



Bonneagar Iompair Éireann
Transport Infrastructure Ireland

TII Publications



Method of Measurement for Road Works Series MM 2500 - Special Structures

CC-RMP-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inside cover pages, the documents contain the same information as previously within the NRA or RPA systems, including historical references such as those contained within NRA DMRB and NRA MCDRW.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>Method of Measurement for Road Works Series MM 2500 - Special Structures</i>
TII Publication Number	<i>CC-RMP-02500</i>

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

Document Set	<i>Standards</i>
Publication Date	<i>June 2014</i>
Historical Reference	<i>Series MM 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NRA MCDRW prior to the launch of TII Publications, the NRA document reference used previously is listed above under 'historical reference'. The TII Publication Number also shown above now supersedes this historical reference. All historical references within this document are deemed to be replaced by the TII Publication Number. For the equivalent TII Publication Number for all other historical references contained within this document, please refer to the TII Publications website.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

Special Structures

- 1** Unless stated otherwise in the Contract these items shall be used when the Contract provides for special structures as covered by Series 2500.

Notwithstanding the provisions for measurements of the Works set forth elsewhere all the Works (with the exception of those works scheduled as not to be included) within the Designated Outlines shall be deemed to be measured and included within the single items in the Bill of Quantities priced by the Contractor.

The measurement of the remainder of the Works shall exclude all Works contained within the Designated Outlines except for those works scheduled as stated above.

Units

- 2** The unit of measurement shall be:
- (i) special structures item.

Measurement

- 3** The measurement of special structures shall be the complete construction within the Designated Outlines with the exception of those works scheduled as not to be included.

Itemisation

- 4** Separate items shall be provided for special structures in accordance with Chapter II paragraphs 3 and 4 and the following:

Group	Feature
I	1 Special structures
II	1 Buried Structures
	2 Earth retaining structures
	3 Underbridge up to 8m span
	4 Footbridge
	5 Other structure
III	1 Different locations

Special Structures

- 5** The items for special structures shall in accordance with the Preambles to Bill of Quantities General Direction include for:

Item Coverage

- (a) design;
- (b) provision of design calculations and details
- (c) certificates;
- (d) preparation and submission of priced schedule of quantities;
- (e) provision of data, drawings and details of fabrication;

- (f) resubmission and modifications
- (g) amendments to the Works
- (h) obtaining aesthetic approval;
- (i) everything necessary for the completion of the Works within the Designated Outlines, as shown in the relevant item coverages in the Chapters and Series of the Method of Measurement, with the exception of those works scheduled as not to be included
- (j) completing a Technical Acceptance Report and submitting to the NRA for acceptance.



Bonneagar Iompair Éireann
Transport Infrastructure Ireland



Ionad Ghnó Gheata na
Páirce,

Stráid Gheata na Páirce,
Baile Átha Cliath 8, Éire



Parkgate Business Centre,
Parkgate Street,
Dublin 8, Ireland



www.tii.ie



+353 (01) 646 3600



info@tii.ie



+353 (01) 646 3601