

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 continuing to move forward. The first seven of its 78 spans are now standing in Bramble Bay. Concrete girders and decks are being laid on spans 8 – 9, and construction of support piers for spans 10 – 15 is underway.
- During November, the falsework platform beside the bridge construction site was “leapfrogged” forward to enable building to start on spans 10 – 15. The platform will now continue to leapfrog forward as construction advances across Bramble Bay.
- Pile driving works for the new Houghton Highway fishing platform are in progress on the seaward side of the bridge construction site. The fishing platform is being built over the main navigable channel into the Pine River, and will be attached to the new bridge by a ramp walkway. The piling works are being carried out from an anchored barge.
- Preparations for pile driving works for the northern abutment of the new bridge at Clontarf Point are close to completion. Piling is scheduled to commence in early December 2008 and is expected to be completed before Christmas (weather permitting).
- Roadworks are continuing around the Brighton end of the Houghton Highway. These include road widening and construction of new concrete median barriers and pedestrian / cycle paths along Deagon Deviation, and reconstruction of the Hornibrook Highway between Deagon Deviation and Twenty-fifth Avenue.



ABOVE: A SPAN OF CONCRETE ROAD DECK BEING POURED ON THE NEW HOUGHTON HIGHWAY BRIDGE.

- Construction of new pedestrian / cycle underpasses is continuing at both ends of the Houghton Highway. The underpasses will run along the Brighton and Clontarf seawalls beneath the existing and new Houghton Highway bridges.
- Land reclamation works are continuing 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. The seawall is now complete, and filling and compacting of material behind the wall is in progress.



ABOVE: REINFORCED FORMWORK FOR ONE OF THE HOUGHTON HIGHWAY BRIDGE SUPPORT PIERS IS PREPARED FOR FILLING WITH CONCRETE.

### Traffic changes and other construction impacts

- Major traffic changes will be advertised prior to implementation.
- Temporary traffic lane closures will occur from time-to-time on Deagon Deviation near the intersection with the Hornibrook Highway at Brighton, and on Hornibrook Esplanade at Clontarf. At least one lane in each direction will remain open at all times. Two lanes will be open inbound during morning peak periods and two lanes outbound during afternoon peak periods. Speed limit reductions may apply, and traffic control will be provided as required.
- Traffic will be redirected around road reconstruction works being carried out on the Hornibrook Highway between Deagon Deviation and Twenty-fifth Avenue, Brighton, until February 2009 (weather permitting). Temporary partial traffic lane closures will occur in this area from time to time, and short delays should be expected. Temporary detour paths around the roadworks will be provided for pedestrians and cyclists. Speed limits may be reduced to 40km / hour in the roadworks area. Traffic changes will be signed, and traffic controllers will be in place to direct motorists, pedestrians, and cyclists as required.
- Delivery of oversize bridge girders to the Decker Park construction site will take place approximately twice a week between 2am and 5.30am until mid 2010. Deliveries will block the intersection of the Deagon Deviation and Hornibrook Highway at Brighton for five minute periods. Traffic control will be provided by escorting police.

- Access for swimmers, boats, and personal watercraft is restricted around all Houghton Highway worksites in Bramble Bay. Notices to Mariners advising of major changes to local boating access and speed / navigation conditions have been issued by the Harbourmaster. These are posted on the Maritime Safety Queensland website – [www.msq.qld.gov.au](http://www.msq.qld.gov.au).
- 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 bridge during construction. Signed detours are provided.
- 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

- Construction of spans 8 – 15 of the new Houghton Highway bridge will continue. Installation of barriers on spans 1 – 4 is scheduled to commence in December 2008.
- Pile driving works for the new Houghton Highway bridge fishing platform will continue.
- Installation of piles for the northern abutment of the new Houghton Highway bridge at Clontarf Point will commence in early December 2008 (weather permitting).
- Roadworks will continue around the Brighton end of the Houghton Highway. Construction of the northern approach roads for the new bridge will start at Clontarf Point in late January – early February 2009 (weather permitting).
- Construction of new pedestrian / cycle underpasses will continue at both ends of the Houghton Highway.
- Filling and compacting of material behind the northern seawall will continue at Clontarf Point. Construction of the seawall around the southern abutment of the new bridge at Brighton may commence in December 2008 (weather permitting).
- Construction will be suspended over the Christmas / New Year period. Works will stop on 19 December 2008 and recommence on 5 January 2009 (weather permitting).

### More information

- General enquiries.....Phone 1800 626 976 during business hours (toll free in Australia)  
Email [houghtonhighway@mainroads.qld.gov.au](mailto:houghtonhighway@mainroads.qld.gov.au)
- Project plans/information ..... [www.mainroads.qld.gov.au](http://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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