

**EROSION CONTROL AGAINST MAMMAL BURROWING
BRANSFORD, WORCESTERSHIRE, UNITED KINGDOM**

Slope Protection

Problem

Network Rail were undertaking planned maintenance of the rail embankment on the westbound Worcester to Hereford line running to the west of Bransford Court Lane in Bransford, Worcestershire. The work involved devegetating the embankment and then install measures to prevent rabbits, badgers and other larger burrowing animals from accessing the embankment soil and burrowing into the core of the embankment thereby undermining its structural integrity. Storm water run-off can enter the core of the embankments through these animal burrows, weakening it.

A robust, yet ecologically friendly anti-burrowing system was required to prevent this problem from occurring, whilst also allowing vegetation to be incorporated and retained within the embankment slopes.

Solution

Maccaferri were approached by contractors Crown Services Ltd and asked to advise on a suitable steel wire mesh system that could provide the required surface protection from burrowing animals. This would then be installed as part of the maintenance works once the devegetating of the embankment slope had been completed. Maccaferri proposed the use of Anti Burrowing DT Mesh for this application.

Maccaferri Anti Burrowing DT Mesh has been proven to be a strong deterrent to burrowing animals. Unlike any plastic 'geogrid' style or thin wire "rabbit" netting, Maccaferri Anti Burrowing DT Mesh can prevent not only rabbits, but also larger animals such as badgers and beavers from burrowing into the embankment. Our RenoMesh Anti-Burrowing Mesh is the result of research and provides environmentally friendly active protection against large rodents. Its mesh apertures were selected also to limit juvenile burrowing mammals.

Maccaferri supplied 3,200m2 of Anti Burrowing DT Mesh to Crown Services Ltd, who installed the mesh in July 2022. The nature of the double twist mesh means that it can be locally cut to allow openings for mature trees or shrubs and then be laced together again without any tangible loss in performance.

Client: NETWORK RAIL

Designer / Consultant: Maccaferri

Contractor: Crown Services Ltd

Products used (Qty.)

- Renomesh 3200m2

Date of construction: 07/2022 - 10/2022

[Google Maps](#)

[Google Earth](#)



Mesh can be locally cut and released to surround obstacles



Anti Burrowing DT Mesh installed on the embankment