



Bonneagar Iompair Éireann
Transport Infrastructure Ireland

TII Publications



Guidance for Measuring and Pricing of Special Structures

CC-GMP-02500
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1. Designated Outlines

The selection of the Designated Outlines on the drawings in the Contract should be carefully considered by the compiler. Each Outline should be sufficiently large to include the Employers non-proprietary design (where appropriate) and all the possible options the Contractor may put forward in accordance with the design specification. The main requirement for the Designated Outline is that it should be clearly defined and fully enclosing. However, where possible the Outline should exclude common items such as pavements, kerbing, safety barriers, service ducts, cables, headwalls and the like. Where these features cannot be excluded from the Designated Outline a schedule should be provided to list the features which pass through or into the Designated Outline but which are to be excluded from the lump sum item and included in the Roadworks or other Bill. Such items should not be integral parts of the structure to be designed. The extent of the work excluded from the lump sum item should be clearly shown and scheduled.

2. Foundations

The item for a footbridge or small span underbridge designed by the Contractor should include the foundations necessary for the structure. The compiler should therefore ensure that the Designated Outline is sufficient to enclose such foundations.

3. Alterations

Outside the Designated Outline any alterations or variations to the Works outside Designated Outlines or to existing works as a consequence of the Contractor's designs are not to be included in any measurement. See Preambles to Bill of Quantities.

4. Detailing of Designated Outlines

Details of the various options for special structures to be designed by the Contractor should be shown in Appendices 1/10 (A) and (B) of the Specification.


5. Environmental Barriers

The Designated Outlines for an environmental barrier should include any safety barrier required to be fixed to the barrier. The safety barrier should not be listed in the schedule of features excluded from the lump sum item.


6. Drains Exceeding 900mm Internal Diameter, Box culverts and Piped Culverts

The compiler's attention is drawn to the fact that in accordance with the current standards and guidance notes all drains exceeding 900mm internal diameter, box culverts, piped culverts and all associated chambers, headwalls, outfall works and concrete bagwork are considered as structures and should be measured in accordance with this document.




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