

Project Name: Selby Swing Bridge Refurbishment

Client: North Yorkshire County Council

Value: £250,000

Date: Feb 2019

This project was awarded to Hinko Construction Ltd in by North Yorkshire County Council as part of our Civil Engineering Framework in January 2019.

The swing bridge in Selby is only one of very few within the region. This bridge is heavily used for both vehicles and pedestrians and manned 24/7 due to the regular boat movements that pass on the river Ouse.

The project involved included replacing all the surface level deck timbers, waterproof and remedial work to the timber below deck. In addition to this essential maintenance was undertaken to the mechanical elements of the bridge



The planned works were due to be carried out during a 3-week vehicular closure of the bridge, with pedestrian access maintained at all time.

This was a difficult challenge due to the deck removal works, thus Hinko phased the works allowing safe access for pedestrians over the structure at all times.

To do this the Hinko site team ensured created a designated access route over the structure that corralled pedestrians within a 2m high heras fence walkway which was re-aligned to suite where the Hinko site teams were working thus allowing the works to be undertaken in a manner that ensured public safety at all times.

All the mechanical works were carried out using an under-bridge access platform which was removed from site at the end of shift. This mitigated the risk of underslung scaffold impeding the operation of the bridge should a ship need to pass. It also removed the potential risk of unauthorised access onto scaffold.





All subcontractors were managed effectively in line with Hinko's working collaboratively ethos which ensured that the demanding programme of works was achieved in line with safety and quality standards despite poor weather conditions hampering progress.

The bridge re-opened on schedule, bringing benefit to the local community, particularly as the diversion route was a 7 miles roundtrip.

Some of the key challenges of the project was the unknown damage of the decking. This wasn't planned as part of the works but was essential it was repaired at the time before the surface boards were installed. The adverse weather conditions when installing the new deck boards delayed elements of the project despite this the works were undertaken without incident, to the highest of quality standards and were completed on time.