

SATIN Case Study - Cawder 'Warren Truss' Bridge

Organisation Name

East Dunbartonshire Council



Infrastructure Location

Crosses the River Kelvin to the north of Cawder Golf Course, Bishopbriggs.

Date of Completion

01-Feb-2013

Context

Previous footbridge was closed following a structural inspection, and subsequently determined to be beyond economic repair. Bridge carried a very popular Public Right of Way over the River Kelvin, and the need to replace the bridge was identified as a priority. The replacement bridge was designed for multi-use by pedestrians, cyclists and equestrians.





Technical Aspects

26 metre span 'Warren Truss' supported on piled concrete abutments. Due to the location a temporary access road had to be formed through farm land to the north of the bridge location to allow a crane to access the site to lift the prefabricated built bridge onto the abutments. This safe system of work eliminated working at height.



Outcomes



Financing

East Dunbartonshire Council financed scheme, cost £200,000.

Evaluation

The new bridge is Equality Act compliant and provides multi-use access. Positive feedback received from Sustrans and rambler groups.

Key Learning Points

Positive discussions at an early stage with landowner and farmer allowed the temporary access road to be constructed.

Contact Details

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