

This construction update has been prepared by the Houghton Highway Duplication Project team for residents, businesses and other parties who have an interest in the delivery of this landmark \$315 million project.

The project involves construction of a new 2.7km road, cycle and pedestrian bridge between Brisbane and Redcliffe, and associated works. The project is being undertaken by Main Roads and its construction contractor, the Hull Albem Joint Venture, and is scheduled for completion in 2011 (weather permitting).

Current works

- Construction of the new Houghton Highway bridge is underway. The bridge is being built 35m east of the existing Houghton Highway, and will comprise 78 spans (or segments), supported by 154 foundation piles and 624 massive concrete girders.
- The first foundation piles of the new bridge were installed in Bramble Bay in late July 2008. The piles are being driven up to 39m into the seabed by two specialised piling hammers, which are operating from a large “falsework” bridge (or working platform) that has been erected off the Brighton foreshore. The falsework bridge will be used throughout the project to provide access to the construction area out over the water. As each span of the new bridge is completed, the falsework structure will be “leapfrogged” forward across the bay, to enable work on a new span to commence.
- Earthworks and preliminary roadworks are underway around the Brighton end of the Houghton Highway. These include construction of new concrete pedestrian / cycle paths along Deagon Deviation.
- Construction of a new pedestrian / cycle underpass is in progress at the Brighton end of the Houghton Highway. The underpass will run along the Brighton seawall beneath both Houghton Highway bridges.
- Reclamation of a section of the Moreton Bay Marine Park is in progress at Clontarf Point. These works involve construction of a new rock, earth and concrete seawall and embankment, which will enable Main Roads to connect the new Houghton Highway bridge to its northern approach roads. Construction of the seawall is underway.



ABOVE: THE FIRST FOUNDATION PILES OF THE NEW HOUGHTON HIGHWAY BRIDGE, INSTALLED IN BRAMBLE BAY IN JULY 2008. THE FALSEWORK BRIDGE IS TO THE RIGHT.

Traffic changes and other construction impacts

- Sections of Decker Park at Brighton and the foreshore parkland at Clontarf Point have been fenced, and are not accessible to the community during construction. Traffic control will be provided where vehicles are required to cross pedestrian footpaths from time-to-time.
- Pedestrian and cycle access has been closed beneath the Brighton and Clontarf ends of the existing Houghton Highway bridges during construction. Signed detours are provided.
- Temporary traffic lane closures are expected on Hornibrook Esplanade, Clontarf to allow trucks to enter/exit the worksite. Traffic control will be provided as required.
- Construction involves the use of heavy machinery/tools (e.g. pile driving hammers, excavators and trucks) which may cause increased noise, dust and vibration at times around work sites. The project team will conduct regular monitoring of these impacts to ensure they are within prescribed limits.

Upcoming works

- Earthworks and preliminary roadworks will continue around the Brighton end of the Houghton Highway.
- Construction of the new Houghton Highway bridge will continue. Works will include pouring of concrete bridge piles, columns and headstocks, and laying of girders on the first span of the bridge.
- Large gantry cranes will be erected in Bramble Bay, off Brighton. These will be used to lift girders into place throughout the construction of the new bridge.
- Land reclamation and seawall construction works will continue at Clontarf Point.
- Construction of a new pedestrian / cycle underpass will begin at the Clontarf end of the Houghton Highway. The underpass will run along the new Clontarf Point seawall beneath both Houghton Highway bridges.

More information

- General enquiries..... Phone:1800 626 976 during business hours (toll free within Australia)
Email: houghtonhighway@mainroads.qld.gov.au
- Project plans/information www.mainroads.qld.gov.au (search projects for Houghton Highway)
- Urgent or after hours enquiries.... Phone the Project Manager on 0418 785 370
- Site office..... Phone (07) 3269 0109 during business hours

Please take care when travelling through the construction site. Observe any changed speed zones and be aware of the workforce delivering this project. We thank you for your interest in the project.

CLAYTON SMITH

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