

Yellow Waterholes Creek to Dallachy Creek Overtaking Lanes



Location

Kennedy, Queensland

Client

Department of Transport and Main Roads

Commencement Date

December 2014

Completion Date

May 2015

Contract Value

\$4.4 million

Overview

BMD was engaged to construct the Yellow Waterholes to Dallachy Creek Overtaking Lanes on the Bruce Highway between Kennedy and Bilyana. Located 10km north of Cardwell, the site is bordered by the wet tropics and Kirrama Range.

Project Scope

The project involved construction of a new 1.2km overtaking lane west of the existing Bruce Highway, 1km of shoulder widening and in-situ stabilisation of the existing pavement. The design also required construction of six new full width culverts. Key elements of the project included:

- reclamation of 18,000m³ of old road pavements and incorporating them into the new works
- transport and placement of 30,000m³ of quarry products
- placement of 20,000m² of geofabric
- placement of 400m³ of concrete
- placement of 500 tonnes of precast concrete products
- completion of 28,000m² of in-situ foam stabilisation
- completion of 52,000L of C320 bitumen seal.

Outcomes

BMD successfully completed the project on budget and on schedule with 23,000 hours Lost Time Incident (LTI) free.

The project team successfully mitigated wet weather events to optimise works and ensure no environmental incidents. To help minimise the overall environmental impact of the works, 18,000m³ of recycled road pavements were used on the project.

As part of the Local Industry Participation Plan, BMD engaged local subcontractors, suppliers and labour. All collaborations were positive and BMD's high standards were successfully adhered to by all members of the project team.