



Project Title:	Gildersome Tunnel
Client:	Highways England
Date of Work:	May 2015

Works Requirement:
 Core drill through internal brick wall near south end of tunnel. Measure thickness of wall and investigate type of infill material on other side of wall. Price should include any improvements to access into the tunnel that may be necessary and confined space working.

Work Completed:
 Took delivery of the Crane including a 4man safety cage.
 A Hammond 5 man Rescue Team arrived on site and provide supervision and rescue cover for the works. This included a slinger/topman, a man permanently located in the 'man basket', 1 man at trackbed level at the base of the shaft, 1 man to escort the Operatives to the wall and a man on stand-by.
 The slinger/topman guided the crane operator by receiving communication and instructions from the man located in the cage and on the trackbed below.
 The crane lowered the following plant and equipment down the shaft to the trackbed below: 4kva Generator, Drill with 50mm diameter core, Aluminium Tower Scaffolding, Small trolley to carry the equipment, Task lighting, Air Movers.
 The equipment was carried and pushed to the wall. The tower scaffolding was erected and 2no holes cored through the brickwork wall. An endoscope was used to confirm the type of fill and thickness of the wall.

Project Constraints

- Ecology.
- Public Interface.
- Poor condition of structure.
- 3rd party negotiations (landowners).
- High Level access.
- Plant and Materials delivery logistics.
- Site Security.
- Confined Space Working.