



Bonneagar Iompair Éireann  
Transport Infrastructure Ireland

## TII Publications



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# Method of Measurement for Road Works Series MM 2100 - Bridge Bearings

**CC-RMP-02100**

March 2011

## 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inside cover pages, the documents contain the same information as previously within the NRA or RPA systems, including historical references such as those contained within NRA DMRB and NRA MCDRW.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>Method of Measurement for Road Works Series MM 2100 - Bridge Bearings</i>
<b>TII Publication Number</b>	<i>CC-RMP-02100</i>

<b>Activity</b>	<i>Construction &amp; Commissioning (CC)</i>
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<b>Document Set</b>	<i>Standards</i>
<b>Publication Date</b>	<i>March 2011</i>
<b>Historical Reference</b>	<i>Series MM 2100</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NRA MCDRW prior to the launch of TII Publications, the NRA document reference used previously is listed above under 'historical reference'. The TII Publication Number also shown above now supersedes this historical reference. All historical references within this document are deemed to be replaced by the TII Publication Number.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 2100: Bridge Bearings

		<b>Bearings</b>						
Units	<b>1</b>	The units of measurement shall be: <ul style="list-style-type: none"> <li>(i) bearings, installation of bearings ..... number</li> </ul>						
Measurement	<b>2</b>	The measurement shall be the complete unit.						
Itemisation	<b>3</b>	Separate items shall be provided for watermains in accordance with Chapter II paragraphs 3 and 4 and the following: <table border="1" style="margin-left: 20px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Group</th> <th style="text-align: center;">Feature</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">I</td> <td>1 Bearings 2 Installation of bearings</td> </tr> <tr> <td style="text-align: center;">II</td> <td>1 Different types</td> </tr> </tbody> </table>	Group	Feature	I	1 Bearings 2 Installation of bearings	II	1 Different types
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I	1 Bearings 2 Installation of bearings							
II	1 Different types							
<b>Bearings</b>	<b>4</b>	The items for bearings shall in accordance with the Preambles to Bill of Quantities General Directions include for: <ul style="list-style-type: none"> <li>(a) design;</li> <li>(b) certificates;</li> <li>(c) provision of data and drawings;</li> <li>(d) resubmission and modifications;</li> <li>(e) amendments to the Works;</li> <li>(f) nuts, bolts, washers, dowels, protective caps, dust covers, sockets, sleeves, wrapping, adhesives and lubricants;</li> <li>(g) protective system (as Series 1900 paragraph 4);</li> <li>(h) marking bearings for identification purposes.</li> </ul>						
Item Coverage								
<b>Installation of Bearings</b>	<b>5</b>	The items for installation of bearings shall in accordance with the Preambles to Bill of Quantities General Directions include for: <ul style="list-style-type: none"> <li>(a) drilling or forming holes and pockets and casting in bolts, dowels, sockets, base plates and anchorage assemblies;</li> <li>(b) forming plinths including formwork (as Series 1700 paragraph 14);</li> <li>(c) setting and releasing locking mechanisms;</li> <li>(d) adhesives and epoxy mortar, cement mortar or grout and surface preparation therefor;</li> <li>(e) greasing;</li> <li>(f) alterations to concrete, formwork, reinforcement and the like to suit selected bearings.</li> </ul>						
Item Coverage								



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