Case Study | Granby Terrace Bridge

HS2

"The rerouting of these utilities will be the first step towards construction of the new line out of Euston. Clancy's technical expertise and track record working in the complex environment of central London will be invaluable to ensuring that this project is delivered against a precise programme with minimal disruption ."

Costain Skanska

Background

Phase one of HS2 between will see a new high speed railway line constructed between London Euston and the newly redeveloped Birmingham Curzon Street Station, opening between 2029 and 2033. The new line will require 140 miles of track, four new stations, and two new depots, with 34,000 workers needed to complete construction.

One of the first tasks was the widen the tracks at Euston station to accommodate HS2, which required re-routing the existing utilities.

Solution

Clancy was instrumental in the first package of works for HS2. The contract saw Clancy divert gas, electric, telecoms and water mains at Granby Terrace, north of the London terminus where an existing road bridge was due for demolition to accommodate the new rail line. The clearance of utilities facilitated the excavations needed, and was a complex project requiring coordination with multiple organisations involved with the Costain/ Skanska joint venture framework.

Benefit

HS2 will deliver much-needed extra capacity and better journeys for the millions of people who use Euston Station.

Clancy's utilities works are vital to allowing the main works to proceed unimpacted, and our expertise of complex schemes in congested areas combined with our investment in innovation and new plant technology has delivered strong levels of productivity on site. Clancy used suction excavators at Granby Terrace to reduce waste and achieve greater precision in excavation which minimised the risk of utility strikes and dramatically improved site safety.

COMPLEX UTILITIES DIVERSIONS TO **ENABLE** TRACK WIDENING

CONGESTED **INNER-CITY** LOCATION

Contact us: 01895 823 711 enquiries@theclancygroup.co.uk

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