



Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

## TII Publications



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# Notes for Guidance on the Method of Measurement for Road Works Series MMNG 1700 - Structural Concrete

**CC-GMP-01700**  
December 2013

## 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inside cover pages, the documents contain the same information as previously within the NRA or RPA systems, including historical references such as those contained within NRA DMRB and NRA MCDRW.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

<b>TII Publication Title</b>	<i>Notes for Guidance on the Method of Measurement for Road Works Series MMNG 1700 - Structural Concrete</i>
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<b>Historical Reference</b>	<i>Series MMNG 1700</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NRA MCDRW prior to the launch of TII Publications, the NRA document reference used previously is listed above under 'historical reference'. The TII Publication Number also shown above now supersedes this historical reference. All historical references within this document are deemed to be replaced by the TII Publication Number. For the equivalent TII Publication Number for all other historical references contained within this document, please refer to the TII Publications website.

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## ***Series 1700: Structural Concrete***

### **1 Curved Formwork**

The items for curved formwork in paragraph 13, Group II, Features 5, 6 and 7 are to be used for any formwork that is required to produce a permanent curved finish to the concrete. Formwork curved or hogged in construction before the placement of concrete and designed to achieve a permanent flat finish shall not be measured as curved. Formwork required to produce curved falls and cambers is measured as curved formwork.

### **2 Finishes to Concrete**

Unformed finishes (U1 to U5 etc.) should not be measured. They are covered by the item coverage in paragraph 4 of Series 1700.

### **3 Underbridges and Footbridges**

When underbridges up to 8 m span and footbridges are designed by the Contractor they are to be measured under Series 2500.



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