



Project Facts

Sub-grade stabilisation

Problem:

Boundary Road East reconstruction required removal and replacement of in-situ sub-grade material or stabilisation. The over wet ground had been worked by council for several days in an attempt to dry the area to a workable state. Continued wet weather was hampering and prolonging this work.

Solution:

SEALS Group was engaged by shire management to stabilise the in-situ sub-grade with PolyCom stabilising aid to enable a more useful and workable base for the road reconstruction. PolyCom was chosen because of councils past experiences with the product - typically delivering increased workability and improvements to CBR and compaction rates in low strength and variable ground. Increasing the strength and water resistance of sub-grades ensures a longer lasting pavement - a major project benefit. The area was stabilised in the morning with proof rolling being completed the same afternoon. Gravel was placed the next day.

Project Aims Achieved:

1. Change the quality of the sub-grade to allow workability and compaction
2. Increase sub-grade strength and water resistance
3. Speed up the works delayed by rain and below par soil

Client:

Toowoomba RC

Main Contractor:

Toowoomba RC - Jondaryan

Specialist Sub-contractors:

SEALS Group

Project description:

Sub-grade Stabilisation
Road re-build

Location:

Boundary St
Toowoomba, Qld

Date:

August 2011

Product:

PolyCom Stabilising Aid

For detailed project information
contact:

SEALS Group
143-157 Harrison Road
Cedar Vale
Qld, 4285
Australia

Ph. 61 7 5543 1053
Ops manager - 0414 185 493
info@seals-group.com

