



INVERNESS FLOOD RELIEF PHASE 1 & 2

These works comprised the first two phases of the overall South West Inverness Flood Relief Channel project involving the upstream interception of storm water flows from five watercourses with the construction of 2km of open and culverted channels which ultimately discharge into the River Ness via the Holm Burn.

The main elements of the **Phase 1**, downstream works were on the Holm Burn and included:

- Construction of a fish pass and settlement pools
- Widening of the Burn watercourse, with the formation of banded 'wet ledges', and the installation of Pozidrain and erosion mat burn liner
- Construction of a new vehicle access bridge and the relocation of a further bridge to enable fishermen access
- Extensive rock armouring where Holm Burn discharges into the River Ness.



Phase 2 comprised the construction of a new flood relief channel which included:

- 1km of 8m wide, fully lined open-cut channel
- 400m of 4m x 2m precast concrete box culverts, installed up to 6m deep
- Sediment basin and outfall arrangement into the Holm Burn.

Significant efforts were made to minimise any environmental impact of the works with extensive consultation and discussions with local stakeholder interest groups including SEPA, landowners, fishing associations etc.

A specialist environmental adviser was also appointed to ensure that no damage or adverse impact arose from the construction works in respect of nesting birds, otters, badgers and the general trees, flora and fauna in the area.

CLIENT:	The Highland Council
ENGINEER / DESIGNER:	AECOM
CONDITIONS OF CONTRACT:	NEC3 Option A
DURATION OF WORKS:	May 2010 – February 2011
CONTRACT VALUE:	£3,110,000