



CASE STUDY High Friction Surfacing Overlay

Ewingsdale Interchange , Pacific Hwy New South Wales, Australia



Opened to traffic in September 2000 as part of the RTA Pacific Highway upgrade the Ewingsdale interchange separates local from Highway traffic and significantly improves road safety on the Pacific Highway.

Since 2000, with population growth resulting in an increase of traffic volumes of up to 4000 vehicles per day negotiating the interchange ramps the existing asphalt surface, although in sound and serviceable condition, had become polished resulting in skid resistance levels that warranted investigation and improvement. Subsequently during periods of wet weather increasing numbers of motorists were losing control of their vehicles resulting in multiple run off road MVA's.

After extensive consultation with the RTA the decision was made in June 2008 to install a calcined bauxite high friction surfacing system. Installed by the accredited contractor, STS Applied Systems, and with a proven design life of 10 years or better, the OMNIGRIP HF system has been placed on both the north and south bound entry ramps providing for improved texture depth and high skid resistance ensuring safe friction levels for all vehicles in all weather conditions.



Photo's supplied courtesy of STS Applied Systems (QLD) Pty Ltd

