

Technical Documents Activity Report: Jan 2021 to Jun 2021

This activity report lists new, updated and superseded technical documents published for external partners and suppliers by Transport for NSW. For the latest updates, see [new, updated and withdrawn technical documents](#).

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Document	Doc Type	Status	Date	Change summary
IC-DC-Q6 – Quality Management System (Type 6)	Specification	Revised	25.03.21	Ed 1 Rev 3 Changes: 6th paragraph - wording changed to mirror that in the Construct Only version.
IC-DC-R131 – Installation of Guide Posts	Specification	Revised	18.03.21	Ed 2 Rev 0 Changes: Updated to accord with base (non-D&C) Specification R131 Ed 5/Rev 0.
Supplement to Australian Standard AS 1742.10-2009, Manual of Uniform Traffic Control Devices – Part 10: Pedestrian control and protection	Supplement	Revised	16.03.21	Version 3.1: The numerical warrants within the Supplement to AS 1742.10:2009, Manual of uniform traffic control devices, Part 10: Pedestrian control and protection have been reviewed in light of the concerns raised in relation to application and audience. The Supplement has been updated to provide greater clarity around the interpretation of the warrant and outlining that the intended audience of the Supplement is the State roads authority, as governed by the legislative functions of s.7 of the Roads Act 1993.

Document	Doc Type	Status	Date	Change summary
<u>IC-QA-3411 – Supply of Guide Posts</u>	Specification	Revised	11.03.21	Ed 3 Rev 0 Changes: New edition, completely rewritten, combining previous specs 3411 and 3412. Clauses rearranged and reworded. Headings added to break long clauses into shorter subclauses. All references to "semi-flexible" guide posts deleted.
<u>IC-QA-R53 – Concrete for General Works</u>	Specification	Revised	11.03.21	Ed 3 Rev 5 Changes: Concrete parameters for concrete injected columns added to table. Annex M Referenced documents updated.
<u>IC-QA-R131 – Installation of Guide Posts</u>	Specification	Revised	11.03.21	Ed 5 Rev 0 Changes: Spec title changed. References to spec 3142 removed, as spec 3412 is now combined with spec 3411. References to "semi-flexible guide posts" removed, to accord with spec 3411. Various clause changes.
<u>IC-QA-R225 – Concrete Injected Columns</u>	Specification	Revised	11.03.21	Ed 2 Rev 0 Changes: Clauses rearranged and reworded to improve clarity. Various updates and amendments.
<u>IC-DC-3411 – Supply of Guide Posts</u>	Specification	Revised	11.03.21	Ed 2 Rev 0 Changes: Updated to accord with base (non-D&C) Specification 3411 Ed 3/Rev 0.
<u>IC-DC-R53 – Concrete for General Works</u>	Specification	Revised	11.03.21	Ed 2 Rev 5 Changes: Updated to accord with base (non-D&C) Specification R53 Ed 3/Rev 5.
<u>IC-DC-R225 – Concrete Injected Columns</u>	Specification	Revised	11.03.21	Ed 2 Rev 0 Changes: Updated to accord with base (non-D&C) Specification R225 Ed 2/Rev 0.
IC-DC-3412 Supply of Guide Posts (Non-Timber)	Specification	Withdrawn	11.03.21	Incorporated into <u>IC-QA-3411 – Supply of Guide Posts</u>
<u>IC-QA-TS200 – Register of ITS Field Equipment</u>	Specification	Revised	09.03.21	Ed 5 Rev 0 Changes: Updates to Annex A and B.
<u>IC-DC-TS101 – Traffic Signals - new installation and reconstruction</u>	Specification	Revised	23.02.21	Ed 1 Rev 2 Changes: Updated to accord with base (non-D&C) Specification TS101 Ed 2/Rev 3.

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<u>IC-QA-TS101 – New Installation and Reconstruction</u>	Specification	Revised	22.02.21	Ed 2 Rev 3 Changes: Term "traffic control signals" and associated acronym changed to "traffic signals", various other updates and amendments to clauses.
<u>IC-QA-G2-C2 – General Requirements (Major Contracts)</u>	Specification	Revised	17.02.21	Ed 5 Rev 23 Changes: Concreting training requirements no longer applicable to Spec R81 "No Fines Concrete Subbase". Referenced documents updated.
<u>IC-QA-R81 – No Fined Concrete Subbase</u>	Specification	Revised	17.02.21	Ed 2 Rev 2 Changes: Requirements for concrete paving crew training to comply with Spec G2-C2 replaced by training in no fines concrete paving. Referenced documents updated.
<u>IC-QA-R82 – Lean-Mix Concrete Subbase</u>	Specification	Revised	17.02.21	Ed 4 Rev 4 Changes: Maximum size of fine aggregate no longer specified. Table 1 – Note (8) added. Table 2 - Note (4) added. Previous sub-clause on Concrete Paving Crew Training deleted (replaced by Clause 6.2). Subsequent sub-clause renumbered. New clause on concreting personnel requirements, including Grey Card Training. Hold Point added. Subsequent clauses renumbered. Schedule of Hold Points and Witness Points updated. Schedule of Identified Records updated. Planning Documents updated. Referenced documents updated.
<u>IC-QA-R83 – Concrete Pavement Base</u>	Specification	Revised	17.02.21	Ed 3 Rev 3 Changes: Reference to AS 2706 deleted. Approval of alternative combined particle size distribution by Principal instead of based on User Guide NR83. Fine aggregate to comply with AS 2758.1 and Table 2. Other requirements deleted. Various updates and amendments to clauses.
<u>IC-DC-R81 – No Fines Concrete Subbase</u>	Specification	Revised	17.02.21	Ed 2 Rev 2 Changes: Updated to accord with base (non-D&C) Specification R81 Ed 2/Rev 2.
<u>IC-DC-R082 – Lean-mix Concrete Subbase</u>	Specification	Revised	17.02.21	Ed 2 Rev 4 Changes: Updated to accord with base (non-D&C) Specification R82 Ed 4/Rev 4.

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<u>IC-DC-R083 – Concrete Pavement Base</u>	Specification	Revised	17.02.21	Ed 2 Rev 4 Changes: Updated to accord with base (non-D&C) Specification R83 Ed 3/Rev 3.
<u>TSI-SP-041 – Luminaires For Road Lighting</u>	Specification	Revised	15.02.21	Issue 2: Changes triggered by a Sydney Asset initiated review of IC-QA-R151 along with this specification (TSI-SP041) 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. Numerous other changes and improvements.
<u>IC-QA-G22 – Work Health and Safety (Construction Work)</u>	Specification	Revised	15.02.21	Ed 6 Rev 4 Changes: Links to "Separate Yourself" Procedure and Guide added.
<u>IC-DC-G22 – Work Health and Safety (Construction Work)</u>	Specification	Revised	15.02.21	Ed 3 Rev 4 Changes: Updated to accord with base (non-D&C) Specification G22 Ed 6/Rev 4.
<u>Technical Directions Bridge BTD 2008/11 – Lists of Transport for NSW (TfNSW) Approved Bridge Components and Systems</u>	Technical Direction	Revised	12.02.21	Changes: Numerous updates and amendments.
<u>IC-QA-TS201 – Approval of ITS Field Equipment</u>	Specification	Revised	09.02.21	Ed 4 Rev 0 Changes: Director Intelligent Transport Systems changed to Director ITS Engineering following organisational changes in TfNSW.
<u>IC-QA-TS202 – Approval of ITS Solutions for Projects</u>	Specification	Revised	09.02.21	Ed 4 Rev 0 Changes: Director ITS changed to Director ITS Engineering. Words "Policy and" removed from item 3.
<u>TSI-TG-011 Frame and Message Numbering for ISLUS and related signage</u>	Specification	New	05.02.21	Issue 1: This Guidance describes the usage of frame numbers and message numbers by TfNSW (Transport for New South Wales) in their host control systems.

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<u>TSI-TG-010 Submission Guide for ISLUS</u>	Guide	New	05.02.21	Issue 1: This submission guide provides checklists and guidance for supporting evidence expected to be provided by an applicant making a submission of an ISLUS (integrated speed limit and lane usage sign) for evaluation, seeking TS201 or TS202 approval. .
<u>TSI-SP-011 Integrated speed limit and lane use signs</u>	Specification	Revised	05.02.21	Issue 6: Restructure and adjust to reference AS 5156:2020 version.
<u>IC-DC-B80 – Concrete Work for Bridges</u>	Specification	Revised	03.02.21	Ed 3 Rev 5 Changes: Updated to accord with base (non-D&C) Specification B80 Ed 7/Rev 5.
<u>IC-DC-G7 – Services Works (Utility Adjustment)</u>	Specification	Revised	03.02.21	Ed 1 Rev 6 Changes: Updated to accord with base (non-D&C) Specification G7 Ed 1/Rev 7.
<u>IC-QA-B80 – Concrete Work for Bridges</u>	Specification	Revised	03.02.21	Ed 7 Rev 5 Changes: Testing of coarse aggregate for size < 2 µm added to reflect Item (e) in Clause 2.4.2.
<u>IC-QA-G7 – Utility Adjustment</u>	Specification	Revised	03.02.21	Ed 1 Rev 7 Changes: Previous sub-clause 8.1.2 on prequalification of traffic contractors deleted, as this is covered by spec TS101. Subsequent sub-clauses renumbered. Statement added that payment for adjustment work on traffic signals will be made under specs TS101 or G10 as appropriate.
<u>Inspection and maintenance framework for ground anchor supported slopes and structures</u>	Guide	New	29.01.21	Issue 1: The objective of this technical guide is to propose a framework for the inspection and maintenance of ground anchor supported slopes and structures, in order to extend the service life of anchored structures or slopes. It will provide recommendations to improve the long-term durability of anchors by evaluating the integrity of anchors in service. It will also provide a clear framework within the TfNSW context for asset managers to take steps in management of ground anchors.

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<u>TTD 2021/01 Bypassed Town Services Signage</u>	Technical Direction	New	29.01.21	Issue 1: Provides the requirements for implementing enhanced bypassed town signage. Enhanced bypassed town signage may incorporate images to the existing wayfinding signage provisions contained in the Transport Guide Signposting Manual.
<u>TSI-SP-082 Portable Variable Speed Limit Sign</u>	Specification	New	29.01.21	Issue 1: This specification covers the requirements for Portable Variable Speed Limit Sign (Portable VSLS), to be used in New South Wales.
<u>Typical slope stabilisation works with soil nails</u>	Standard Drawing	Revised	29.01.21	Standard drawing updates
<u>Typical Pavement Profiles</u>	Standard Drawing	Revised	28.01.21	Standard drawing updates
<u>IC-QA-NG71 – Guide to QA Specification G71</u>	Specification	Revised	14.01.21	Ed 2 Rev 0: Updated to accord with base Specification TfNSW G71 Ed 2 Rev 3. New guide notes and commentary added. Part III sample procedures and appendices updated to align with latest technologies and ICMS SP1 v1.7.
<u>IC-QA-C76 – Professional Services Short Form Contract (Construction Industry)</u>	Specification	New	Jan 2021	Ed 1 Rev 0: Short form contract template to collect all relevant data and details required for Professional Services (Construction Industry).