



PORT DRIVE UPGRADE FACT SHEET

APRIL 2017

PORT OF BRISBANE - PORT DRIVE UPGRADE

Port of Brisbane Pty Ltd (PBPL) is delivering a \$110 million upgrade to Port Drive and the local road network, delivering safer and more efficient port roads.

Piling at Kite Street and Lucinda Drive Bridge

A new four lane overpass at the Kite Street roundabout, and a new bridge at Lucinda Drive will be built as part of the Port Drive Upgrade to improve safety and traffic capacity to the Port of Brisbane.

The construction of these bridges will rely on piles or concrete columns to form the bridges' solid foundation for the structure.

The bridge structures at Kite Street and Lucinda Drive will provide a significant opportunity to create a lasting piece of infrastructure that contributes to the national economy by improving the efficiency of the road to meet the future needs of the port.

What are piles?

Piles are used to create a strong foundation to support a structure by connecting to a strong layer of soil or rock. Piles are commonly used when the soil closer to the surface does not have the strength to support a structure.

The method used to install the piles depends on factors such as soil type and the size of the load each pile must bear. For the Port Drive Upgrade, driven piles - as opposed to bored piles - are used to suit the underlying ground conditions.

What does piling involve?

This work involves driving concrete piles using a 10-tonne hydraulic hammer into the ground. The piles will support the new overpass structure over the Kite Street roundabout as well as the new bridge on Lucinda Drive.

More information

For information regarding construction activities, please visit our website www.portbris.com.au or contact us on 1800 895 929 or email us at community@seymourwhyte.com.au

When will the piling work be carried out?

Piling activity will be carried out from 8pm to 6am, Sunday to Thursday, weather and site conditions permitting.

Construction activities will be monitored to ensure that noise produced is minimised where reasonable and practical.

Why is the work carried out at night?

The work is undertaken out of hours' for safety reasons. The piles are up to 28 metres long and require temporary road closures to safely lift the pile over the road and into position.

Where will piling be carried out?

Piling has been completed near the Kite Street roundabout. Piling activities will start at Lucinda Drive Bridge from late April 2017.

What mitigation measures are in place?

Sand and timber packers are used to reduce the level of noise when the pile is driven into the ground.

This process has proven to be most effective in reducing noise from pile driving.



Photo: Piling activity north of the Kite Street roundabout