

A182/183 Link Road

Client:
City of
Sunderland

Value:
£1,900,000



Brief

To construct a new, single-carriageway by-pass between the A182 and A183 in Shiney Row, Tyne and Wear, to provide vehicular access to a new housing development and to undertake the upgrading of the existing highway.

within the drainage scheme to minimise the environmental impact on the existing water course.

Action

A new roundabout was constructed on the existing highway under live traffic conditions, along with the diversion of existing high-voltage cables and telecommunications equipment. Five hundred metres of new, single-carriageway road was built, as well as related drainage and service installation. Two 2,400mm diameter underground storm water balancing storage tanks were incorporated.

A bridge and abutments were demolished and replaced with a new equestrian bridge. This consisted of 'in situ' reinforced concrete abutments, a structural steel beam, bow string arch and a concrete deck founded on contractor-designed reinforced earth embankments.



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