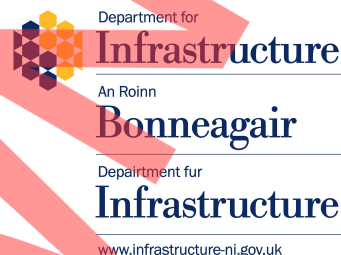


Design Manual for Roads and Bridges



General Principles & Scheme Governance

General Information

GG 000

Design Manual for Roads and Bridges index

30-Sep-2024

Summary

This document contains the current index of Design Manual for Roads and Bridges (DMRB) documents as of the date of publication, superseding the previous version of GG 000. A full summary of changes incorporated is included within the publication summary.

Feedback and Enquiries

Users of this document are encouraged to raise any enquiries and/or provide feedback on the content and usage of this document to the dedicated National Highways team. The online feedback form for all enquiries and feedback can be accessed at: www.standardsforhighways.co.uk/feedback.

This is a controlled document.

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1 RELEASE NOTES

1.1 Latest publication

Date	Details of amendments
30-Sep-2024	Amends and supersedes index dated 31-Jul-2024

1.2 Previous publications (in the last 2 years)

Date	Details of amendments
31-Jul-2024	Amends and supersedes index dated 28-Jun-2024
28-Jun-2024	Amends and supersedes index dated 31-May-2024
31-May-2024	Amends and supersedes index dated 30-Apr-2024
30-Apr-2024	Amends and supersedes index dated 29-Feb-2024
29-Feb-2024	Amends and supersedes index dated 31-Jan-2024
31-Jan-2024	Amends and supersedes index dated 31-Dec-2023
31-Dec-2023	Amends and supersedes index dated 30-Nov-2023
30-Nov-2023	Amends and supersedes index dated 31-Oct-2023
31-Oct-2023	Amends and supersedes index dated 15-Oct-2023
15-Oct-2023	Amends and supersedes index dated 30-Sep-2023
30-Sep-2023	Amends and supersedes index dated 31-Jul-2023
31-Jul-2023	Amends and supersedes index dated 29-Jun-2023
29-Jun-2023	Amends and supersedes index dated 31-May-2023
31-May-2023	Amends and supersedes index dated 30-Apr-2023
30-Apr-2023	Amends and supersedes index dated 28-Feb-2023
28-Feb-2023	Amends and supersedes index dated 31-Jan-2023
31-Jan-2023	Amends and supersedes index dated 30-Dec-2022
30-Dec-2022	Amends and supersedes index dated 30-Nov-2022
30-Nov-2022	Amends and supersedes index dated 31-Oct-2022
31-Oct-2022	Amends and supersedes index dated 29-Sep-2022

2 FOREWORD

2.1 Publishing information

This document is published by National Highways.

This document superseded GG 000, which is withdrawn.

2.2 Contractual and legal considerations

This document forms part of the works specification. It does not purport to include all the necessary provisions of a contract. Users are responsible for applying all appropriate documents applicable to their contract.

WITHDRAWN

3 SCOPE

This document lists, by discipline and asset lifecycle, an index of the documents in the DMRB and their date of issue. All information is correct as of September 2024.

WITHDRAWN

4 PUBLICATION SUMMARY

Changes introduced in this revision of the index of DMRB documents.

4.1 Published

The following documents have been published since the last DMRB publication:

1.

GD 300 Version 2.1.0 - Enhanced all-purpose dual carriageways

Release notes:

Revision 2.1.0 (Publication: **Date September 2024**) The term 'expressway' has been replaced by 'enhanced all-purpose dual carriageway'. The new term better reflects the nature of the requirements/advice prescribed by GD 300, which represent enhancements over the conventional all-purpose dual carriageway baseline. Revision 2 (April 2020) This revision is for minor administrative changes to the England NAA. See the England NAA revision release notes for more details. Revision 1 (March 2020) This revision includes updates to the Highways England National Application Annex focused on the provision of additional advice for level 1 to 4 schemes. Superseded references have also been updated. Revision 0 (May 2019) GD 300 document created to outline design requirements and advice for new and upgraded all-purpose trunk roads (expressways). This full document has been written to comply with the new Highways England drafting rules.

Supersedes:

1. GD 300 Revision 2 - Requirements for new and upgraded all-purpose trunk roads (expressways)
2.

GG 000 30-Sep-2024 - Design Manual for Roads and Bridges index

Release notes:

Amends and supersedes index dated 31-Jul-2024

Supersedes:

1. GG 000 31-Jul-2024 - Design Manual for Roads and Bridges index
3.

GG 111 Version 1.0.0 - Diversionary works

Release notes:

[Version 1.0.0; Pub. date TBC] New document to replace documents SA 10 and SA 11. See Summary.
4.

TA 121 Version 0.0.1 - Ramp metering

Release notes:

To reflect company name change from Highways England to National Highways and amendment to NOTE 2.2.1. Minor word changes in Appendix to comply with MDD rules. {Publication: September 2024}

4.2 Withdrawn

The following documents have been withdrawn since the last DMRB publication:

1.

GD 300 Revision 2 - Requirements for new and upgraded all-purpose trunk roads (expressways)

Release notes:

No release notes provided

Superseded by:

1. GD 300 Version 2.1.0 - Enhanced all-purpose dual carriageways
2.

GG 000 31-Jul-2024 - Design Manual for Roads and Bridges index

Release notes:

No release notes provided

Superseded by:

1. GG 000 30-Sep-2024 - Design Manual for Roads and Bridges index

5 INDEX OF DMRB DOCUMENTS

5.1 General Principles & Scheme Governance (G* 100-199)

5.1.1 GG - General Information

Document Reference	Version	Title	Date of Issue
GAMP		General Asbestos Management Plan	May-11
GG 000	30-Sep-2024	Design Manual for Roads and Bridges index	30-Sep-2024
GG 101	Version 0.1.0	Introduction to the Design Manual for Roads and Bridges	29-Sep-2021
GG 102	Revision 0	Quality management systems for highway works	May-19
GG 103	Revision 0	Introduction and general requirements for sustainable development and design	Jul-19
GG 104	Revision 0	Requirements for safety risk assessment	Jun-18
GG 105	Revision 0	Asbestos management	Jan-20
GG 111	Version 1.0.0	Diversionary works	30-Sep-2024
GG 115	Revision 0	Requirements for works on the hard shoulder and road side verges on high speed dual carriageways	Mar-20
GG 116	Revision 0	Requirements and guidance on temporary traffic management short term lane closures for relaxation works, types 0, 1 and 2	Mar-20
GG 117	Version 1.0.1	The design and implementation of temporary traffic management and road works	29-Feb-2024
GG 119	Revision 2	Road safety audit	Jan-20
GG 128	Version 1.0.0	Requirements for reporting incidents, events and undesirable circumstances: health, safety, wellbeing, structural and environmental	30-Nov-2022
GG 142	Revision 0	Walking, cycling and horse-riding assessment and review	Nov-19
GG 182	Revision 1	Major schemes: Enabling handover into operation and maintenance	Mar-20
GG 184	Revision 0	Specification for the use of Computer Aided Design	Feb-20
GG 901	Version 1.0.0	Customer service standard for the quality and timeliness of responses to customer contact	30-Jun-2021
GG 902	Version 1.0.0	Customer service standard for accurate advance notification of planned closures	30-May-2022
GG 903	Revision 0	Customer service standard for diversion routes for unplanned events	Aug-20
GG 906	Version 1.0.0	Customer service standard for scheme billboards	29-Apr-2021
GG 907	Version 1.0.1	Customer service standard for diversion routes for planned works and activities	30-Aug-2021
GG 910	Version 1.0.0	Customer Service Standard - Reducing litter	31-Jul-2024
GG 951	Version 1.0.0	General requirements for geomatical surveys	30-Aug-2021
GG 953	Version 1.0.0	Local grid layout for England digital map	30-Aug-2021
GG 954	Version 1.0.1	Drones operations	30-Sep-2023

5.1.2 GA - Appraisal

There are no Appraisal documents associated with this discipline.

5.1.3 GD - Design

Document Reference	Version	Title	Date of Issue
GD 300	Version 2.1.0	Enhanced all-purpose dual carriageways	30-Sep-2024
GD 301	Version 0.0.1	Smart motorways	30-Dec-2021
GD 304	Revision 2	Designing health and safety into maintenance	Mar-20
GD 368	Revision 0	Infrastructure requirements for emergency access and egress from motorway and all-purpose trunk roads	Mar-20
GD 904	Revision 0	The use of highest safe speed limits including advice on using 60mph at/through road works	Nov-20

5.1.4 GC - Construction

There are no Construction documents associated with this discipline.

5.1.5 GM - Maintenance & Operation

Document Reference	Version	Title	Date of Issue
GM 701	Revision 1	Asset delivery asset maintenance requirements	Mar-20
GM 702	Version 0.1.1	Operational requirements for network occupancy	30-Nov-2023
GM 703	Revision 0	Operational requirements for incident management	Apr-20
GM 704	Revision 0	Operational requirements for severe weather	Apr-20

5.1.6 GS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
GS 801	Revision 1	Asset delivery asset inspection requirements	Mar-20
GS 952	Version 1.0.0	Requirements for topographical surveys	30-Aug-2021

5.1.7 GZ - Disposal

There are no Disposal documents associated with this discipline.

5.2 Sustainability & Environment (L* 100-199)

5.2.1 LG - General Information

There are no General Information documents associated with this discipline.

5.2.2 LA - Appraisal

Document Reference	Version	Title	Date of Issue
LA 101	Revision 0	Introduction to environmental assessment	Jul-19
LA 102	Revision 0	Screening projects for Environmental Impact Assessment	Jul-19
LA 103	Revision 1	Scoping projects for environmental assessment	Jan-20
LA 104	Revision 1	Environmental assessment and monitoring	Aug-20
LA 105	Revision 0	Air quality	Nov-19
LA 105	Version 0.1.0	Air quality	28-Jun-2024
LA 106	Revision 1	Cultural heritage assessment	Jan-20
LA 107	Revision 2	Landscape and visual effects	Feb-20
LA 108	Revision 1	Biodiversity	Mar-20
LA 109	Revision 0	Geology and soils	Oct-19
LA 110	Revision 0	Material assets and waste	Aug-19
LA 111	Revision 2	Noise and vibration	May-20
LA 112	Revision 1	Population and human health	Jan-20
LA 113	Revision 1	Road drainage and the water environment	Mar-20
LA 114	Version 0.0.1	Climate	30-Jun-2021
LA 115	Revision 1	Habitats Regulations assessment	Jan-20
LA 116	Revision 0	Cultural heritage asset management plans	Sep-19
LA 120	Revision 1	Environmental management plans	Mar-20

5.2.3 LD - Design

Document Reference	Version	Title	Date of Issue
LD 117	Revision 0	Landscape design	Mar-20
LD 118	Revision 0	Biodiversity design	Mar-20
LD 119	Revision 0	Roadside environmental mitigation and enhancement	Mar-20

5.2.4 LC - Construction

There are no Construction documents associated with this discipline.

5.2.5 LM - Maintenance & Operation

There are no Maintenance & Operation documents associated with this discipline.

5.2.6 LS - Inspection & Assessment

There are no Inspection & Assessment documents associated with this discipline.

5.2.7 LZ - Disposal

There are no Disposal documents associated with this discipline.

5.3 Road Layout (C* 100-199)

5.3.1 CG - General Information

Document Reference	Version	Title	Date of Issue
CG 152	Revision 0	Traffic signs to tourist destinations and leisure facilities	Oct-19
CG 153	Revision 0	Traffic signs to retail destinations and exhibition centres	Oct-19

5.3.2 CA - Appraisal

Document Reference	Version	Title	Date of Issue
CA 185	Revision 0	Vehicle speed measurement	Nov-19

5.3.3 CD - Design

Document Reference	Version	Title	Date of Issue
CD 109	Revision 1	Highway link design	Mar-20
CD 116	Version 2.1.0	Geometric design of roundabouts	31-May-2023
CD 122	Version 1.1.1	Geometric design of grade separated junctions	31-Jan-2022
CD 123	Version 2.1.0	Geometric design of at-grade priority and signal-controlled junctions	29-Nov-2021
CD 127	Version 1.0.1	Cross-sections and headrooms	29-Jul-2021
CD 143	Version 2.0.1	Designing for walking, cycling and horse-riding	30-Mar-2021
CD 146	Version 2.0.0	Positioning of signalling and advance direction signs	30-Sep-2023
CD 169	Version 1.1.0	The design of lay-bys, maintenance hardstandings, rest areas, service areas and observation platforms	30-Nov-2022
CD 192	Revision 1	The design of crossovers and changeovers	Jan-20
CD 193	Revision 2	Driver location signs	Feb-20
CD 195	Version 1.0.1	Designing for cycle traffic	30-Mar-2021

5.3.4 CC - Construction

There are no Construction documents associated with this discipline.

5.3.5 CM - Maintenance & Operation

Document Reference	Version	Title	Date of Issue
CM 125	Revision 1	Maintenance of traffic signs	Mar-20

5.3.6 CS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
CS 125	Revision 2	Inspection of traffic signs	Mar-20
CS 126	Version 0.1.0	Inspection and assessment of road markings and road studs	30-May-2022

5.3.7 CZ - Disposal

Document Reference	Version	Title	Date of Issue
CZ 125	Revision 1	Disposal of traffic signs	Mar-20

WITHDRAWN

5.4 Pavement (C* 200-299)**5.4.1 CG - General Information**

There are no General Information documents associated with this discipline.

5.4.2 CA - Appraisal

There are no Appraisal documents associated with this discipline.

5.4.3 CD - Design

Document Reference	Version	Title	Date of Issue
CD 224	Revision 0	Traffic assessment	Mar-20
CD 225	Revision 1	Design for new pavement foundations	Apr-20
CD 226	Version 0.1.0	Design for new pavement construction	29-Nov-2021
CD 227	Revision 0	Design for pavement maintenance	Mar-20
CD 236	Version 4.1.0	Surface course materials for construction	30-Dec-2022
CD 239	Revision 1	Footway and cycleway pavement design	Mar-20

5.4.4 CC - Construction

There are no Construction documents associated with this discipline.

5.4.5 CM - Maintenance & Operation

Document Reference	Version	Title	Date of Issue
CM 231	Revision 0	Pavement surface repairs	Mar-20

5.4.6 CS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
CS 228	Revision 2	Skidding resistance	Jan-21
CS 228 HE Crash Model	v1.02	Highways England Crash Model	Feb-21
CS 229	Revision 0	Data for pavement assessment	Mar-20
CS 230	Version 0.1.0	Pavement maintenance assessment procedure	30-Dec-2022

5.4.7 CZ - Disposal

There are no Disposal documents associated with this discipline.

5.5 Highway Structures & Bridges (C* 300-499)

5.5.1 CG - General Information

Document Reference	Version	Title	Date of Issue
CG 300	Version 0.1.0	Technical approval of highway structures	29-Apr-2021
CG 300 Assessment TAS	Version 0.9.0	Generic Assessment Technical Approval Schedule (TAS)	31-May-2024
CG 300 Design TAS	Version 1.28.0	Generic Design Technical Approval Schedule (TAS)	31-Jul-2024
CG 302	Revision 0	As-built, operational and maintenance records for highway structures	Mar-20
CG 303	Revision 0	Quality assurance scheme for paints and similar protective coatings	Feb-19
CG 304	Revision 0	Conservation of highway structures	Mar-20
CG 305	Revision 0	Identification marking of highway structures	Mar-20

5.5.2 CA - Appraisal

There are no Appraisal documents associated with this discipline.

5.5.3 CD - Design

Document Reference	Version	Title	Date of Issue
CD 350	Revision 0	The design of highway structures	Mar-20
CD 351	Revision 0	The design and appearance of highway structures	Mar-20
CD 352	Revision 0	Design of road tunnels	Mar-20
CD 353	Revision 0	Design criteria for footbridges	Mar-20
CD 354	Version 2.0.0	Design of minor structures	31-Jul-2024
CD 355	Revision 0	Application of whole-life costs for design and maintenance of highway structures	Jul-19
CD 356	Revision 1	Design of highway structures for hydraulic action	Mar-20
CD 357	Revision 1	Bridge expansion joints	Mar-20
CD 358	Version 2.4.0	Waterproofing and surfacing of concrete bridge decks	31-Mar-2022
CD 359	Revision 0	Design requirements for permanent soffit formwork	Mar-20
CD 360	Revision 2	Use of compressive membrane action in bridge decks	Mar-20
CD 361	Revision 0	Weathering steel for highway structures	Sep-19
CD 362	Revision 1	Enclosure of bridges	Mar-20
CD 363	Revision 0	Design rules for aerodynamic effects on bridges	Jan-20
CD 364	Revision 0	Formation of continuity joints in bridge decks	Mar-20
CD 365	Revision 1	Portal and cantilever signs/signals gantries	Mar-20
CD 366	Revision 0	Design criteria for collision protection beams	Mar-20
CD 367	Revision 0	Treatment of existing structures on highways widening schemes	Mar-20
CD 368	Revision 0	Design of fibre reinforced polymer bridges and highway structures	Feb-20
CD 369	Revision 0	Surface protection for concrete highway structures	Mar-20

CD 370	Revision 2	Cathodic protection for use in reinforced concrete highway structures	Apr-20
CD 371	Revision 0	Strengthening highway structures using fibre-reinforced polymers and externally bonded steel plates	Mar-20
CD 372	Revision 0	Design of post-installed anchors and reinforcing bar connections in concrete	Mar-20
CD 373	Revision 0	Impregnation of reinforced and prestressed concrete highway structures using hydrophobic pore-lining impregnants	Mar-20
CD 374	Revision 0	The use of recycled aggregates in structural concrete	Mar-20
CD 375	Revision 1	Design of corrugated steel buried structures	Mar-20
CD 376	Revision 0	Unreinforced masonry arch bridges	Mar-20
CD 377	Revision 4	Requirements for road restraint systems	Jan-21
CD 378	Revision 0	Impact test and assessment criteria for truck mounted attenuators	Feb-20

5.5.4 CC - Construction

There are no Construction documents associated with this discipline.

5.5.5 CM - Maintenance & Operation

Document Reference	Version	Title	Date of Issue
CM 430	Revision 0	Maintenance of road tunnels	Mar-20
CM 431	Revision 0	Maintenance painting of steelwork	Dec-19
CM 432	Revision 1	Maintenance of buried concrete box structures	Mar-20

5.5.6 CS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
CS 432	Revision 1	Inspection of buried concrete box structures	Mar-20
CS 450	Version 0.1.0	Inspection of highway structures	29-Apr-2021
CS 451	Revision 0	Structural review and assessment of highway structures	Mar-20
CS 452	Revision 0	Inspection and records for road tunnel systems	Mar-20
CS 453	Revision 0	The assessment of highway bridge supports	Mar-20
CS 454	Version 1.1.0	Assessment of highway bridges and structures	31-Oct-2022
CS 455	Version 1.1.1	The assessment of concrete highway bridges and structures	31-Oct-2022
CS 456	Revision 0	The assessment of steel highway bridges and structures	Mar-20
CS 457	Revision 1	The assessment of composite highway bridges and structures	Mar-20
CS 458	Revision 0	The assessment of highway bridges and structures for the effects of special type general order (STGO) and special order (SO) vehicles	Mar-20
CS 459	Revision 1	The assessment of bridge substructures, retaining structures and buried structures	Mar-20
CS 460	Version 1.0.1	Management of corrugated steel buried structures	30-Apr-2023

CS 461	Version 0.1.0	Assessment and upgrading of in-service parapets	31-Jan-2023
CS 462	Revision 0	Repair and management of deteriorated concrete highway structures	Mar-20
CS 463	Revision 0	Load testing for bridge assessment	Jun-19
CS 464	Revision 1	Non-destructive testing of highways structures	Mar-20
CS 465	Revision 0	Management of post-tensioned concrete bridges	Mar-20
CS 466	Revision 0	Risk management and structural assessment of concrete half-joint deck structures	Mar-20
CS 467	Revision 1	Risk management and structural assessment of concrete deck hinge structures	Apr-20
CS 468	Revision 1	Assessment of Freyssinet concrete hinges in highway structures	Mar-20
CS 469	Version 1.0.0	Management of scour and other hydraulic actions at highway structures.	30-Apr-2024
CS 470	Revision 0	Management of sub-standard highway structures	Mar-20

5.5.7

CZ - Disposal

There are no Disposal documents associated with this discipline.

5.6 Drainage (C* 500-599)**5.6.1 CG - General Information**

Document Reference	Version	Title	Date of Issue
CG 501	Version 2.1.0	Design of highway drainage systems	30-Aug-2022
CG 502	Revision 0	The certification of drainage design	Oct-19

5.6.2 CA - Appraisal

There are no Appraisal documents associated with this discipline.

5.6.3 CD - Design

Document Reference	Version	Title	Date of Issue
CD 521	Version 1.1.0	Hydraulic design of road edge surface water channels and outlets	29-Nov-2021
CD 522	Revision 0	Drainage of runoff from natural catchments	Mar-20
CD 523	Version 1.1.0	Determination of pipe roughness and assessment of sediment deposition to aid pipeline design	29-Nov-2021
CD 524	Version 0.1.0	Edge of pavement details	29-Nov-2021
CD 525	Revision 1	Design of combined surface and sub-surface drains and management of stone scatter	Mar-20
CD 526	Revision 3	Spacing of road gullies	Jan-20
CD 527	Revision 1	Sumpleless gullies	Mar-20
CD 528	Revision 0	Vortex separators for use with road drainage systems	Feb-20
CD 529	Version 1.0.1	Design of outfall and culvert details	30-Dec-2021
CD 530	Version 1.1.0	Design of soakaways	29-Nov-2021
CD 531	Version 0.1.0	Reservoir pavements for drainage attenuation	29-Nov-2021
CD 532	Version 0.1.0	Vegetated drainage systems for highway runoff	29-Nov-2021
CD 533	Version 1.1.0	Determination of pipe and bedding combinations for drainage works	30-Dec-2021
CD 534	Version 0.1.0	Chamber tops and gully tops for road drainage and services	30-May-2022
CD 535	Version 1.1.0	Drainage asset data and risk management	28-Oct-2021

5.6.4 CC - Construction

There are no Construction documents associated with this discipline.

5.6.5 CM - Maintenance & Operation

There are no Maintenance & Operation documents associated with this discipline.

5.6.6 CS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
CS 551	Version 1.0.0	Drainage surveys	28-Oct-2021

5.6.7 CZ - Disposal

There are no Disposal documents associated with this discipline.

5.7 Geotechnics (C* 600-699)**5.7.1 CG - General Information**

There are no General Information documents associated with this discipline.

5.7.2 CA - Appraisal

There are no Appraisal documents associated with this discipline.

5.7.3 CD - Design

Document Reference	Version	Title	Date of Issue
CD 622	Revision 1	Managing geotechnical risk	Mar-20

5.7.4 CC - Construction

There are no Construction documents associated with this discipline.

5.7.5 CM - Maintenance & Operation

There are no Maintenance & Operation documents associated with this discipline.

5.7.6 CS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
CS 641	Revision 0	Managing the maintenance of highway geotechnical assets	Mar-20

5.7.7 CZ - Disposal

There are no Disposal documents associated with this discipline.

5.8 Control & Communications Technology (T* 100-499)**5.8.1 TG - General Information**

Document Reference	Version	Title	Date of Issue
TG 411	Version 0.1.0	Electricity supply connections	31-Jan-2022

5.8.2 TA - Appraisal

Document Reference	Version	Title	Date of Issue
TA 101	Version 0.0.1	Traffic signalling systems	30-Aug-2022
TA 121	Revision 0	Ramp metering	Jan-20
TA 121	Version 0.0.1	Ramp metering	30-Sep-2024
TA 401	Version 1.0.0	Renewable energy systems appraisal	31-Oct-2023

5.8.3 TD - Design

Document Reference	Version	Title	Date of Issue
TD 101	Version 1.1.0	Traffic signalling systems (design)	30-Aug-2022
TD 121	Revision 0	Ramp metering	Jan-20
TD 131	Version 0.1.0	Roadside technology and communications	30-Nov-2023

5.8.4 TC - Construction

There are no Construction documents associated with this discipline.

5.8.5 TM - Maintenance & Operation

Document Reference	Version	Title	Date of Issue
TM 101	Version 0.1.0	Traffic signalling systems (maintenance and operation)	30-Aug-2022

5.8.6 TS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
TS 101	Version 0.1.0	Traffic signalling systems (inspection and assessment)	30-Aug-2022

5.8.7 TZ - Disposal

There are no Disposal documents associated with this discipline.

5.9 Road Lighting (T* 500-999)**5.9.1 TG - General Information**

There are no General Information documents associated with this discipline.

5.9.2 TA - Appraisal

Document Reference	Version	Title	Date of Issue
TA 501	Revision 0	Road lighting appraisal	Mar-20

5.9.3 TD - Design

Document Reference	Version	Title	Date of Issue
TD 501	Revision 0	Road lighting design	Mar-20

5.9.4 TC - Construction

There are no Construction documents associated with this discipline.

5.9.5 TM - Maintenance & Operation

Document Reference	Version	Title	Date of Issue
TM 501	Revision 0	Road lighting maintenance	Mar-20

5.9.6 TS - Inspection & Assessment

Document Reference	Version	Title	Date of Issue
TS 501	Revision 0	Road lighting inspection	Mar-20

5.9.7 TZ - Disposal

There are no Disposal documents associated with this discipline.

WITHDRAWN

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