



## Coleshill Parkway Warwickshire

**Client**

Warwickshire County Council

**Contractor**

Carillion

**Consultant**

Warwickshire County Council

**Works Completed**

2007



The Coleshill Parkway Transport Interchange comprises a new railway station and car park at Hams Hall and an adjoining new bridge at Station Road, Coleshill for pedestrians, cyclists and buses crossing the Birmingham-Nuneaton rail line.

Reinforced Earth Company (RECo) was asked to undertake the specialist design of the Reinforced Earth approach ramps for Warwickshire County Council.

The walls were constructed using selected granular fill with galvanized steel soil reinforcement. The walls were faced with precast concrete facing panels featuring a bush hammered finish.

The curved alignment of the ramps meant that the precast wall panels had to be designed to accommodate radii of less than 12m.

On top of the walls, vehicle containment was provided by parapets supported on precast copings designed and supplied by RECo, which in turn are connected to in-situ concrete anchor slabs beneath the road surface.

The performance of this parapet support arrangement has been verified under full scale dynamic impact tests and is included in our HAPAS certificate.

In addition to designing and supplying materials for the project, RECo provided on-site construction training to enable the Main Contractor to construct the walls using their own team.