

**Project Name:** High Eggbrough and Snaith Lane Railway Bridge Refurbishment

**Client:** North Yorkshire County Council

**Value:** £181,000

**Date:** Feb 2016 to April 2016

As part of our Civil Engineering Framework contract with North Yorkshire County Council Hinko were awarded this 6-week dual bridge remediation project.

The two bridges, A645 Snaith Lane and High Eggbrough Lane are both post tensioned structures and span the railway line below.

Both bridges required major matanance, including, concrete repairs new parapets, kerb re-alignment and footpath construction, VRS install, bridge deck waterproofing and surfacing.



Eggbrough Lane Prior to commencement on site



Both bridges are within 200m of each other thus would be would be refurbished at the same time cutting down on disruption in the area.

While High Eggbrough Lane bridge could be closed for the duration of the project Snaith Lane (Arterial Trunk route) had to remain open and controlled using two-way lights. Allowing for the bridge to be refurbished in two halves.

Both structures required the same working doing to them thus the work was repetitive, so by using different teams working in specific areas the Hinko Management team were able to achieve the same quality standards on both structure.

Careful liaison and dialogue with Network Rail ensured that the works being undertaken did not impact on the railway below, the implementation of safe systems of work and supervision allowed the works to be executed safely.



Once the build works were complete the bridge decks were water proofed and re-surfaced, asphalt and buried joint systems were employed on both structures.

The works were completed on time and on budget and more importantly safely without incident.

There was a substantial visual impact to the completed works when compared to the bridge structures prior to commencement.