

EVENING LECTURE

Design and Construction of the Northern Spire Bridge Sunderland

Background

Northern Spire is a landmark new bridge dominating Sunderland's skyline, which opened in August 2018. It is central to a new strategic road linking the A19 to Sunderland city centre and Port of Sunderland, United Kingdom. The innovative project has raised the profile of civil engineering both in the UK and internationally. The 105m A-frame pylon was transported by sea and river to site, before being raised into position during a carefully orchestrated two-day operation. The 330m deck was built alongside and launched across the river. It has been commissioned and overseen by Sunderland City Council. The £117 million project was funded by the UK Government and Sunderland City Council. In May 2015, the Council awarded the main construction contract to FVB, an international joint venture set up by Farrans Construction and Victor Buyck Steel Construction and the Design Joint Venture of Roughan & O'Donovan Consulting Engineers and BuroHappold Engineering.



About the speakers

Simon Fryer, Chartered Engineer, MEng CEng MICE MStructE, is a Technical Director of BuroHappold Engineering with over 30 years' experience in the design of international bridge projects.

Tony Dempsey, Chartered Engineer BA BAI PhD CEng, is a Director of Roughan & O'Donovan and has over 25 years' experience on the design of international bridge projects.

Stephen McCaffrey, Chartered Engineer, BEng CEng FICE MIEI CMgr MCMI was the Project Director for the Construction Joint Venture, Farrans – Victor Buyck.

With a short address by Mr. Joe Kindregan, President of the Institution of Structural Engineers

7.00pm, Tuesday 19th November, 2019

Tea & Coffee from 6.30pm

Rochestown Park Hotel, Cork

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