

REFURBISHMENT & REPAIRS TO ROAD BRIDGE A554 NORTH WALLASEY APPROACH OVER A551

Client:

Wirral MBC

Summary:

Refurbishment & repairs of a bridge that carries the A554 North Wallasey approach road over the A551 Leasowe Road in Wallasey.



PROJECT DETAILS

This contract was awarded under the NEC/ECC Option C contract and required the appointed contractor to work with the Client and his design consultant to value engineer and develop the project design, programme works and to establish a tender target cost through a pre-start ECI process.

This project involved the jacking & supporting the central span pre-tensioned beams to remove the loading on the bearings. The existing bearing seats and part of the abutment joints were hydro demolished and recast using micro concrete. Whilst the beams were jacked, substantial areas of bridge soffit were hydro demolished, refurbished and repaired using spray applied concrete. The project also required the removal and replacement of carriageway surfacing to the A551, the A554, as well as removal of the existing waterproofing system to the top of the concrete deck and replacement with a sprayed MMA resin material.

