



## Project Facts

### Pavement Stabilisation

#### Problem:

End of life road section with several repair options available. The roads original construction was local bush gravels with a pavement depth of an approximate 150mm. Sub-grade material consisted of brownish red high PI material with a well drained local area. No sub-grade failures were obvious along this section of road. With only 150mm of pavement thickness conventional stabilisation was not considered.

#### Solution:

SEALS Group was engaged as a sub-contractor to supply PolyCom stabilising aid and offer technical assistance for the stabilisation of the pavement

#### Project Aims:

1. Stabilise in-situ pavement to increase strength and eliminate a costly rebuild to up-grade this area.
2. Introduce a degree of water resistance and flexibility to this thin pavement layer.
3. Extend pavement life as economically as possible.

#### Client:

Main Roads Qld

#### Main Contractor:

Wondai Shire Council

#### Specialist Sub-contractors:

SEALS Group

#### Project description:

In-situ pavement stabilisation

Wondai-Proston Road

#### Location:

Wondai, Qld

#### Date:

March 2007

#### Product:

PolyCom Stabilising Aid

For detailed project information  
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Jan 2010

Mar 2007

Project aims have been achieved. In particular pavement strength has been increased substantially (x4) delivering a valuable increase in pavement life.