

Contract in brief

Location:

River Tawe, Swansea

Client:

City and County of Swansea

Client Representative:

Merebrook

Blackwell Role:

Main Contractor

Form of Contract:

ICE 5th Edition

Contract Value:

£0.90M

Contract Start:

October 2003

Contract Period:

22 wks

Blackwell site management

Contracts Director:

Paul Smith

Project Manager:

Hugh O'Neill

Site Manager:

John Barnett

Services Included:

Civil Engineering ✓

Earthworks

Geotechnical ✓

Remediation

www.blackwellgroup.co.uk

Contract Summary:

Construction of 2 span cable stayed footbridge across River Tawe, supported by piled reinforced concrete foundations.

This prestigious two span cable stayed footbridge (14m and 50m) was constructed by Blackwell in the role of Main/Principal Contractor for the client City and County Council of Swansea as part of the re-development of a former industrial site as a sporting complex with provision of a new multi-million pound stadium.

Key Processes:

The main elements of the works include the following:

- Construction of three reinforced concrete abutments with driven H-section piled foundations within the tidal stretches of the River Tawe.
- A steel deck was fabricated off site by a client nominated subcontractor and supplied and erected under the control and management of Blackwell.

The contract successfully overcome various geotechnical problems related to the founding of the driven steel piles which eventually achieved end bearing at a depth of 54 meters below the river bed.

