

CONSTRUCTION UPDATE OCTOBER 2017

Upcoming construction activities

Key construction activities planned between October and November 2017 include:

- commence drainage works
- commence bulk earthworks
- continue bridge piling activities and bridge construction
- continue placement of fencing and erosion and sediment controls
- continue stripping of topsoil and earthworks
- continue hauling of soil and other materials
- continue installation of traffic barriers and narrowing of motorway lanes
- continue installation of construction and road signage
- continue construction of site entry points and access gates
- continue intermittent night works at various locations
- continue environmental monitoring.

We thank you in advance for your patience during these works. The project team is committed to providing regular updates and construction information in a timely manner.

Piling underway at Illaweena Street

A major construction milestone has been achieved on the Logan Enhancement Project, with the start of piling for the first of the 16 new bridge structures to be built as part of the project.

The piling is for the new Gateway Extension Motorway bridges over Illaweena Street, Stretton. Two new three-lane bridges are being built, and these require a total of 33 piles, with the piles being bored to a depth of 12 metres.

Three piles have already been completed, which will be for the middle piers of the new northbound bridge. This new bridge forms part of the complex traffic staging, which when complete, will see traffic switched onto the new bridge and used by motorists while the existing bridges are demolished.

Once completed, the new bridges will accommodate the widening of the Gateway Extension Motorway from four to six lanes, as well as increasing vertical clearance to eliminate the number of bridge strikes from trucks travelling along Illaweena Street.

Construction fast fact: What is piling?

Piles create a solid foundation to support a bridge by reaching a strong layer of soil or rock. There are different types of piling that may be used – bored, driven and Continuous Flight piles. Bored piling is underway for the new Gateway Extension Motorway bridges over Illaweena Street.

Bored piling is typically less noisy than driven piling, and involves a piling rig to bore a hole in the ground. Depending on ground conditions, the piling may also require a steel liner to be installed into the ground prior to or during excavation. A prefabricated steel cage is then lowered into the hole, with concrete then poured into the hole. Once the concrete has cured/set, the bored pile is complete.

Night works

The Logan Enhancement Project is committed to managing the impacts of construction noise in residential areas, wherever possible.

Construction activities are carried out during standard construction hours from 6.30am to 6pm Monday to Friday and from 6.30am to 3pm on Saturdays. However, night work is also required where it is necessary to close roads or traffic lanes for major construction activities such as resurfacing or installing bridges. Night time activities will be undertaken from Sunday to Saturday between 7pm and 5am.

The need to maintain motorway traffic flow, protect road users and construction workers means that some work must be undertaken after 8pm when traffic volumes are lowest. Construction activities that have the potential to generate noise include:

- major earthwork activities
- project vehicle movements and reversing squawkers
- bridge construction
- installation of bridge piles
- asphaltting and concreting
- sawcutting and breaking of rock and concrete
- loading, unloading or moving equipment and construction materials.

Unfortunately, in some instances, there are limited options available to reduce noise impacts given the type and range of machinery and equipment required to carry out the tasks within traffic management constraints. However where possible, the project team will undertake noisy works during the day.

Advanced notice of planned noisy work and night-time activities to neighbouring residents will continue to be undertaken.

Access to Karawatha Forest

The project team understands that members of community utilise an unofficial access route, under the Gateway Extension Motorway, to access the Karawatha Forest. Please be advised this unofficial access route to the forest, forms part of the Logan Enhancement Project's construction site.

As it is not safe for general members of the public to enter a construction site, access to the forest via this unofficial access route is closed. For more information visit the project website <https://loganenhancementproject.com.au/community/>

Find us on

The project now has its own Facebook page! Like the page to keep updated about project information facebook.com/LoganEP/

For more information

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