

20260901 – September Specifications Committee Meeting

September Specifications Committee Meeting Agenda

Meeting Date

Tuesday, September 1, 2026 10:00 AM

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

Also meeting virtually via Google Meet. E-mail distribution message includes instructions.

Approved Supplemental Specification changes from last Committee meeting (07/07/26)

- **Section 651-Furnishing and Placing Soil:** This is an entire section rewrite and updates the requirements for seeding and mulching.
- **Section 652-Seeding and Mulching:** This is an entire section rewrite and updates the requirements for seeding and mulching.
- **715.25-715.32:** This revision updates the requirements for seeding and mulching.
- **106.1.1-Definitions and 106.1.5-State and/or Federal Use of Manufactured Products:** The revision adds the definition of Fifty-Five Percent (55%) requirement and reflects changes to 23 CFR 635.410. All manufactured products and final assembly shall occur in America. Manufactured products shall meet the 55% Requirements.
- **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.
- **601.1-Description, 601.3-Proportioning, 601.3.1.1.1.3-Level of Prevention and 601.16-Pay Items:** The revision adds new “Class P” of Concrete, which is another option for patching concrete.
- **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.
- **Section 619-Membrane Waterproofing:** The revision is a complete section rewrite to reflect current waterproofing practices, covering materials, installation, and protection.
- **705.7-Waterproofing Materials:** Revised to match these changes in Section 619 and remove outdated requirements.
- **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.
- **Section 697–Safety Inspection of In-Service Bridges During Construction:** The revision updates the names associated with NBI inspections and shortens the report submission timeframe to better align with our Consultant Inspection Contracts. A current special provision incorporated into supplemental specifications.
- **701.1-Portland Cement.** The revision adds Type III cement for items in Section 603, 506, and precast concrete applications when specified.
- **709.1.3-Galvanized Coated Bars for Concrete Reinforcement:** The revision adds inspection requirements for galvanized reinforcing steel and requirements if ASTM A767 is used as the method of galvanizing.

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- **709.24.4.3-Direct Tension Indicators (DTIs):** The revision provides an additional method for tightening bolted connections and establishing that DTIs, when used to indicate bolt tension, must conform to ASTM F959.

Approved Special Provisions (SP) from last Committee meeting (07/07/26)

- **SP 106.1.4-Use of Domestic Construction Materials (De Minimis Standard):** The revision adds language to Subsection 106.1.4 incorporating the FHWA Build America, Buy America (BABA) De Minimis standard.
- **SP 106-Build America Buy America:** The revision adds the definition of Fifty-Five Percent (55%) requirement and reflects changes to 23 CFR 635.410. All manufactured products and Final Assembly shall occur in America. Manufactured products shall meet the 55% Requirements. This SP will need to be included in proposals for projects authorized by the federal government on or after October 1, 2026.

Items Removed from the Agenda:

- **SP 636-Temporary Pavement Markings-Orange**

Old Business Items

401	401.7.4-Thickness & 401.13.4-	3rd time to Committee. Discussed in May, July, and September. 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: • Added language preventing additional lifts prior to thickness testing. • Increased testing frequency to 1 test per 800 ft. • Require Contractor to core and refill cores when necessary. • Added 0.08" or 2mm tolerance.	K. Welch	Item is up for a vote.
679	Section 679 Overlaying of Portland Cement Concrete Bridge Decks.	3rd time to Committee. Discussed in May, July, and September. 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,		

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	A. Thaxton	• 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 pending another follow-up meeting based on Industry comments.
SP 103	SP 103-Alternate Design and Alternative Bidding (ADAB) K. Welch	2nd time to Committee. Discussed in July and September. The proposed revision is in response to several Design Directive (DD) updates that reference the WVDOH 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. Revisions since the last meeting include adding the word “to” back into the sentence in subsection 103.2.2.1. Item is up for a vote.

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401 & 410	401.4.2-Job Mix Formula & 410.4.2-Job Mix Formula	2nd time to Committee. Discussed in July and September. 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. No revisions since the last meeting. K. Huffman Items are up for a vote.
406	406.2-Materials	2nd time to Committee. Discussed in July and September. 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. No revisions since the last meeting. K. Huffman Item is up for a vote.
410	410.7.1.4-Thickness & 410.7.1.5-Bond Strength	2nd time to Committee. Discussed in July and September. Specification change to Section 410, subsections 410.7.1.4-Thickness and 410.7.1.5-Bond Strength. The revision updates MP references.

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	S. Boggs	No revisions since the last meeting. Item is up for a vote.
420	420.4.6-Surface Preparation & 420.4.9-Weather and Seasonal Limitations K. Welch	2nd time to Committee. Discussed in July and September. 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. Revisions since the last meeting include clarifying in subsection 420.4.6 that the tack requirement applies to diluted emulsion. Item is up for a vote.
601	601.3.1-Mix Design Requirements A. Thaxton	2nd time to Committee. Discussed in July and September. 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. Revisions since the last meeting included removing the unit “psi” from “0.20 psi,” as “0.20” was intended to be unitless. Item is up for a vote.

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601	601.3.2.4 & 601.3.2.4.1	2nd time to Committee. Discussed in July and September. Specification update to Section 601-Structural Concrete, subsection 601.3.2.4-Total Solids A and 601.3.2.4.1-Optimized Aggregate Gradation. The update revises the frequencies for gradation and Total Solids A based upon an industry proposal and internal discussion with Districts. No revisions since the last meeting. A. Thaxton Item is up for a vote.
601	601.4.4-Compressive Strength Test for Acceptance	2nd time to Committee. Discussed in July and September. Specification update to Section 601-Structural Concrete, subsection 601.4.4-Compressive Strength Tests for Acceptance. The revision removes references for the 6" X 12" test cylinders and MP 711.03.23. No revisions since the last meeting. I. Shaffer Item is up for a vote.
SP 601	SP 601-Class H Lightweight Concrete	2nd time to Committee. Discussed in July and September. Special Provision to Section 601.3 removes the RCP test requirement to comply with the 2026 Supplemental Specifications, which include Surface Resistivity requirements. Revisions since the last meeting include updating the third paragraph of subsection 601.3 for Class H Lightweight Concrete and adds revised subsection 601.4.5 to the Special Provision. Both updates to the Special Provision adds surface resistivity requirements. A. Thaxton
603	603.6.2.1-Class S-P Concrete Mix Design Testing	2nd time to Committee. Discussed in July and September. 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. No revisions since the last meeting.

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	J. Reese	Item is up for a vote.
662	662.11-Lighting Supports	2nd time to Committee. Discussed in July and September. 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. Revisions since the last meeting include removing the letter “s” off of “subsections”.
	S. Boggs	Item is up for a vote.
688	688.5.3-Small Quantity Field Painting Exemption	2nd time to Committee. Discussed in July and September. 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.
	K. Trent	No revisions since the last meeting.

New Business Items

SECTION	TITLE	DESCRIPTION
108	Section 108-Prosecution and Progress	1st time to Committee. Comprehensive rewrite of Section 108 to incorporate changes from the Section 108 working group. Revisions primarily address the Construction Schedule requirements and Field Office Overhead provisions.
	S. Smith	
206 & 626	206.2-Reference Documents 206.3.1-General: &	1st time to Committee. Specification change to Section 206-Base Course Reinforcement Geogrid, subsections 206.2-Reference Documents 206.3.1-General and Section 626-Retaining Wall Systems, subsection 626.5.1.1.6-Geosynthetics Soil Reinforcing or Attachment Devices.

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	626.5.1.1.6-Geosynthetics Soil Reinforcing or Attachment Devices: L. Ford	The revisions remove the title and contents of Subsection 206.2 – Reference Documents, leaving Subsection 206.2 blank. Additionally, Subsections 206.3.1 and 626.5.1.1.6 are revised to add requirements that the material be evaluated by AASHTO Product Evaluation and Audit Solutions.
SP 471	SP 471-Longitudinal Joint Stabilizer V. Allison	1st time to Committee. This item proposes combining the existing Special Provisions 471 and 708.11 into a single LJS Special Provision. The original SP 471 and accompanying SP 708.11 were approved by the Spec Committee and FHWA in 2013. This update combines the existing requirements into one provision, cleans up the formatting, and adds a conventional LJS pay item. There are no significant changes proposed to the existing LJS requirements.
501	501.19-Tolerance in Pavement Thickness & 501.23-Basis of Payment. K. Welch	1st time to Committee. Specification change to 501-Portland Cement Concrete Pavement: 501.19-Tolerance in Pavement Thickness and 501.23-Basis of Payment. The revision simplifies the current procedure used to verify concrete pavement thickness. It includes revisions to the testing frequency, request and payment methods.
506	506.2-Materials L. Ford	1st time to Committee. Specification change to Section 506-Concrete Pavement Repair, subsection 506.2-Materials. The revision adds AASHTO product and evaluation requirements for epoxy material.
601	601.3-Proportioning A. Thaxton	1st time to Committee. Specification change to 601-Structural Concrete, subsection 601.3-Proportioning. The revision clarifies the curing method for Surface Resistivity is to be the accelerated curing method defined in AASHTO T358.
601	601.4.5-Tests for Surface Resistivity Acceptance of Class H Concrete	1st time to Committee.

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	A. Thaxton	Specification change to 601-Structural Concrete, subsection 601.4.5-Tests for Surface Resistivity Acceptance of Class H Concrete. The revision clarifies the curing method for Surface Resistivity is to be the accelerated curing method defined in AASHTO T358.
626	Section 626-Retaining Wall Systems J. Reese	1st time to Committee. Section 626 was revised at the request of the Geotechnical Design Unit to clarify that Gravity Walls are a type of retaining wall. The subsections were also updated to include changes relevant to Gravity Walls. Additionally, at the request of the Aggregate Section, the pH test method was changed from AASHTO T 289 to ASTM G51 following discussions at the AASHTO Comp Conference.
679	679.2.2-Specialized Concrete Mix Design and Testing A. Thaxton	1st time to Committee. Specification change to Section 679-Overlaying of Portland Cement Concrete Bridge Decks, subsection 679.2.2-Specialized Concrete Mix Design and Testing. The revision incorporates curing requirements for surface resistivity.
715	715.14.1-Approval for Bearing Pads With Shims J. Gum	1st time to Committee. Specification change to Section 715-Miscellaneous Materials, subsection 715.14.1- Approval for Bearing Pads With Shims. The revision deletes and replaces the current subsection to reference MP 715.14.01.
601	SP 601-Class S Concrete A. Thaxton	1st time to Committee. The revised Special Provision updates the surface resistivity specimen curing conditions and updates Table 601.4.1.6 for price adjustments to match the current specification. Additionally, the acceptance requirements was lowered to 30 kΩ-cm to match Class H concrete, but maintains 40 kΩ-cm for mix design approval.

New items and updates for the November 5, 2026 meeting are due by **October 9, 2026.**

Comments

Comments are requested for Specification 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.

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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.

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 set up & submitted in the following format along with a brief overview of the item or reason for the change:

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

NOTE: Redline 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.