TBX BIAXIAL GEOGRID

terrafix®

Audley Road Reinforcement

Project:
Audley Road Reinforcement using TBX3000 Biaxial Geogrid

Contractor:
Elirpa Construction

Challenge:
Unexpectedly soft subgrade conditions forced the contractor to consider additional reinforcement for numerous sections along Audley Rd. Additional excavation of the soft subgrade sections was considered standard practice, however this would delay the overall project (by pulling excavators and dozers back down the road to the soft sites), and add significant cost due to removal of native material and procurement and delivery of additional aggregate.

Solution:
The use of TBX3000 allowed the contractor to add 300mm of equivalent aggregate depth to reinforce the roadway without additional excavation cost or aggregate volume. This maintained the contractor's construction schedule and met the compacted basecourse requirements of the contract.