

## CASE STUDY

Roads | Surface Rehabilitation | N1 Winburg

Oct 2014

Client SANRAL

Contractor Kew Maintenance

Product **Sealmac**<sup>®</sup> | 2500m<sup>2</sup>

Consultant THM Engineers

Rep Werner du Plessis

### Problem

When a severely cracked section was delineated on the N1 at the R708 intersection, a solution was needed to prevent further deterioration of the road surface prior to resealing.

### Solution

After applying a tack coat of Rubspray 70/5 (a high viscosity cationic spray grade bitumen emulsion with 70% binder content and 5% net SBR latex) onto the cleaned cracked area identified for treatment, **Sealmac**<sup>®</sup> was laid onto the wet emulsion. This was followed by a saturation coat of Rubspray 70/5 which conforms to the SC-E2 specification for modified emulsion for surface seals.

### Benefits

Because the national route is under constant monitoring for maintenance, **Sealmac**<sup>®</sup> provided an effective, low cost, low maintenance solution for crack sealing.



*The road surface had been cracking and required repair*



*Sealmac was applied over a tack coat*