
VOLUME 0	MODEL CONTRACT DOCUMENT FOR MAJOR WORKS AND IMPLEMENTATION REQUIREMENTS
SECTION 2	IMPLEMENTING STANDARDS

PART 2

IMPLEMENTATION OF HIGHWAY CONSTRUCTION DETAILS

INTRODUCTION

This Standard introduces the Highway Construction Details and gives implementation requirements 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 2/92 into Volume 0 Section 2
2. Archive this sheet as appropriate

Note:- An index sheet for Volume 0 containing reference to this document is available with SA 4/92

THE DEPARTMENT OF TRANSPORT

THE SCOTTISH OFFICE INDUSTRY DEPARTMENT

THE WELSH OFFICE
Y SWYDDFA GYMREIG

THE DEPARTMENT OF THE ENVIRONMENT FOR NORTHERN IRELAND

Implementation of Highway Construction Details

Summary:

This Standard introduces the Highway Construction Details and gives implementation requirements for their use in trunk road contracts in the UK.

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above Overseeing Departments

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This Standard provides specification requirements for use in public purchasing contracts. It does not lay down legislative requirements for products and materials used in highway construction in the United Kingdom.

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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VOLUME 0 SECTION 2
PART 2 SD 2/92

**IMPLEMENTATION OF HIGHWAY
CONSTRUCTION DETAILS**

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1. INTRODUCTION

1.1 This Standard introduces drawings contained in Volume 3 of the Manual of Contract Documents for Highway Works (MCHW) to be used in the preparation of contracts for the construction, improvement or maintenance of trunk roads including motorways (in Northern Ireland Volume 3 will be applicable to those roads designated by the Overseeing Department).

1.2 Volume 3 is the Highway Construction Details (HCD). Section 1 Series K includes figures previously contained in the 6th edition of Specification for Highway Works (SHW).

Scope

1.3 The drawings in the HCD are dated December 1991 (except for those indicated by * below which are dated April 1992) and comprise:

Section 1

Series A Highway Cross Sections
Series B Edge of Pavement Details
Series C Concrete Carriageway
Series D Carriageway Markings for Rural
Motorways
Series E Distance Marker Posts
Series F Drainage
Series G Loop Detectors
Series H Fences, Stiles and Gates
Series I Underground Cable Ducts
Series J Flexible Composite Carriageway
Series K Miscellaneous

Section 2

Safety Fences Tensioned Corrugated Beam
and Open Box Beam
Barriers Double Rail Open Box Beam
Untensioned Corrugated Beam
Temporary Vertical Concrete
Safety Barrier
Permanent Vertical Concrete
Safety Barrier
* Combined Open Box Beam
Safety Fence and
Environmental Barrier
* Rectangular Hollow Section
Wire Rope
* Testing Equipment

Related Documents

1.4 The documents contained in Volumes 0 to 2 and Volume 4 of the Manual of Contract Documents for Highway Works shall be used when preparing contracts incorporating Volume 3.

Implementation

1.5 Contracts for the construction, improvement or maintenance of trunk roads including motorways (in Northern Ireland those roads designated by the Overseeing Department) shall be prepared using the drawings listed in paragraph 1.3 and the documents listed in paragraph 1.4 except where the preparation of a contract has reached a stage at which, in the opinion of the Overseeing Department, their use would result in significant additional expense or delay progress. Notwithstanding the above, all contracts for which tenders are to be invited after 31 December 1992 shall be based on this Standard, unless specific approval has been obtained from the Overseeing Department to use other drawings.

Superseded Documents

1.6 All previous editions of the Highway Construction Details are hereby superseded, except where used for schemes for which the Contract has been awarded using earlier editions or which are covered by paragraph 1.5 above.

1.7 The wire rope safety fence drawings in Appendix A of TD 32/89 (DMRB 2.2) are superseded by the corresponding drawings in Section 2 of Volume 3 of the Manual of Contract Documents for Highway Works (MCHW 3.2).

2. INCORPORATION INTO CONTRACT DOCUMENTS

Use In Contract Documents

2.1 Those drawings selected from the HCD and to be included in the contract documents are to be listed in Appendix 0/4 to the Specification indicating where necessary if only a part of the drawing is to be adopted.

The intention is that the drawings should be used without amendment, but if amendment is necessary, approval from the Overseeing Department shall be obtained.

Standards

2.2 Several drawings in the HCD make reference to British Standards. Products complying with equivalent standards and technical specifications are acceptable if they comply with the criteria given in Clause 104 of the SHW.

3. REFERENCES

3.1 Manual of Contract Documents for Highway Works

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

Volume 1 : Specification for Highway Works (December 1991): HMSO (MCHW 1)

Volume 2 : Notes for Guidance on the Specification for Highway Works, (December 1991): HMSO (MCHW 2)

Volume 4 : Bills of Quantities for Highway Works (December 1991): HMSO (MCHW 4)

3.2 Design Manual for Roads and Bridges

Volume 2: Section 2 Special Structures

TD 32/89: Wire Rope Safety Fence (DMRB 2.2)

Decimal Cross References

3.3 Decimal cross references have been used in this document. A hierarchical system is used in which the first number refers to the volume in the manual, the second to the section or clause (as appropriate) and the third to the part.

eg MCHW 0.2.3 refers to the Manual of Contract Documents for Highway Works, Volume 0, Section 2, Part 3;

MCHW 1.104 refers to the Manual of Contract Documents for Highway Works, Volume 1, Clause 104; and

DMRB 1.1 refers to the Design Manual for Roads and Bridges, Volume 1, Section 1.

4. ENQUIRIES

All technical enquiries or comments on this document should be sent in writing as appropriate to:-

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