

## **Attachment A (Amendment) – Accelerated Bruce Highway Upgrade Package**

The Accelerated Bruce Highway Upgrade Package comprises the following works along the Bruce Highway.

### **(a) Corduroy Creek to Tully High School - Flood Improvements**

Realignment and upgrading of a 15km section of the Bruce Highway between Corduroy Creek and Tully High School (but excluding a bypass of Tully) to improve flood immunity and road safety, including the Tully River bridge and Murray Flats sections.

The agreed objective is for the maximum time of closure in a 50 year event to be 48 hours and the average annual time of closure to be no more than 10 hours.

The route to be upgraded generally follows the existing highway south of the Tully River. North of the Tully River the proposed route closely follows the North Coast rail line, which takes it away from the Banyan Creek floodplain and closer to the floodplain boundary.

The highway will be raised as necessary, with the amount and size of drainage structures to be included in the upgrade, to be determined, having regard to the flow patterns and flood modelling outcomes developed in planning the project.

The proposed upgrade will improve the road geometry, rationalise intersection accesses and provide for future 4-laning of this section when it becomes warranted. An alliance contract arrangement is proposed for this work.

Main Roads will continue to work with landowners to identify ways to further minimise land and agricultural impacts, to the extent possible, as the detailed design of the upgrade is developed.

Staging possibilities for the upgrade will be considered so that the traffic benefits of an improved highway can be delivered earlier.

### **(b) Program of flood mitigation measures between Townsville and Cairns comprising the following.**

Planning, design and construction of improvements to flood-prone river crossings and road approaches at the following locations:

- Mulgrave River (stage 1) flood improvements, Gordonvale in Cairns City;
- from Tokalon to Lannercost Street (Pound Creek), with work along this section to include installation of traffic signals at McIlwraith and Lannercost Streets; and
- other minor flood improvements at various locations, including Penna Road.

**(c) Program of safety, amenity and efficiency works between Townsville and Cairns, including the following.**

Planning and construction of an initial programme of safety and efficiency works involving:

seven overtaking lanes as follows:

- four between Innisfail and Cairns –  
southbound from Victory Creek to Jogo Road and northbound from Moody Road to Todd Road in Johnstone Shire; and  
northbound from Musemeci Road to Staggan Road and southbound from Giddens Creek to Babinda in Cairns City.
- three between Townsville and Ingham -  
northbound between Surveyor Creek and Station Creek and between Saunders Beach Road and Althaus Creek; and  
southbound between Toomulla Beach Road and Balgal Beach Road in Thuringowa City.

Intersection improvements at priority locations, including:

- McIlwraith Street and Lannercost Street at Ingham in Hinchinbrook Shire;
- Lily Street and Grace Street at Innisfail in Johnstone Shire;
- at Yarrabah Road, south Cairns to upgrade and signalise intersection; and
- minor intersection upgrades along the Townsville-Cairns link to improve traffic safety.

Pavement strengthening/rehabilitation of priority sections between Townsville and Cairns.

Bridge rehabilitation, to restore the structural integrity of piles, joints, decking and kerbside treatments that have deteriorated on several bridges as a result of alkali-silica reaction and ensure long term performance.

Fatigue management measures, including signage and linemarking improvements.

**(d) Planning, design and construction of a major upgrade from Woodlands to Veales Road, on the northern outskirts of Townsville**

**(e) Additional works as follows:**

Planning study, including detailed flood options investigations, for the Bruce Highway from Rutledge Street Ingham and across the Herbert River floodplain to the Cardwell Range.

Intermediate bridge maintenance works at the Seymour River Bridge involving pile encasement and bearings

Removal of red lead and maintenance at Mulgrave River and Hemmings Creek.

Development of detailed design and other preconstruction activities for proposed realignment of the Cardwell Range.

Planning and construction of an additional six overtaking lanes at the following locations

- Yaruga Road to Easter Creek (northbound overtaking)
- Toobanna to Tokalon Road (southbound overtaking)
- Blady Grass to Damper Creek (northbound overtaking)
- Damper Creek to Clarkson Creek (southbound overtaking)
- Digger Creek to Jones Road (northbound overtaking)
- North of Bells Creek (southbound overtaking)

Pavement strengthening

- Stabilise and overlay from Lilypond Creek to Saltwater Creek between Ingham and Tully; and
- asphalt overlays, corrective surfacing and reseals at fourteen priority locations in the Peninsula district that have been identified

Capacity and efficiency improvements to intersections at Penna Road and from Munro Street to Christian St at Babinda.

Culvert rehabilitation, involving the provision of protective coatings to steel culverts at Whing Creek and the Behana Creek overflow culverts.

Should available funds allow scope for additional works to be undertaken within the package, they may be approved by agreement between the parties and are subject to the conditions specified in the Memorandum of Understanding.



MARK VAILE

Minister for Transport and Regional Services



WARREN PITT

Minister for Main Roads and Local Government

Amended by the parties on the 22<sup>ND</sup>.....day of .....OCTOBER.....2007