



Bridge Refurbishment & Strengthening

Bielmill Bridge, Dunbar

Client
East Lothian Council
Principal Contractor
Freyssinet Makers
Contract Value
£200K
Duration
22 Weeks
Works Commenced
March 2008
Works Completed
September 2008

Built circa 1900, Bielmill bridge comprises of a supported concrete deck constructed from concrete beams spanning 11m over an existing minor road.



In March 2008, Freyssinet Makers were engaged as Principle Contractor by East Lothian Council to undertake the structural refurbishment and strengthening of bridge while maintaining the bridge's natural features.

The works include the following scope of works, and all associated temporary works and traffic management:



- Removal of the reinforced concrete bridge deck whilst retaining the existing parapets.
- Installation of a new composite steel deck on new bridge bearings.
- Concrete repairs to existing parapets and edge beams.
- Installation of a cathodic protection system.
- Waterproofing of bridge deck
- Reinstatement and resurfacing of the road.



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