

TILHILL FORESTRY – WHITE BURN BRIDGES, KIDLAND FOREST.

METHOD STATEMENT.

The following method statement outlines the work to be carried out in relation to installation of 2 No Mabey C200 temporary bridges over the White burn to avoid use of the existing ford during timber harvesting operations. It is hoped to begin construction of the bridge in June & take 3 weeks to complete.

1. Set up site & install sedimats along with oil spill boom downstream of works. PPG5 & Forest & Water Guidelines refer – No fuel to be held on site during erection of bridges. However Full spill kits will be available at all times in event of hydraulic or fuel pipe failure. Excavator to be cleaned & free from oil or fuel leaks before delivery to site.
2. Excavation of pad foundations will be carried out immediately before construction of the foundation. No excavation will be carried out within the watercourse but sandbags will be placed parallel with the stream to ensure no ingress of water into the foundation. Small pumps will be used to de-water the excavation if necessary and discharged onto grassland before re-entering the watercourse. The tractor mounted concrete mixer on site will have a dedicated visqueen lined wash out lagoon situated well away from the watercourse. Locally won material will be used to backfill to bridge deck level.
3. Passage of the excavator through the existing ford will be limited to 3 or 4 times per ford to gain access to the far bank.
4. When the pad foundations are complete and concrete cured a 9m span Mabey Compact C200 temporary bridge (Bailey Type) will be erected on the bank, placed on rollers, supported by an excavator & pulled over the burn. No part of the structure will ever be in contact with the watercourse.
5. Existing tracks will be upgraded & tied into the bridge deck levels. The bridge will now be available for use by 44T timber haulage vehicles.
6. It is hoped to extract all timber by end of September 2020. The bridge would remain in position until required at other sites. The pad foundations would remain and be available for future use but still leaving a 3.4m wide passage for vehicles.