



View looking south towards the new bridge location



Site access gate off Fearn Close

SI200 Reports and Surveys

The following reports and surveys are included;

- 1 Topographic survey (**Appendix 1**)
- 2 Site investigation information including subsoil investigation, borehole location plan and records and soil test results (**Appendix 2**)
- 3 Preliminary Ecological Appraisal (**Appendix 3**)

SI300 Public Information Non Applicable

SI400 Buried pipes, services and other objects

The following service information dated April 2020 is available in **Appendix 4**

- Foul and surface water drainage
- Gas mains
- Water mains
- Telecommunications and fibre optic cable routes
- Fuel lines
- Electricity cables

In addition there are further electric and telemetry cables associated with the operation of the penstock structure in the immediate area of the new bridge that are not shown on drawings

SI500 Buildings, structures and other things adjacent to the site

- 1 Boundary fences
The land of the proposed works on both sides of the new bridge is owned by the local authority (Erewash Borough Council). All boundary fences are the property of the adjacent landowners and are not to be removed or damaged with the exception of the metal tubular railings on both sides of the channel where the bridge will be constructed.
2. Roads and footpaths
There are no public rights of way through the area of the works, however 24hr access will need to be maintained to the Severn Trent sewage pumping station area, and the private land to the east of the site. Access is also currently permitted to the Derbyshire Wildlife Trust to the nature reserve EA to undertake with DWT engagement to discuss.
The access roads to the site (Richmond Ave and Fearn Close) are narrow public roads through residential areas and Fearn Close is a cul de-sac with bungalow type accommodation.
- 3 Buildings and structures
The only building within the site area is the EA control cabinet for the telemetry and power associated with water level sensors upstream and downstream of the new bridge and the automatically controlled penstock on the upstream side. Access is required 24/7 by EA staff or their contractors to this building.
4. Bridges
There are 3 bridges crossing Golden Brook within the local area of the works which are as follows:
 - a. The concrete footbridge (Asset ID 316121) which is due to be removed as part of these works. The existing telemetry sensor located beneath the bridge will be re located by the EA for works due to start on site;
 - b. The concrete/steel beam vehicle bridge (Asset ID 316120) located immediately downstream of the new bridge site. This bridge was inspected and assessed in 2019 and given a weight limit of 7.5T;
 - c. There is a further concrete/steel beam vehicle bridge (Asset ID 316122) located approximately 300m upstream of the new bridge site. This bridge was inspected and assessed in 2019 and given a weight limit of 18.0T. Access to this bridge is at the end of Harrimans Drive as shown on the Site Location Plan. Access to the southern side of the new bridge site could be arranged by travelling eastwards on the embankment between Golden Brook and the lagoon.

The inspection and assessment reports for all 3 of these bridges are contained within **Appendix 5**

Proposed sub-contractors

	Name and address of proposed subcontractor	Nature and extent of work
1.	Beaver Bridges Ltd [REDACTED] [REDACTED] Form of Contract:	Design, Manufacture, and Installation of Bridge
2	Van Elle Ltd [REDACTED] [REDACTED] Form of Contract: Lump Sum	Piling to Bridge Abutments
3	Form of Contract:	
4	Form of Contract:	
5	Form of Contract:	