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**VOLUME 0    MODEL CONTRACT  
DOCUMENT FOR MAJOR  
WORKS AND  
IMPLEMENTATION  
REQUIREMENTS**

**SECTION 2    IMPLEMENTING  
STANDARDS**

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**PART 15**

**SD 14/03**

**IMPLEMENTATION OF AUGUST 2003  
AMENDMENTS TO SPECIFICATION  
FOR HIGHWAY WORKS AND NOTES  
FOR GUIDANCE ON SPECIFICATION  
FOR HIGHWAY WORKS AND HIGHWAY  
CONSTRUCTION DETAILS**

**SUMMARY**

This Standard introduces the August 2003 amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Highway Construction Details. Implementation requirements for the amendments are given for their use in trunk road contracts in the UK.

**INSTRUCTIONS FOR USE**

This is a new document to be incorporated into the manual.

1.    Insert SD 14/03 into Volume 0, Section 2.
2.    Archive this sheet as appropriate.

Note: A quarterly index with a full set of Volume Contents Pages is available separately from The Stationery Office Ltd.



**THE HIGHWAYS AGENCY**



**SCOTTISH EXECUTIVE DEVELOPMENT DEPARTMENT**



**WELSH ASSEMBLY GOVERNMENT  
LLYWODRAETH CYNULLIAD CYMRU**



**THE DEPARTMENT FOR REGIONAL DEVELOPMENT  
NORTHERN IRELAND**

# **Implementation of August 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Highway Construction Details**

**Summary:** This Standard introduces the August 2003 amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Highway Construction Details. Implementation requirements for the amendments are given for their use in trunk road contracts in the UK.

**REGISTRATION OF AMENDMENTS**

Amend No	Page No	Signature & Date of incorporation of amendments	Amend No	Page No	Signature & Date of incorporation of amendments

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Annex A    Schedule of Amendments to Volume 1

Annex B    Schedule of Amendments to Volume 2

Annex C    Schedule of Amendments to Volume 3

# 1. INTRODUCTION AND IMPLEMENTATION

## Introduction

1.1 This Standard introduces the August 2003 national amendments to the Specification for Highway Works (SHW) and the Notes for Guidance on Specification for Highway Works (NG), the Highway Construction Details (HCD).

1.2 The amendments are to be used in the preparation of documents for contracts for the construction, improvement or maintenance of trunk roads including motorways in England, Scotland, Wales and Northern Ireland. (In Northern Ireland the amended documents will be applicable to those roads designated by the Overseeing Organisation.)

1.3 This amending Standard is to be used in conjunction with:

SD 1/98 (Implementation of Specification for Highway Works and Notes for Guidance)

SD 2/92 (Implementation of Highway Construction Details)

SD 3/98 (Preparation of Bills of Quantities for Highway Works)

Annex C of SD 6/94 (Implementation of 1993 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

Annex C of SD 6/95 (Implementation of 1994 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 6/98 (Implementation of 1998 Annual Amendments to Highway Construction Details)

SD 7/98 (Implementation of July 1998 Amendments to Specification for Highway Works, Notes for Guidance and Highway Construction Details)

SD 8/00 (Implementation of January 2000 and May 2000 Amendments to the Highway Construction Details)

SD 9/01 (Implementation of May 2001 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 10/02 (Implementation of May 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 11/02 (Implementation of November 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

SD 12/02 (Implementation of February 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 13/03 (Implementation of May 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Preparation of Bills of Quantities for Highway Works)

## Implementation

1.4 Contracts for construction, improvement or maintenance of all UK trunk roads including motorways (in Northern Ireland those roads designated by the Overseeing Organisation) shall be prepared using:

- (i) the documents contained in the Manual of Contract Documents for Highway Works (MCHW) March 1998 edition for Volumes 1 and 2, as amended in June, July, August 1998, May 2001, May 2002, November 2002, February 2003, May 2003 and August 2003.

- (ii) the 1991 edition for Volume 3 as amended in August 1993, August 1994, March 1998, July 1998, March 1999, January 2000, May 2000, May 2001, May 2002 and February 2003.
- (iii) the March 1998 edition for Volume 4 as amended in May 2001, May 2002, February 2003 and May 2003.

Contracts for which tenders are to be invited after 1 February 2004 shall incorporate by reference the amendments implemented by this Standard, except where the preparation of a contract has reached a stage at which in the opinion of the Overseeing Organisation use of the amendments would result in significant additional expense or delay progress.

1.5 The method of incorporating the amendments to the SHW by reference in tender documents is explained in the Notes for Guidance, Series NG 000, and sub-Clause NG 000.4. The amendment to the Notes for Guidance includes a revised Schedule of Pages and Relevant Publication Dates. A model Preamble is included in the Notes for Guidance. The Preamble to the Specification and the Schedule of Pages and Relevant Publication Dates shall be reproduced unaltered and bound in the Specification with the Numbered Appendices.

1.6 The drawings from the HCD brought into the Contract by reference are to be listed in Appendix 0/4 and dated as appropriate (sub-Clause NG 003.13 and NG Sample Appendix 0/4 in the Notes for Guidance refer).

### **Superseded Text and Drawings**

1.7 Superseded text and drawings in the MCHW Volumes 1, 2, 3 and 4 shall be retained:

- (i) for those schemes for which the Contract has already been awarded using contract documents incorporating by reference the superseded text, and
- (ii) for new schemes for which specific approval has been given to use the superseded text under paragraph 1.4 above.

In these cases, working copies of the MCHW should not have the new amendments incorporated.

1.8 Where working copies of the MCHW are maintained for use on new schemes not covered by the exceptions in paragraph 1.7 above, the superseded pages should be removed and replaced with amended pages (together with all new pages issued).

1.9 Instructions for incorporating the amendments are contained in the published amendment packages.

1.10 The Overseeing Organisations will ensure each office retains an archive copy of MCHW Volumes 1, 2, 3 and 4 incorporating the relevant amendments.

## 2. REFERENCES

2.1 Manual of Contract Documents for Highway Works:

Volume 0: Model Contract Document for Major Works and Implementing Requirements (MCHW 0)

Section 2: Implementing Standards

Part 1 SD 1/98 Implementation of Specification for Highway Works and Notes for Guidance

Part 2 SD 2/92 Implementation of Highway Construction Details (Paragraph 1.5 is superseded by SD 6/94)

Part 3 SD 3/98 Preparation of Bills of Quantities for Highway Works

Part 5 SD 6/94 Implementation of 1993 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 5 SD 6/95 Implementation of 1994 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 7 SD 6/98 Implementation of 1998 Annual Amendments to Highway Construction Details

Part 8 SD 7/98 Implementation of July 1998 Amendments to Specification for Highway Works, Notes for Guidance, and Highway Construction Details

Part 9 SD 8/00 Implementation of January 2000 and May 2000 Amendments to the Highway Construction Details

Part 10 SD 9/01 Implementation of May 2001 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 11 SD 10/02 Implementation of May 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 12 SD 11/02 Implementation of November 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works

Part 13 SD 12/03 Implementation of February 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 14 SD 13/03 Implementation of May 2003  
Amendments to Specification  
for Highway Works and Notes  
for Guidance on Specification  
for Highway Works and  
Preparation of Bills of  
Quantities for Highway  
Works

Volume 1: Specification for Highway Works  
(MCHW 1)

Volume 2: Notes for Guidance on the  
Specification for Highway Works  
(MCHW 2)

Volume 3: Highway Construction Details  
(MCHW 3)

Section 1: Carriageway and Other Details

Section 2: Safety Fences and Barriers

Section 3: National Motorway  
Communications System Installation  
Drawings

Volume 4: Bills of Quantities for Highway Works  
(MCHW 4)

Section 1: Method of Measurement for  
Highway Works (MMHW)

Section 2: Notes for Guidance on the Method  
of Measurement for Highway Works  
(NGMMHW)

Section 3: Library of Standard Item  
Descriptions (LSID)

### 3. ENQUIRIES

Approval of this document for publication is given by the undersigned:

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All technical enquiries or comments on this document should be sent in writing as appropriate to the above.

**Schedule of August 2003 Amendments to Volume 1** (as amended in August 1998,  
May 2001, May 2002, November 2002, February 2003 and May 2003)  
**Specification for Highway Works**

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
100	None	#104.11 #104.12 #117.1(a) and (b) #117.8 #117.14 #117.19 #117.22 117.1(a) and (b) NI 117.8NI 117.19NI
600	None	614.8 615.10 643.11 643.17
1200		#1202.1 1204.1(i) #1212.1 #1212.4 #1212.11 #1212.18 #1212.19 #1213.1 1214.4 1214.8 1215.1 1216.1 1201.1NAW 1212.4NI 1212.19NI
Appendices	None None	Appendix B Appendix F (reference to standards updated)

**Schedule of August 2003 Amendments to Volume 2** (as amended in August 1998,  
May 2001, May 2002, November 2002, February 2003 and May 2003)  
**Notes for Guidance on the Specification for Highway Works**

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
NG 000	None	Schedule of Pages and Relevant Publication Dates
NG 100	NG # 117.14 Traffic Safety and Control Officer NG # 117.14NI Traffic Safety and Control Officer	#NG 117.5 #NG 117.14 re-numbered as NG 117.15 #NG 117.15 re-numbered as NG 117.16 Table NG 1/1 NG Sample Appendix 1/2 NG 117.5NI NG117.14NI re-numbered as NG 117.15 NG 117.15NI re-numbered as NG 117.16 Table NG 1/1 #NG Sample Appendix 1/2 #NG 117.5NI #NG 117.14NI re-numbered as NG 117.15NI #NG 117.15 NI re-numbered as NG 117.16 NI
NG 1200	NG 1212.12 Removal Methods of Road Markings Table NG 12/1 Removal of Road Markings	#NG 1200.1 #NG1206.5 NG 1212.5(iii), (iv) and (vii) NG 1212.10 NG 1213.1 NG 1217.1 #NG Sample Appendix 12/1 NG Sample Appendix 12/1NAW NG1206.5NI
Annex 1	None	General update

**Schedule of August 2003 Amendments to Volume 3, Section 1**  
( as last amended in May 2001, May 2002 and February 2003)

**Highway Construction Details**

<b>Series</b>	<b>New Drawings</b>	<b>Amended Drawings</b>
D	None	D2, D3, D4, D5 and D6
MCX	MCX 6/6: Installation Drawing NMCS 2 Cabinet 600 - Power Supply to PDU and Extended Mains Supply Alternative Arrangement for MS3	MCX 0138 (sheet 1/2), and MCX 0156 (existing sheets 1/5 - 5/5 have been re-numbered to 1/6 - 6/6)