

A705 Lochshot Burn Bridge

Livingston, Scotland

Client

Chemcem – Scotland Limited

Contract Value

£12,000

Contract Duration

4 weeks

Work Commenced and Completed

March 2014

The Lochshot Burn Bridge is located on the A705 Cousland Road in Livingston.

CCSL was enlisted to replace the damaged multicore DC SWA cathodic Protection cables and re-energise the existing Impressed Current Cathodic Protection System.

During bridge deck refurbishment works, the DC multicore cabling from the remote monitoring and control cabinet to the Pier Portal Cathodic Protection System were damaged, resulting in the Cathodic Protection becoming non-functional.

Utilizing traffic management provided by Chemcem Scotland, a Moog 120 Underbridge unit provided by Facelift was used to provide access to the north parapet face. This enabled the installation of a GRP cable tray and cover to transit the cabling from the ground mounted power and communications cabinet to the existing west and east portal frame pier junction boxes. The junction boxes had also suffered from water ingress and damage, and were replaced during the works. A new power supply was installed for zone four as this was non-functional.

The multicore cabling from the junction boxes to the existing remote monitoring and control cabinet was replaced.



- 1 Access
- 2 Cable tray complete
- 3 New PSU
- 4 Cable tray

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