

Leeds Inner Ring Road (Phase 8)



This phase of works followed on the back of previous successful phases of works carried out with Leeds City Council.

The works included; removal of the existing steel and concrete parapets to the Ivy Street flyover section of the A64, reinstating with new, to the improved standard of traffic containment barriers.

A fully sheeted independent scaffold and protection was erected on either side of the dual carriageway to a total length of approximately 700 linear metres. The scaffold was layered with corrugated steel panels to provide protection to both site staff and the public from the robotic and lance hydrodemolition and concrete removal, carried out to the parapet.

Concrete saw cutting supplemented the hydrodemolition removal. Once the concrete had been removed, the parapet was reinstated using a "hit & miss" sequence of pouring back alternate concrete sections between movement joints.

Sections of the waterproofing and the plug joint were replaced over the top of the bridge area.

Finally, new steel parapet railings were fixed in position on the top of the concrete and painted in situ with a finished top coat.

Client: Leeds City Council

Engineer: Leeds City Council

Value: In excess of £1m

Duration: 32 weeks

Completion: October 2010

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