
Series 2500: Special Structures

1 Designated Outlines

The selection of the Designated Outlines on the Drawings should be carefully considered by the Overseeing Organisation. Each Outline should be sufficiently large to include the Overseeing Organisation's 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 fencing, 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 include 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 Overseeing Organisation should therefore ensure that the Designated Outline is sufficient to enclose such foundations.

3 Alterations Outside the Designated Outlines

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 admeasurement. See Preambles to Bill of Quantities.

4 Detailing of Designated Outlines

The requirements for the detailing of Designated Outlines will be found in Departmental Standard SD 4/92 and 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 Outline for an environmental barrier should include any safety fence required to be fixed to the barrier. The safety fence 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 (05/01)

The compiler's attention is drawn to the fact that in accordance with the current standards and advice 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 Series.