

Full Report for Listed Buildings



Summary Description of a Listed Buildings

Reference Number	Building Number	Grade	Status	Date of Designation	Date of Amendment
23068		II	Designated	05/01/1989	29/03/2000

Name of Property	Address
Neath River swing bridge (partly in Neath and Briton Ferry Communities)	

Location

Unitary Authority	Community	Town	Locality	Easting	Northing
Neath Port Talbot	Coedffranc		River Neath	273003	196370

Street Side	Location
	Spanning the River Neath approximately 1km S of Skewen village.

Description

Broad Class	Period
Transport	

History

The Rhondda and Swansea Bay Railway was incorporated in 1882 but was not completed until 1900, the original plans

having been extensively modified. The line between Neath and Swansea, crossing the River Neath, was authorised in 1892. The bridge was built 1892-4 with a swing portion of 52 metres and a gross weight of 1422 tonnes. The chief engineer was S.W. Yockney, the resident engineer was F.E. Goldwyre and the contractor was George Palmer. Steelwork was supplied by Finch & Co of Chepstow. It was originally hydraulically operated, the machinery supplied by William Armstrong of Newcastle, but is now fixed.

Exterior

The slightly curved plate-girder deck has 5 fixed spans on round steel cylinders sunk into the river bed. The central movable span comprises a parabolic lattice girder truss with Pratt truss diagonal members. The structure rests on a cast iron roller race containing the operating mechanism which is carried on smaller steel cylinders.

Interior

Reason for designation

Listed for industrial archaeological interest as the only oblique swing bridge in Britain.

