



M6 Motorway Toll

West Midlands

Client

Midland Expressway Ltd

Contractor

CAMBBA

Consultant

Arup Atkins JV

Works Completed

2004



The M6 Toll road project involved building a completely new 27 mile, three lane motorway to the north east of Birmingham between junctions 4 and 11 of the M6. It was first tolled motorway built and operated by the private sector in the UK, and aimed to be a reliable alternative to the heavily congested M6, and also act as a regional distributor route to various developments in the area.

Reinforced Earth Company (RECo) undertook the design and supply of 39 permanent bridge abutments and several retaining walls along the route.

The use of Reinforced Earth™ for abutments supporting full bridge loads has become widespread over other techniques as it reduces the need for piles or foundation improvements, therefore lowering costs and saving on programme time.

CAMBBA (Carillion, Alfred MacAlpine, Balfour Beatty and Amec), selected Reinforced Earth™ for its speed of construction and RECo for its ability supply of materials for such a large scheme.

In total, RECo supplied 23,000 m² of precast concrete facing panels and over half a million metres of galvanized steel reinforcing strips for the project. Because of the scale and speed at which design approval and construction was required, the Reinforced Earth Company drew upon their international resources to meet the requirements of the tight programme.