



## SUCCESS STORY:

### M8, M73 AND M74 IMPROVEMENT SCHEME FOR TRANSPORT SCOTLAND



Project: M8, M73, M74 Motorway Network Improvements

Client: Transport Scotland

Contractor: Ferrovial Iagan JV

Products used: 4 WAY MULTIduct™

Transport Scotland are currently working on one of the largest highways schemes in Scotland for the past 20 years. The scheme has been designed to improve the motorway networks in Central Scotland, upgrading roads to reduce congestion and increase journey time reliability. The improvements are hoped to drive a boost in Scotland's economy by improving connections between the commercial center of Glasgow and Edinburgh and beyond.

As part of these improvements to the M8, M73 and M74 a bridge crossing with ducting capacity was required for the existing motorway communication network that Cubis had also supplied network access chambers to. Cubis' cable protection system MULTIduct™ provided the ideal solution for attaching the ducts to the side of the bridge.

Cubis designed a bespoke pivot around the screen walls at each end of the bridge structure and back into the existing system through Cubis' network access chamber and access covers due to the limited space for ducting within the bridge crossing.

The solution required utilized the 4Way MULTIduct™ units with their longer life high UV stability and bespoke made 45° bends to transfer cables across the 40m long bridge and back into the motorway communication network. The MULTIduct™ system provided the installation time with smooth internal walls for easier cable pulling, a wide range of product accessories and faster assembly time with its secure one click push fit connection.

Cubis' cable protection system MULTIduct™ offers an innovative, lightweight, structural, multiple duct that provides a modern alternative to traditional cable ducting. MULTIduct™ has been designed to deliver a seamless integration with Cubis' range of chamber access products such as STAKKAbOX™ ULTIMA Connect enabling enhanced cable management and access.

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#### TECHNICAL DATA SHEETS

All technical data sheets can be found at our website: [www.cubis-systems.com](http://www.cubis-systems.com)

