



Unpaved Road  
Nº 439

## Blockley STW Temporary Haul Road

📍 Gloucestershire, UK

### Benefits

**32% reduction**  
in construction cost

**1.2 days reduction**  
in construction time

**47% (9,90kg CO2e) reduction**  
in environmental cost

### Protection with enhanced mechanical stabilisation

A temporary haul road was to be constructed across arable farmland with low strength subgrade. At the end of the contract, all construction material has to be removed and the land handed back to the farmer.

#### CLIENT'S CHALLENGE

The arable farmland where the road would be built for the works to be carried out at Blockley STW, consisted of a low strength subgrade. The client's requirement was for the thinnest solution possible, to reduce the amount of imported fill and vehicle movements through rural villages.

#### TENSAR SOLUTION

The optimum solution was to design and construct a Tensar Mechanically Stabilised Layer (MSL) incorporating Tensar InterAx geogrid and SHW Series 600 6F2 recycled aggregate. The MSL was optimised to achieve the performance criteria set by the client in terms of construction and in-service traffic.