

Forthside Pedestrian Footbridge

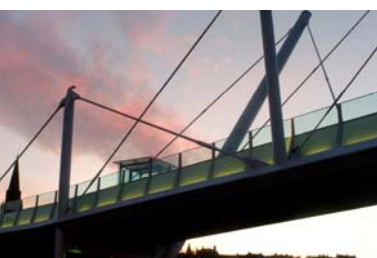
Client :
Stirling Council

Designer :
Gifford & Partners

Architect :
Wilkinson Eyre Architects

Location :
Stirling

Date :
2007 - 2009



This landmark pedestrian bridge was constructed adjacent to the Grade A listed Stirling Railway Station and crosses the Scottish central main line to connect Stirling with the new development at Forthside.

The bridge is a 113m long, three span structure, set on a slight skew to the railway, spanning seven rail tracks, a service road and car park. At each end, the structure incorporates both a cantilever steel access stairway and a hydraulic, scenic passenger lift encapsulated within a free standing, glass and steel framed shaft.

Inclusive of the panoramic glazing enclosures to the lift shafts, all edge protection measures for the structure were constructed using toughened laminated glass panelling. The bridge deck parapets, the deck end enclosures and the access stair balustrades were formed using glass panelling.

The structure's lighting is a mixture of both functional and architectural units which illuminate the bridge's walking routes and major features.

Throughout the design and construction of the bridge, close liaison with Network Rail ensured that the work and its effect on the rail infrastructure and passengers were acceptable to both Network Rail and the Rail Service Operator. The construction of a car park extension restored parking spaces displaced by the substructure support, lift and stair access.