



<b>Project Title:</b>	Tallyllyn Tunnel
<b>Client:</b>	Highways England
<b>Date of Work:</b>	2009

Project description

The railway tunnel is located on the disused Tallyllyn junction to Brecon line. The tunnel is 615m long, running in an east to west direction. The tunnel is masonry construction. The east portal is situated at the end of a private garden and the west portal is situated within a farmers field. The eastern side of the tunnel is now flooded due to drainage alterations at the eastern portal entrance.

The scope of works included the following;

- Confined Spaces working.
- Dismantle blockwork wall across the west portal.
- Install new concrete footing and erect new blockwork wall across the west portal, to include spaced blockwork for bat activity.
- Cleaning and re-mortaring specified areas of masonry within the tunnel.
- Erect timber post and 4 rail fencing above both portals.
- Flood alleviation works.
- Ground radar survey of tunnel lining for the whole length of the tunnel.
- Investigate timber drainage boards and repair where necessary.

Project Constraints

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