



Project Title:	Glan Tyweli Bridge
Client:	Highways England
Date of Work:	March 2017

Project Description

South voussoir

Deeply spalled brickwork in the following areas were cut out and repaired:
1st ring: 9no, 2nd ring: 6no, 3rd ring: 8no, 4th ring: 16no.

North voussoir

Deeply spalled brickwork in the following areas were cut out and repaired:
1st ring: 29no, 2nd ring: 48no, 3rd ring: 47no, 4th ring: 53no.

Soffit

7m² of deeply spalled brickwork in the arch soffit were cut out using a temporary centring system supports.

Fly tip removal

14no discarded tyres beneath the bridge deck were removed from site and disposed off at a licensed disposal point.

Project Constraints

- Traffic Management.
- Work at high level.
- Poor condition of structure.
- Sourcing bricks of matching size/colour.
- Public Interface.
- 3rd party negotiations (landowners).
- Access constraints.
- Expertise required for the installation of the proprietary propping system.
- Expertise required to replace overhead brickwork.