

## 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.

