



MONTGARRIE BRIDGE RECONSTRUCTION

Montgarrie Bridge is situated on the C-classified road spanning the River Don connecting the community of Montgarrie to the town of Alford in Aberdeenshire. This project comprised the reconstruction of the bridge which had been closed to vehicular traffic for some time.

The main elements of the works included the demolition of the existing two span, steel lattice, composite superstructure, strengthening of the existing abutments and the construction of a new superstructure complete with new lattice parapets to replicate the look of the original bridge.

Temporary works included the design and erection of a temporary bridge for service diversions and pedestrian access, and the installation of a substantial 'crash deck' to allow the safe demolition

of the existing and to support the new 300m³ in-situ deck during construction. The existing bridge abutments were underpinned using mini-bored, cast-in-situ piles.

Bridge deck waterproofing, approach road realignment, alteration to street lighting and final surfacing completed the project, with the aesthetically pleasing 75m of new lattice parapets providing the finishing touches.

The successful completion of the project relied upon the close liaison and cooperation with the local community, with SEPA and Aberdeenshire Council, all of which were reflected in letters of commendation and favourable press comment and reflects the cooperative manner in which everyone approached the project.



CLIENT

Aberdeenshire Council

ENGINEER

Aberdeenshire Council

CONTRACT VALUE

£700k

DURATION OF WORKS

March 2008 – October 2008