



# BRUCE HIGHWAY (Pine River to Anzac Avenue)

## PROJECT NAME/LOCATION

Bruce Highway (Pine River to Anzac Avenue)

## OWNER/PRINCIPAL

Queensland Department of Transport & Main Roads

## MAIN CONTRACTORS

ALLROADS

## MATERIALS SUPPLIED

Roadbase Material RM001, RM003, RM005

## SPECIFICATIONS

Queensland Main Roads Spec MRTS35

## ESTIMATED TOTAL TONNAGES TO BE SUPPLIED

5,500 tonnes

## TONNES SAVED

1,335 tonnes

## ALEX FRASER CONTACT

**Andrew Hooper**

*State Manager Alex Fraser QLD*

0438 645 505

07 3637 9015

[andrew.hooper@alexfraser.com.au](mailto:andrew.hooper@alexfraser.com.au)

[alexfraser.com.au](http://alexfraser.com.au)

## PROJECT DETAILS

### Overview

The Bruce Highway is one of Australia's major highways and links Brisbane and Cairns. The \$3.5 million Pine River to Anzac Avenue upgrade is being undertaken to improve road user safety at the most southern section of the Bruce Highway, around North Lakes, north of Brisbane. The road is heavily trafficked, carrying 1,500 vehicles per hour. All roadworks had to be done within a six-hour nightly window to minimise traffic disruption.

### Alex Fraser contributions

Alex Fraser supplied 5,500 tonnes of Recycled Concrete Pavement Material (RM001) for the project through civil constructors ALLROADS.

In order to supply major metropolitan infrastructure projects with recycled content, well located, large scale recycling facilities are essential. ALLROADS decision to award the projects to Alex Fraser was based on its ability to supply a night works program, as well as the close proximity of Alex Fraser's Nudgee site to the project, which substantially reduced truck travel distances and road congestion.

The Queensland Department of Transport and Main Roads specification MRTS35 supports the use of high quality recycled products on major projects. Alex Fraser materials have previously been used to build numerous other projects around Brisbane including the CLEM7 Tunnel, Mains and Kessels Road Upgrade, Port of Brisbane, Brisbane Airport – Avis Depot and the Moreton Bay Rail Link.

### Environmental and cost savings

Choosing Alex Fraser recycled materials will result in approximately 47 tonnes of carbon savings, 1,335 tonnes less material compared to non-recycled materials and 45 less truck movements.