
**PROJECT: DODDINGTON FOOTBRIDGE
NORTHUMBERLAND**

VALUE: £70,000
ROLE: MAIN CONTRACTOR
START DATE: JUNE 2011
COMPLETION: SEPTEMBER 2011**CLIENT: NORTHUMBERLAND CC**
COUNTY HALL
MORPETH
NE61 2EF

- 24.5m bridge span
- 4no 406mm piles 20m long
- Pre-cast abutments and wing walls
- Timber pre-drilled to minimise impact on river
- Bridge located in an SSSI
- Nesting birds, owls and otters in the area

Northumberland County Council contracted Southbay to install a new bridge over the River Till on the edge of Doddington, Wooler in 2011. The existing stone bridge had started to show signs of subsidence after the floods of 2008 and a replacement was needed.

The new bridge was positioned approx. 25m south of the stone bridge. 4no tubular piles were driven into the river banks and precast abutments and wing walls were positioned on top of them. Tubular bridge beams were placed across the river onto the abutments and a timber deck and handrails were installed. Stone access ramps and footpaths were landscaped to both sides of the bridge.

The bridge was officially opening on 23rd March 2012 by representatives from Northumberland County Council, Southbay Civil Engineering and the local farmers and land owners.



Installation of bridge beams over the River Till

CHALLENGES

The site works were planned and carried out extremely carefully. Close liaison with the Environment Agency was required to receive approval for the scheme as the site is a SSSI. An Ecologist Clerk of Works supervised the construction of the bridge, with nesting birds, barn owls and otters all in the immediate area.

The site had access only via single track lanes on both sides and a site compound was established in an adjacent farmer's field. From the compound the 20m bridge spans were constructed and lifted into position onto newly constructed concrete abutments.



New footbridge over the River Till