



SEALMAC DELAREYVILLE RESURFACING

CASE STUDY

PROJECT: Resurfacing of Main Road, Delareyville
CLIENT: North West Roads Dept
CONSULTANT: Danie Wahl
CONTRACTOR: Pieter Weideman International

DATE: Oct 1998
QUANTITY: 3 000 m²

EXISTING: The existing road surface had aged and deteriorated to such an extent that weekly maintenance including pothole repairs had to be carried out.

DESIGN: **Sealmac** was proposed as a temporary solution to provide a 6 months maintenance free period, whereafter the necessary funds for full width rehabilitation would become available. This was cost justified as the initial cost of the **Sealmac** and a 13mm stone single seal was calculated to be less than the ongoing maintenance over a 6 month period.

INSTALLATION: A tack coat of Rubspray @ 1.2 l/m² was applied (a high demand due to the poor quality of the existing surface). This was followed by **Sealmac** and a wearing coarse of Rubspray and uncoated 13.2mm stone.

PERFORMANCE: February 1998, due to the excellent performance under **Sealmac** a decision was made to resurface the full width with a 6.7mm single seal, rather than the original proposed full rehabilitation.



1. Existing surface
2. Installation of **Sealmac**
3. After 6 months, 13.2mm single seal still in excellent condition
4. 10 months later, addition of a 6.4mm single seal