



South Africa

1998 – Zeiss Road, Honeydew, Johannesburg, South Africa



October 2010, The Ministry of Roads, Swaziland, awarded a tender for the stabilization of 10 Km of the D9 road. Due to budget constraints, only seven Kms of the stabilized road was sealed with a wearing course.

The application was simple and cost effective;

- Distance 10 Km
- Width - First 7Km (to farm gate) = 7m wide
- Stabilization - to a depth of 150mm
- Aggregate - insitu material on the road was tested and found to be suitable for most of the road.
- Plasticity Index varied between 6-12%. Mostly in the region of 9%.
- Californian Bearing Ratio Readings

1998 – before stabilization 38

1998 – after stabilization 98

2008 – after 10 years 101

- **2020** – SoilTech Mk. III is a third generation stabilizer and is 300% stronger than the Mk.I product used in the Honeydew project.



- SoilTech Mk. III binder - Internationally Agrément Certified

- Roads - 10 Year Warranty with maintenance contract

• SMART MATERIALS

- Internationally certified - WFTAO
- Uses insitu materials
- Stronger roads
- Quicker construction
- Cost effective
- Longevity
- Job creation

• SMART MATERIALS USES

- Road Stabilization
- Side walks
- Parking lots
- Natural Seals
- Cycling paths
- Dam Lining



2008 – after 10 years



2012 – after 14 years
Only edge break maintenance



2015 – after 17 years the wearing course is brittle and showing severe signs of wear. However, the stabilized base layer is still intact with no rutting or deformation