

WELSH GOVERNMENT TRUNK ROAD MAINTENANCE MANUAL 2016 (WGTRMM 2016)

Part 2.3: NETWORK MANAGEMENT MANUAL; REFERENCES AND ANNEXES

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Part 2.3: NETWORK MANAGEMENT MANUAL; REFERENCES AND ANNEXES

2.3 – REFERENCES

All below need further and ongoing checking and adding to if relevant

2.3.1 Introduction

This section contains a summary of a range of references available for legislative and technical requirements and guidance. It is not intended to be exhaustive and is subject to changes in legislation, technical standards and best practice. It is for the Service Provider to ensure legislative compliance in all instances in delivering their services and statutory compliance with changes to existing and new legislation within the currency of any ongoing Agreement or Contract.

Where such matters are likely have an effect on the costs of service delivery, the Service Provider will inform WG accordingly for further discussion.

2.3.2 References

2.3.2.1 Legislation

Health and Safety at Work Act 1974 (and associated subordinate legislation)
Electricity at Work Regulations 1989
Environmental Protection Act 1990
Highways Act 1980 (HMSO)
Management of Health and Safety at Work Regulations 1992
New Roads and Street Works Act 1991
Personal Protective Equipment at Work Regulations 1992
Traffic Management Act 2004
Traffic Signs Manual (HMSO)
Traffic Signs Regulations and General Directions 2002 (TSRGD, 2002)
Weeds Act 1959 (HMSO)
Wildlife and Countryside Act 1981(HMSO)

2.3.2.2 Trunk Road Maintenance Manuals

WGTRMM 2000 Welsh Government
DEPARTMENT OF TRANSPORT (1996). Trunk Road Maintenance Manual Volumes 1, 2 & 3: Routine and Winter Maintenance Code, Version No. 2. The Stationery Office, London.
Maintaining Better Highways

2.3.2.3 Design Manual for Roads and Bridges (DMRB)

2.3.2.4 Manual of Contract Documents for Highway Works

2.3.2.5 British Standards Institution

BS EN 471: 1994 Specification for High Visibility Warning Clothes
BS EN 1317-1: 1998 Road Restraint Systems-Part 1: Terminology and general criteria for test methods.

BS EN 1317-2: 1998 Road Restraint Systems-Part 2: Performance classes, impact test acceptance criteria and test methods for safety barriers.
BS EN 1317-3: 2000 Road Restraint Systems-Part 3: Crash Cushions – Performance classes, impact test acceptance criteria and test methods.
BS EN 1436: 1998 Road Marking Materials : Road marking performance for road users
BS EN 1824: 1998 Road marking materials - Road trials
BS 3247: 1991 Salt for spreading on highways for winter maintenance.
BS 5489: 2003 Road lighting.
BS 5837: 1991 Trees in relation to construction.
BS 5930: 1999 Code of Practice for Site Investigation
BS 6779: 1999 (Parts 1 to 4). Highway parapets for bridges and other structures
BS 7669-3: 1994 Vehicle Restraint Systems. Guide to the installation, inspection and repair of safety fences
BS 7671: 2001 Requirements for Electrical Installations (Wiring Regulations). Institution of Lighting Engineers (ILE).
BS 7818: 1995 Pedestrian Restraint Systems in Metal
PrEN 1317-4: 1999.17-18 June 1999 Not published – at committee stage. Road Restraint Systems –

2.3.2.6 National Guidelines

Code of Practice for Litter and Refuse, DEFRA.
Guidance for Safer Temporary Traffic Management. CSS, Highways Agency and Health and Safety Executive, 2002
Guidelines for the planning, installation and maintenance of utility services in proximity to trees. National Joint Utilities Group 10 1995.

2.3.2.7 Other Guidance

Pollution Prevention Guidelines PPG3 – Use and Design of Oil Separators in Surface Water Drainage Systems (Environment Agency, June 2001)
Pollution Prevention Guidelines PPG21 – Pollution Incident Response Planning (Environment Agency, February 2003)
Pollution Prevention Guidelines PPG22 – Dealing with Spillages on Highways (Environment Agency, November 1999)
Road Death Investigations Manual (ACPO, 2001)
Road Users' Charter, Getting the Best Out of England's Main Roads (Highways Agency, 2002)
Sewer Jetting Code of Practice. CANT. J, TREW. J. (1997) Water Research Centre. April 1997
The Appearance of Bridges and Other Highway Structures. Highways Agency.
Trench Reinstatement Advice, HAUC.
TR2020C National Ice Prediction Network Issue C November 1998 (available by email from tss_plans_registry@highways.gsi.gov.uk)
TR2213A National Ice Prediction Network Outstation Protocol Issue A October 2000 (available by email from tss_plans_registry@highways.gsi.gov.uk)
Winter Maintenance Scheme 6157 (City & Guilds)

2.3.2.8 Research Papers

Relevant papers to be added as appropriate

2.3.3 Relevant Welsh Standards and Local Service Variations

1 Current Highways Agency/Highways England Interim Advice notes adopted or amended by WG for use in Wales are available on:-

<http://wales.gov.uk/topics/transport/roads/ians/?lang=en>

For further consideration and update as appropriate

2 Service Providers are required to complete 2.3.3 Annex A to document and record WG approved local variations , service enhancements and reductions from WTRMM2016 where applicable.

WGTRMM 2016 – PART 2.3

2.3.3 Annex A Local Variations / Service Enhancements/Reductions

SWTRA Eastern Area

Route	From.....to.....	Ref.	Description of Enhancement	Approved by..... Date
M4	Westbound and Eastbound Carriageway MP 246/0 to MP 259/2	MPR3.6.6	Clean gullies 2 times per year	AN Other 10 Sept 2020

SWTRA Central Area

Route	From.....to.....	Ref.	Description of Enhancement

SWTRA Western Area

Route	From.....to.....	Ref.	Description of Enhancement

NMWTRA

Route	From.....to.....	Ref.	Description of Enhancement