



**WILDER WALKMILL FOOTBRIDGES
INSTALLATION
EASTING:300725 NORTHING:518926**

CONSTRUCTION METHOD STATEMENT

Background to the Scheme

In response to the proposed restoration work at Walkmill Woodlands, Moresby Parks, it is the intention of West Cumbria Rivers Trust to construct 4 new footbridges to allow access throughout the community woodland site and improve accessibility for people with limited mobility to visit areas previously out-of-bounds due to wet ground or river channels blocking the route. The new footbridges will be a single span timber structure, measuring 10 metres in length and will bear on new concrete abutments.



Figure 1. Example of similar footbridge

Method

1. WCRT to carry out all associated work with realigning the beck prior to contractor commencing works to install the new footbridge.
2. Ensure all relevant signs and fencing are in place prior to commencement of works.
3. Assemble the footbridge on site, in situ.
4. Install formwork for the for the concrete abutments.
5. Mix concrete by hand a few metres back from the faces of the concrete abutments and shovel into the formwork for float finishing later.
6. Strike the formwork once the concrete has set, back fill and make surface good with imported type one subbase and dust.
7. Set out neoprene bearings and lift on the new footbridge with a 14T excavator onto the existing abutments.
8. Tidy the site as necessary.

Plant and General

- 14T tracked excavator with biodegradable oils
- Small wheeled crane.
- 2 x pickup and trailer.
- Contractor to always have a spill kit on site.
- All cement to be used in the construction will be kept in waterproof bags until it is used.
- Concrete will be mixed on site by hand (cement mixer) at least back from the edge of the channel of the watercourse and on level areas covered with secure polythene sheeting & where there is no flooding risk.
- All materials and equipment will be stored at away from the channel of the watercourse and on ground with low flooding risk.
- All equipment will be maintained to a high standard and checked for leaks before entering the site.
- All refuelling, greasing & general maintenance will to be undertaken off site.
- The construction site shall be left tidy after work has been completed.

Emergencies

In the weeks leading up to the works weather forecasts & river levels are to be monitored to ensure both low levels of flow and generally dry conditions are forecast to reduce the risk to the workforce from high river levels and the chance of flood conditions during the construction phase. Contractor to sign up to flood alerts from the Environment agency in case of flash flooding etc.

If flooding / high water levels are predicted, then all temporary works are to cease.

The contractor will be supplied with a copy of this method statement together with any comments made by the local flood authority.