

Lower Don Valley

Client: Carillion for the Environment Agency

Project Value: £2.4m

Project Type: Flood Alleviation

After being awarded the Lower Don Valley Flood Defence contract in September 2015, our team were quick to get to work on this essential flood defence scheme. With the site based in the centre of Sheffield, the core team employed to undertake works were naturally based in Sheffield. In accordance with our company ethos, we set up a satellite office in Sheffield to support our workers throughout the project's duration.

The project itself involved increasing the existing flood defence height to ensure protection for up to 1 in 100-year flooding. To achieve this aim, our team constructed 140 metres of reinforced concrete walls and footings, and undertook cladding works in accordance with planning permissions. The result? The height of the 110-metre-long flood defence walls was increased by 3 courses.

Throughout the project, the protection of the environment and the local business scene was at the forefront of works. We installed 155 metres of temporary flood defences on Nursery Street using a Duo Block system to ensure protection and keep disruption to a minimum. All plant machinery was also fuelled using Bio Oil to reduce greenhouse gas emissions.

We successfully completed works on the Lower Don Valley Flood Defence in June 2016.

