



Project Title:	Greenwall Lane Bridge Demolition
Client:	Highways England
Date of Work:	May 2014

Project description

Greenwall Lane Bridge was a single span underbridge that carried the now dismantled Exeter to Christow Line. The structure comprised a 5 ring segmental brick arch barrel with the spandrels, abutments and wing-walls constructed from masonry. The structure was in poor condition with significant defects to the arch and minor defects to the abutments and wing-walls. Metal handrailing along the deck was untested and did not offer safe containment from falling. Prior to commencement of the work, planning consent was sought, ecological mitigation was carried out and landowners were provided with alternative access. The structure was demolished by a demolition contractor approved by the 'Federation of Demolition Contractors'. The embankments were sloped back and new timber post and rail fencing erected on top of the remaining abutments to prevent falls from height.

Project Constraints

- Ecology.
- Planning.
- Public Interface.
- Traffic Management.
- Poor condition of structure.
- 3rd party negotiations (landowners).
- Demolition.