



<b>Project Title:</b>	Cwm Du Viaduct Refurbishment
<b>Client:</b>	Highways England
<b>Date of Work:</b>	June 2011

Project description

A disused railway viaduct required major brickwork repairs due to years of vandalism, vegetation growth and ingress of water. A major works scheme was devised by the client's consultants Jacobs, which comprised a 14 week refurbishment scheme to the whole extent of the viaduct face.

The viaduct was completely scaffolded to provide immediate access to all areas of the structure. An ecological survey was carried out by the client's consultants prior to commencing any work. Isolated areas of brickwork repairs in the arches, spandrels, piers, abutments and parapet walls were undertaken. The parapets were rebuilt and new coping stones doweled into position. The deck was completely waterproofed to prevent future water ingress.

Project Constraints

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