



Bonneagar Iompair Éireann
Transport Infrastructure Ireland

TII Publications



NRA TA 85 Preliminary Design Report - NRA Review Record

GE-GEO-01021
December 2013

GE General

Technical

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inside cover pages, the documents contain the same information as previously within the NRA or RPA systems, including historical references such as those contained within NRA DMRB and NRA MCDRW.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>NRA TA 85 Preliminary Design Report - NRA Review Record (December 2013)</i>
TII Publication Number	<i>GE-GEO-01021</i>

Activity	<i>General (GE)</i>
Stream	<i>Geometry (GEO)</i>
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Document Set	<i>Technical</i>
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Historical Reference	

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NRA MCDRW prior to the launch of TII Publications, the NRA document reference used previously is listed above under 'historical reference'. The TII Publication Number also shown above now supersedes this historical reference. All historical references within this document are deemed to be replaced by the TII Publication Number. For the equivalent TII Publication Number for all other historical references contained within this document, please refer to the TII Publications website.

NRA TA 85 Guidance on Minor Improvements to National Roads Preliminary Design Report NRA REVIEW RECORD	Report No:	
	Reviewer:	
	Date:	
	NRA Sign-off:	
	Date:	

Scheme Title:			
Road Authority:			
Design Organisation:			
Approved By:			Chartered? (Yes/No)

Items	Yes	No	Comments
Location:			
<i>Alignment Classification:</i>			
Mainline	<input type="checkbox"/>	<input type="checkbox"/>	
Radial	<input type="checkbox"/>	<input type="checkbox"/>	
Side Road	<input type="checkbox"/>	<input type="checkbox"/>	
Interchange	<input type="checkbox"/>	<input type="checkbox"/>	
Slip Road	<input type="checkbox"/>	<input type="checkbox"/>	
Link Road	<input type="checkbox"/>	<input type="checkbox"/>	
Loop	<input type="checkbox"/>	<input type="checkbox"/>	
Scheme Specific Objectives			
Need for the scheme			
Collision History & Records			
Design Speed Calculation (as per NRA TD 9)			
Options Considered			
<i>Constraints on the Scheme:</i>			
Local	<input type="checkbox"/>	<input type="checkbox"/>	
Environmental	<input type="checkbox"/>	<input type="checkbox"/>	

Items	Yes	No	Comments
<i>Existing Geometric Details:</i> Horizontal alignment Vertical Alignment Cross section Number of existing junctions Visibility check at existing junctions Number of existing accesses Visibility check at existing accesses Gradients Cross Falls Superelevation Stopping Sight Distances Overtaking Sight Distances	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<i>Proposed Geometric Details:</i> Horizontal alignment Vertical Alignment Cross section Number of junctions Visibility check at junctions Number of accesses Visibility check at accesses Gradients Cross Falls Superelevation Stopping Sight Distances Overtaking Sight Distances	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Safety Barrier Risk Assessment			
Drainage Details			
Aquaplaning Assessment (as per NRA IAN 09/13)			
Traffic Signs and Road Marking Details			
Junction Treatment			
<i>Non-Motorised Users:</i> Cycle facility provided Footpath provided Setback provided Check definition between cycle facility and road	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Relaxations			

Items	Yes	No	Comments
Departures			
Road Safety Audit			
Structures Affected Notified			
Preliminary Design Drawings			
Pavement Condition Assessment			
Safety Assessment			
Services Assessment			
Future Land Use Assessment			
Traffic Assessment			
Accommodation Works			

Additional Notes and/or Comments:



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