

Broxburn Flood Prevention Scheme

Client:	West Lothian Council
Form of Contract:	NEC3 - Short
NRS Role:	Principal Contractor



Main Description

This project comprised of the construction of in-situ reinforced concrete flood defence walls, earth flood defence embankments and associated erosion protection works to the riverbanks of the Brox Burn, adjacent to West Burnside in Broxburn, West Lothian, Scotland.

The works carried out under this contract comprised of:

- diversion of existing electrical, telecoms and water services.
- construction of approximately 250 metres of in situ reinforced concrete flood defence wall.
- construction of approximately 75 metres of clay flood defence embankment with crest footpath and erosion protection to side slopes.
- reinstatement and erosion protection of the affected riverbank.
- dredging selected lengths of the watercourse (including works under an existing bridge).
- reinstatement of the carriageway and drainage along West Burnside on completion of the flood defence works.

Works took place in Broxburn with significant traffic and pedestrian management measures in place. Works took place in an existing environmentally sensitive river bed requiring considerable mitigation measures and liaison with the Scottish Environment Protection Agency (SEPA). Measures were also in place to mitigate against flood risk.

