

Technical Documents Activity Report: Jan 2020 to Jun 2020

This activity report lists new, updated and superseded technical documents published for external partners and suppliers by Transport for NSW. For the latest updates, see [new, updated and withdrawn technical documents](#).

For further information or queries please contact [TechInfo](#).

Document	Doc Type	Status	Date	Change summary
TTD 2020/03 - Shared environment intersection treatment	Technical Direction	New	26.06.20	Shared environment intersection treatments have been developed as a way of improving amenity for pedestrians and bicycle riders where bi-directional bicycle paths cross low volume side streets. The TD illustrates key concepts and formalises TfNSW in-principle endorsement of the treatment.
TTD 2020/02 - Bus Lane Delineation	Technical Direction	New	15.06.20	Specifies the sign posting and line marking requirements of Bus Lanes in NSW. It takes precedence over AS 1742.12, and supersedes in part, the Transport Delineation guide. The technical direction does not provide guidance on Bus Only Lanes.
TSI-SP-065 – Luminaires for tunnel and underpass lighting	Specification	Revised	01.06.20	Issue 2: Changes triggered by a Sydney Asset initiated review of IC-QA-R158 along with this specification (TSI-SP-065) and IC-DC-TS918 so that their interdependencies were aligned with each other, and coordinated by way of a Specification Review Committee (SRC) for Road Lighting and Tunnel and Underpass Lighting to oversee the changes. Additional minor amendments for clarity.
IC-QA-R57 – Design of reinforced soil walls	Specification	Revised	27.05.20	Ed 2 Rev 10: Term "bridge abutment" replaced by "sill beam". Definition for sill beam reworded. Link to RMS approved RSW systems updated. Numerous clause updates.

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<u>IC-QA-R58 – Construction of reinforced soil walls (Contractor's design)</u>	Specification	Revised	27.05.20	Ed 3 Rev 7: Link to RMS approved RSW systems updated. Numerous clause updates.
<u>IC-QA-R59 – Construction of reinforced soil walls (Principal's design)</u>	Specification	Revised	27.05.20	Ed 3 Rev 7: Link to RMS approved RSW systems updated. Numerous clause updates.
<u>IC-DC-R57 – Design of reinforced soil walls</u>	Specification	Revised	27.05.20	Ed 1 Rev 5: Updated to accord with base (non-D&C) Specification R57 Ed 2/Rev 10.
<u>IC-DC-R58 – Construction of reinforced soil walls (contractor's design)</u>	Specification	Revised	27.05.20	Ed 1 Rev 5: Updated to accord with base (non-D&C) Specification R58 Ed 3/Rev 7.
<u>IC-QA-R143 – Signposting</u>	Specification	Revised	27.05.20	Ed 5 Rev 0: Requirements for lateral clearance and mounting height of signs to comply with AS 1742.2 added. Referenced documents updated.
<u>IC-DC-R143 – Signposting</u>	Specification	Revised	27.05.20	Ed 2 Rev 2: Updated to accord with base (non-D&C) Specification R143 Ed 5/Rev 2.
<u>IC-DC-R83 – Concrete Pavement Base</u>	Specification	Revised	13.05.20	Ed 2 Rev 2: Reference to Table 26 deleted. Application of incentive/deduction details deleted, as it is not relevant to D&C Contract. Table 26 on Pavement Roughness Categories deleted. Referenced documents updated.
<u>SV-G-07 Survey Control Requirements</u>	Technical Guide	New	12.05.20	Provides assistance with understanding of the standard conventions relating to geodetic control surveys for Transport for NSW projects.
<u>IC-QA-M3 – Routine Services</u>	Specification	Revised	06.05.20	Ed 2 Rev 2: Tables under previous Clauses 7.10 and 7.11 combined together. Previous heading for Clause 7.11 deleted. Subsequent clauses renumbered.
<u>Geospatial Datum Modernisation Policy</u>	Policy	New	04.05.20	The Geocentric Datum of Australia 2020 (GDA2020) has superseded the GDA94 datum as the static national datum of Australia.

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<u>PN144 - Use of Geocentric Datum of Australia (GDA)</u>	Policy	Withdrawn	May 2020	Refer to <u>Geospatial Datum Modernisation Policy</u>
<u>IC-QA-M1 – General Maintenance Requirements</u>	Specification	Revised	29.04.20	Ed 6 Rev 1: "State Traffic" changed to "State Road Traffic".
<u>T631 – Wet coring of road construction materials</u>	Test Method	Revised	21.04.20	Issue 4: Updated test method title and reformatted template. Removed clauses relating to dry coring, refer to Transport for NSW test method T632. Added new clauses for concrete coring. Added new clause for references.
<u>T632 – Dry coring of road construction materials</u>	Test Method	Revised	21.04.20	Issue 4: Updated test method title and reformatted template. Added new clauses to describe dry coring processes for bound materials. Added new clause for references.
<u>TTD 2020/01 – Harmonisation of alpha numeric route markers with Australian Standard AS 1742.15</u>	Technical Direction	New	15.04.20	Specifies the design requirements for alpha numeric route markers on wayfinding signs. The design changes bring NSW requirements into alignment with AS 1742.15:2019, Manual of uniform traffic control devices - Part 15: Direction signs, information signs and route numbering.
<u>Pavement – Bicycle Path Design</u>	Standard Drawing	Revised	07.04.20	Ed 1 Rev 2: Various changes
<u>Typical Pavement Profiles</u>	Standard Drawing	Revised	03.04.20	Updated to be in line with revised standards and industry practice.
<u>P-G-002 – Typical Pavement Profiles</u>	Technical Guide	Withdrawn	Apr 2020	Withdrawn due to the revised <u>Pavement Standard Drawings – Typical Pavement Profiles</u>
<u>IC-QA-G022 – Work health and safety (construction works)</u>	Specification	Revised	25.03.20	Ed 6 Rev 2: Text showed in boxed text format changed to ordinary text format. Guidance Notes shown in boxed text format deleted changed to table nos.

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<u>IC-QA-G024 – Work health and safety (non-construction works)</u>	Specification	Revised	25.03.20	Ed 3 Rev 2: Text showed in boxed text format changed to ordinary text format. Guidance Notes shown in boxed text format deleted changed to table notes.
<u>IC-DC-G022 – Work health and safety (construction works)</u>	Specification	Revised	25.03.20	Ed 3 Rev 2: Updated to accord with base (non-D&C) Specification G22 Ed 6/Rev 2.
<u>IC-DC-C91-2 – Design and construct project deed – schedules</u>	Specification	Revised	Mar 2020	Various updates and amendments.
<u>IC-DC-C91-1 – Design and construct project deed – terms</u>	Specification	Revised	Mar 2020	Ed 2 Rev 2: References to "RMS" changed to "TfNSW" or "Principal" (including related phrases starting with "RMS"); and- "days" changed to "Business Days" unless the context requires otherwise. Minor drafting clarifications and simplifications.
<u>IC-QA-C017 – Tender Form Major Roadworks and Bridgeworks</u>	Specification	Revised	16.03.20	Ed 2 Rev 59: Ed/Rev numbers against specifications updated. Pay Items for specification G5 updated. Pay Items for new specification R126 added.
<u>TSI-SP-008 – Variable Message Signs</u>	Specification	Revised	12.03.20	Issue 6: References changed to align to AS 4852.1:2019, content in this document reduced where now covered by equivalent clauses in AS 4852.1:2019. Various other changes and amendments.
<u>TSI-TG-001 – Submission Guide For Variable Message Signs</u>	Specification	Revised	12.03.20	Issue 3: Update to align with current documents particularly, VMS spec TSI-SP-008 v6.0 and Australian Standard AS4852.1:2019.
<u>IC-DC-TS916 – Motorway Systems – Electronic Toll Collection System</u>	Specification	Revised	04.03.20	Ed 2 Rev 0: Spec title changed. New edition, completely rewritten. Descriptions of changes to previous versions are no longer relevant, and are not listed.

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<u>IC-QA-M1 – General Maintenance Requirements</u>	Specification	Revised	Mar 2020	Ed 6 Rev 0: Specification modified to align with new TfNSW M3. It incorporates relevant content from the withdrawn Specification M2. Amendments to align with <i>Transport Administration (RMS Dissolution) Act 2019</i> , including changes from RMS to TfNSW.
<u>IC-QA-M3 – Routine Services</u>	Specification	Revised	Mar 2020	Ed 2 Rev 0: Major review and reformatting of specification. Amendments to align with <i>Transport Administration (RMS Dissolution) Act 2019</i> , including changes from RMS to TfNSW.
IC-QA-M2 – Annexure	Specification	Withdrawn	Mar 2020	Contact <u>Techinfo</u> for assistance.
<u>IC-QA-G5 – Working in Railcorp Property</u>	Specification	Revised	20.02.20	Ed 2 Rev 0: Clauses rearranged and reworded. Various changes and updates.
<u>TSI-SP-011 – Integrated Speed Limit and Lane Use Signs</u>	Specification	Revised	17.02.20	Issue 5: Various changes and updates.
<u>IC-DC-G22 – Work Health and Safety (Construction Work)</u>	Specification	Revised	14.02.20	Ed 3 Rev 1: Updated to accord with base (non-D&C) Specification G22 Ed 6/Rev 1.
<u>IC-QA-G24 – Work Health and Safety (Non-Construction Work)</u>	Specification	Revised	14.02.20	Ed 3 Rev 1: Title of “Guidelines” document updated. Various updates and amendments.
<u>IC-QA-G22 – Work Health and Safety (Construction Work)</u>	Specification	Revised	13.02.20	Ed 6 Rev 1: Title of “Guidelines” document updated. Statements related to “Project WHS Management Plan” amended or deleted, as new Guidelines document no longer mentions “Project WHS Management Plan”. Various updates and changes.
<u>IC-QA-R126 – High Modulus Asphalt (EME2)</u>	Specification	New	12.02.20	Sets out the requirements for High Modulus Asphalt, also known as Enrobés à Module Elevé Class 2, with a nominal aggregate size of 14 mm, which is abbreviated as EME2 in this document.

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<u>IC-DC-R126 – High Modulus Asphalt (EME2)</u>	Specification	New	12.02.20	Sets out the requirements for High Modulus Asphalt, also known as Enrobés à Module Elevé Class 2 (EME2), of 14 mm nominal size for use in: (a) heavy duty pavement types; (b) high stress locations such as traffic lights, stop/start locations, climbing lanes, roundabouts, etc. EME2 is not suitable for use as a wearing course.
<u>IC-DC-TS931 – Tunnel Electrical Boards</u>	Specification	New	12.02.20	Sets out the requirements for the design, manufacture and testing of the main switchboard, distribution board(s) and control panel(s) (collectively termed “electrical boards”) for the electricity supply within tunnels, including tunnels in motorways, and long underpasses..
<u>IC-DC-TS932 – Tunnel and Underpass Electrical Services Works</u>	Specification	New	12.02.20	Sets out the requirements for the design and installation of electrical services works comprising the main switchboard, distribution boards and control panels (collectively termed “electrical boards”) and associated cabling within tunnels, including tunnels in motorways, and long underpasses.
IC-QA-C72 – Panel deed for profession services (construction industry)	Specification	Withdrawn	Jan 2020	Temporarily withdrawn. For further information contact Commercial Services .
Project alliance agreement PAA	Specification	Withdrawn	Jan 2020	Temporarily withdrawn. For further information contact Commercial Services .
<u>TSI-SP-033 – Standalone UPS for Roadside Devices</u>	Specification	Revised	24.10.19	Issue 3: Updated to latest specification format, added requirement for 2 hour remaining battery runtime alarm output, added description of Re-synchronisation Mode in 4.3, added clarity to operation of Maintenance Bypass Switch in 4.3.6, added requirements for real-time clock, socket-outlet and audible emissions, humidity test to be conducted at 90%, all references to AS 62040 changed to reference AS 5715, convert to version 3.0 for publishing and release, convert logo and references from RMS to TfNSW.