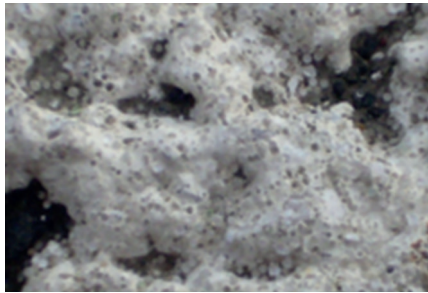


SAFETY MARKING AT FEDERAL ROAD GERMANY



Before: poor marking – accident hot spot



After: safety marking based on DEGAROUTE®



PROJECT OBJECTIVE

The federal road B521 between Höchst a.d. Nidder and Nidderau-Eichen was once an accident hot

spot: In 2002 alone, 19 accidents occurred involving a car leaving the road at the narrow curve poorly marked with paint. The responsible

authority, Hessen Mobil, improved the safety on this road by applying a structured marking based on DEGAROUTE® cold plastic.

SITE		APPLICATION	
COUNTRY	Germany	SYSTEM	Irregular structure (agglomerate)
LOCATION	Hessen	SURFACE	Existing asphalt
ROAD	B521	TYPE	98:2
APPLICATION DATE	October 2010	PREPARATION	Primer DEGADUR® B71
		EQUIPMENT	Plastomarker Junior (hand-guided)
		MARKING	12 cm (4.7 inch) edge line

PERFORMANCE

- Improved safety: three years since application, the road is no accident hot spot any more
- The structured edge line is not only highly visible (even under wet night conditions), it also prevents drivers from leaving the road by a warning rumble and sound
- Improved safety was achieved at relatively low cost, i.e. without construction work
- Besides the structured markings, the speed limit was reduced from 70 km/h to 50 km/h (43 mph to 31 mph) and vertical signs were exchanged to ones with higher reflectivity