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Reference	NR/L3/CIV/140/120N
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MODEL CLAUSES FOR CIVIL ENGINEERING WORKS

SECTION 120

GENERAL REQUIREMENTS FOR BRIDGE INSTALLATION METHODS AND TEMPORARY WORKS

NOTES TO SPECIFIER:

These notes do not form part of the Specification.

Method of bridge installation 120.1

The Model Clauses in Sections 120 - 126: Bridge Installation Methods and Temporary Works, have been produced assuming that the design of the particular bridge will have been based on a recognised method of bridge installation, and that this method will have been chosen prior to the production of the design and specification, which usually follows a feasibility study.

Single bridge only 120.2

The Specification has been written assuming a single bridge structure only is to be installed. If more than one bridge is involved, minor amendments to the Specification may be required.

Specialist contractor 120.3

Where all the Tenderers will be selected on the basis of their specialist capability, this Clause 120.003 may be deleted.

Railway loading 120.4

Railway Group Standard GC/RT5112 requires any railway loadings less than full RU loading to be approved at the Approval in Principle stage. This applies to temporary bridges as well as Permanent Works, and this principle should also be applied to other Temporary Works. However, full RU loading is mandatory on TSI routes.

Bridge Design Parameters 120.5

The Contractor may wish to make temporary use of parts of the Permanent Works for the specified bridge installation method. Where this is possible, the Specifier should insert details of the limiting bridge design parameters that the Contractor needs to consider in determining the Temporary Works design.

The need to determine limiting bridge design parameters should be considered at the outset of the design process when selecting the method of analysis.