

Footbridge, Hamsterley Visitors Centre



Trees were removed from the riverbank, and excavations were made for the abutments.



The foundations, abutments and wing walls were formed with shutters and reinforced concrete.



The bridge was fabricated off-site and delivered in kit form. It was built and lifted in using a crane and hi-ab.



All exposed concrete on the abutments and wing walls was clad in sandstone.



The footbridge will provide access to the proposed Go-Ape site, and forms part of the 'Gruffalo Trail'



Timber was used for the deck and handrails. The bridge was then surfaced with tarmac and a resin top.

Client: Forestry Commission	Value: £150,000
Location: Hamsterley Forest Visitors Centre	Duration: 8 Weeks

Project information

The Forestry Commission were looking for a prestige project for the growing visitors centre at Hamsterley Forest. They designed this bridge as a feature, which would link the centre and car parks to a proposed Go-Ape facility, and to complete the 'Gruffalo Trail' footpath.

The abutments were excavated, and the concrete foundations poured against the earth. From there we were able to fix reinforcement and shuttering, which formed the abutments and wing walls.

We had the bridge fabricated off-site and delivered to site in kit form. Using a 100t crane and our own hi-ab we constructed the bridge on the riverbank, and lifted it in as a whole unit. This meant no operatives needed to work over the river until the bridge was in place and scaffolded.

The timber decking was installed by a one of our subcontractors, as was the surfacing. Once this was in place the bridge had its full strength and the scaffold was able to be removed.