# Area 10
# Asset Delivery

# Scope

# Annex 3

# Reference Documents

# CONTENTS AMENDMENT SHEET

| Amend. No. | Revision No. | Amendments | Initials | Date |
|---|---|---|---|---|
| 0 | 0 | Tender Issue | SOS | 19/02/2018 |
| 1 | 3.0 | Tender Amendment 1:<br>Inserted CITB guidance document to Table 1.1 Section D Advisory | AN | 23/02/2018 |
| 2 | 4.1 | Amended Table 1.1C to include Highways England Metal Theft Toolkit (including Annex A) | AN | 09/03/2018 |
| 3 | 4.1 | Amended Table 1.1C to include the Energy Savings Plan Guidance | AN | 09/03/2018 |
| 4 | 5.0 | Table 1.1 Section A updated link Managing Health and Safety in Construction | AN | 16/03/18 |
| 5 | 5.0 | Table 1.1 Section C removed BIM Employer Information Requirements | AN | 16/03/18 |
| 6 | 5.0 | Table 1.1 Section D updated Guidance to Local Authorities on Parking Policy and Enforcement | AN | 16/03/18 |
| 7 | 5.0 | Table 1.1 Section D updated PPN 01/17 on Transparency Principles | AN | 16/03/18 |
| 8 | 5.0 | Table 1.1 Section D updated PPN 01/15 Implementing Energy Directive | AN | 16/03/18 |
| 9 | 5.0 | Table 1.1 Section C updated DFT Guidance on Transport Assessments | AN | 16/03/18 |
| 10 | 5.1 | Updated Hyper Links | AN | 29/03/18 |

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| 11 | 5.2 | Hyperlink to Severe Weather and Incident Response Performance Requirements updated | AN | 20/04/18 |

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## 1. REFERENCE DOCUMENTS

1.0.1. The Reference Documents are those documents identified in the following Tables 1.1, 1.2 and 1.3, together with any amendments or additions thereto published by the *Client* from time to time.

### 1.1. Current Documents

1.1.1. Table 1.1 presents a list of current Department for Transport (DfT) and Highways England documents which may be relevant to the work undertaken by the Contractor in the performance of its duties. The list identifies both mandatory and advisory requirements, with which the Contractor complies, together with the sources from which the documents can be obtained.

1.1.2. For ease of reference, the documents have been grouped into the following categories:

(1) Mandatory

(a) Corporate Strategy,

(b) Performance Measurements,

(c) Technical Requirements,

(2) Advisory

(a) General.

**Table 1.1**

| **A. Mandatory - Corporate Strategy** | | | |
|---|---|---|---|
| **Ref.** | **Publication** | **Published by / Available from** | |
| 1 | Highways England: Strategic Business Plan 2015-2020 | *Client's* Website<br><br>https://www.gov.uk/government/publications/highways-england-strategic-business-plan-2015-to-2020 | |

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|---|---|---|---|
| 2 | Highways England: Delivery Plan 2015-2020 | *Client's* Website<br><br>https://www.gov.uk/government/publications/highways-england-delivery-plan-2015-2020 | |
| 3 | Road investment strategy: 2015 to 2020 | *Client's* Website<br><br>https://www.gov.uk/government/collections/road-investment-strategy | |
| 4 | Highways England – Changing the customer experience through the Highways Agency Traffic Information Strategy | *Client's* Website<br><br>https://www.gov.uk/government/publications/highways-agency-information-strategy | |
| 5 | Highways England Sustainable Development Strategy | *Client*<br><br>Sustainable development strategy | |
| 6 | Highways England Environment Strategy | *Client*<br><br>Environment Strategy | |
| 7 | Highways England – Procurement Strategy | *Client*<br>https://www.gov.uk/government/organisations/highways-england/about/procurement | |

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| 8 | National and Local Environmental Strategies and Policies (including: Environment Strategy, Managing our Approach to Environmental Performance and Environment Action Plan. | *Client's* Website<br><br>https://www.gov.uk/government/publications/highways-agency-environment-strategy | |
| 9 | Roads Reform – A Fresh Start for the Strategic Road Network: The Government Response and Feasibility Study Terms of Reference | DfT website<br><br>https://www.gov.uk/government/publications/roads-reform-a-fresh-start-for-the-strategic-road-network-government-response-and-feasibility-study-terms-of-reference | |
| 10 | Highways England Company Records Policy | *Client*<br><br>Company Records Policy | |
| 11 | Highways England Information Assurance Policy | *Client*<br><br>Information Assurance Policy | |
| 12 | Highways England – Visual identity – Requirements for our suppliers | *Client*<br><br>HE Visual Identity Guidelines | |
| 13 | National Planning Policy Framework | Planning Portal Website<br><br>http://www.planningportal.gov.uk/planning/planningpolicyandlegislation/about/ppsppg | |
| 14 | Highways England Licence | *Client* | |
| 15 | Highways England Biodiversity Plan | *Client*<br>https://www.gov.uk/government/publications/biodiversity-plan | |

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|---|---|---|---|
| 16 | Data Handling Policy for Supply Chains | *Client*<br><br>Data Handling Policy for Supply Chains | |
| 17 | HMG Security Policy Framework (Current Version 8 April 2014) with particular reference to Security Policy No.3: Personnel Security | Cabinet Office Website<br><br>https://www.gov.uk/government/publications/security-policy-framework | |
| 18 | HMG Baseline Personnel Security Standard (Version 3.1 – April 2012 | Cabinet Office Website<br><br>https://www.gov.uk/government/publications/security-policy-framework | |
| 19 | Lean Benefits Realisation Guide | *Client*<br><br>Lean Benefits Realisation Guide | |
| 20 | Aiming for Zero | *Client's* Website<br><br>https://www.gov.uk/government/collections/roadworker-safety-highways-agencys-aiming-for-zero-programme | |
| 21 | Strategic Framework for Road Safety | DfT website<br><br>https://www.gov.uk/government/publications/strategic-framework-for-road-safety | |
| 22 | Managing Down Cost (MDC ) Toolkit | *Client's* Website<br><br>http://www.highways.gov.uk/specialist-information/highways-agency-toolkits/ | |

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|---|---|---|---|
| 23 | Managing Health and Safety in Construction | Health and Safety Executive<br><br>http://www.hse.gov.uk/pubns/books/l153.htm | |
| 24 | Highways Agency Litter Strategy | *Client's* Website<br><br>https://www.gov.uk/government/publications/highways-agency-litter-strategy | |
| 25 | National energy strategy for roadside equipment | *Client's* Website<br><br>https://www.gov.uk/government/publications/national-energy-strategy-for-roadside-equipment | |
| 26 | Highways England Health and Safety 5 Year Plan | *Client*<br><br>Highways England Health and Safety 5 Year Plan | |
| 27 | Supply Chain Maturity Matrix | *Client*<br><br>Supply Chain Maturity Matrix | |
| 28 | Highways England Complaints Procedure | *Client's* Website<br><br>https://www.gov.uk/government/organisations/highways-england/about/complaints-procedure | |
| 29 | Highways England Customer Service Strategy | *Client*<br><br>Highways England Customer Service Strategy | |

| B. Mandatory - Performance Measurements | | | |
|---|---|---|---|
| **Ref.** | **Publication** | **Published by / Available from** | |
| 30 | Monthly Review Progress Report Framework | *Client*<br><br>Monthly Review Progress Report Framework | |
| 31 | Live Carriageway Crossing and Live Lane Working Guidance | *Client*<br><br>Live carriageway crossing and live lane working – data entry sheet<br><br>Live carriageway crossing and live lane working | |
| 32 | EDIT toolkit | *Client*<br><br>EDIT toolkit | |
| 33 | Inclusion Action Plan template | *Client*<br><br>Inclusion Action Plan template | |
| 34 | Transition Plan Framework | *Client*<br><br>Transition Plan | |
| **C. Mandatory - Technical Requirements** | | | |
| **Ref.** | **Publication** | **Published by / Available from** | |
| 35 | Circular Roads | DfT Website (Current)<br><br>https://www.gov.uk/government/publications/roads-circulars | |

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| 36 | Circular Planning | Communities and Local Government Website<br><br>https://www.gov.uk/government/organisations/department-for-communities-and-local-government/series/planning-circulars | |
| 37 | DfT Guidance on Transport Assessments | DfT Website<br><br>https://www.gov.uk/guidance/transport-evidence-bases-in-plan-making-and-decision-taking | |
| 38 | Design Manual for Roads and Bridges | DfT Standards for Highways Website<br><br>http://www.dft.gov.uk/ha/standards/ | |
| 39 | Manual of Contract Documents for Highway Works | DfT Standards for Highways Website<br><br>http://www.dft.gov.uk/ha/standards/ | |
| 40 | Network Delivery and Development Portfolio Control Framework (NDD PCF) | *Client*<br><br>Network Delivery and Development Portfolio Control Framework | |
| 41 | Technology Management and Maintenance Manual (TMMM) | *Client*<br><br>Technology Management and Maintenance Manual | |
| 42 | Routine Maintenance Management Systems Manual | The Stationery Office | |
| 43 | Road Notes | The Stationery Office | |
| 44 | Traffic Signs Manual and Notes for Guidance on Safety at Roadworks | DfT Website<br><br>https://www.gov.uk/government/publications/traffic-signs-manual | |

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| 45 | PAS 43:2015 – Safe working of vehicle breakdown and recovery operators. | British Standards Institution<br><br>http://shop.bsigroup.com/en/ProductDetail/?pid=000000000030314205<br><br>ISBN: 978 0 580 88265 | |
| 46 | PAS 55-1:2008<br><br>Asset management. Specification for the optimized management of physical assets | British Standards Institution<br><br>http://shop.bsigroup.com/en/ProductDetail/?pid=000000000030171836<br><br>ISBN: 978 0 580 50975 9 | |
| 47 | PAS 55-2:2008 Asset management. Guidelines for the application of PAS 55-1 | British Standards Institution<br><br>http://shop.bsigroup.com/en/ProductDetail/?pid=000000000030187096<br><br>ISBN: 978 0 580 50976 6 | |
| 48 | Airwave for Service Contractors Code of Practice | *Client*<br><br>Code of Practice | |
| 49 | Airwave for Service Contractors – Processes and Procedures | *Client*<br><br>Processes and Procedures | |
| 50 | Airwave – Service Providers Code of Practice Implementation Brief | *Client*<br><br>Code of Practice Implementation Brief | |
| 51 | Airwave for Service Providers – Training and use of Airwave | *Client*<br><br>Training and use of Airwave | |
| 52 | Airwave Service Code of Practice | *Client*<br><br>Code of Practice | |

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| 53 | Guidance on Deployment of Airwave for Highways England's Service Provider | *Client*<br><br>Guidance on Deployment of Airwave | |
| 54 | Guidance on Transfer & Commissioning of Traka Intelligent Lockers at change of Service Provider | *Client*<br><br>Guidance on Transfer & Commissioning of Traka | |
| 55 | Guidance to Service Providers on the requirements associated with the Mobilisation, Operation and Demobilisation of Airwave radios and associated equipment | *Client*<br><br>Guidance to Service Providers | |
| 56 | ISU Terminal Return Process | *Client*<br><br>ISU Terminal Return Process | |
| 57 | Synopsis of Airwave use by Area Service Provider | *Client*<br><br>Synopsis of Airwave use | |
| 58 | CCTV Guidance | *Client* | |
| 59 | HAPMS Visual Survey Manual | *Client*<br><br>Contact details:<br>HAPMS@highwaysengland.co.uk | |
| 60 | SMIS User Guidance | *Client*<br><br>SMIS User Guide | |
| 61 | Energy Savings Plan Guidance | *Client*<br><br>Energy Savings Plans v2 Feb2018 | |

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| 62 | Asset Data Management Manual (ADMM) | *Client*<br><br>Asset Data Management Manual (ADMM) | |
| 63 | Asset Management Policy | *Client*<br><br>Asset Management Policy | |
| 64 | Highways England Metal Theft Toolkit | *Client*<br><br>Requirement and guidance for new schemes to perform a metal theft risk assessment<br><br>Requirement and guidance for new schemes to perform a metal theft risk assessment – Annex A | |
| **D. Advisory – General** | | | |
| **Ref.** | **Publication** | **Published by / Available from** | |
| 65 | Disabled Driver Publications | DfT Website<br><br>https://www.gov.uk/government/policies/making-transport-more-accessible-to-all | |
| 66 | Highways Agency Environmental Reports | *Client* | |
| 67 | Operational Guidance to Local Authorities: Parking Policy and Enforcement | DfT Website<br><br>https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/496987/operational-guidance.pdf | |
| 68 | National, Regional & Local Biodiversity Action Plans | Natural England/ Local Authorities / Local Wildlife Trusts | |

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| 69 | Local Transport Notes | DfT Website<br><br>https://www.gov.uk/government/publications/local-transport-notes | |
| 70 | Planning Policy Guidance Notes | Communities and Local Government Website | |
| 71 | Traffic Advisory Leaflets | DfT Website<br><br>https://www.gov.uk/government/organisations/department-for-transport/series/traffic-advisory-leaflets | |
| 72 | Traffic Topic Leaflets | DfT Website | |
| 73 | Value for Money Guidance Manual | HM Treasury Website<br><br>Value for Money Guidance Manual | |
| 74 | The Appearance of Bridges and Other Highway Structures | The Construction Information Service Website<br><br>http://products.ihs.com/cis/Doc.aspx?AuthCode=&DocNum=201936 | |
| 75 | Procurement Policy Note 01/17 entitled Update to Transparency Principles | https://www.gov.uk/government/publications/procurement-policy-note-0117-update-to-transparency-principles | |
| 76 | Procurement Policy Note 01/15 entitled "Implementing Energy Efficiency Directive Article 6: further information" | https://www.gov.uk/government/publications/procurement-policy-note-0115-implementing-energy-efficiency-directive-article-6-further-information | |

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| 77 | Information Technology Infrastructure Library | https://www.gov.uk/government/publications/best-management-practice-portfolio/about-the-office-of-government-commerce | |
| 78 | Construction Industry Training Board | *Client*<br><br>Construction Industry Training Board | Annex 13 |

## 1.2. Area Specific Documents

1.2.1. Table 1.2 contains a list of area specific documentation which are relevant to the work undertaken by the Contractor in the performance of its duties together with information on the sources from which those documents can be obtained. Unless otherwise stated, these documents form Mandatory requirements, with which the Contractor complies

1.2.2. Any ambiguities or discrepancies discovered within the documents listed in this Table to those listed in Table 1.1 shall be explained and adjusted by the *Client* who shall thereupon issue to the Contractor appropriate instructions in writing.

**Table 1.2**

| Ref. | Publication | Published by / Available from | |
|---|---|---|---|
| 1. | Cyclic and Reactive Maintenance Delivery Plan (CRMDP) | *Client*<br><br>Cyclic and Reactive Maintenance Delivery Plan (CRMDP) | |
| 2. | Concept of Delivery | *Client*<br><br>Concept of Delivery | |
| 3. | Incident Response Plan (IRP) | *Client*<br><br>Incident Response Plan (IRP) | |
| 4. | Severe Weather Plan (SWP) | *Client*<br><br>Severe Weather Plan (SWP)<br><br>Severe Weather Plan Appendices | |
| 5. | Network Occupancy Requirements | *Client*<br><br>Network Occupancy Requirements | |
| 6. | Collaborative Performance Framework documents | *Client*<br><br>Collaborative Performance Framework | |

| Ref. | Publication | Published by / Available from | |
|---|---|---|---|
| 7. | Required Level of Service | *Service Manager*<br><br>Required Level of Service | |
| 8. | Severe Weather and Incident Response Performance Requirements | *Client*<br><br>Severe Weather and Incident Response Performance Requirements | |
| 9. | Lump Sum and Price List Specification | Asset Delivery M&R Specification | |

## 1.3. Amendments to Current and Area Specific Documents

1.3.1. Table 1.3 contains a list of additional requirements and/or amendments to the documents listed in Tables 1.1 and 1.2. Unless otherwise stated, these documents form Mandatory requirements, with which the Contractor complies. For ease of reference, the documents have been grouped into the following categories:

(1) **Interim Advice Notes (IAN)**

Note: The list of IAN in Table 1.3 reflect the latest governance surrounding issues which are not yet incorporated into other documents and are available from http://www.standardsforhighways.co.uk/ha/standards/ians/index.htm. IAN contain advice and guidance, as well as mandatory requirements which must be complied with.

(2) Chief Highway Engineer Memorandums (CHE Memos)

Note: The list of CHE Memos in Table 1.3 identifies further requirements which are additional to the IAN listing and carry the same mandatory compliance status. The CHE Memos are contained in a file attachment as part of the Tender Documents. Refer to Chief Highway Engineer Memorandums for details of CHE Memos.

**Table 1.3**

| **A. Interim Advice Notes** |
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| Ref | Document Title | Amendment Details | Comments / Remarks |
|---|---|---|---|
| 1 | Existing Dual Carriageway All-Purpose Trunk Road Network: Additional Requirements and Relaxations | 198/17 | Read in conjunction with IAN 149/17 |
| 2 | Chamber Access Covers: Programme of Assessment/Upgrading Works for Accesses Located in a Running Lane | 197/17 | |
| 3 | Schemes in Design or Construction: Handling of chamber access covers that may be located in running lanes. | 196/17 | |
| 4 | Cycle traffic and the strategic road network | 195/16 | |
| 5 | Guidance on the management of risk when permitting traffic on planed asphalt surfaces | 194/16 | |
| 6 | Requirements for the provision of access arrangements on gantries | 193/16 | |
| 7 | Safety Governance for Highways England | 191/16 | Replaces<br>IAN 139 & IAN 151 |
| 8 | Guidance on Processes for Managing Fatigue in the Workplace | 190/16 | |
| 9 | Policy on managing fatigue in the workplace | 189/16 | |
| 10 | Guidance on Omission of Warning Lights (Road Danger Lamps) for Relaxation Works on Dual Carriageways | 188 | |

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| 11 | Use of a Convoy Control Vehicle for Controlling Traffic through Guide Islands at Relaxation Works on Dual Carriageways | 187/15 | |
| 12 | In-situ concrete barriers based on proprietary designs commercialised as products | 186/15 | Read in conjunction with IAN 177/14 and MCHW Series 100 |
| 13 | Updated traffic, air quality and noise advice on the assessment of link speeds and generation of traffic data into speed-bands for users of DMRB Volume 11, Section 3, Part 1 'Air Quality (HA207/07) and Volume 11, Section 3, Part 7 'Noise' (HD213/11) | 185/15 | |
| 14 | Highways Agency Data & CAD Standard | 184/16 | Supersedes IAN 184/14 |
| 15 | Environmental Management Plans | 183/14 | |
| 16 | Major Schemes: Enabling Handover into Operation and Maintenance | 182/14 | Supersedes IAN 165 |
| 17 | Guidance on the Use of Impact Protection Vehicles for Temporary Traffic Management. | 181/14 | Read in conjunction with: HTMA Guidance on TTM Vehicle Selection and Operation, Revision 7 |
| 18 | Guidance for the selection of remote controlled temporary traffic management signs for use on the Highways Agency trunk road and motorway network | 180/14 | |

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| 19 | Guidance on the Use of Vehicle Mounted High Level Variable Message Signs to provide advance warning of lane closures for Relaxation Works on Dual Carriageways with a Hard Shoulder | 179/14 | |
| 20 | Introduction of the Construction Products Regulation (EU) 305/2011 | 177/13 | |
| 21 | Guidance Note for the Production of an Appraisal Specification Report | 176/13 | |
| 22 | Compliance Risk Analysis Tool Ver 1.0 | 175/13<br><br>CRA | Supports IAN 175/13 |
| 23 | Updated advice on risk assessment related to compliance with the EU Directive on ambient air quality and on the production of Scheme Air Quality Action Plans for users of DMRB Volume 11, Section 3, Part 1 'Air Quality (HA207/07) | 175/13 | |
| 24 | Updated advice for evaluating significant local air quality effects for users of DMRB Volume 11, Section 3, Part 1 'Air Quality (HA207/07) | 174/13 | |
| 25 | Implementation of BD 97/12 - The Assessment of Scour and Other Hydraulic Actions at Highway Structures | 173/13 | |
| 26 | Ash dieback – Chalara fraxinea | 172/13 | |
| 27 | Risk-based Inspection Intervals<br><br>(Risk Assessment Questionnaire) | 171/12 RAQ | Supports IAN 171/12 |
| 28 | Updated air quality advice on the assessment of future NOx and $NO_2$ projections for users of DMRB Volume 11, Section 3, Part 1 'Air Quality | 170/12 v3 | Supersedes IAN 170/12 r1 |

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| 29 | Highways Agency Long Term Gap Analysis Calculator | 170/12<br><br>HA LTCalc | |
| 30 | Temporary Cover Plates over Bridge Expansion Joints | 169/12<br><br>Rev 1 | Supersedes<br><br>IAN 169/12 |
| 31 | Strategy for the repair/replacement of Bridge Expansion Joints | 168/12 | |
| 32 | Guidance for the removal of road lighting | 167/12<br><br>Rev 1 | Supersedes<br><br>IAN 167/12 |
| 33 | Highways Agency Road Death Investigation (RDI) Guidance (Revision 2) | 166/14 | Supersedes IAN 166/13 |
| 34 | Managed Motorway - All Lane Running – Economic Assessment | 164/12<br><br>Rev 1 | Supersedes IAN 164 |
| 35 | Alternative Entry Taper at relaxation scheme temporary traffic management on high speed roads | 163/12 | Supersedes AMM 125/10 |
| 36 | Smart Motorways | 161/15 | Supersedes IAN 161/13 |
| 37 | Appraisal of Technology Schemes | 160/12 Rev 1 | Supersedes IAN 160 |
| 38 | Guidance Note for Traffic Consultants on the Economic Assessment of MM-HSR Schemes | 159/12 | |
| 39 | Maintenance Assessment Procedure | 158/12 | |
| 40 | Thin Surface Course Systems - Installation And Maintenance | 157/11 | Supersedes Chapter 6 of HD 37 |
| 41 | Revision of Aggregate Specification for Pavement Surfacing | 156/16R1 | Replaces<br><br>IAN 156/16 |

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| 42 | The use of Ultra Thin Surfacing on the HA Network – Amendment to Appendix 7/1 requirements | 155/12 | |
| 43 | Revision of Clause 903, Clause 921 and Clause 942 | 154/12 | |
| 44 | Guidance on the Environmental Impact Assessment of Materials | 153/11 | Supplements HA 200/08 |
| 45 | Road Safety Audits – compliance with EC Directives | 152/11 | |
| 46 | Guidance on Alternative Temporary Traffic Management Techniques for Relaxation Works on Dual Carriageways | 150/16 | Supersedes IAN 150/15 |
| 47 | Existing Motorways: Additional Requirements and Relaxations | 149/17 | Supersedes IAN 149/11 |
| 48 | Drainage Surveys and Data | 147/12 | (SD 15 and HD 43) |
| 49 | Directional signs on Motorway and all-purpose Trunk roads At grade and compact Grade separated junctions | 145/16 | |
| 50 | Directional signs on Motorway and all-purpose Trunk roads Grade separated junctions | 144/16 | |
| 51 | Supplementary Advice and requirements for the Provision for Non-Motorised Users and Accessibility during planning, design, construction and handover of Improvement Schemes | 143/11 | |
| 52 | Temporary Barrier Decision Tool (TBDT) | 142/11 | |

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| 53 | Assessment of Implications (of Highways and/or Roads Projects) on European Sites (Including Appropriate Assessment) and the Planning Act 2008 | 141/11 | |
| 54 | The use of stepped speed limits at roadworks | 137/10 | |
| 55 | Structural safety reporting | 136/10 | |
| 56 | Landscape and visual effects assessment | 135/10 | |
| 57 | Interim Guidance for Highways Agency on Planning Act 2008 | 134/10 | |
| 58 | Environmental Assessment and the Planning Act 2008 | 133/10 | |
| 59 | Selection of the appropriate Electricity Supplier for new and upgraded electricity connections (Exit Points) for roadside equipment | 132/11 | |
| 60 | Deflection of Permanent Formwork | 131/11 | |
| 61 | Ecology and Nature Conservation: Criteria for Impact Assessment | 130/10 | |
| 62 | Travel Demand Management Guidance –<br><br>High Occupancy Vehicle Gates | 129/10 | |
| 63 | Highways Agency Supply Chain Health and Safety Incident Reporting | 128/15/A | Supersedes<br><br>IAN 128/15 |
| 64 | The use of foamed concrete | 127/10 Rev. 1 | Supersedes IAN 127/10 |
| 65 | Reporting of Determination and Publication of Notices | 126/15 | Supersedes IAN 126/09 |

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| 66 | Supplementary guidance for users of DMRB Volume 11 'Environmental Assessment' | 125/15 | Supersedes IAN 125/09 |
| 67 | Eurocodes: Implementation of Eurocodes for the design of new and existing highway structures. | 124/11 | |
| 68 | Rapid Condition Assessment of Hard Shoulder Pavements. Interim guide to data and maintenance advice | 122/09 | |
| 69 | Advice regarding implementation of Integrated Traffic Management | 121/09 | |
| 70 | Certification of combined kerb and drainage products | 117/08<br>Rev.2 | Supersedes IAN 117/08 Rev 1 |
| 71 | Nature conservation advice in relation to bats | 116/08 | |
| 72 | Requirements and Guidance for Works on the Hard Shoulder and Road Side Verges on High Speed Dual Carriageways | 115/08 Rev 2 | Supersedes IAN 115r1 |
| 73 | Highways Agency Carbon Calculation and Reporting Requirements | 114/08 | |
| 74 | Temporary Automatic Speed Camera System for the Enforcement of Mandatory Speed Limits at Roadworks (TASCAR) | 113/08 | |
| 75 | Managed Motorway Implementation Guidance –<br>Through Junction Hard Shoulder Running [PR 100/08] | 112/08 | |
| 76 | Managed Motorway Implementation Guidance –<br>Dynamic Use of Hard Shoulder [PR 99/08] | 111/09 | Supersedes<br>IAN 111/08 |

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| 77 | Advice Regarding the Motorway Signal Mark 4 (MS4) | 109/08 | |
| 78 | Guidance Note for Traffic Consultants Employed on Highways Agency Schemes | 106/08 | |
| 79 | Implementation of Construction (Design and Management) 2007 and the withdrawal of SD 10 and SD 11 | 105/08 | |
| 80 | The Anchorage of Reinforcement & Fixings in Hardened Concrete | 104/15 | Supersedes IAN 104/07 |
| 81 | Ramp metering | 103/08 | Supersedes IAN 66/05 |
| 82 | Cultural Heritage Asset Management Plans | 100/07 | Read in conjunction with IAN 84/07 |
| 83 | Implementation of Local Grid Referencing System for England | 099/07 | Read in conjunction with SD 12/96 |
| 84 | HD 28 - Guidance for HA Service Providers on Implementing the Skid Resistance Policy | 098/07 | |
| 85 | Assessment and upgrading of existing parapets | 097/07 | Supersedes TD 19/06 (In Part)<br>BA 37/92<br><br>IAN 72/06 |
| 86 | Guidance On Implementing Results Of Research On Bridge Deck Waterproofing | 096/07r1 | Read in conjunction with BD 47/99 |
| 87 | Interim Advice on the identification of ‘Particularly at Risk’ Supports | 091/07 | |
| 88 | Guidance For The Use Of Rapid Setting Emergency Repair Materials | 090/07<br><br>Amnt 1 | Replaces IAN 90/07 |

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| 89 | Environmental Information System (EnvIS).<br><br>Look up tables ( Version 010313 ) | 084/10<br><br>LUT 2013 | Supporting IAN 84/10 |
| 90 | Environmental Information System (EnvIS).<br><br>Part 1. Introduction | 084/10<br><br>Part 1 | Read in conjunction with Vol 10 DMRB |
| 91 | Environmental Information System (EnvIS).<br><br>Part 2. Environmental Inventory | 084/10<br><br>Part 2 | Read in conjunction with Vol 10 DMRB |
| 92 | Environmental Information System (EnvIS).<br><br>Part 3. Environmental Management Information | 084/10<br><br>Part 3 | Read in conjunction with Vol 10 DMRB |
| 93 | Environmental Information System (EnvIS).<br><br>Part 4. Data Management. Amendment 2 | 084/10<br><br>Part 4 Amnt 2. | Read in conjunction with Vol 10 DMRB |
| 94 | Code of Practice for Emergency Access to and Egress from the Trunk Road Network in England | 075/06 | Read conjunction with IAN 68 |
| 95 | Design of Pavement Foundations | 073/09<br><br>Rev.1 | Draft HD 25/xx |
| 96 | Designing for Maintenance | 069/15 | Supersedes IAN 69/14 |
| 97 | Infrastructure changes to improve emergency access to and egress from the trunk road network in England | 068/05 | Read conjunction with IAN 75 |
| 98 | Driver Information At Road Works | 064/05 | |
| 99 | Maintenance Of Traffic Signs With Dew Resistant Coatings | 056/04 | Read in conjunction with TD 25/01 |

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| 100 | Concrete Half-Joint Deck Structures | 053/04 | |
| 101 | Use of Warning Signs For New Asphalt Road Surfaces | 049/13 | Supersedes IAN 49/03 |
| 102 | The Use and Application of Micro-Simulation Traffic Models | 036/01 | |
| 103 | TD 37/93 Scheme Assessment Reporting | 001/95 | |
| **B. Index Of Chief Highway Engineer's Memorandum (CHE Memos)** | | | |
| **Ref** | **Document Title** | **Amendment Details** | **Comments / Remarks** |
| 104 | Delay in Implementation of Structures Inspector Competence Certification Requirements | 412/17 | |
| 105 | Use of Speed Cameras on the Strategic Road Network | 411/17 | |
| 106 | Installation of electrocution warning signs | 410/17 | |
| 107 | Hidden Critical Structural Components | 407/17 | |
| 108 | Implementation of Structures Inspector Competence Certification Requirements | 406/17 | |
| 109 | Wrong Way Driving: Mitigation Toolkit | 405/17 | |
| 110 | Requirements for reporting breaches and potential breaches of the Environmental Protection Act (1990) and other environmental legislation | 394/16 | |
| 111 | Technical Approval Procedures | 393/16 | |
| 112 | The Design, Construction, Inspectin and Maintenance of Traffic Signs | 392/16 | |

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| 113 | To advise OD Delivery Teams and Service Providers of the Structures Inspections Review Project | 391/16 | |
| 114 | Safety Alert – Philips Luma 2 & 3 Luminaires | 385/16 | |
| 115 | Safety Alert - SAPA Passively safe lighting columns | 379/16 | |
| 116 | Smart Motorways All Lanes Highways England Digital Compliance System 3 (HADECS 3) | 378/16 | Supersedes<br>CHE Memo 322 |
| 117 | New AMOR Version Introducing a revised departure process for Network Occupancy | 374/16 | Updates current AMOR requirements |
| 118 | Secondary Restraints for All Version 2 AMIs | 366/15 | |
| 119 | AMOR Introducing mandatory requirements for the management of cat and dog fatalities. | 365/15 | |
| 120 | The status of BS EN 124:2015 - Gully tops and manhole tops for vehicular and pedestrian areas. | 363/15 | Read in conjunction with IAN 177 |
| 121 | Structural inspection of gantries and masts | 361/15 | |
| 122 | Techspan Version 2 Advanced Motorway Indicator Bracket Replacement | 359/15 | Read in conjunction with CHE Memo 355/15 |
| 123 | Management of post-tensioned concrete bridges | 357/15 | |
| 124 | Product conformity certification requirements for ready mixed concrete | 356/15 | |

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| 125 | Safety Alert – Techspan Version 2 Advanced Motorway Indicators (AMIs) | 355/15 | |
| 126 | Urgent Safety Alert - SAPA Passively safe lighting columns | 353/15 | Read in conjunction with CHE Memo 317/13 |
| 127 | Reporting of Metal and Plant Theft | 350/15 | |
| 128 | Performance of combined kerb drainage | 320/13 | |
| 129 | Safety Alert – SAPA Passively safe lighting columns | 317/13 | |
| 130 | GD 4/12 Safety Risk Assessment on the Strategic Road Network (SRN) | 302/12 | Read in conjunction with GD 4/12 |
| 131 | Designation of assets for flood risk management purposes | 299/12 | |
| 132 | Traffic Signal Poles – ensuring appropriate design standards have been used | 295/12 | |
| 133 | MCH1514 Code of Connection | 294/12 | |
| 134 | Precast concrete copings on bridges | 279/12 | |
| 135 | Procedure for the Use of Variable Message Signs and MIDAS for Short Duration Static Roadworks | 257/10 | |
| 136 | Policy for issuing Penalty Points in current DBFO<br><br>Contracts | 251/10 | |
| 137 | Matrix Signs on Gantries | 228/08 | |

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| 138 | The Impregnation Of Reinforced And Prestressed Concrete Highway Structures Using Hydrophobic Pore-Lining Impregnants | 227/08 | |
| 139 | Environmental Noise Directive and Environmental Noise Regulations – Publication of Road Noise Maps | 225/08 | |
| 140 | National Highway Sector Scheme 18 – The Environment And Landscape Including Ecology | 221/08 | |
| 141 | SAFETY ALERT – Incorrectly Installed Component | 218/08r1 | Supersedes CHE 218/08 |
| 142 | SAFETY ALERT – Safe Systems Of Work | 217/08r1 | Supersedes CHE 217/08 |
| 143 | Advice In Relation To The Conservation (Natural Habitats, & C.) (Amendment) Regulations 2007 (SI 2007/1843) | 216/08 | |
| 144 | National Highway Sector Scheme 19A – Corrosion Protection of Ferrous Materials By Industrial Coatings | 213/07 | |
| 145 | Update to the Guide for Design Management and Delivery of Pilots and Trials | 212/07 | |
| 146 | Advice in Relation to Avian Flu | 209/07 | Supersedes CHE 168/06 |
| 147 | Structure Health Check Reports | 207/07 | |
| 148 | Safety and Congestion at Road Works; applying the correct temporary speed limits and signing | 203/07 | |
| 149 | Road Markings – Water Regulations. Glass Beads with Arsenic and other Heavy Metal/Metalloid Content. | 197/07 | Read in conjunction with CHE 186/07 |

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| 150 | SMIS Resilience assessment | 195/07 | |
| 151 | Substandard Parapet Connections | 193/07 | |
| 152 | Road Markings – Glass Beads With High Metal Content – Water Regulations | 186/07 | |
| 153 | Creation Of Database Of Manual Classified Count (MCC) Results | 183/07 | |
| 154 | Active Road Studs – SA 1/06 (MCHW Volume 0) | 182/07 | |
| 155 | Damage to suspension and cable stayed structures | 181/07 | |
| 156 | Managing Half – Joint Deck Structures | 177/06 | Read in conjunction with IAN 53/04 |
| 157 | Key actions for the review of signing at safety camera sites | 169/06 | |
| 158 | Key Actions For Implementation Of Safety Cameras At Road Works | 161/06 Rev 1 | Read in conjunction with - Safety Camera Partnership Guidance |
| 159 | The Introduction Of The Institute Of Highway Incorporated Engineers (IHIE) - *Guidelines for Motorcycling* | 159/05 | Read in conjunction with IHIE Guidelines for motorcycling |

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| 160 | Introducing: Guidelines for Designers – Departures from Road Geometry Standards (DMRB Volume 6) | 157/05 | Read in conjunction with: Departures from Road Geometry Standards (DMRB Volume 6) – Guidelines for Designers |
| 161 | SafeNET – Accident Prediction Software For Road Networks | 154/05 | |
| 162 | Inspection And Maintenance Of Gifford Truss Portal Gantries Mesh Tie Fixings | 149/05 | Read in conjunction with CHE 172/06 Related to BD 51 Clause 6.6 & 6 .7 |
| 163 | Second Stage Risk Ranking And The Risk Assessment Of Road Over Rail Bridges On Motorways And All-Purpose Trunk Roads | 125/03 | Supersedes CHE 114 |
| 164 | DTLR Planning Policy Guidance Note 25: Development and Flood Risk | 110/02 | Office of Deputy Prime Minister |
| 165 | Inspection and Maintenance of Traffic Signs on Motorways and All-Purpose Roads | 107/02 | |
| 166 | Departures Approval System | 106/01 | |
| 167 | The Safe Operation of Permanent Moveable Under-deck Bridge Access Gantries. | 090/00 | |

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| 168 | Outline Approval in Principle for Scaffold Guard Structures over Motorways and other Trunk Roads | 015/94 | |
| 169 | Trafficmaster Driver Information System - Installation and Maintenance (motorway gantries) | 013/94 | |
| 170 | Trafficmaster Driver Information System - Installation and Maintenance (overbridges) Amendment No. 1 | 012/93 Amend 1 | |

**Also refer to:**

Amendments to the Manual of Contract Documents for Highway Works - Document Control Sheet