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: 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

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 https://www.gov.uk/government/publications/highways-england-strategic-business-plan-2015-to-2020	

2	Highways England: Delivery Plan 2015-2020	*Client's* Website https://www.gov.uk/government/publications/highways-england-delivery-plan-2015-2020	
3	Road investment strategy: 2015 to 2020	*Client's* Website 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 https://www.gov.uk/government/publications/highways-agency-information-strategy	
5	Highways England Sustainable Development Strategy	*Client* Sustainable development strategy	
6	Highways England Environment Strategy	*Client* Environment Strategy	
7	Highways England – Procurement Strategy	*Client* https://www.gov.uk/government/organisations/highways-england/about/procurement	

8	National and Local Environmental Strategies and Policies (including: Environment Strategy, Managing our Approach to Environmental Performance and Environment Action Plan.	*Client's* Website 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 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* Company Records Policy	
11	Highways England Information Assurance Policy	*Client* Information Assurance Policy	
12	Highways England – Visual identity – Requirements for our suppliers	*Client* HE Visual Identity Guidelines	
13	National Planning Policy Framework	Planning Portal Website http://www.planningportal.gov.uk/planning/planningpolicyandlegislation/about/ppsppg	
14	Highways England Licence	*Client*	
15	Highways England Biodiversity Plan	*Client* https://www.gov.uk/government/publications/biodiversity-plan	

16	Data Handling Policy for Supply Chains	*Client* 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 https://www.gov.uk/government/publications/security-policy-framework	
18	HMG Baseline Personnel Security Standard (Version 3.1 – April 2012	Cabinet Office Website https://www.gov.uk/government/publications/security-policy-framework	
19	Lean Benefits Realisation Guide	*Client* Lean Benefits Realisation Guide	
20	Aiming for Zero	*Client's* Website https://www.gov.uk/government/collections/roadworker-safety-highways-agencys-aiming-for-zero-programme	
21	Strategic Framework for Road Safety	DfT website https://www.gov.uk/government/publications/strategic-framework-for-road-safety	
22	Managing Down Cost (MDC) Toolkit	*Client's* Website http://www.highways.gov.uk/specialist-information/highways-agency-toolkits/	

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

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

36	Circular Planning	Communities and Local Government Website https://www.gov.uk/government/organisations/department-for-communities-and-local-government/series/planning-circulars	
37	DfT Guidance on Transport Assessments	DfT Website 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 http://www.dft.gov.uk/ha/standards/	
39	Manual of Contract Documents for Highway Works	DfT Standards for Highways Website http://www.dft.gov.uk/ha/standards/	
40	Network Delivery and Development Portfolio Control Framework (NDD PCF)	*Client* Network Delivery and Development Portfolio Control Framework	
41	Technology Management and Maintenance Manual (TMMM)	*Client* 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 https://www.gov.uk/government/publications/traffic-signs-manual	

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

53	Guidance on Deployment of Airwave for Highways England's Service Provider	*Client* Guidance on Deployment of Airwave	
54	Guidance on Transfer & Commissioning of Traka Intelligent Lockers at change of Service Provider	*Client* 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* Guidance to Service Providers	
56	ISU Terminal Return Process	*Client* ISU Terminal Return Process	
57	Synopsis of Airwave use by Area Service Provider	*Client* Synopsis of Airwave use	
58	CCTV Guidance	*Client*	
59	HAPMS Visual Survey Manual	*Client* Contact details: HAPMS@highwaysengland.co.uk	
60	SMIS User Guidance	*Client* SMIS User Guide	
61	Energy Savings Plan Guidance	*Client* Energy Savings Plans v2 Feb2018	

62	Asset Data Management Manual (ADMM)	*Client* Asset Data Management Manual (ADMM)	
63	Asset Management Policy	*Client* Asset Management Policy	
64	Highways England Metal Theft Toolkit	*Client* Requirement and guidance for new schemes to perform a metal theft risk assessment 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 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 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	

69	Local Transport Notes	DfT Website 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 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 Value for Money Guidance Manual	
74	The Appearance of Bridges and Other Highway Structures	The Construction Information Service Website 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	

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* 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* Cyclic and Reactive Maintenance Delivery Plan (CRMDP)	
2.	Concept of Delivery	*Client* Concept of Delivery	
3.	Incident Response Plan (IRP)	*Client* Incident Response Plan (IRP)	
4.	Severe Weather Plan (SWP)	*Client* Severe Weather Plan (SWP) Severe Weather Plan Appendices	
5.	Network Occupancy Requirements	*Client* Network Occupancy Requirements	
6.	Collaborative Performance Framework documents	*Client* Collaborative Performance Framework	

Ref.	Publication	Published by / Available from	
7.	Required Level of Service	*Service Manager* Required Level of Service	
8.	Severe Weather and Incident Response Performance Requirements	*Client* 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

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 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	

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	

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 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 (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

29	Highways Agency Long Term Gap Analysis Calculator	170/12 HA LTCalc	
30	Temporary Cover Plates over Bridge Expansion Joints	169/12 Rev 1	Supersedes 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 Rev 1	Supersedes 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 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 IAN 156/16

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	

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 – High Occupancy Vehicle Gates	129/10	
63	Highways Agency Supply Chain Health and Safety Incident Reporting	128/15/A	Supersedes 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

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 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 – Through Junction Hard Shoulder Running [PR 100/08]	112/08	
76	Managed Motorway Implementation Guidance – Dynamic Use of Hard Shoulder [PR 99/08]	111/09	Supersedes IAN 111/08

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) BA 37/92 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 Amnt 1	Replaces IAN 90/07

89	Environmental Information System (EnvIS). Look up tables (Version 010313)	084/10 LUT 2013	Supporting IAN 84/10
90	Environmental Information System (EnvIS). Part 1. Introduction	084/10 Part 1	Read in conjunction with Vol 10 DMRB
91	Environmental Information System (EnvIS). Part 2. Environmental Inventory	084/10 Part 2	Read in conjunction with Vol 10 DMRB
92	Environmental Information System (EnvIS). Part 3. Environmental Management Information	084/10 Part 3	Read in conjunction with Vol 10 DMRB
93	Environmental Information System (EnvIS). Part 4. Data Management. Amendment 2	084/10 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 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

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	

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 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	

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 Contracts	251/10	
137	Matrix Signs on Gantries	228/08	

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

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

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	

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