
**Summary of Revisions for April 2025 Updates to the Department of
Transportation and Infrastructure Specifications Book**

This document is intended as a quick reference guide to changes to the Department of Transportation and Infrastructure Specifications Book made in March 2025.

Users of this document are advised:

- This document is not to be used in place of the latest version of the specification posted to <https://www.gov.nl.ca/ti/hdc/highway-specification-book/>
- It is possible that changes were missed or omitted from this document. Where there is a discrepancy between this document and the latest version of the specification uploaded to the official government webpage, then the specification posted to the specifications webpage shall govern.
- It is the responsibility of all holders of the Department's Specifications Book to obtain and become thoroughly familiar with the most recently published new or revised specification sections. The latest revised specifications published on the Government of Newfoundland and Labrador webpage at the time of tendering shall apply to the applicable project.

2025 – Specification Update Summary:

- SECTION 111 – FIELD LABORATORY
 - Addition of language related to equipment damage due to electrical faults.
- SECTION 160 – CONTRACTOR PERFORMANCE EVALUATION SYSTEM
 - **Revised Section 160.3**, as follows:

The interpretation of points rating under Form 160A will be as follows:

- a) 66 - 100 shall be defined as “Satisfactory Performance”
- b) 50 - 65 shall be defined as “Deficient Performance”
- c) 0 - **49** shall be defined as “Unsatisfactory Performance”

The interpretation of points rating under Form 160B will be as follows

- a) 70 shall be defined as “Satisfactory Performance”
- b) < 70 shall be defined as “Unsatisfactory Performance”

- **Revised Section 160.07**, as follows:

“A Contractor may request a review be conducted by the Department of a Performance Evaluation in respect to a particular project by submitting a written request, with supporting documentation, to Tendering and Contracts.

A committee established by the Assistant Deputy Minister of the Department will conduct the review. The review is to be completed within sixty (60) **days** of the request and the results will be communicated in writing to the Contractor.”

- SECTION 180 – UNWATERING INCIDENTAL TO WORK
 - **Revised Section 180** – Added a general statement specifying that the Department may issue a Stop Work Order if a watercourse becomes heavily silted due to natural or unforeseen conditions, with no liability for delays or compensation to the Contractor. The Contractor must comply with the Department's directives and resume work once conditions improve.

- SECTION 205 – CLASSIFICATION OF EXCAVATED MATERIALS
 - **Revised Section 205** – Replacing all references to, “Quarried Rock” with, “Rock Borrow”.
- SECTION 207 – BORROW
 - **Revised Section 207** – Updated references, terminology, general requirements, and permitting details to align with the current Quarry Materials Act.
- SECTION 310 – USE OF QUARRIES AND STOCKPILES FOR PRODUCTION OF MATERIALS SUPPLIED BY CONTRACTOR
 - **Revised Section 310** – Updated references, terminology, general requirements, and permitting details to align with the current Quarry Materials Act.
 - **Revised 310.08.03** – Changed max fragment size, composition as well as a physical properties table.
- SECTION 315 – SELECTED GRANULAR BASE COURSE
 - **Revised Section 315.07** – Referenced Section 316 to remove redundancy
- SECTION 316 – COMPACTION FOR GRANULAR AND OTHER MATERIAL
 - **Revised Section 316.01** - to default compaction responsibility to Department unless identified in the contract documents that it’s a contractor responsibility.
 - **Revised 316.07.01** to tighten testing results certification
 - **Revised 316.08** to clarify QA responsibilities
- SECTION 330 – HOT MIX ASPHALT CONCRETE - GENERAL
 - **Revised PGAC TO PGAB throughout document**
 - **Section 330.01** - to introduce an absolute maximum haul time for asphalt.
 - **Section 330.04.02.01 – Table 1** – to decrease the maximum allowable requirements for flat and elongated to bring in line with Atlantic Provinces
 - **Section 330.04.02.01 – Table 1** – to decrease the maximum allowable requirements for coarse micro deval. – **Tetra Tech Recommendation**
 - **Section 330.04.02.02 – Table 2** – to decrease the maximum allowable requirements for the fine micro deval.
 - **Revised 330.04.05** to require details on binder additives delivered for use.
 - **Revised 330.04.07.01** to identify requirements for notifying of changes to asphalt components and repercussions for not doing so.

- **Revised 330.04.07.01** to change the gradations on the 4.75 mm and 0.075 mm sieves. Note deleted for roads with 500 AADT as it is no longer applicable. **Tetra Tech Recommendation**
 - **Revised 330.04.07.02** to identify requirements for notifying Owner's Rep of placement plans and testing.
 - **Revised 330.05** to identify requirements for pre-pave meetings and notices.
 - **Revised 330.07.07** to identify requirements for usage of ski and joint matching shoe.
 - **Revised 330.07.08** to clarify roller requirements.
 - **Revised 330.08.01 & 330.08.02** to clarify environmental requirements for asphalt plants for compliance with other agencies regulations.
- SECTION 332 – HOT MIX ASPHALT CONCRETE – METHOD SPECIFICATION
 - **Revised PGAC TO PGAB throughout document**
 - **Revised Section 332.04** – added section on permitting sampling by staff and consequences of refusal by contractor.
 - **Revised 332.07.03** to clarify coring of asphalt restrictions
 - **Revised 332.09.03** to clarify measurement for payment for PGAB to bring requirements in line with Atlantic Provinces.
 - **Revised 332.10.07** to clarify basis of payment for rejected mixes.
- SECTION 333 – HOT MIX ASPHALT CONCRETE – END PRODUCT SPECIFICATION
 - **Revised PGAC TO PGAB throughout document**
 - **Revised 333.12.03** to clarify measurement for payment for PGAB to bring requirements in line with Atlantic Provinces.
 - **Revised 333.13.05** to clarify basis of payment for rejected mixes.
- SECTION 334 – PAVEMENT SMOOTHNESS
 - **Revised Section 334.03** – minor edit to definition.
 - **Revised 334.05.03** to clarify exclusions
- SECTION 370 – PULVERIZE EXISTING ASPHALT
 - **Revised Section 370.02** – adding the following statement, ***“The Contractor shall be responsible for scarifying and reshaping any areas where Granular A material, placed in preparation for paving operations, has deteriorated due to prolonged exposure and wear. The Contractor shall ensure that the affected areas are properly prepared to meet the specified requirements for paving. The cost associated with the scarifying and reshaping operation shall be***

considered incidental to the overall work, and no additional compensation will be provided.”

- **Revised Section 370.02** – adding the following statement, ***“Any pulverized roadway that remains unpaved for a period exceeding 10 days shall be subject to the full application of the Liquidated Damages Daily Rate for each day the affected section of the roadway remains in an unpaved condition.”***
- **SECTION 423 -- SUPPLY AND INSTALLATION OF STRUCTURAL PLATE PIPE**
 - **Added Section 423.02 – Coordination and Planning:** Emphasizes the Contractor’s responsibility for planning, scheduling, and coordinating all stages of the LSSPS installation.
 - **Revised Section 423.03.03 – Quality Control Reporting:** Requires Contractors to complete and submit a daily quality control report to the Owner’s Representative.
 - **Added Section 423.03.04 – List of Required Submittals:** Outlines the minimum submittal requirements for DSI items installed in accordance with Section 426.
 - **Revised Section 423.06:** Contractors who choose to stockpile SPCSP material outdoors for winter or extended periods must individually wrap the components in marine-grade shrink wrap.
 - **Revised Section 423.11.01 – Backfilling:** States that the Department reserves the right to request proof of delivery for select backfill materials when supplied by a third party.
 - **Revised Section 423.14:** Clarifies that failure to comply with quality control, certification, and submission requirements will result in the rejection of the installation by the Department.
- **SECTION 424 – SUPPLY AND INSTALLATION OF STRUCTURAL PLATE ARCH**
 - **Added Section 424.02 – Coordination and Planning:** Emphasizes the Contractor’s responsibility for planning, scheduling, and coordinating all stages of the LSSPS installation.
 - **Revised Section 424.03.03 – Quality Control Reporting:** Requires Contractors to complete and submit a daily quality control report to the Owner’s Representative.
 - **Added Section 424.03.04 – List of Required Submittals:** Outlines the minimum submittal requirements for DSI items installed in accordance with Section 426.

- **Revised Section 424.06:** Contractors who choose to stockpile SPCSP material outdoors for winter or extended periods must individually wrap the components in marine-grade shrink wrap.
 - **Revised Section 424.10.01 – Backfilling:** States that the Department reserves the right to request proof of delivery for select backfill materials when supplied by a third party.
 - **Revised Section 424.13:** Clarifies that failure to comply with quality control, certification, and submission requirements will result in the rejection of the installation by the Department.
- **SECTION 426 – DESIGN, SUPPLY, AND INSTALLATION OF LONG SPAN STRUCTURAL PLATE STRUCTURES**
 - **Added Section 426.02 – Coordination and Planning:** Emphasizes the Contractor’s responsibility for planning, scheduling, and coordinating all stages of the LSSPS installation.
 - **Revised Section 426.04.03 – Quality Control Reporting:** Requires Contractors to complete and submit a daily quality control report to the Owner’s Representative.
 - **Added Section 426.04.04 – List of Required Submittals:** Outlines the minimum submittal requirements for DSI items installed in accordance with Section 426.
 - **Revised Section 426.07:** Contractors who choose to stockpile SPCSP material outdoors for winter or extended periods must individually wrap the components in marine-grade shrink wrap.
 - **Revised Section 426.08.02 – Backfilling:** States that the Department reserves the right to request proof of delivery for select backfill materials when supplied by a third party.
 - **Revised Section 426.11:** Clarifies that failure to comply with quality control, certification, and submission requirements will result in the rejection of the installation by the Department.
- **SECTION 470 -- CONSTRUCTION AND ADJUSTMENT OF MANHOLES, CATCH BASINS AND DITCH INLETS**
 - **Revised Section 470.03 –** revising the language surrounding the substitution approval for round catch basins as follows, ***“In the event that a round catch basin is proposed as a substitution for a square/rectangular catch basin, the Contractor is advised that compensation will be based on the original bid price for the square/rectangular catch basin. Any necessary adjustments, including diameter or wall thickness increases or modifications to the configuration, required to ensure that the round catch basin***

meets the project's functional and design requirements, will be considered incidental to the original item. No additional payment will be made for these adjustments. The Contractor shall be responsible for ensuring that the round catch basin, as substituted, meets all project specifications and standards without impacting the project's schedule or cost."

- SECTION 540 -- CAST-IN-PLACE CONCRETE MEDIAN BARRIER
 - **Revised Section 540.03.04** – Revised the requirements for curing cast-in-place median barriers.
 - **Revised Section 540.03.05** – Revised the requirements for control joints in cast-in-place median barriers.
- SECTION 805 -- CONTRACTOR'S RESPONSIBILITIES - REGULATORY AGENCIES
 - **Revised Section 805** – Corrected the departmental name for the Department of Fisheries, Forestry and Agriculture.
- SECTION 806 -- CONTRACTOR ENVIRONMENTAL MITIGATION PLAN (CEMP)
 - **Revised Section 806** – Replaced a broken hyperlink to the Water Resources Division's permitting resource webpage.
- SECTION 840 – DUST CONTROL
 - **Revised Section 840** – Clarified that all costs for implementing dust control measures are considered incidental to the project, with no additional payment to be made to the Contractor.
- SECTION 845 – EQUIPMENT OPERATION AND PREVENTION OF EROSION AND SILTATION
 - **Revised Section 845.01** – Clarified drainage management issues and requirements
 - **Revised Section 845.04** – Clarified the roles and responsibilities of the contractor to address environmental project issues.
- SECTION 900 – INDEX
 - **Updated Section Titles and number of pages**

- SECTION 901 – REMOVAL OF EXISTING STRUCTURE
 - **Revised Section 901.02 – General** – Clarified requirements for Contractors before submitting a demolition plan. Clarified debris removal requirements. Clarified side slope requirements.
 - **Revised Section 901.04 – Salvage** – Added requirement for bridge rail posts to be chipped out before removal.

- SECTION 904 – CONCRETE STRUCTURES
 - **Section now references new concrete specifications:**
 - 930 Concrete – Materials and Production
 - 931 Concrete – Construction
 - 932 Inspection Checklists

- SECTION 909 – MARINE STRUCTURES
 - **This specification has been replaced with Timber Structures Specification**

- SECTION 910 – STRUCTURAL STEEL
 - **Revised Section 910.04.03 – High Strength Bolts, Nuts and Washers** – Updated ASTM standards
 - **Revised Section 901.05.03.02 – Assembly and Inspection** – Updated ASTM standards

- SECTION 913 – EXPANSION JOINTS
 - **Revised Section 913.03.05.01 – General** – Clarified requirements for existing rebar in deck and backwall.
 - **Revised Section 913.03.05.02 – Removal of Existing Joint** – Clarified requirements for existing rebar in deck and backwall, and requirements for new rebar.
 - **Revised Section 913.04.02 – Installation** – Clarified requirements for rehabilitation projects.
 - **Revised Section 913.07.01 – Supply and Install Strip Seal Expansion Joint System** – Clarified payment for additional reinforcing.
 - **Revised Section 913.07.04 – Supply and Install Asphalt Plug Expansion Joint System** – Clarified payment for additional reinforcing.

- SECTION 914 – BRIDGE DECK WATERPROOFING
 - **Revised Section 914.03.02 – Asphalt Membrane** – Added additional preapproved materials.
 - **Revised Section 914.03.03 – Reinforcing Materials** – Added additional preapproved materials.
 - **Revised Section 914.04.05 – Application of Protection Board** – Amended butt jointing requirements. Amended situations when trafficking of the protection board is allowed, and associated liquidated damages.
 - **Revised Section 914.04.07 – Paving Operations** – Added liquidated damages for exceeding the time period between waterproofing and paving.

- SECTION 915 – SUPPLY, INSTALLATION, AND SALVAGE OF BRIDGE RAIL
 - **Revised Section 915.02.02 – Materials** – Updated bolt standards
 - **Revised Section 915.04 – Salvage of Existing Bridge Rail** – Added requirement for bridge rail posts to be chipped out before removal.

- SECTION 918 – DECK DRAINS
 - **Revised Section 918.02 – Materials and Fabrication** – updated ASTM standard for outlet pipe

- SECTION 922 – ASPHALTIC PAVING OF BRIDGE DECKS AND APPROACHES
 - **Revised Section 922.02.03** – Clarified testing intervals for loose samples and cores.

- SECTION 925 – INEXTENSIBLE MECHANICALLY STABILIZED EARTH (MSE) STRUCTURES
 - **Revised Section 925.05.02** – Updated ASTM standard.
 - **Revised Section 925.05.03** – updated connection requirements

- SECTION 926 – CONSTRUCTION LAYOUTS AND SURVEYING REQUIREMENTS
 - **Revised Section 926.01** – Clarified scope of this specification is for any bridge replacement or culvert replacement projects greater than 3m in span.

- **Revised Section 926.03.02 – Substructure** - Added requirement that the Owner's Representative can request survey before a concrete pour.
 - **Revised Section 926.03.03 – Bearings** - Added requirement that the Owner's Representative can request survey before anchorage of bearings.
 - **Revised Section 926.03.04 – Superstructure** - Added requirement that the Owner's Representative can request survey before a concrete pour or the next stage of construction.
 - **Revised Section 926.03.02 – Walls** - Added requirement that the Owner's Representative can request survey before a concrete pour.
- **UPDATED STANDARDS REFERENCED IN MULTIPLE SECTIONS**
 - **Revised Section 190.04.05** - Updated Safety Glasses Standard to CSA Z94.3, changed 'CSA Z275.2-04' to 'CSA Z275.2', & 'CSA Z275.4-02' to 'CSA Z275.4' and updating standard to "Competency Standard for Diving, Hyperbaric Chamber, and Remotely Operated Vehicle Operations".
 - **Revised Section 320.02** - Changed 'ASTM D997' to 'ASTM 977'.
 - **Revised Section 320.09** - Changed 'ASTM D997' to 'ASTM 977'.
 - **Revised Section 411.02** - Changed 'ASTM D479' to 'ASTM D4791' and changed 'ASTM D-2488' to 'ASTM D2488'.
 - **Revised Section 421.02.02** - Removed 'ASTM F405'.
 - **Revised Section 423.11.01** - Changed 'ASTM D479' to 'ASTM D4791' and changed 'ASTM D-2488' to 'ASTM D2488'.
 - **Revised Sections 423.09** - Changed 'ASTM D-2488' to 'ASTM D2488'.
 - **Revised Section 424.11.01** - Changed 'ASTM D479' to 'ASTM D4791'.
 - **Revised Section 424.09.01** - Changed 'ASTM D-2488' to 'ASTM D2488'.
 - **Revised Section 460.02.06** - Removed 'CSA G30.12M and G30.16N' and replaced it with 'CSA G30.18'.
 - **Revised Section 541.02.02** - Changed 'ASTM A185' to 'ASTM A1064'.
 - **Revised Section 570.12** - Changed 'CSA-A23.I' to 'CSA A23.1'.
 - **Revised Section 580.03** - Replaced 'CSA G40-21' with 'CSA G40.20/40.21'.
 - **Revised Section 620.02** - Clarified that 'ASTM A653' is the standard, and Z600 is the designation within 'ASTM A653'.
 - **Revised Section 625.03.01** - Changed 'ASTM D422' to 'ASTM D6913' on Page 625-2, and 'ASTM D422' to 'ASTM D7928' on page 625-3.
 - **Revised Section 625.03.01** - Changed 'D4927' to 'D4972'.
 - **Revised Section 660.03.07** - Changed 'CAN2-138.3' to 'CAN/CGSB-138.3'.
 - **Revised Section 660.03.08** - Changed 'CAN2-138.4' to 'CAN/CGSB-138.4'.
 - **Revised Section 660.04** - Changed 'CAN2-138.3' to 'CAN/CGSB-138.3'.