



Bonneagar Iompair Éireann
Transport Infrastructure Ireland

TII Publications



Notes for Guidance on the Method of Measurement for Road Works Series MMNG 2500 - Special Structures

CC-GMP-02500

June 2014

About TII

Transport Infrastructure Ireland (TII) is responsible for managing and improving the country's national road and light rail networks.

About TII Publications

TII maintains an online suite of technical publications, which is managed through the TII Publications website. The contents of TII Publications is clearly split into 'Standards' and 'Technical' documentation. All documentation for implementation on TII schemes is collectively referred to as TII Publications (Standards), and all other documentation within the system is collectively referred to as TII Publications (Technical). This system replaces the NRA Design Manual for Roads and Bridges (NRA DMRB) and the NRA Manual of Contract Documents for Road Works (NRA MCDRW).

Document Attributes

Each document within TII Publications has a range of attributes associated with it, which allows for efficient access and retrieval of the document from the website. These attributes are also contained on the inside cover of each current document, for reference. For migration of documents from the NRA and RPA to the new system, each current document was assigned with new outer front and rear covers. Apart from the covers, and inside cover pages, the documents contain the same information as previously within the NRA or RPA systems, including historical references such as those contained within NRA DMRB and NRA MCDRW.

Document Attributes

TII Publication Title	<i>Notes for Guidance on the Method of Measurement for Road Works Series MMNG 2500 - Special Structures</i>
TII Publication Number	<i>CC-GMP-02500</i>

Activity	<i>Construction & Commissioning (CC)</i>
Stream	<i>Guidance for Measuring and Pricing (GMP)</i>
Document Number	<i>02500</i>

Document Set	<i>Standards</i>
Publication Date	<i>June 2014</i>
Historical Reference	<i>Series MMNG 2500</i>

NRA DMRB and MCDRW References

For all documents that existed within the NRA DMRB or the NRA MCDRW prior to the launch of TII Publications, the NRA document reference used previously is listed above under 'historical reference'. The TII Publication Number also shown above now supersedes this historical reference. All historical references within this document are deemed to be replaced by the TII Publication Number. For the equivalent TII Publication Number for all other historical references contained within this document, please refer to the TII Publications website.

Series 2500: Special Structures

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



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