



**GLASGRID  
SIPRES ROAD**

**CASE STUDY**

**PROJECT:** Sipres Road Rehabilitation, Thornton, Cape Town  
**CLIENT:** City of Cape Town  
**CONSULTANT:** City of Cape Town  
**CONTRACTOR:** Blitz Asphalt

**DATE:**  
**QUANTITY:**  
**PRODUCT:**

Apart from being a residential street, Sipres road is also used as a shortcut for trucks travelling to and from the nearby industrial area.

This started to cause some distress of the pavement. It was also found that the road was constructed on clay. It was decided to rehabilitate the road by doing cold in-situ recycling of the base course. In the same operation the horizontal alignment was also improved. This resulted in the base course to be thinner than normal in certain places.



It was decided to install Glasgrid 8550 over the full width of the road as an extra precaution to assist in load bearing and also reduce reflective cracking. Due to the coarseness of the surface of the C.I.R. base, a 15mm asphalt layer was first placed before laying the Glasgrid. It was then followed by another 30mm thick layer of asphalt.



Surface in Jan 2003