

**CASE STUDY - Durham County Council Byerleyhouse Bridges Repairs**

Following Post Flood Inspections in December 2015, Durham County Council appointed Bridgeway (Framework Supplier) to repair the scour to abutment wall. The council requested new foundations (600mm wide x 300mm deep) to be cast in-situ to the side where the repair was required, and mirrored on opposite abutment. In addition they requested a 150mm invert with 400mm deep toe to the upstream and downstream sides.

The road was closed, and the construction works took place over two weeks in January 2016. The team created a dam so that the watercourse could flow and pumps were in attendance 24/7 in the event that flood water increased. A construction joint was created at midpoint to allow the flow to be switched when the first half of the invert was cast.

**Before:**



**During:**



**After:**

