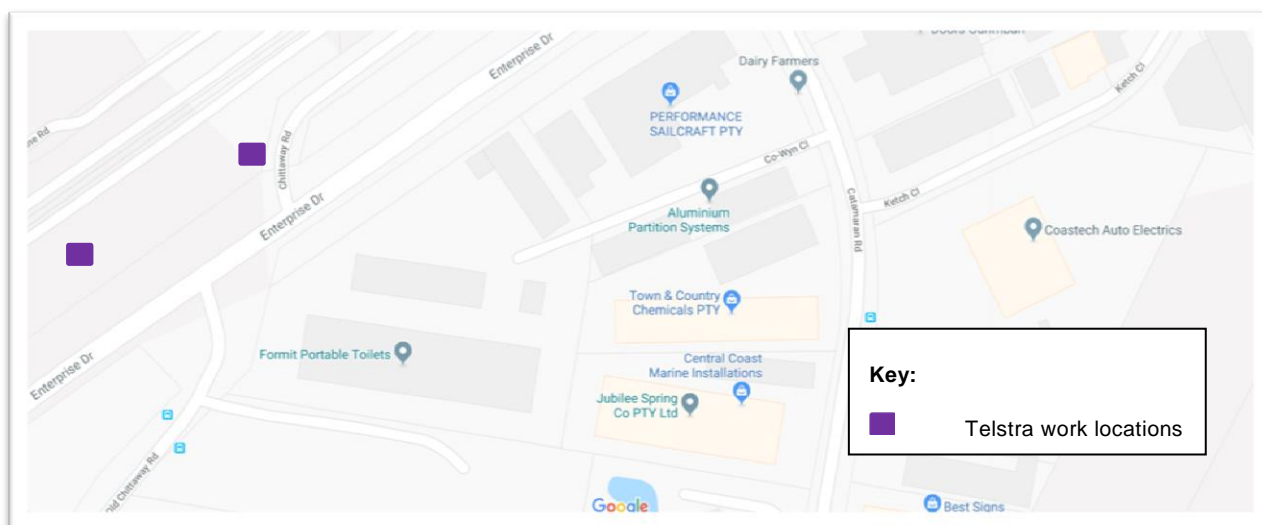


Figure 1 – approximate work locations

Groundwater dewatering

Groundwater dewatering activities will take place in December and January at Chittaway Creek and on site. Dewatering involves pumping water into a tank to allow for culvert construction at Chittaway Creek and the construction of the main detention basin on site.

Dewatering activities will be running 24 hours a day for several weeks. Nearby residents will be contacted prior to work commencing. The work is expected to be inaudible.

What you may notice

Noise and vibration

Noise will be associated with some construction work during December and January, however we will take steps to reduce impacts such as:

- conducting noisier works during standard construction hours
- turning machinery off when not in use
- using only necessary equipment
- directing noise emitting plant and equipment away from residential areas

Should work outside standard hours be necessary, affected residents and businesses will be consulted prior. We conduct noise monitoring regularly to ensure compliance with planning approvals.

Piling to establish the new access bridge foundations is continuing on site. Piling involves drilling into the ground to the bedrock, then driving casings into the rock. This is will be undertaken with environmental and safety controls in place. Noise and vibration will be generated by this work, which will be monitored. Noise dampeners will be used to minimise impacts to neighbouring properties. Work will be carried out for three hours at any one time, followed by a one hour break.

Enterprise Drive temporary changes

During December 2018 and January 2019 services will be installed on Enterprise Drive, which will require Enterprise Drive be partially closed. There will also be pavement investigations during January to facilitate future construction of the new roundabout.

Where possible, this work will be undertaken during regular construction hours, however to limit impacts to road users, the partial road closures will occur at night. Residents directly impacted by these road works will be given prior notification.

Traffic changes

Road widening will continue on Enterprise Drive to enable construction of a new roundabout and access road bridge. The work will occur behind concrete barriers placed along Enterprise Drive near the intersection of Old Chittaway Road and Catamaran Road.

Part of Enterprise Drive is now operating under a **reduced 60km/hr** roadwork speed limit and there will be increased heavy vehicle movements bringing in materials.

There will also be some temporary traffic changes to local roads at times. Road users may experience some delays along Enterprise Drive and at the intersections of:

- Chittaway Road and Hereford Street
- Enterprise Drive and Turpentine Road
- Turpentine Road and Ourimbah Road
- Old Chittaway Road and Enterprise Drive.

Please keep to speed limit and follow the direction of traffic controllers and signage.

New site compound – Chittaway Road

To enable construction of the new access bridge road, a temporary site compound will be installed (subject to approval) in December adjacent to Chittaway Road. See *Figure 1* overleaf.

Heavy vehicle movements

Heavy vehicles entering and exiting the site will now do so via the routes outlined in the Determination Report for the Addendum Review of Environmental Factors: Alternative Construction Access Routes.

Some heavy vehicles will still travel along Turpentine Road when they're needed for works on that stretch of road. Traffic control will be in place to ensure the safety of road users.

Minor traffic delays may be experienced, however where possible, movements on Turpentine Road will be scheduled to avoid peak traffic hours.

Enterprise Drive / Chittaway Road - link road

The new access road linking Enterprise Drive and Chittaway Road is now open. Please note, Chittaway Road (to the west of the link road) has been closed. See *Figure 2* for further detail.

Access along Chittaway Road will be maintained in an altered configuration. Road signs will guide road users through the change.



Figure 1: Location of the link road and proposed site compound

Equipment

Equipment to be used during December includes:

- Hand held tools
- Light vehicles and trucks
- Survey equipment
- Cranes and drill-rigs
- Front-end loader
- Elevated work platforms
- Vacuum trucks
- Excavators
- Compaction plates
- Rollers
- Lighting towers
- Work train
- Bulldozers
- Concrete trucks and pumps
- Concrete vibrators
- Street sweepers
- Graders
- Bridge Piling Machines.

Addendum Review of Environmental Factors Determination Report - Alternative Construction Access Routes

Transport for NSW would like to thank the community for their submissions to the Addendum Review of Environmental Factors: Alternative Construction Access Routes, which was placed on public display between 25 June and 16 July 2018.

The feedback received was considered as part of the planning approval process and has been responded to in the Determination Report which is now available on the project webpage.

Urban design update Have your say

An update on the urban design for the maintenance facility is now available to view on the project web page. The plans provide information about the location of buildings, roads and parking areas within the Maintenance Facility site, as well as the proposed designs for site buildings.

The urban design plans aim to integrate the facility into the existing landscape, using natural finishes like timber and rock, as well as native vegetation to blend with the local surroundings.

Residents whose properties are close to the facility are invited to provide feedback on aspects of the plan by Monday 17 December 2018.

Standard construction hours

Standard construction hours are **7am – 6pm Monday to Friday, and 8am – 1pm Saturday**. For the safety of staff, rail customers and the community, some work will be completed outside standard construction hours. Nearby residents will be notified of any out of hours work prior to this work taking place.

Construction during the Christmas and New Year period

No work will take place on 25 and 26 December 2018 or 1 January 2019. Standard construction hours will apply at all other times (including 28 January 2019).

Contact us

Working closely and effectively with the local community is a priority for Transport for NSW and John Holland.

For more information about the project please call 1800 684 490, email projects@transport.nsw.gov.au or visit transport.nsw.gov.au/projects.

For urgent enquiries or complaints regarding construction activities, please call 24 hours 1800 775 465.

Thank you and Merry Christmas

We would like to thank the local community for its patience and understanding while we completed our various construction works during 2018. We hope to continue working closely with you during 2019 as we further progress the Maintenance Facility construction works.

We would also like to wish the local community a safe and happy Christmas and holiday period.