



Optimisation of Northern Territory Traffic Signals

Project name

Optimisation of Northern Territory Traffic Signals

Client name

Department of Planning and Infrastructure

Date

August 2006 – August 2009

Benefit

Modify traffic signal operations to optimise network performance.

Fee/Value

\$50,000 per annum

Description

GHD were commissioned by the Department of Planning and Infrastructure, NT (DPI) to assist with the identification and resolution of immediate signal operation priorities and recommended route-operating strategies for the Department.

This three-year contract involved on-site assistance and review of signal operation as well as on-going off-site assistance and support.

The Northern Territory is unique in Australia, if not the world, in that its traffic signal network is widely dispersed, where the signal network connected to SCATS is as follows;

- Darwin Urban Area: 44 signalised intersections;
- Palmerston/Rural Area: 13 signalised intersections; and
- Alice Springs area: 11 signalised intersections

The aim of the project was to assist with the DPI's training and support services to improve the signal operations in the future.

The annual visits involved reviewing the signal operation for each of the above areas. This work included optimising the operation of strategic routes.

Significant site inspections, reprogramming and monitoring were required to improve network optimisation.

For more information, please contact:

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