

CASE STUDY

Road Maintenance | Reinforcement | Klipfontein, Cape Town

Mar 2013

Client City of Cape Town

Contractor Peter Makwena Surfacing

Consultant Arcus Gibb

Product **Glasgrid®** | 20 000m²

Rep Norrin Stone

Problem

Klipfontein Road was earmarked as part of Cape Town's annual road network rehabilitation program.

Solution

Using the mill and fill technique, contractors sandwiched Glasgrid between the leveling and surface courses of asphalt.

The bus lane in Klipfontein Road was reinforced with **GlasGrid 8501** (tensile strength: 100kN/m x 100kN/m) while the outside lanes were reinforced with **GlasGrid 8550** (tensile strength: 50kN/m x 50kN/m).

Benefits

The simple, quick installation ensured as little disruption with maximum effectiveness of the rehabilitation possible.



GlasGrid was laid between the levelling and surface layers of asphalt.



2 grades of GlasGrid were laid for the bus and outer lanes.