

Clyde Bridge

Transportation Bridge - Clydebank, Scotland

Part of the Clyde Waterfront and Renfrew Riverside (CWRR) project, this landmark development provides a vital new connection between Renfrew and Clydebank. As the first opening road bridge across the River Clyde, the structure features a twin-leaf swing design, accommodating both maritime traffic and dual-lane road access. Ri Cruden were commissioned by Fairfield Controls to deliver a variety of complex power and control installations. Our team undertook the mission-critical electrical works on both the north and south sides of the bridge, providing the infrastructure essential for the safe and effective operation of the bridge's opening mechanism.

The Works

- Installation of large diameter armoured cabling from the main MCC Distribution Boards at each side of the bridge, connecting to various sub main equipment, including sub-main distribution boards within Power Kiosks and Control Stations.
- Installation of standby generators and change over switches within each Plant Room.
- Cabling for all CCTV, IT and data equipment.
- Ladder rack containment systems within Plant rooms at each side and within large ducts leading to the bridge, enabling cable installations.
- CAT6 and power cabling for bridge operation runs within an Igus energy chain to ensure sufficient flexibility during periods when the bridge is fully opened.

Contractor : Fairfield Controls

Year : 2025

