

# Newsletter

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## Balvac is Contractor of Choice on another spectacular bridge in Dublin

Following successful completion of the Tallacht Bridge last year, Balvac has won a further commission for the installation of a post-tensioning system in Dublin.

Balvac has been awarded a contract for the installation of bonded post-tensioning tendons to a new and innovative bridge in Dublin. Spencer Dock Bridge is the principal structure along a new section of Dublin's Light Rail system.

The bridge will carry two light rail tracks, two-way road traffic and pedestrians across the Royal Canal in Dublin's dock regeneration area.

Arup's innovative design is based on the geometry of the Manta Ray fish, with asymmetric pectoral fins extending out from the bridge and sweeping down towards water level.

The slender bridge comprises a two span post-tensioned deck 40m in length. The deck is unique in terms of its geometrically undulating soffit forming a doubly curved surface.



Main contractor for the project is Laing O'Rourke Ireland.

Balvac's post tensioning team, accustomed to working on impressive bridge projects, is looking forward to working in Ireland again, to successfully deliver this project.

*Keith Barrow*

**Keith Barrow**  
Director and General Manager

The conceptual design of Spencer Dock Bridge in Dublin is based on the geometry of the Manta Ray fish with asymmetric pectoral fins (wings) extending out from the body of the bridge deck and reaching down towards the water level in the Royal Canal.

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