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

**SECTION 2 IMPLEMENTING
STANDARDS**

PART 17

SD 16/04

**IMPLEMENTATION OF
MAY 2004 AMENDMENTS TO
SPECIFICATION FOR HIGHWAY
WORKS, NOTES FOR GUIDANCE ON
SPECIFICATION FOR HIGHWAY
WORKS, HIGHWAY CONSTRUCTION
DETAILS AND PREPARATION OF BILLS
OF QUANTITIES FOR HIGHWAY
WORKS**

SUMMARY

This Standard introduces the May 2004 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. 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 16/04 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



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

WELSH ASSEMBLY GOVERNMENT
LLYWODRAETH CYNULLIAD CYMRU



THE DEPARTMENT FOR REGIONAL DEVELOPMENT
NORTHERN IRELAND

Implementation of May 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Summary: This Standard introduces the May 2004 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. Implementation requirements for the amendments are given for their use in trunk road contracts in the UK.

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

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1. INTRODUCTION AND IMPLEMENTATION

Introduction

1.1 This Standard introduces the May 2004 national amendments to the Specification for Highway Works (SHW), the Notes for Guidance on Specification for Highway Works (NfG), the Highway Construction Details (HCD) and Preparation of Bills of Quantities for Highway Works (MMHW, LSID).

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)

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)

SD 15/04 (Implementation of November 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)

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, August 2003, November 2003 and May 2004.
- (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, February 2003, August 2003, November 2003 and May 2004.
- (iii) the March 1998 edition for Volume 4 as amended in May 2001, May 2002, February 2003, May 2003, November 2003 and May 2004.

Contracts for which tenders are to be invited after 1 May 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 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)
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	Section 3:	Library of Standard Item Descriptions (LSID)
Part 16 SD 15/03	Implementation of November 2003 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details 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:		Not Used (05/04)
	Section 3:		National Motorway Communications System Installation Drawings

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 May 2004 Amendments to Volume 1 (as amended in August 1998,
May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and
November 2003)

Specification for Highway Works

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
100	Clause 126: Timber and products containing wood supplied under the contract	Contents sheet 000.1 #104.6, .7 #104.6NI, 104.7NI #117.1(b), 117.1(b)NI #117.30, 117.30NI Table 1/1 125.9
200		201.9
300	None	304.5 304.6 (deleted) 306.8
400	Road Restraint Systems (Vehicle and Pedestrian) (Series completely amended and with a new title.) Clause 411: Pedestrian Parapets and Pedestrian Guardrails Clause 412: Anti-glare Screens	
500	#503(i)(b): A resistance to fragmentation in Category LA_{50} in accordance with BS EN 13242, clause 5.2 and Table 9 has been introduced. #503.4, #503.5, #505.4 and #505.5: The control of sulfate content using the new test methods in TRL Report 447, Sulfate Specification for Structural Backfills has been extended to all materials in drainage trenches as specified in the above sub-Clauses.	502.1(i) #503.3(i) #503(i)(b) re-numbered to #503(i)(c) Table 5/3 Table 5/4 #503.3(vi) deleted #503.4 re-numbered #503.5 re-numbered #505.3 Table 5/5 #505.4 re-numbered #505.5 re-numbered #505.6 re-numbered #505.7 re-numbered #508.6 512.1 503NI deleted Table 5/3NI deleted Table 5/4NI deleted 508.6NI

Schedule of May 2004 Amendments to Volume 1 (as amended in August 1998,
 May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and
 November 2003)
Specification for Highway Works (continued)

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
600	613.14: The content of Clause 851NI has been moved to this sub-Clause. Table 6/5: A new table gives the grading requirements for Classes 6F4, 6F5 and 6S materials. Table 6/5: A new Table 6/5 gives the grading requirements for Classes 6F4, 6F5 and 6S materials.	602.19 613.1 613.3 613.11(i) 613.11(iii) 613.11(iv) 613.12(i) 613.12(iii) 622.5(ii) 630.8 635 (title) 635.1 635.2 Table 6/1 Table 6/2 Table 6/5 re-numbered to Table 6/6
700	None	701.2 #702.1 Table 7/1 #702.3 #702.9 #702.10(ii) #706.3 710.1 710.2 710.3(i) 710.3(ii) 710.3(iii) 710.4(iii) 710.5 710.6 710.7 710.8 702.1NI Table 7/1NI #702.3NI #702.9(i)NI #702.10(ii) NI #706.3NI #706.9NI
800	Series 800 has been totally revised in five new Clauses Clause 801: General requirements for unbound mixtures for subbase. Clause 802: Transport, laying, compaction and trafficking of unbound mixtures for subbase. Clause 803: Type 1 unbound mixtures for subbase. Clause 804: Type 2 unbound mixtures for subbase. Clause 805: Type 3 (open graded) unbound mixtures for subbase.	806 deleted 807 not used 808 not used 805 re-numbered to 809 850SE deleted 801NI deleted 850NI deleted 851NI deleted

Schedule of May 2004 Amendments to Volume 1 (as amended in August 1998,
May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and
November 2003)
Specification for Highway Works (continued)

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
900	None	943.5
1000	None	1001.2
1200	1212.20 and 1212.20NI: Longitudinal Road Markings Lateral Tolerances	
1700	None	1701 title 1701.1 1701.2 1702 title 1702.1 1702.2 1702.3 1703 title 1703.1 1703.2 deleted 1703.3 deleted 1703.4 deleted 1704.1 1704.2 1704.3 1704.4 Table 17/1 1704.5 Table 7/2 to Table 17/10 deleted 1705 title 1705.1 1705.2 1705.3 deleted 1706.1 1706.2 1706.3 deleted 1706.4 deleted 1706.5 deleted 1707 title 1707.1 1707.2 1707.3 1707.4 deleted Table 17/11 deleted 1708.1 1710.3 1710.4(ii) Table 17/12 re-numbered to Table 17/2 1710.5(i) Table 17/13 re-numbered to Table 17/3 1711.8 Table 17/14 re-numbered to Table 17/4 1711.9

Schedule of May 2004 Amendments to Volume 1 (as amended in August 1998,
May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and
November 2003)

Specification for Highway Works (continued)

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
1700 (cont)		Table 17/15 re-numbered to Table 17/5 1712.5 1714.1 1718.5 1724.2(iii) 1724.4(iv)
1800	None	1801.2 1803
1900	None	1907.3
2200 (Not Used)	None	Series deleted (Consolidated with Series 400)
2500	None	2504.3 2504.12(i)(a) 2504.15(i)
2600		Table 26/1
Appendix A	<p>Scheme 2C: The Design, Supply, Installation and Repair of Environmental Barriers (Structural)</p> <p>Scheme 5A: The Manufacture of Parapets for Road Restraint Systems (National Scheme Applies)</p> <p>Scheme 5B: The Installation of Parapets for Road Restraint Systems (National Scheme Applies)</p> <p>Schemes 8 and 10: Installation and Maintenance of Highway Electrical Equipment</p> <p>Scheme 9B: The Installation and Maintenance of Permanent Vertical Road Traffic Signs and Associated Electrical Works</p> <p>Scheme 13B: The Supply and Application of Microsurfacing</p> <p>Scheme 16: The Laying of Asphalt Mixes:</p> <p>Scheme 17: Vehicle Recovery at Highway Construction Sites</p> <p>Note 2 Added to Sector Scheme 15: The Sector Scheme Committee has concluded that suppliers should obtain registration to this scheme by July 2004.</p>	<p>Part 1</p> <p>Table A/1</p> <p>Table A/2</p> <p>Scheme 2 (title)</p> <p>Scheme 2A (Notes 2and 4)</p> <p>Scheme 2B (Notes 1and 3)</p> <p>Scheme 3</p> <p>Scheme 4 (Note 4)</p> <p>Scheme 5 (title)</p> <p>Scheme 6</p> <p>Scheme 7 (Notes 1, 3and 4)</p> <p>Scheme 8</p> <p>Scheme 9</p> <p>Scheme 12 (Notes 1and 2)</p> <p>Scheme 12A</p> <p>Scheme 12B</p> <p>Scheme 12C (Notes 1and 2)</p> <p>Scheme 13</p> <p>Scheme 14 (Note 1)</p> <p>Scheme 15 (Notes 1and 2)</p>

Schedule of May 2004 Amendments to Volume 1 (as amended in August 1998,
May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and
November 2003)

Specification for Highway Works (continued)

Series	Additional Clauses/Tables/Figures	Amended Clauses/Tables/Figures
Appendix B		General update
Appendix C		General update
Appendix F		General update
Appendix G		General update
Appendix H	None	General update

Schedule of May 2004 Amendments to Volume 2 (as amended in August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and November 2003)

Notes for Guidance on the Specification for Highway Works

NG Series	Additional Clauses NG/Tables NG/Figures NG	Amended Clauses NG/Tables NG/Figures NG
	None	Contents to NG sheet
NG 000	None	Table NG 0/1 Table NG 0/2 Table NG 0/3 Schedule of Pages and Relevant Publication Dates Sample List 'A'
NG 100	126: Timber and products containing wood supplied under the Contract	104.15, .16
NG 200		Sample Appendix 2/3
NG 300		304.2 NG Sample Appendix 3/1
NG 400	Road Restraint Systems (Vehicle and Pedestrian) (Series NG completely amended with a new title.) Clause NG 412: Pedestrian Parapets and Pedestrian Guardrails Clause NG 413: Anti-Glare Screens Clause NG 414: Arrester Beds	Sample Appendix 4/1 Sample Appendix 4/2
NG 500	503.2: New sub-Clause NG 503.2 explains the background on the limiting values in sub-Clauses 503.4 and 503.5 505.2: NG 505.5 explains the background on the limiting values in sub-Clauses 505.4 and 505.5	501.2 501.8 503.1 503.2 re-numbered 503.3 re-numbered 505.1 505.2 re-numbered 514.3 514.6(i) 517.1 518.7 Sample Appendix 5/1 Sample Appendix 5/2 Sample Appendix 5/5
NG 600	613.5: New sub-Clause NG 613.5 explains the introduction of BS EN 13285. 613.6: New sub-Clause NG 613.6 explains the use of Class 6S granular filter layer material.	600.6 613.2(i) 622.1 622.3 623.3 630.14 Sample Appendix 6/3 Sample Appendix 6/7
NG 900	None	943.3 952.7
NG 1000		1000.5
NG 1400	None	1421.2

Schedule of May 2004 Amendments to Volume 2 (as amended in August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and November 2003)
Notes for Guidance on the Specification for Highway Works (continued)

NG Series	Additional Clauses NG/Tables NG/Figures NG	Amended Clauses NG/Tables NG/Figures NG
NG 1500		1507.1 1508.1 1510.1 1532.2
NG 1700	<p>1704.8 Maximum Chloride Content</p> <p>1705.1 Confirmity Criteria 1705.2 Suitability of Proposed Consistent Martial</p> <p>1710.4 to 1707.10 Identity Testing Rates</p>	<p>1701 title 1701.1 1701.2 1701.3 1701.4 1701.5 deleted 1702 title 1702.1 1702.2 (i), 2(ii) 1702.3 (i), 3(ii) 1703 title 1703.1 1703.2 deleted 1703.3 deleted 1704.1 1704.2 1704.3 1704.4 1704.5 1704.6 re-numbered from 1704.2 1704.7 re-numbered from 1704.3 1704.9 re-numbered from 1704.4 1704.10 re-numbered from 1704.5 Table 7/1 1704.5 1704.11 re-numbered from 1704.6 1705 title 1705.1 1705.2 deleted 1706.1 1706.2 1706.3 deleted 1706.4 deleted 1707 title 1707.1 1707.2 1707.3 deleted 1707.4 deleted 1707.5 re-numbered from 1707.11 1707.6 re-numbered from 1707.12 1710.3 1710.4(ii) 1710.5(iii)(b) 1710.5(iii)(c) 1711.1 1711.7 1727.1 1727.3</p>

Schedule of May 2004 Amendments to Volume 2 (as amended in August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003 and November 2003)
Notes for Guidance on the Specification for Highway Works (continued)

NG Series	Additional Clauses NG/Tables NG/Figures NG	Amended Clauses NG/Tables NG/Figures NG
NG 1700 (cont)		Sample Appendix 17/1 Sample Appendix 17/3 Sample Appendix 17/4 Sample Appendix 17/5 1703 SE deleted
NG 1800		1801 NG Sample Appendix 18/1
NG 2200 (Not Used)	None (Not Used)	Series NG deleted (Consolidated with Series NG 400)
NG 2500		2504.1 2504.4 2504.8(i) 2504.8(ii) NG Sample Appendix 25/4
NG 2600	None	2602.1 2602.3 NG Sample Appendix 26/1
Annex 1		General update

Schedule of May 2004 Amendments to Volume 3, Sections 1, 2 and 3

(as last amended in May 2001, May 2002, February 2003, August 2003 and November 2003)

Note: Section 2 of Volume 3 was removed from Volume 3 in May 2004

Highway Construction Details

Series	New Drawings	Amended Drawings
Section 1		
B	None	B14 Issue D, B16 Issue C, B17 Issue C, B18 Issue C
C	None	C19 Issue B, C21 Issue B, C22 Issue B, C24 Issue B
E	None	E4 Issue B, E5 Issue B
G	None	G1 Issue D, G2 Issue C, G3 to G4 Issue D, G5 Issue C, G7 Issue F, G8 to G12 Issue D, G13 Issue E, G14 Issue C, G15 Issue C, G16 Issue E, G17 Issue D, G18 to G22 Issue C, G23 Issue D, G24 Issue C, G25 to G28 Issue B, G29 to G30 Issue C, G31 to G32 Issue B
H	None	H02 Issue B, H03 Issue D, H04 Issue C, H05 Issue D, H06 Issue C, H11 Issue D, H13 Issue E, H14 Issue E, H15 Issue D, H16 Issue C, H17 Issue B, H18 Issue B, H19 Issue B, H20 Issue B, H21 Issue B, H22 Issue B, H23 Issue B, H24 Issue B, H25 Issue B, H34 Issue D, H35 Issue C
I	None	I1 Issue B, I2 Issue B
K4	None	K4 Issue C
Section 3		
MCX	None	MCX 0138 Sheet 1 Issue M, MCX 0138 Sheet 2 Issue G, MCX 0140 Sheet 1 Issue R, MCX 0143 Sheet 1 Issue Q, MCX 0144 Sheet 3, Issue F, MCX 0144 Sheet 4 Issue E, MCX 0151 Sheet 7 Issue F, MCX 0153 Sheet 1 Issue L, MCX 0156 Sheet 4 Issue P, MCX 0160 Sheet 1 Issue L, MCX 0164 Sheet 1 Issue J, MCX 0164 Sheet 2 Issue K, MCX 0164 Sheet 3 Issue H, MCX 0164 Sheet 4 Issue A, MCX 0170 Sheet 1 Issue L, MXC 0486 Sheet 1 Issue G, MCX 0489 Sheet 2 Issue H, MCX 0489 Sheet 5 Issue H, MCX 0490 Sheet 1 Issue J, MCX 0490 Sheet 2 Issue J, MCX 0490 Sheet 3 Issue J, MCX 0490 Sheet 4 Issue M, MCX 0490 Sheet 5 Issue J, MCX 0509 Sheet 2 Issue E, MCX 0560 Sheet 1 Issue E, MCX 0582 Sheet 1 Issue J, MCX 0582 Sheet 2 Issue D, MCX 0582 Sheet 3 Issue D, MCX 0583 Sheet 8 Issue F, MCX 0800 Sheet 1 Issue F, MCX 0800 Sheet 2 Issue F, MCX 0810 Sheet 1 Issue F, MCX 0811 Sheet 2 Issue F, MCX 0811 Sheet 3 Issue F, MCX 0812 Sheet 1 Issue E, MCX 0812 Sheet 2 Issue F, MCX 0814 Sheet 3 Issue F, MCX 0864 Sheet 1 Issue E, MCX 0864 Sheet 2 Issue E, MCX 0864 Sheet 3 Issue E, MCX 0864 Sheet 4 Issue G, MCX 0864 Sheet 5 Issue E, MCX 0864 Sheet 6 Issue F, MCX 0864 Sheet 7 Issue F

Schedule of May 2004 Amendments to Volume 4

(as last amended in March 1998, May 2001, May 2002, February 2003, May 2003,
August 2003 and November 2003)

Bills of Quantities for Highway Works

Section 1: Method of Measurement for Highway Works

Chapter	Series	Additional Paragraphs/Tables	Amended Paragraphs/Tables
III	Preparation BQ Preparation BQ Preparation BQ Preparation BQ Preparation BQ Preparation BQ Preparation BQ Preparation BQ Preparation BQ Preparation BQ Preparation BQ		Paragraph 6 Deleted Paragraph 7 Renumbered Paragraph 8 Renumbered Paragraph 9 Renumbered Paragraph 10 Renumbered Table 1 Amended Table 3 Deleted Table 4 Renumbered & Amended Table 5 Renumbered & Amended Table 6 Renumbered & Amended
IV	Series 200 Series 200 Series 200 Series 400 Series 2200	Complete new Series added Series consolidated with Series 400	8 9 10 Existing Series deleted Series deleted

Schedule of May 2004 Amendments to Volume 4
(as last amended in March 1998, May 2001, May 2003 and November 2003)

Bills of Quantities for Highway Works

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

Chapter	Series	Additional Paragraphs/Tables	Amended Paragraphs/Tables
IV	400 700 1100 2200 3000	Complete new Series added Series consolidated with Series 400	Existing Series deleted 5 2 Series deleted 7

Schedule of May 2004 Amendments to Volume 4
(as last amended in March 1998, May 2001, May 2002, February 2003, May 2003
and November 2003)

Bills of Quantities for Highway Works

Section 3: Library of Standard Item Descriptions for Highway Works

Series	Additional Paragraphs/Tables	Amended Paragraphs/Tables
400	Complete new Series added	Existing Series deleted
2200	Series consolidated with Series 400	Series deleted