



# CASE STUDY COCKTON HILL OVERBRIDGE

5553D

Thompsons of Prudhoe were appointed as specialist demolition subcontractor by Balfour Beatty Civil Engineering Ltd (BBCEL) to carry out the removal of the Cockton Hill rail overbridge to allow BBCEL to install a new bridge. The structure was a single span of steel construction with a concrete deck and spanned the live rail line below and was adjacent to Newgate Street Cockton Hill Road.

The bridge was demolished during a road and rail closure and within a possession period. Thompsons commenced works by reducing the bridge abutments and the concrete of the bridge deck using a 360° excavator machine. Following completion of preparation the steel framed bridge structure was cut using oxy-propane torches into a series of sections, with each section removed to a designated laydown area via mobile crane.

The removed sections were further processed and loaded onto tipper trucks for off-site recycling.

**Project:**  
**Cockton Street  
Overbridge  
Bishop Auckland**

**Client:**  
**Balfour Beatty**

**Contract Administrator:**  
**Balfour Beatty**

**Project Value:**  
**£23,250**

**Duration & Year**  
**24 Hours - 2010**

**Key Aspects:**  
**Craneage  
Railway Possession  
Work at Height  
Lead Paint  
Oxy-Propane Cutting**

**THOMPSONS**  
OF PRUDHOE

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DEMOLITION SPECIALIST OF THE YEAR 2014 WINNER

