



The bridge is a cable stayed structure with a span of 120 metres between the north and south quays and rotates horizontally about a pivot pier. The cable stayed pylon has a curved profile leaning northward and rises to a height of 46 metres above the adjacent quays. The bridge deck is a structural steel box section with side cantilevers supporting the footpath and cycle tracks. The width of the bridge is 18 metres. The bridge has been designed by Santiago Calatrava in association with Roughtan and O'Donovan.

The F&N review team were required to review and report on:

- The strengths and weaknesses of the proposed project procurement strategy, giving consideration to suitable alternative forms of contract.
- The constructability of the tender design with particular emphasis on the structural steelwork components and welded connection details and their suitability.
- An appropriate construction management organisational structure, to incorporate the Client's project team assigned to deliver the project.

Subsequent commissions included assisting Dublin City Council with the review of the tendering documents for the construction contract and ad-hoc advice on procurement matters.

F&N supervised the steelwork fabrication at an off-site facility and managed the commercial aspects of the Contract.

The bridge opened in December 2009.

Client:
Dublin City Council

Location:
Between the Talbot Memorial and East Link Bridge, River Liffey, Dublin, Ireland

Construction:
2007 - 2009

Services:
Independent review of procurement strategy and construction supervision

