

New Intercity Fleet Maintenance Facility

July 2019: COMMUNITY NOTIFICATION

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

- Earthworks, including trenching, service installation and relocations, on Turpentine, Ourimbah and Chittaway roads
- Installing in-ground services and stormwater infrastructure
- Formwork, steel reinforcement and concrete placement works for buildings
- Work on Turpentine Road and the new access bridge work including; foundation, concrete pouring, abutment, substructure and super structure works
- Creek realignment and scour protection work around Chittaway Creek and Turpentine Road
- Building piling and crane platforms
- Removal of vegetation according to project conditions of approval
- Security fence foundations
- Construction of a retaining wall along Turpentine Road
- Construction of Train Wash retaining walls
- Roadwork for the new access bridge and new roundabout on Enterprise Drive including the installation of services and vegetation clearing
- Construction of temporary and permanent roadways throughout the project, including the flood access road
- Installation of overhead electrical masts south of Turpentine Road bridge
- Relocation of high-voltage power and telecommunication services, including installation of power poles
- Construction of traction substation on Enterprise Drive including access roads
- Noise barrier foundations
- Removal of redundant street lighting on Enterprise Drive
- Construction of wheel lathe, train wash, sewer decant and security building

Environmental activities

- Continued implementation of environmental controls in line with the schedule of works (e.g. erosion and sediment controls and dust suppression measures)
- Monitoring noise, vibration, dust, surface water and groundwater
- Dust mitigation activities, including the use of water carts which at times may be used outside standard construction hours
- Operating street sweepers as required to maintain local amenity
- Temporary diversion of Chittaway Creek for Turpentine Road access bridge construction, creek realignment and scour protection work

Standard construction hours

Most work will be carried out during standard construction hours between **7am and 6pm Monday to Friday, and 8am and 1pm Saturday**. For the safety of staff, rail customers and the community, some work will be completed outside standard construction hours. Nearby residents and businesses will be notified of before out of hours work takes place.

Out of hours work

Track Possession 2am Saturday 13 July to 2am Monday 15 July

To help ensure the safety of staff, rail customers and the community, essential work will be completed outside standard construction hours during a scheduled Sydney Trains track work possession. Work during the possession includes:

- Track work
- Rail signalling and communication work
- Installation of new track overhead wiring infrastructure
- Earthworks, drainage and fence installation
- Construction of undertrack crossings
- Finishing work on access bridge girders
- Turpentine Road bridge girder related work
- Delivery of plant and materials including oversize deliveries

Site office compounds will be in use during this work. Activities to set-up for the weekend work may be carried out from **6pm Friday 12 July**, and demobilisation activities may take place between **2am and 7am Monday 15 July**.



Access bridge girders in place over the rail line (looking south)

Concrete pouring

Planning is underway for at least one large concrete pour in July, weather permitting. Residents near work locations will be contacted before work starts.

Due to the volume, possible weather constraints and quality requirements, the pour/s will start and finish outside standard construction hours. Start time on weekdays will be between 5am - 7am and finish between 6pm - 11pm. On Saturday, concreting activities may occur between 5am and 3pm.

Groundwater dewatering

Groundwater dewatering activities are continuing at Chittaway Creek and on site. Dewatering involves the pumping and discharge of water to allow for construction work at Chittaway Creek and the construction of the main detention basin on site. Dewatering activities will take place 24 hours a day for several weeks, and are expected to be in audible.

Delivery of oversize plant, equipment and materials

The delivery of oversize plant, equipment and materials will occur in July. For compliance purposes, oversize trucks require escort (including Police) and must be off the road no later than 6am. The likely route to be used will be south along Enterprise Drive and then entry onto Chittaway Road. Residents near delivery locations will be contacted before this occurs.

What you may notice in July

Noise and vibration

Noise will be associated with the work, however we will take steps to reduce impacts such as conducting noisier works during standard construction hours where possible, and turning machinery off when not in use.

Structural steel framing

Installation of structural steel for the maintenance facility building continues in July and we will soon start installing various internal steel structures such as platforms, walkways and railings. The roof cladding will start once internal steel and rail has been installed. Some noise will be generated by this work.



Structural steel for the main building of the maintenance facility

Access bridge update

Work on the access bridge continues this month with finishing work for the girders. The side walls of the bridge will be installed during the next Sydney Trains track possession from 13 to 15 July.

Turpentine Road bridge update

Work is progressing on the bridge abutments on each side of Turpentine Road. Four bridge girders are expected to be installed during the next Sydney Trains track possession from 13 to 15 July. Traffic control will be in place during the installation.

Ausgrid maintenance

Ausgrid has advised they are about to begin their maintenance program of vegetation trimming in their easements in or near the maintenance facility project area. This trimming is carried out to maintain safe distances between trees and powerlines and power poles. For more information, please visit ausgrid.com.au/In-your-community/Tree-trimming

Traffic changes

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

Part of Enterprise Drive continues to operate under a **reduced 60km/hr** roadwork speed limit.

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 limits and follow the direction of traffic controllers and signs. Breaches may be referred to the Police.

Enterprise Drive/Old Chittaway roundabout update

Road upgrade work along Enterprise Drive is continuing. Late last month traffic lanes were re-aligned and concrete barriers installed. This re-alignment allows the next stage of roundabout construction to begin, including installing drainage and vegetation clearing on the eastern side of the road.

Equipment

Equipment to be used during July includes:

- Hand held tools
- Light vehicles and trucks
- Survey equipment
- Cranes and drill-rigs
- Front-end loaders
- Elevated work platforms
- Vacuum trucks
- Excavators
- Generators
- Track machinery including tampers
- Compaction equipment
- Rollers
- Lighting towers
- Concrete trucks and pumps
- Concrete vibrators
- Street sweepers
- Graders
- Vibrating equipment
- Chainsaws



New access bridge – surface preparation work

Project news

The New Intercity Fleet Maintenance Facility has been designed to reduce noise from operations as much as possible. Find out more about the noise reducing features of the facility at transport.nsw.gov.au/projects/current-projects/new-intercity-fleet-maintenance-facility

More information

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 about construction activities, please call our 24-hour construction response line **1800 775 465**.



This document contains important information about public transport projects in your area. If you require the services of an interpreter, please contact the Translating and Interpreting Service on **131 450** and ask them to call Transport for NSW on **(02) 9200 0200**. The interpreter will then assist you with translation.