



ROAD & LANDSLIP REMEDIATION

REF No. E/RLR-1169Q

Client: Queensland Department of Transport & Main Roads
Project: Kennedy Highway (Smithfield—Kuranda) Road Embankment Stabilisation
Contract Value: \$12.5 Million

Following Cyclone Yasi a large number of Landslips and potential Landslips were identified on the Kennedy Highway a major arterial route between Cairns and Kuranda in the Far North Queensland Tablelands. These landslips threatened to close this important route and significant remediation works were required to restore the road embankment stability on both the high and low side of the highway.

A total of 22 sites were identified as part of the NDRRA Funding Program. TMR called for tenders and Earthtec was selected to complete the \$10Million plus stabilisation works.

Kennedy Highway carries significant volumes of traffic with traffic movements up to 1000 vehicles per day including many large vehicles. It was therefore vital that the traffic management plan provided safe access

through the work areas and minimised disruption, particularly in the morning and evening Peak Periods. Earthtec were particularly successful in this regard and received widespread praise from both the community and TMR.

Some sections of the proposed Low Side works presented major challenges for the construction team with deep excavations required directly adjacent to the highway in some of the narrowest sections of the highway. To address this and provide a more suitable construction method Earthtec proposed an alternative design which was accepted by TMR and once implemented allowed this

work to be conducted almost totally off-road meaning that the Highway could be restored to full two way traffic months earlier than with the original designs and whilst the low side construction work was being completed.

“EarthTEC received widespread praise for the management of the complex and conflicting traffic & construction access requirements”

Contact our Sydney head office to meet with an EarthTEC representative in your state to discuss your project:

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