

## Stabilisation of Embankments at Danzey Green, Blunts Green, Warwickshire & O'Neils Emporium, Leicestershire

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<b>Period</b>	2001/2002.
<b>Value</b>	£250k
<b>Client</b>	Birse Rail (Midland Structures Framework).
<b>Designer</b>	Hyder Consulting

Rail embankment stabilisation work which included;

- Establishment of accesses and working areas across farmland to embankment locations
- Site clearance and removal of trees and vegetation to embankments
- Grouting of rabbit burrows and badger setts following creation of artificial badger habitats
- Trimming embankment sides slopes, removal of ground disturbed by badgers and removal of tree stumps and roots.
- Placing imported clean stone fill to embankment areas excavated and trimmed to re-form stable side slopes
- Soil nailing and nailed gabions to embankment sides and shoulders using 9m long grouted Ischebeck soil nails, drilled using Compair Holman ECM 351 Drifter drilling rigs
- Placing geogrid reinforcement to embankments side slopes to act both as soil reinforcement and rodent exclusion
- New toe drainage and fencing to treated embankment areas
- Daily & weekly track monitoring carried out during the stabilisation work

