CULVERT REPAIR AT RILEY LANE, KIRKBURTON, HUDDERSFIELD

Client: 
Environment Agency

Summary: Maintain and Repair surface water culverts

PROJECT DETAILS

CULVERT REPAIR

As part of the Environment Agency's programme to maintain and repair surface water culverts it became apparent that a section of existing stone culvert was in need of very urgent repair. The existing rectangular culvert structure had begun to collapse and presented serious blockage and settlement risk.

A E Yates Trenchless Solutions Ltd undertook a detailed survey and feasibility study to determine the extent of the works and most viable option to complete the repair. We were subsequently awarded the contract to install 20m of DN1200 GRT jacking pipes using a pipe jack technique.

The works were completed within the expected duration and without any adverse effects to the domestic properties located directly adjacent to the culvert. In addition to the pipe jacking works we also constructed a temporary sheeted pit, permanent DN2400 manhole and undertook small scale repairs to the base of the stone culvert either side of the new pipe.

GROUND CONDITIONS

- Mixed made ground and stone culvert construction

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