

NRA MANUAL OF CONTRACT DOCUMENTS FOR ROAD WORKS

A BRIEF DESCRIPTION OF OCTOBER 2009 AMENDMENTS

DOCUMENT	DESCRIPTION OF CHANGES SINCE JANUARY 2009
<p>Series 500</p> <p>Drainage and Service Ducts</p> <p>Erratum No.1 October 2009</p>	<p>Series 500 of The Manual of Contract Documents for Road Works was published by the National Roads Authority in March 2000 (NRA MCDRW) and revised in January 2009.</p> <p>Minor amendments have been made to the Series 500 as published in January 2009 by the issue of the following Erratum:-.</p> <ul style="list-style-type: none"> • Volume 1, Specification for Road Works, Series 500 Erratum No. 1 (Oct 2009) • Volume 2, Notes for Guidance on the Specification for Road Works, Series NG 500 Erratum No. 1 (Oct 2009) <p>The October 2009 version of the NRA MCDRW includes these minor amendments to Series 500.</p> <p>The revisions are as follows:</p> <ol style="list-style-type: none"> 1. Correction of two typographic errors in Table 5/3 Coarse Aggregate for pipe bedding, haunching and surrounding material, and updating from 10% fines to Los Angeles coefficient for these materials. 2. Correction of mis-labeling and incorrect grading requirements for material in the top layer of filter drains. 3. Deletion of the requirement to paint chamber covers. 4. Additional requirements for mortar used in bedding of covers and gratings when located within the carriageway, harshoulder or hardstrip. 5. Deletion of the option to specify alternative materials for permeable backing to earth retaining structures. 6. Re-numbering of some tables to remove the duplication of Table 5/7, along with correction other minor typographical errors. 7. Clarification of the Notes for Guidance relating to chamber covers to ensure consistency with the Road Construction Details and cross refer to HA104 for advice on the compilation of Appendix 5/1.
<p>Series 1700</p> <p>Structural Concrete</p> <p>October 2009</p>	<p>Series 1700 of The Manual of Contract Documents for Road Works was published by the National Roads Authority in March 2000 (NRA MCDRW).</p> <p>Series 1700 was last revised in October 2009 by the following documents.</p> <ul style="list-style-type: none"> • Volume 1, Specification for Road Works, Series 1700 • Volume 2, Notes for Guidance on the Specification for Road Works, Series NG 1700 • Volume 3, Section 1 : Method of Measurement for Road Works Chapter IV Series 1700 <p>The revisions are as follows:</p> <ol style="list-style-type: none"> 1. Amendments to the general clauses for the specification of concrete to be compatible with IS EN 206. 2. Inclusion of cement types other than Ordinary Portland Cement and Sulphate Resisting Portland Cement. 3. General update of Standards to reflect newly published Euro norms. 4. Revision of requirements for the control of alkali silica reaction to incorporate updated IEI / ICS recommendations.

NRA MANUAL OF CONTRACT DOCUMENTS FOR ROAD WORKS

<p>Series 1700 Cont'd</p>	<ol style="list-style-type: none"> 5. Revisions to requirements for surface impregnation to remove siloxane and permit alternatives to silane. 6. Amendments and updates to the requirements for post-tensioning. 7. Inclusion of requirements for stainless steel reinforcement. 8. Revisions to fixing tolerance requirements for reinforcement. 9. The terminology has been amended for consistency with the Public Works Contracts.
<p>Standard Amendments for use with the PWC.</p> <p>Erratum No.1 October 2009</p>	<p>The Manual of Contract Documents for Road Works was published by the National Roads Authority in March 2000 (NRA MCDRW) and at that time was based on the assumption that it was to be used in conjunction with the IEI Conditions of Contract. As such it contains many cross references to clauses of that particular set of contract conditions and relies on the use of capitalized Defined Terms that are used in those conditions.</p> <p>A set of standard amendments to the Manual of Contract Documents for Road Works was published by the National Roads Authority in January 2009, known as MCDRW Volumes 1a and 3a, which make the currently published versions of MCDRW Volumes 1 and 3 compatible with the new Public Works Contracts.</p> <p>Minor amendments have been made to Volume 1a as published in January 2009 by the issue of the following Erratum:-.</p> <ul style="list-style-type: none"> • Volume 1a, Amendments to the Specification for Road Works, Erratum No.1 (Oct 2009) <p>The revisions are as follows:</p> <ol style="list-style-type: none"> 1. Reinstatement of amendments to Clauses 112 to 116 inclusive, which were inadvertently omitted from the original publication during the final formatting process. 2. Correction of various minor typographical and formatting errors.
<p>Series 900</p> <p>Road Pavements - Bituminous Bound Materials</p> <p>Advance Publication of the forthcoming January 2010 revision</p>	<p>Series 900 of The Manual of Contract Documents for Road Works was published by the National Roads Authority in March 2000 (NRA MCDRW).</p> <p>Series 900 was last revised in May 2005 and is now revised dated January 2010. This revision shall be used for all contracts tendered after 1st January 2010, but is being published ahead of that date to enable industry to prepare itself to be in a position to comply with the new requirements.</p> <p>The January 2010 revision includes the following documents:-</p> <ul style="list-style-type: none"> • Volume 1, Specification for Road Works, Series 900 • Volume 2, Notes for Guidance on the Specification for Road Works, Series NG 900 • Volume 2, Notes for Guidance on the Specification for Road Works, Series NG 100, Table NG 1/1 as relevant to Series 900. <p>The revisions are as follows:</p> <ol style="list-style-type: none"> 1. Implementation of the new IS EN Standards for bituminous mixtures and their associated test methods. The new IS EN standards introduce new names and designations for bituminous mixtures. The new IS EN Standards for bituminous mixtures supersede the previously referenced Irish and British Standards. 2. These new Standards are further supported by a new BS594987 which specifies requirements for the transport, laying and compaction of bituminous mixtures.

NRA MANUAL OF CONTRACT DOCUMENTS FOR ROAD WORKS

Series 900 Cont'd	<ol style="list-style-type: none"><li data-bbox="453 197 1509 360">3. The NRA has considered the requirements of the new Standards and chosen to rationalise them for incorporation into Series 900 of the Specification for Road Works.. The revised Series 900 includes additional requirements to those in the IS EN standards. It also includes new requirements for the sealing of cold joints to improve durability.<li data-bbox="453 360 1509 427">4. Some materials are included which are not covered by EN standards such as CI 919 Surface Dressing and CL 924 High Friction Surfaces.<li data-bbox="453 427 1509 663">5. The new IS EN standards introduce a significant change to the way bituminous mixtures are specified, namely, the Evaluation of Conformity methodology which incorporates Type Testing and Factory Production Control. NSAI has published a guidance document SR 28 Standard recommendations for I.S.EN 13108 series that gives advice on how to specify Irish standard mixtures using the new European Standards. Elements of this advice have been made mandatory for NRA schemes by inclusion within Series 900 of the Specification for Road Works.
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