

NRA DMRB - Update Alert

The December 2014 updates to the NRA DMRB are as follows:

NRA DESIGN MANUAL FOR ROADS AND BRIDGES

Document	DMRB Part	Title	Nature of Document
NRA GD 02	0.1.1	Volume Contents and Alpha-Numeric Index to the NRA Design Manual for Roads and Bridges	Amended contents list and index
NRA BD 95	1.2.3	Treatment of Existing Structures on Road Widening Schemes	New Standard
NRA BD 94	2.2.1	Design of Minor Structures	New Standard
NRA BD 51	2.2.4	Design Criteria for Portal and Cantilever Sign/Signal Gantries	New Standard
NRA TD 19	2.2.8	Safety Barriers	Amended standard
NRA BD 21	3.4.1	The Assessment of Road Bridges and Structures	Amended standard
NRA BA 19	3.5.15	The Use of BS 5400: Part 3: 1982	New Standard
NRA BA 24	3.5.16	Early Thermal Cracking of Concrete	New Standard
NRA HD 15	5.2.2	Network Safety Ranking	Updated Standard
NRA HD 16	5.2.2	Temporary Safety Measures Inspection	Updated Standard
NRA HD 17	5.2.2	Road Safety Inspection	Updated Standard
NRA HA 17	5.2.2	Road Safety Inspection Guidelines	Updated Standard
NRA TD 27	6.1.2	Cross Sections and Headroom	Amended Standard
NRA TD 300	6.3.5	Rural Cycle Scheme Design	Amended Standard
BD 36	1.2.1	Evaluation of Maintenance Costs in Comparing Alternative Designs for Highway Structures	Withdrawal
BA 28	1.2.2	Evaluation of Maintenance Costs in Comparing Alternative Designs for Highway Structures	Withdrawal
BA 40	1.3.4	Tack Welding of Reinforcing Bars	Withdrawal
BA 53	1.3.13	Bracing Systems and the Use of U-Frames in Steel Highway Bridges	Withdrawal
BD 10	1.3.14	Design of Highway Structures in Areas of Mining Subsidence	Withdrawal
BA 84	1.3.15	Use of Stainless Steel Reinforcement in Highway Structures	Withdrawal
BD 41	2.1.1	Reinforced Clay Brickwork Retaining Walls of Pocket-Type and Grouted-Cavity Type Construction	Withdrawal
BD 42	2.1.2	Design of Embedded Retaining Walls and Bridge Abutments	Withdrawal
BD 68	2.1.3	Crib Retaining Walls	Withdrawal
BA 68	2.1.4	Crib Retaining Walls	Withdrawal
BD 70	2.1.5	Strengthened/Reinforced Soils and Other Fills for Retaining Walls and Bridge Abutments	Withdrawal
BD 30	2.1	Backfilled Retaining Walls and Bridge Abutments	Withdrawal
BA 80	2.1.7	Use of Rockbolts	Withdrawal

Document	DMRB Part	Title	Nature of Document
BD 26	2.2.1	Design of Lighting Columns	Withdrawal
BA 48	2.2.2	Pedestrian Protection at Head Walls, Wing Walls and Retaining Walls	Withdrawal
BD 83	2.2.11	Design of CCTV Masts	Withdrawal
BD 88	2.2.13	Design of Cantilever Masts for Traffic Signals and/or Speed Cameras	Withdrawal
BA 37	2.3.2	Priority Ranking of Existing Parapets	Withdrawal
BA 82	2.3.7	Formation of Continuity Joints for Use in Bridge Decks	Withdrawal
BA 92	2.3.9	The use of recycled Aggregates in Structural Concrete	Withdrawal
BA 27	2.4.2	Quality Assurance Scheme for Paints and Similar Protective Coatings	Withdrawal

A summary of the changes in amended documents is contained within each individual document.

Summary of December 2014 Amendments

The December 2014 updates to the NRA MCDRW are as set out in the table below:

Document	Description of Changes
NRA SD 2 Volume Contents to the NRA Manual of Contract Documents for Road Works	NRA SD 2 is updated in December 2014 to refer to the correct date for all updated parts of the NRA MCDRW.
Series 300 Fencing and Environmental Noise Barriers	Series 300 is updated in December 2014 with the issue of two new Road Construction Details in Volume 4, including; <ol style="list-style-type: none"> 1. RCD/300/20 Timber Post and Tension Mesh Fence; and 2. RCD/300/21 Timber Post and Tension Mesh Stud Fence.
Series 700 Road Pavements - General	Series 700 is updated in December 2014 with the issue of an amended Road Construction Details in Volume 4, including; <ol style="list-style-type: none"> 1. RCD/700/01 Free Pavement Edge Detail. <p>This detail now includes a new Pavement Type 1B: Flexible Construction Retrofit Schemes</p>
Series 900 Road Pavements - Bituminous Bound Materials	Series 900 is amended in December 2014 with the issue of the following amended document; <p>Volume 1 Specification for Road Works, Series 1900;</p> <p>The amendment is in the form of a new Clause 900, which indicates the existence of NRA IAN 10/14, and the intension of the NRA that the requirements set out in NRA IAN 10/14 will replace the Series 900 Specification by 15th April 2015.</p>
Series 1800 Structural Steelwork	Series 1800 is updated in December 2014 with the issue of amended and new Road Construction Details in Volume 4, including; <ol style="list-style-type: none"> 1. RCD/1800/01 General Arrangement of Gantry Group 1, Sheet 1 of 3 2. RCD/1800/02 General Arrangement of Gantry Group 1, Sheet 2 of 3 3. RCD/1800/03 General Arrangement of Gantry Group 1, Sheet 3 of 3 4. RCD/1800/04 General Arrangement of Gantry Group 2, Sheet 1 of 3 5. RCD/1800/05 General Arrangement of Gantry Group 2, Sheet 2 of 3 6. RCD/1800/06 General Arrangement of Gantry Group 2, Sheet 3 of 3 7. RCD/1800/07 General Arrangement of Gantry Group 3, Sheet 1 of 3 8. RCD/1800/08 General Arrangement of Gantry Group 3, Sheet 2 of 3

Document	Description of Changes
	<p>3</p> <p>9. RCD/1800/09 General Arrangement of Gantry Group 3, Sheet 3 of 3</p> <p>10. RCD/1800/10 General Arrangement of Gantry Group4, Sheet 1 of 2</p> <p>11. RCD/1800/11 General Arrangement of Gantry Group 4, Sheet 2 of 2</p> <p>12. RCD/1800/12 General Arrangement of Gantry Group 5, Sheet 1 of 2</p> <p>13. RCD/1800/13 General Arrangement of Gantry Group 5, Sheet 2 of 2</p> <p>These amended and new drawings are complementary to the updates of Series 1800 made in June 2014.</p>

NRA IAN - Update Alert

The December 2014 update to the NRA IANs is as follows:

NRA INTERIM ADVICE NOTES

Document	NRA Part	Title	Nature of Document
NRA IAN 09/13	IAN	Geometric Design to Improve Surface Drainage (Including Amendment No. 1, dated February 2014 and Amendment No. 2, dated December 2014)	Amended NRA IAN
NRA IAN 10/14	IAN	Specification for Road Works Series 900	New NRA IAN

NRA TB Series - Update Alert

The December 2014 update to the NRA Technical Bulletin Series is as follows:

NRA TECHNICAL BULLETIN SERIES

Document	NRA Part	Title	Nature of Document
NRA TB 10	TB	Specification for Road Works Series 900	New NRA Technical Bulletin
NRA TB 11	TB	NRA TD 19 and Forgiving Roadsides	New NRA Technical Bulletin
NRA TB 12	TB	Timber Post and Tension Mesh Fencing	New NRA Technical Bulletin