

20260707 – July Specifications Committee Meeting

July Specifications Committee Meeting Agenda

Meeting Date

Tuesday, July 7, 2026 10:00AM

Meeting Location: 190 Dry Branch Drive, Conference Room, MCS&T Division, Charleston, WV

Also meeting virtually via Google Meet video conference. E-mail distribution message includes instruction.

Approved Supplemental Specification changes from last Committee meeting (05/05/26)

- **660.9-Loop Traffic Detectors:** This revision adds Subsection 660.9.1, Loop Traffic Sealant, updating requirements in 660.9 to ensure sealants are tested to ASTM D2240 and properly applied to the roadway surface.
- **662.2.3.5-Electrical Conduit and 662.17-Pay Items:** The revisions adds subsection 662.2.3.5-Type PR (PVC-Coated Rigid Galvanized Steel Conduit “PVC-RGS”) and adds a pay item.
- **715.42.10-Electrical Conduit:** An approved Special Provision from March 2025, now to be a supplemental specification. The revision will replace the current subsection.

Approved Special Provisions (SP) from last Committee meeting (05/05/26)

- **SP 115-Job Order Contracting (JOC):** A new Special Provision that establishes JOC as a contracting method for the WVDOH.
- **SP 614-Piling Walls:** The Special Provisions ties with SP 115 and requires steel piles to be classified and by HCSI, as determined by the Division’s Geotechnical Engineer.
- **SP 645-Reinforced Soil Slopes (EPS):** Revision to the Special Provision establishes requirements for Standard Expanded Polystyrene (S EPS), including properties, testing, and performance, and incorporates applicable provisions of SP 708 for geotextile separation fabric and semi-integral abutments.

Items Removed from the Agenda:

- None

Old Business Items

<u>651</u>	Section 651-Furnishing and Placing Soil	9th time to Committee. (January, March, May, July, September, December 2025; March, May, and July 2026) Three specification changes updating the requirements for seeding and mulching. 1. Section 651-Furnishing and Placing Soil 2. Section 652-Seeding and Mulching a. Updated from the last meeting. 3. Section 715.25-715.32
<u>652</u>	Section 652-Seeding and Mulching	
<u>715</u>	Section 715.25-715.32 (Ground Agricultural Limestone, Fertilizers, Mulch Material, Seed, Inoculating Bacteria,	

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	Biological Growth Stimulants, and Hydraulic Growth Material)	a. (Ground Agricultural Limestone, Fertilizers, Mulch Material, Seed, Inoculating Bacteria, Biological Growth Stimulants, and Hydraulic Growth Material) b. Updated from the last meeting. Additionally, the item has been updated since the last meeting. A “Clean” version of Section 651, 652, and 715 are shown, due to the amount of changes.
	D. Kirk	Item is up for a vote.
<u>SP 106</u>	SP 106.1.4-Use of Domestic Construction Materials (De Minimis Standard)	3rd time to Committee. (March, May, and July) Special Provision for Section 106-Control of Materials, Subsection 106.1.4- Use of Domestic Construction Materials. The revision adds language to Subsection 106.1.4 incorporating the FHWA Build America, Buy America (BABA) De Minimis standard. The Special Provision has been updated since the last meeting to include a reference to MP 106.10.51.
	D. Brayack	Item is up for a vote.
<u>SP106 & 106</u>	SP 106-Build America Buy America (2026) Subsections 106.1.1-Definitions & 106.1.5-State and/or Federal Use of Manufactured Products	3rd time to Committee. (March, May, and July) Special Provision and Supplemental Specification for Section 106-Control of Materials, Subsection 106.1.1-Definitions and 106.1.5- State and/or Federal Use of Manufactured Products. • Subsection 106.1.1: The revision adds the definition of Fifty-Five Percent (55%) Requirement. • Subsection 106.1.5: The revision reflects changes to 23 CFR 635.410. All Manufactured Products and Final Assembly shall occur in America. Manufactured products shall meet the 55% Requirement. *****THIS WILL NEED TO BE ADDED TO PROPOSALS WHEN THE PROJECT IS AUTHORIZED BY THE FEDS ON 10/1/2026 OR LATER.***** This item has been updated since the last meeting to include additional language regarding the “55% Requirement” and to change "Manufacture" to "Manufacturer."
	D. Brayack	Item is up for a vote.

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<u>SP 636</u>	SP 636-Temporary Pavement Markings-Orange	3rd time to Committee. Discussed in April, May, and July. This Special Provision covers the furnishing, application, maintenance, and removal of temporary orange pavement markings used for traffic control within active work zones. The provision is to be used on an experimental project. The Special Provision has been updated; modifies the proposed temporary pavement marking paint lines, changing them to a 4- inch width and to be used in conjunction with existing white and/or yellow pavement markings. T. Whitmore This Item has been updated since the last meeting.
<u>401</u>	401.7.4-Thickness & 401.13.4-	2nd time to Committee. Discussed in May and July. Specification change to 401-Asphalt Base, Wearing, and Patching and Leveling Courses, 401.7.4-Thickness and 401.13.4. The revision allows using MIT Scanning (nondestructive testing) to verify asphalt pavement thickness. It also includes revisions to the acceptance and payment methods. The item has been updated since the last meeting, the changes include: • Requiring non-destructive testing on PWL base layers. • Changing the frequency to 1 measurement per 1,000 ft per paving width. • Addition of a testing request process • Reverting the deficiency criteria to the original standard. K. Welch Item is up for a vote.
<u>506</u>	506.2-Materials	2nd time to Committee. Discussed in May and July. Specification change to 506-Concrete Pavement Repair, 506.2-Materials. This revision allows calcium sulfoaluminate (CSA) cement, specified in Section 701.5 of the Supplemental Specification to be used for concrete repairs in Section 506. No changes since the last meeting. A. Thaxton Item is up for a vote.

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<u>601</u>	601.1-Description 601.3-Proportioning 601.3.1.1.1.3-Level of Prevention 601.16-Pay Items A. Thaxton	2nd time to Committee. Discussed in May and July. Specification change to Section 601-Structural Concrete, the revision adds a new Class BP of Concrete to the following subsections: • 601.1-Description • 601.3-Proportioning (Tables 601.3.1A & 601.3.1D) • 601.3.1.1.1.3-Level of Prevention (Table 601.3.1.1.1.3) • 601.16-Pay Items. This material may be used instead of an approved prepackaged patching material. This item has been updated since the last meeting to change “Class BP” concrete to “Class P” concrete and to create a new pay item number. Item is up for a vote.
<u>615</u>	615.5.6.3-Installation G. Hanna	2nd time to Committee. Discussed in May and July. Specification change to section 615-Steel Structures, subsection 615.5.6.3-Installation. The revision removes references to impact and air-supplied tools and clarifies that bolt tightening wrenches shall have sufficient capacity to achieve tightening in approximately ten (10) seconds. Allows bolt rotation while restraining the nut when necessary to improve constructability. This item has been updated since the last meeting to revise paragraph references and update Subsection 615.5.6.4 to align with the proposed DTI revisions in Subsection 709.24.4.3. The Item is up for a vote.
<u>619 & 705</u>	Section 619-Membrane Waterproofing & 705.7-Waterproofing Materials S. Boggs (EGIS)	2nd time to Committee. Discussed in May and July. Specification change to Section 619-Membrane Waterproofing and Section 705-Asphalt Materials. Section 619 is a complete section rewrite to reflect current waterproofing practices, covering materials, installation, and protection. Section 705 is revised to match these changes and remove outdated requirements. No changes since the last meeting. Item is up for a vote.

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642	642.6.5-Silt Fence: D. Kirk	2nd time to Committee. Discussed in May and July. Specification change to Section 642-Temporary Pollution Control, subsection 642.6.5-Silt Fence. This revision improves silt fence performance and consistency by updating height, embedment, installation, and alignment requirements, including guidance for multiple rows. It also adds ASTM D6461 material standards, defines Standard and High Performance fence types, and updates related tables and pay items. A “Clean” copy is also shown. No update since last meeting. Item is up for a vote.
679	Section 679 Overlaying of Portland Cement Concrete Bridge Decks.	2nd time to Committee. Discussed in May and July. Specification change to various subsections of Section 679 Overlaying of Portland Cement Concrete Bridge Decks. The revisions incorporates very early strength latex modified concrete from the current Special Provision into the specification. • 679.1-Description, • 679.2-Materials, • 679.3.1-Removal of Existing Deck Surface, • 679.3.1.1-Removal of Existing Deck Surface Phase I, • 679.3.1.2-Removal of Existing Deck Surface Phase II, • 679.3.1.4-Disposal • 679.3.3-Preparation of Surface, • 679.3.5-Placement Preconditions, • 679.3.6-Placing, Finishing and Curing Slab Reconstruction Concrete, • 679.3.6.2-Removal of Slab Reconstruction Concrete Surface, • 679.3.7.1-General, • 679.3.7.5.3-Curing Very Early Strength Latex Modified Concrete, • 679.4.3.4-Loading Limitations during Curing, • 679.4.9-Defective or Damaged Concrete, • 679.6.3.1-Blast Cleaning This item has been updated since the last meeting to remove the 6-hour requirement. WVDOH has scheduled an internal meeting in July to review and discuss this provision. Any additional revisions resulting

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	A. Thaxton	from that discussion will be presented at the September meeting.
<u>697</u>	Section 697 – Safety Inspection of In-Service Bridges During Construction T. Brown	2nd time to Committee. Discussed in May and July. This item was previously approved as a Special Provision on January 27, 2026, and is now being converted to a Supplemental Specification. The revision updates the names associated with NBI inspections and shortens the report submission timeframe to better align with our Consultant Inspection Contracts. There have been no updates since the last meeting. Item is up for a vote.
<u>701</u>	701.1-Portland Cement A. Thaxton	2nd time to Committee. Discussed in May and July. Specification change to Section 701, 701.1-Portland cement. The revision adds Type III cement for items in Section 603, 506, and precast concrete applications when specified. There have been no updates since the last meeting. Item is up for a vote.
<u>709</u>	709.1.3- Galvanized Coated Bars for Concrete Reinforcement G. Hanna	2nd time to Committee. Discussed in May and July. This item was previously approved as a Special Provision on March 5, 2025, and is now being converted to a Supplemental Specification. The revision adds inspection requirements for galvanized reinforcing steel. The revision also adds requirements if ASTM A767 is used as the method of galvanizing. The item has been updated since the last meeting to include language regarding the location of inspection. Item is up for a vote.
<u>709</u>	709.24.4.3 (Direct Tension Indicators (DTIs)) G. Hanna	2nd time to Committee. Discussed in May and July. This revision introduces new subsection 709.24.4.3 for Direct Tension Indicators (DTIs), providing an additional method for tightening bolted connections and establishing that DTIs, when used to indicate bolt tension, must conform to ASTM F959. The item has been updated since the last meeting and adds language regarding the “Turn-of-Nut” tightening method when DTIs are used. Item is up for a vote.

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New Business Items

SECTION	TITLE	DESCRIPTION
<u>SP 103</u>	SP 103-Alternate Design and Alternative Bidding (ADAB) K. Welch	1st time to Committee. The proposed revision is in response to several Design Directive (DD) updates that reference the WVDOT Life-Cycle Cost Analysis (LCCA) Report and require corresponding changes to SP 103. The changes update the ADAB provisions to incorporate references to DD-648, clarify the relationship between the ADAB process and the LCCA methodology, and identifies the LCCA Report as the source of the Life-Cycle Cost Factor calculations used in the bid evaluation process.
<u>401 & 410</u>	401.4.2-Job Mix Formula & 410.4.2-Job Mix Formula K. Huffman	1st time to Committee. Specification change to Section 401-Asphalt Base, Wearing, and Patching and Leveling Courses, and Section 410-Asphalt Base and Wearing Courses Percent With Limits (PWL). The following subsections were revised: • Section 401: 401.4.2-Job Mix Formula • Section 410: 410.4.2-Job Mix Formula The changes add requirements for a 19 mm surface course, including a minimum requirement of 47% passing the No. 4 sieve for both Tables 401.4.2B and 410.4.2B. As a result, new subsections 401.4.2.2 and 410.4.2.2 have been added to support these requirements. The revision also removes the 37.5 mm mix from Tables 401.4.2B and 410.4.2B, as it is no longer utilized. To facilitate use on projects a new item number will be created and is shown for illustrative purposes only.
<u>406</u>	406.2-Materials K. Huffman	1st time to Committee. Specification change to Section 406, 406.2-Materials. Updates the reference from AASHTO MP 41 to AASHTO M 354. Both specifications are titled "Standard Specification for High Friction Surface Treatment for Asphalt and Concrete Pavements Using Calcined Bauxite." This change updates the referenced standard but does not alter the intent or requirements of the specification.

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<u>410</u>	410.7.1.4-Thickness & 410.7.1.5-Bond Strength S. Boggs	1st time to Committee. Specification change to Section 410, subsections 410.7.1.4-Thickness and 410.7.1.5-Bond Strength. The revision updates MP references.
<u>420</u>	420.4.6-Surface Preparation & 420.4.9-Weather and Seasonal Limitations K. Welch	1st time to Committee. Specification Change Section 420, subsections 420.4.6-Surface Preparation and 420.4.9-Weather and Seasonal Limitations. The following updates were made: • 420.4.6-Surface Preparation: Revision adds “standing water” as an additional condition that must be removed from the surface prior to placement. • 420.4.9-Weather and Seasonal Limitations: Revision increases the minimum placement temperature from 45°F to 50°F.
<u>601</u>	601.3.1-Mix Design Requirements A. Thaxton	1st time to Committee. Specification change to 601, subsection 601.3.1-Mix Design Requirements. This revision removes Class K and Class S concrete from the Surface Air Meter (SAM) requirements in Section 601.3. Class K is no longer used for bridge deck applications, the original intended use of SAM testing, and corresponding Surface Resistivity requirements were never added for this concrete class. Class S was inadvertently included in the specification before the related provision was fully implemented and used on projects.
<u>601</u>	601.3.2.4 & 601.3.2.4.1 A. Thaxton	1st time to Committee. Specification update to Section 601-Structural Concrete, subsection 601.3.2.4-Total Solids $\bar{A}$ and 601.3.2.4.1-Optimized Aggregate Gradation. The update revises the frequencies for gradation and Total Solids $\bar{A}$ based upon an industry proposal and internal discussion with Districts.
<u>601</u>	601.4.4-Compressive Strength Test for Acceptance I. Shaffer	1st time to Committee. Specification update to Section 601-Structural Concrete, subsection 601.4.4-Compressive Strength Tests for Acceptance. The revision removes references for the 6”X12” test cylinders and MP 711.03.23.

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<u>SP 601</u>	SP 601-Class H Lightweight Concrete A. Thaxton	1st time to Committee. Special Provision to Section 601.3 removes the RCP test requirement to comply with the 2026 Supplemental Specifications, which include Surface Resistivity requirements.
<u>603</u>	603.6.2.1-Class S-P Concrete Mix Design Testing J. Reese	1st time to Committee. Specification change to Section 603, subsection 603.6.2.1-Class S-P Concrete Mix Design Testing. The revision updates Table 603.6.2.1C and removes the 6" x 12" cylinder size option for the Compressive Strength Test.
<u>662</u>	662.11-Lighting Supports S. Boggs	1st time to Committee. Specification change to Section 662-Lighting, subsection 662.11-Lighting Supports. The revision updates the reference for anchor bolt installation, tightening, and testing requirements to reflect the current requirements contained in Section 658.5.6. Minor editorial revisions are also included to improve readability and clarify the requirements for lighting support alignment and placement.
<u>688</u>	688.5.3-Small Quantity Field Painting Exemption K. Trent	1st time to Committee. Specification Change to Section 688-Field Painting of Metal Structures, subsection 688.5.3-Small Quantity Field Painting Exemption. The revision adds a subsection allowing exemption from SSPC QP-1 and SSPC QP-2 certification requirements for small quantity field painting. Subsequent subsections are renumbered accordingly.

New items and updates for the September 1, 2026 meeting are due by **August 7, 2026**.

Comments

Comments are requested for Specifications Changes and Project Specific Special Provisions as they help in the decision-making process. Please send comments by Friday prior to the meeting!

Please Send Comments to: Kristy.J.Huffman@wv.gov.

The **2026 Supplemental Specifications and order forms** are available on the MCS&T webpage:
<https://transportation.wv.gov/highways/mcst/Pages/specifications.aspx>

- Note: Physical copies of the 2026 Supplemental Specifications are available at no cost to DOH and State personnel. Industry members may purchase copies using the order form available at the link above.

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If you are the '**Champion**' of any Specification Changes and/or Project Specific Special Provisions currently in the Specification Committee, it is your responsibility to edit/update/revise your items in a timely manner per Specification Committee Guidelines.

NOTE: Failure to submit updates may result in removal of item and/or delays.

File Format Structure and Progression of items through Specifications Committee

The purpose of the protocol below is to provide guidance on the file structure of Proposed Specifications & Project Specific Provisions as they progress through Specifications Committee. This procedure would facilitate a means of tracking changes from meeting to meeting as the agenda & provisions are posted publicly online on the Spec Committee website.

NEW BUSINESS ITEMS:

New items should be setup & submitted in the following format along with a brief overview of the item or reason for the change:

1. **Specification Changes** – Show as red-line copy (see note)
2. **Project Specific Special Provisions (SP)** – Will be shown in all black.
3. **Updates to approved SP** – Shown as red-line copy.

NOTE: Red-line copy is a form of editing which indicates removal or addition of text. You can redline a Microsoft Word document by using the built-in "Track Changes" feature.

OLD BUSINESS ITEMS:

Updated provisions that were discussed at the last committee meeting should be set up in the following format:

- Redline copy from prior meeting would not be shown.
- Redline copy of new changes/updates (from previous meeting)

PROGRESSION OF ITEMS THRU COMMITTEE AND APPROVAL:

Depending on how important the project and/or comments/discussion of item at previous meeting, then several things can happen in no particular order.

- Few comments/discussion/minor changes...will recommend approval of item at next meeting.
- A lot of comments/discussion...will not recommend approval at next meeting; item will be updated and reviewed again at the next meeting.
- SPs in committee may be used in advertised project. Hope to work to address comments & finish approving at subsequent meeting.