

Restoring river banks using green engineering

Project Summary

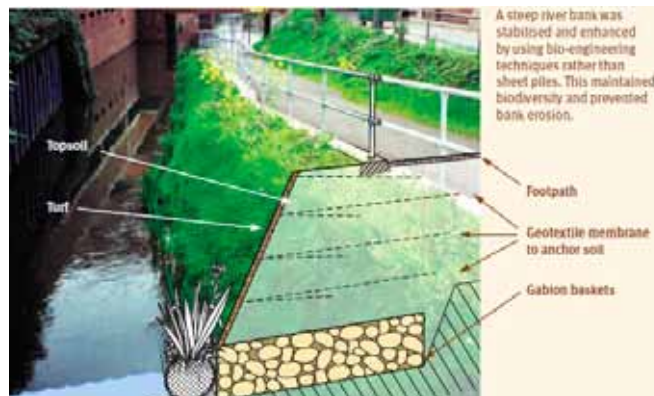
Title: Maidenhead Ditch river bank restoration
Location: Green Lane footpath, Maidenhead Ditch, Maidenhead, Berkshire, England
Technique: Installation of coir rolls
Cost of technique: £
Overall cost: ££
Benefits: ££
Dates: circa 2004

Mitigation Measure(s)

Use green engineering techniques instead of hard bank protection

How it was delivered

Delivered by: Maidenhead Council (land owner)
 Partners: Maidenhead Council, MMG Engineering (contractor) and Environment Agency



Cross-section showing techniques used to restore bank profile and protect from erosion at Maidenhead ditch.

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Background / Issues & Step-by-step

The local council wanted to extend a footpath alongside the Maidenhead Ditch. As part of their application for Flood Defence Consent a green engineering solution was agreed to be a better alternative to sheet piling or gabion baskets. The contractor (MMG) developed an engineering solution which withstands the high flows in the watercourse whilst providing amenity and biodiversity value.

Benefits & Lessons Learnt

- Greater wildlife benefit.
- Natural river bank restored.
- Re-graded banks designed to withstand erosion and under-cutting.
- A higher quality environment created along the footpath for people.
- A good example of how green engineering can achieve the objectives set out in RBMPs whilst providing flood and erosion protection.