
MEMORANDUM

TO: ALL USERS OF STANDARD SPECIFICATIONS
FROM: *for* OHD DIRECTOR ERIC E. MARABELLO, P.E.
SUBJECT: 2025 STANDARD SPECIFICATIONS FOR
CONSTRUCTION AND MATERIALS
DATE: MAY 8, 2025
RESPONSE
REQUESTED N/A
BY:

By: Mard.

PURPOSE

To provide guidance for using the 2025 Maryland Department of Transportation State Highway Administration (SHA) Standard Specifications for Construction and Materials (2025 Specifications Book). The 2025 Specifications Book will be adopted for use on July 1, 2025.

SUMMARY

The 2025 Specifications Book is a compilation of the 2024 Specifications Book; new or revised Special Provisions Inserts (SPIs) approved for use between July 1, 2024, and April 30, 2025; and reference or typographical corrections to the 2024 Specifications Book. The 2025 Specifications Book is located on the SHA Internet website at <https://www.roads.maryland.gov/mdotsha/pages/sscm.aspx?PageId=853&lid=SSP>. The following SPIs are incorporated into the 2025 Specifications Book:

- SPI 104.05 – Traffic Barrier W-Beam (TBWB) for Maintenance of Traffic (01/15/2025)
- SPI 104.09 – Temporary Traffic Barrier End Treatments (01/15/2025)
- SPI 104.22 – Automated Flagger Assistance Device (AFAD) (01/15/2025)
- SPI 104.24 – Workers Present Trailer (WPT) (02/04/2025)
- SPI 104.32 – Automated Speed Enforcement (ASE) (02/04/2025)
- SPI 104.33 – Flexible Automated Speed Enforcement (02/04/2025)
- SPI 201 – Roadway Excavation (Class 1, Class 1-A, Class 2) (03/28/2025)
- SPI 206 – Removal of Existing Pavement, Sidewalk, Paved Ditches, Curb, or Combination Curb and Gutter, and Monolithic Median (03/28/2025)
- SPI 308 – Erosion and Sediment Control For all Contracts with Project Plans (04/14/2025)
- SPI 403 – Temporary Support of Excavation or Fill (01/15/2025)
- SPI 410 – Piling (01/15/2025)
- SPI 413 – Micropiles (01/15/2025)
- SPI 420 – Portland Cement Concrete Structures (03/28/2025)

SPI 423 – Repairs to Concrete Structures (01/15/2025)
SPI 426 – Latex Modified Concrete Overlay for Bridge Decks (03/28/2025)
SPI 430 – Metal Structures (01/15/2025)
SPI 432 – Bearings (01/15/2025)
SPI 436 – Cleaning and Painting Existing Structural Steel (01/15/2025)
SPI 440 – Prestressed Concrete Beams and Slab Panels (03/28/2025)
SPI 458 – Ornamental Fencing on Structures (01/15/2025)
SPI 460 – Expansion Joints in Structures (02/11/2025)
SPI 464 – Epoxy Protective Coatings for Concrete (03/28/2025)
SPI 475 – Removal and Replacement of Hot Mix Asphalt (HMA) Wearing Surface (01/15/2025)
SPI 476 – Protection for Scour and Undermined Areas (01/15/2025)
SPI 478 – Jacking Beam Operations (01/15/2025)
SPI 479 – Pressure Injected Epoxy Crack Repair (05/31/2024)
SPI 481 – Removing Existing Bridge Scuppers and Downspouts (05/31/2024)
SPI 482 – Invert Paving of Structures (03/28/2025)
SPI 504 – Asphalt Pavement (05/31/2024)
SPI 510 – Sealing Cracks and Joints in Asphalt Pavements (02/11/2025)
SPI 602 - Curb, Combination Curb and Gutter, and Monolithic Median (3/28/2025)
SPI 603 – Sidewalks (03/28/2025)
SPI 605 – Metal Traffic Barriers (01/15/2025)
SPI 606 – Permanent Traffic Barrier End Treatments (01/15/2025)
SPI 612 – Cable Barrier System (01/15/2025)
SPI 613 – Driveways and Entrances (01/15/2025)
SPI 909 – Metals (01/15/2025)
SPI 911 – Joints (02/11/2025)
SPI 950 – Traffic Materials (05/31/2024)

The following reference or typographical corrections are included in the 2025 Specifications Book:

Under **Section 101,**

1. Sub-section **101.03.02**, “**in conformance with** Section 120” was updated to “**as specified in** Section 120”
2. Sub-section **101.03.02(b)**, “**in conformance with** Section 712” was updated to “**as specified in** Section 712”
3. Sub-section **101.03.05(d)**, “as specified in 101.03.05(a) and **(b)**” was updated to “as specified in 101.03.05(a) and **101.03.05(b)**”

Under **Section 103**, Table **101.03.07B**, “**24** Widescreen” was updated to “**24 in.** Widescreen”

Under **Section 109**, sub-section **109.02**, “Not **Applicable.**” was updated to “Not **applicable.**”

Under **Section 121**, sub-section **121.02**, “**Not Applicable.**” was updated to “**Not applicable.**”

Under **Section 202**, sub-section **202.03**, “**Section 201.**” was updated to “**Refer to Section 201.**”

Under **Section 203**,

1. Sub-section **203.02**, “**Section 916.**” was updated to “**Refer to Section 916.**”
2. Sub-section **203.03.01**, “**Section 101.**” was updated to “**Refer to Section 101.**”

Under **Section 208**, subsection **208.02**, “**Section 916.**” was updated to “**Refer to Section 916.**”

Under **Section 210**, subsection **210.02**, “**Section 916.**” was updated to “**Refer to Section 916.**”

Under **Section 435**, sub-section **435.02.01 Paint Systems**, “**436.02.01.**” was updated to “**Refer to 436.02.01.**”

Under **Section 501**, sub-section **501.03.03**, “**208**” was updated to “**Section 208**”

Under **Section 502**,

1. Sub-section **502.03.03**, “**208**” was updated to “**Section 208**”
2. Sub-section **502.03.04**, “strength (**450-700** psi for CTB)” was updated to “(strength **450 psi-700** psi for CTB)”
3. Sub-section **502.03.11**, “**in conformance with 503.03.01**” was updated to “**as specified in 503.03.01**”

Under **Section 506**,

1. Sub-section **506.03.01**, “**shall conform to 504.03.01**” was updated to “**as specified in 504.03.01**”
2. Sub-section **506.03.08**, “**in accordance with 506.04.01**” was updated to “**as specified in 506.04.01**”

Under **Section 522**, sub-section **522.03.06**, “**conforming to 520.03.04**” was updated to “**as specified in 520.03.04**”

Under **Section 556**, sub-section **556.03.01**, “**549.03.01,**” was updated to “**Refer to 549.03.01,**”

Under **Section 558**, sub-section **558.03.05(a)**, “**80 - 90 percent**” was updated to “**80 percent - 90 percent**”

Under **Section 601**, sub-section **601.02**, “**Section 204.**” was updated to “**Refer to Section 204.**”

Under **Section 905**, sub-section **905.01**, Corrugated Polyethylene Pipe (CPP) – Remarks column was updated to “300 to 15000m (12 in. – 60 in.) Diameter” and Corrugated Polypropylene Drainage Pipe – Remarks column was updated to “300 to 15000m (12 in. – 60 in.) Diameter”

Under **Section 906**,

1. Sub-section **906.01**, “**A370.**” was updated to “**A974.**”
2. Sub-section **906.01.02**, “**Test per MSMT 508** was Removed.

Under **Section 908**, sub-section **908.05**, “**A185.**” was updated to “**A1064.**”

Under **Section 911**, sub-section **911.10**, “**D1056, Type S.**” was updated to “**D1056, Type 2.**”

Under **Section 914**, sub-section **914.01**, “**M 81**” was updated to “**M 181**”

Under **Section 917**,

1. Sub-section **917.01**, “**MSMT 609**” was updated to “**None**”
2. Sub-section **917.03.03**, Thickness - Test Method column “**G12**” was updated to “**D7091**” and Chloride Permeability – Test Method column “**A775, A 1.3.4**” was updated to “**A775, A 1.3.5**”

The following supplemental specifications have been updated. The latest versions of the updated supplemental specifications documents, dated May 06, 2025, are located on the SHA Internet website at <https://www.roads.maryland.gov/mdotsha/pages/sscm.aspx?PageId=853&lid=SSP>, on the SHA Project Development Hub, and on the Invitation for Bids System managed by SHA. All contracts advertising after July 1, 2025, must include these revised supplemental specifications, if applicable.

The following specifications were added, deleted, or revised:

<u>File</u>	<u>Description</u>
003-toc.docx	TABLE OF CONTENTS. Updated.
010-mbe state.docx	AFFIRMATIVE ACTION REQUIREMENTS UTILIZATION OF MINORITY BUSINESS ENTERPRISES FOR STRAIGHT STATE CONTRACTS (WHERE THE CONTRACTOR'S BID EXCEEDS \$50,000). Added the Prime - Subcontractor MBE Commitment Agreement section.

011-dbe fed.docx	AFFIRMATIVE ACTION REQUIREMENTS UTILIZATION OF DISADVANTAGED BUSINESS ENTERPRISES FOR FEDERAL- AID CONTRACTS. Added the Prime - Subcontractor DBE Commitment Agreement section.
022.1-ntc State.docx	NOTICE TO CONTRACTOR FOR STATE CONTRACTS. Updated spec year.
022.2-ntc Federal.docx	NOTICE TO CONTRACTOR FOR FEDERAL CONTRACTS. Updated spec year.
022.3-ntc IDIQ.docx	NOTICE TO CONTRACTOR FOR FEDERAL CONTRACTS. Updated spec year.
propformfed2.docx	PROPOSAL FORM PACKET – FEDERAL. Removed the Prime - Subcontractor DBE/MBE Commitment Agreement section.
propformst2.docx	PROPOSAL FORM PACKET – STATE. Removed the Prime - Subcontractor DBE/MBE Commitment Agreement section.
propformstsbpr2.docx	PROPOSAL FORM PACKET – STATE SMALL BUSINESS. Removed the Prime - Subcontractor DBE/MBE Commitment Agreement section.
propformstwithfed2	PROPOSAL FORM PACKET – STATE - WITH BUY AMERICA. Removed the Prime - Subcontractor DBE/MBE Commitment Agreement section.

If there are any questions regarding these updates, please contact Benjamin Gilardi, P.E., SHA Office of Highway Development (OHD) Division Chief, at 410-545-8810, or via email at bgilardi@mdot.maryland.gov. He will be happy to assist you.

cc: Benjamin Gilardi, P.E., Division Chief, OHD, SHA