



Project Title:	Whitleys Bridge
Client:	Highways England
Date of Work:	2011

Project description

Extensive strengthening, brickwork and re-pointing repairs were carried out to a disused railway bridge, called Whitleys Bridge.

A scaffold platform was erected to gain safe high level access to the entire structure.

Traffic Management was implemented on the carriageway over the bridge to control vehicular movement and protect the workforce.

The works involved drilling and installing 11 tie-bars directly through the bridge to eliminate future movement and separation of the spandrel and parapet wall.

The circumferential crack running through the arch soffit was re-pointed prior to grouting the tie-bars into position.

The parapets were rebuilt in 5 locations and expansions joints installed to prevent future cracking from settlement.

Project Constraints

Traffic Management.

Work at high level.

Poor condition of structure.

Sourcing bricks of matching size/colour.

Public Interface.

3rd party negotiations (landowners).

Expertise required to drill and install the tie bars and patress plates.