

# Gold Coast Rapid Transit

## Piling

**Piling activities have started on the Gold Coast University Hospital Station Shell at Parklands Drive, between Olsen Avenue and Alumni Place.**

### What is piling?

Piling involves the use of a drilling rig to excavate soil and create a deep circular hole.

A steel prefabricated reinforcement cage is then lowered into the hole and concrete is poured into the hole. Once the concrete sets, the bored pile is complete.

This piling method will be used to construct retaining walls for the Gold Coast University Hospital Station Shell. It is ideal in areas where ground conditions are suitable and where noise could become intrusive, such as in urban and residential areas.

This method is quieter than other methods of piling and is being used to minimise noise impacts.

### Construction hours

Working hours at Parklands Drive will be Monday to Saturday from 6.30am. Work will also be carried out at night for safety and to reduce traffic impact.

Every effort will be made to minimise construction impacts. Local residents, businesses and motorists have been advised of this upcoming construction work.

Traffic control will be provided to assist motorists and pedestrians during construction activities.

### About the project

The Gold Coast University Hospital Station is the first part of the early and enabling works which will prepare the corridor for the construction of the light rail, commencing in 2011. Construction of the shell will include floor, roof and walls that will support the future station structure, and is limited to the construction of the below-ground station structure, approach ramps and associated roadworks. This significant piece of work is expected to create around 200 direct and indirect jobs, with labour and materials to be sourced locally where possible.

The final fit-out of the Gold Coast University Hospital Station is scheduled to take place as part of construction of the light rail system.



*Drilling rigs will be used to construct the retaining walls for the Gold Coast University Hospital Station Shell.*



## Gold Coast Rapid Transit benefits

Stage One of the light rail system is the priority route from Griffith University (Parklands Drive, Southport) to Broadbeach. This 13 kilometre dedicated light rail corridor will service the new Gold Coast University Hospital, Griffith University, Southport medical precinct and the fast growing commercial, retail and recreational centres of Southport, Surfers Paradise and Broadbeach.

From 2014, the Gold Coast Rapid Transit project will provide:

- a light rail system that is, frequent, reliable and sustainable
- safe, comfortable and readily accessible public transport
- service frequency of every seven to eight minutes, seven days a week
- efficient mass transit that can transport 200 or more people per light rail vehicle during peak capacity periods
- connection points with other transport modes (such as bus)
- integration with the existing urban environment.

The project is being delivered by the Queensland Government (through the Department of Transport and Main Roads) in partnership with the Australian Government and Gold Coast City Council.

### What to expect

- **A crane and drilling rig will be on site at each piling location.**
- **Access to Griffith University via University Drive will be maintained with left-in and left-out only.**
- **Frequent movement of trucks to deliver concrete and steel and to remove excavated material.**
- **Construction noise will be kept to a minimum.**
- **Changes to traffic conditions will be managed by traffic control officers.**

### Contact us

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