

HOLT WEIR FISH PASS

Land & Water delivered a new fish pass on the River Severn at Holt Weir. This was the largest of four fish passes delivered as part of a European funding project, "Unlocking the Severn" for Kier Construction and Canal & River Trust.

Due to the logistical and access constraints the entire project had to be delivered from the water, transferring all plant, equipment and materials down the River Severn to the works location. Land & Water were able to utilise its unrivalled in-land waterways experience to develop a construction method for this complex project.

The construction of the fish pass required extensive temporary works to dam the working area. Working with our nominated designers, Tony Gee & Partners, we were able to design a gravity dam solution that enabled the works to be constructed.

Works included: Creation of an earth dam, earthworks, soil nailing, Legato block wall system, RC construction works, inlet and outlet structures, penstocks, scour protection placement, walkways, and safety equipment.

The project was completed on time and enabled the completion of Unlocking the Severn for future fish migration.



Project Particulars

Client: Kier Infrastructure
April 2020 - February 2022



PROJECT
VALUE: £4.6M