

Ladybower Reservoir

Concrete Pier Refurbishment



When completed in 1943 Ladybower dam was one of the largest the largest reservoirs in the country. Below its waters, beneath the bridge lays the remains of the villages of Derwent & Ashopton including the remains of a 17th century church.

The problem of how to access all Ashopton Bridge piers was overcome by the design, supply and installation of a special truss frame suspended access platform. In order to carry out concrete repairs ALPS supplied the custom suspended access platform that was assembled on the shore and transported in two halves to the pier locations.

With only four small holes cored into the bridges footpath above each pier four pairs of 16mm steel suspension and safety ropes were lowered through and the platform mounted hoists and safety devices were attached.

The platform was raised and joined together to form a wrap-around heavy-duty working platform that could be raised and lowered to keep the platform floor level with the water-line as the dam water was lowered to enable progressive repairs. With the job completed the platform was quickly removed and the core holes were filled in leaving no signs of maintenance activity on the bridge.



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