
MEMORANDUM

TO: ALL USERS OF STANDARD SPECIFICATIONS
FROM: *for* OHD DIRECTOR ERIC E. MARABELLO, P.E.
SUBJECT: 2024 STANDARD SPECIFICATIONS FOR
CONSTRUCTION AND MATERIALS
DATE: MAY 31, 2024
RESPONSE
REQUESTED N/A
BY:

By: Marabello

PURPOSE

To provide guidance for using the 2024 Maryland Department of Transportation State Highway Administration (SHA) Standard Specifications for Construction and Materials (2024 Specifications Book). The 2024 Specifications Book will be adopted for use on July 1, 2024.

SUMMARY

The 2024 Specifications Book is a compilation of the 2023 Specifications Book; new or revised Special Provisions Inserts (SPIs) approved for use between July 1, 2023, and April 30, 2024; and reference or typographical corrections to the 2023 Specifications Book. The 2024 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 2024 Specifications Book:

- SPI 104.07 – Arrow Panel (AP) (02/15/2024)
- SPI 104.22 – Automated Flagger Assistance Device (AFAD) (02/15/2024)
- SPI 104.29 – Truck Mounted Variable Message Sign (TVMS) (02/15/2024)
- SPI 104.32 – Automated Speed Enforcement (ASE) (02/15/2024)
- SPI 107 – Construction Stakeout (02/15/2024)
- SPI 111 – Sampling Devices, Testing, and Safety Equipment (08/07/2023)
- SPI 121 – Electronic Ticketing (E-Ticketing) (02/15/2024)
- SPI 477 – Repointing Existing Masonry (02/15/2024)
- SPI 483 – Coal Tar Epoxy Coating (02/15/2024)
- SPI 504 – Asphalt Pavement (02/15/2024)
- SPI 604 – Concrete Traffic Barriers (02/15/2024)
- SPI 902 – Portland Cement Concrete and Related Products (02/15/2024)
- SPI 915 – Production Plant (02/15/2024)
- SPI 950 – Traffic Materials (02/15/2024)

The following reference or typographical corrections are included in the 2024 Specifications Book:

Under **GP- Section 7**, sub-section **GP-7.05**, the link to **Title 29, Code of Federal Regulations, Part 1926** is corrected.

Under **Section 436**, sub-section **436.01.02 sixth paragraph**, the link to **29 CFR 1926** is corrected.

Under **Section 440**, sub-section **440.03.08**, the second sentence “**Do no** reuse strands that have been draped.” was updated to “**Do not** reuse strands that have been draped.” and sub-section **440.03.32 (c)**, “**2 1/2**” was updated to “**2-1/2.**”

Under **Section 605**, sub-section **605.04.07**, “**thrie**” was updated to “**Thrie.**”

Under **Section 705**, Table 3, “**80 and 20**” was updated to “**80% and 20%.**”

Under **Section 706**, Table 5, “**70, 15 and 15**” was updated to “**70%, 15% and 15%.**”

Under **Section 707**, Table 7, “**70, 15 and 15**” was updated to “**70%, 15% and 15%.**”

Under **Section 708**, Table 2, “**80 and 20**” was updated to “**80% and 20%.**”

Under **Section 709**, Table 4, “**80, 20, and 100 percent**” was updated to “**80%, 20%, and 100%.**”

Under **Section 710**, Table 9, “**70, 15 and 15**” was updated to “**70%, 15% and 15%.**”

Under **Section 711**, Table 4, “**70, 15, 15 and 100**” was updated to “**70%, 15%, 15% and 100%.**”

Under **Section 917**, sub-section **917.03.01**, added the link to “**QPL.**”

Under **Section 950**, sub-section **950.13.09 (a)**, “**40 to 80 F**” was updated to “**40 F to 80 F**” and sub-section **950.14.02 (c)**, “**4 and 7 in.**” was updated to “**4 in. and 7 in.**”

The following supplemental specifications have been updated. The latest versions of the updated supplemental specifications documents, dated May 31, 2024, are located on the SHA Internet website at <https://www.roads.maryland.gov/mdotsha/pages/sscm.aspx?PageId=853&lid=SSP>, on the MDOT SHA Project Development Hub, and on the Invitation for Bids System managed by SHA. All contracts advertising after July 1, 2024, must include these revised supplemental specifications, if applicable.

The following specifications were added, deleted, or revised:

<u>File</u>	<u>Description</u>
002-loc and sig.docx	LOCATION AND SIGNATURE SHEET. Updated Signature block.
003-toc.docx	TABLE OF CONTENTS. Updated.
003-1-BidXTrainingCenterNTC.docx	ONLINE TRAINING RESOURCES FOR ELECTRONIC BIDDING - NOTICE TO CONTRACTORS. Deleted.
003-2-Bidderslistntc.docx	HOW TO OBTAIN POTENTIAL BIDDER'S LIST - NOTICE TO CONTRACTORS. Deleted.
003-3-FAQ NTC.docx	FREQUENTLY ASKED QUESTIONS - NOTICE TO CONTRACTORS. Deleted.
021-projd.docx	PROJECT DESCRIPTION. Removed the Specifications, Project Schedule, and Employment Agency sections.
022.1-ntc State.docx	NOTICE TO CONTRACTOR FOR STATE CONTRACTS. Added the Electronic Bidding section and Cultural Resources section.
022.2-ntc Federal.docx	NOTICE TO CONTRACTOR FOR FEDERAL CONTRACTS. Added the Electronic Bidding section and Cultural Resources section.

The following supplemental specifications have been updated. The latest versions of the updated supplemental specifications documents, dated May 21, 2024, are located on the SHA Internet website at <https://www.roads.maryland.gov/mdotsha/pages/sscm.aspx?PageId=853&lid=SSP>, on the MDOT SHA Project Development Hub, and on Bid Express. All contracts that open bids after June 6, 2024, must include these revised supplemental specifications, if applicable.

The following specifications were added, deleted, or revised:

<u>File</u>	<u>Description</u>
propformfed2.docx	PROPOSAL FORM PACKET – FEDERAL. Added the Prime - Subcontractor DBE/MBE Commitment Agreement section.
propformst2.docx	PROPOSAL FORM PACKET – STATE. Added the Prime - Subcontractor DBE/MBE Commitment Agreement section.
propformstsbpr2.docx	PROPOSAL FORM PACKET – STATE SMALL BUSINESS. Added the Prime - Subcontractor DBE/MBE Commitment Agreement section.
propformstwithfed2	PROPOSAL FORM PACKET – STATE - WITH BUY AMERICA. Added the Prime - Subcontractor DBE/MBE Commitment Agreement section.

The following SPIs have been revised. The latest versions of the revised specifications documents, dated May 31, 2024, are located on the SHA Internet website at <https://www.roads.maryland.gov/mdotsha/pages/sscm.aspx?PageId=853&lid=SSP>, on the MDOT SHA Project Development Hub, and on the Invitation for Bids System managed by SHA. All contracts with applicable items advertising on or after June 18, 2024, must include these revised specifications. Advertised projects that require an addendum for some other reason should include these revised specifications, if applicable.

The following specifications were added, deleted, or revised:

<u>File</u>	<u>Description</u>
400-436.docx	CLEANING AND PAINTING EXISTING STRUCTURAL STEEL. Revised the Inspection listing, painting ambient temperature requirements, removal and replacement of timber planking. Added cleaning and repairing of drainage troughs.
400-479.docx	PRESSURE INJECTED EPOXY CRACK REPAIR. New specification.
400-481.docx	REMOVING EXISTING BRIDGE SCUPPERS AND DOWNSPOUTS. New specification.
500-504.docx	ASPHALT PAVEMENT. Updates were made to correct minor errors.
900-950.docx	TRAFFIC MATERIALS. Updates were made to sub-section 950.12 Luminaires and Lamps due to the two different types of retroreflective sheeting that were allowed for certain sign types, but only allow one type.

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If there are any questions regarding these updates, please contact Jared Paper-Evers, P.E., SHA Office of Highway Development (OHD) Assistant Division Chief, at 410-545-8400, or via email at jpaperevers@mdot.maryland.gov. He will be happy to assist you.

cc: Benjamin Gilardi, P.E., Division Chief, OHD, SHA
Jared Paper-Evers, P.E., Assistant Division Chief, OHD, SHA