



Project Title:	Graig Tunnel Portal Security Gates
Client:	Highways England
Date of Work:	Dec 2012

Project Description

There was an existing security gate and wall which provided ventilation and access to bats at the south portal of Graig Tunnel.

An upcoming major works scheme necessitated large plant to access the tunnel. The portal wall and gates were demolished to provide unobstructed access to the large plant for the duration of the works.

A Bat Mitigation License was approved by the Welsh Assembly Government, however a revised gate assembly was required to be built in its place. A unobstructed area was required at the head of the portal for bats to access freely, which also improved ventilation and large gates were installed to improve access for any future work.

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.