

Case Study

A45 Gt Billing Northamptonshire



A section of the A45 dual carriageway at Gt Billing in Northamptonshire is a 280mm concrete pavement with slab lengths of 5m. The pavement was displaying thermally induced reflective cracking over the joints. The maintenance solution employed by Carillion/URS was to mill off the top bituminous layers of the pavement and then lay a 70mm thick polymer modified asphalt incorporating a coated glass fibre asphalt reinforcement grid combined with a polymer modified bondcoat. Control sections were built within the maintenance project in order to monitor the performance of the asphalt reinforcement system.

Application

Correct installation to manufacturers specifications by competent installation contractors using specialist plant is critical for the long term performance of asphalt reinforcement systems.

