



SPECIFICATION
UPDATE



QUESTION 1

WHEN AND WHERE ARE THE SPECIFICATION COMMITTEE MEETINGS HELD?

- **Odd Month Rotation**
 - Next Meeting: **March 05, 2025**
- **Available online or in-person 9:00am-11:00am**
- **Meeting Location:**
 - Building 5, Conference Room 820
- **Agendas & Minutes**
 - <https://transportation.wv.gov/highways/TechnicalSupport/specifications/SPECC OMIT/Pages/default.aspx>
- **Distribution List**





QUESTION 2

ARE YOU GUYS GOING TO PRINT THE 2025 SUPPLEMENTAL SPECIFICATIONS?

A Tyrannosaurus Rex is shown in profile, facing right, with its mouth open as if speaking. To its right is a large, orange, cloud-like thought bubble containing the word "YES!" in white, bold, serif capital letters.

YES!

2025 Supplemental Specifications are found on our webpage:

- <https://transportation.wv.gov/highways/TechnicalSupport/specifications/Pages/default.aspx>



QUESTION 3

WAS THERE ANYTHING IMPORTANT APPROVED IN 2024?

Section 720-Smoothness Testing

- Updates turn around time for testing.
- Removal of Schedule 3 Paving.





QUESTION 4

WHAT'S GOING ON NOW IN COMMITTEE?

Special Provisions (SP)

- Approved: SP 695-Mainline Pavement

Eight (8) Total SP's:

- SP 106-Build America Buy America
 - **THIS WILL NEED TO BE ADDED TO PROPOSALS WHEN THE PROJECT IS AUTHORIZED BY THE FEDS ON 10/1/2025 OR LATER.**

SECTION 106 CONTROL OF MATERIALS

106.1-SOURCE OF SUPPLY AND QUALITY REQUIREMENTS:

106.1.1-Definitions:

ADD THE FOLLOWING DEFINITION TO THE SUBSECTION:

“Manufactured products” means articles, materials, or supplies that have been processed into a specific form and shape, or combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies. If an item is classified as an iron or steel product, an excluded material, or other product category as specified by law or in 2 CFR part 184, then it is not a manufactured product. However, an article, material, or supply classified as a manufactured product may include components that are iron or steel products, excluded materials, or other product categories as specified by law or in 2 CFR part 184. Mixtures of excluded materials delivered to a work site without final form for incorporation into a project are not a manufactured product.

ADD THE FOLLOWING SUBSECTION TO THE SECTION:

106.1.5-State and/or Federal Use of Manufactured Products: All manufactured products used in the project are to be produced in the United States. The final assembly of the manufactured product shall be manufactured in the United States and compliant with the “Infrastructure Investment and Jobs Act,” Section 70901-52, entitled the “Build America, Buy America Act.” Section 70901-52, entitled the “Build America, Buy America Act” as implemented by the Office of Management and Budget (OMB) in the OMB Memorandum M24-02, and MP 106.10.50.

UPDATE THE TITLE OF THE SUBSECTION BELOW:

106.1.~~56~~-Exceptions:

WHAT'S GOING ON NOW IN COMMITTEE?

Specifications

- Currently nineteen (19) total.
- Agenda is over 100 pages.
- Let's highlight
 - Section 410-Bond Strength
 - Section 609-Detectable Warning Surfaces
 - Sections 651, 652, 715, & 642

What's up?!



WHAT'S GOING ON NOW IN COMMITTEE?

Section 410-Asphalt Base And Wearing Courses, Percent With Limits (PWL),

- Subsection 410.7.1.5-Bond Strength
- Subsection 410.13.6-Bond Strength Adjustment

Revision waives negative price adjustments given a proper tack coat application as per a contractor's quality control plan.

SECTION 410 ASPHALT BASE AND WEARING COURSES, PERCENT WITHIN LIMIT (PWL)

410.7-ACCEPTANCE TESTING:

410.7.1-Acceptance Testing of Asphalt:

410.7.1.5-Bond Strength:

REMOVE AND REPLACE SUBSECTION 410.7.15 WITH THE FOLLOWING:

Bond Strength Testing shall be conducted to ensure the creation of a monolithic layered pavement; this is typically achieved by the application of a tack coat between pavement layers. Any tack coats applied by the Contractor shall be applied in accordance with Section 408.

Bond Testing shall be performed on all surface layers beginning with the existing pavement layer and then all intermediate pavement layers called for in the proposal and plans, this testing shall be performed on all traveled lanes and shoulders.

Bond Testing is not required for pavement layers placed on top of a granular type layer (aggregate base, rubblized concrete, macadam, etc.). In addition, Bond testing is not required ~~If~~ if an asphalt pavement layer is to be placed atop a concrete surface, Bond Strength testing is not required ~~is not required~~ however, a tack coat shall be applied in accordance with Section 408 to ensure complete coverage of the surface and to the satisfaction of the Engineer.

Core Bond strength shall meet a minimum of 400-50 psi when tested in accordance with ~~the~~ MP 410.07.23 Guide to Determining Interface Bond Shear Strength.

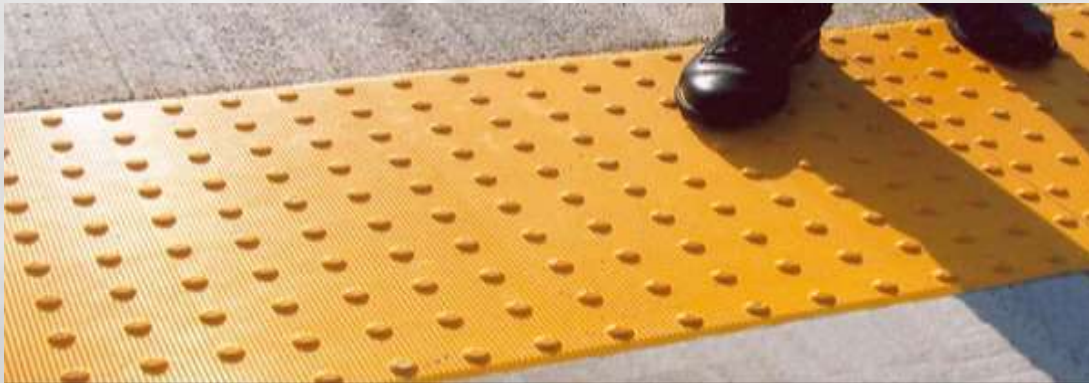
For layers requiring Bond Testing the following requirements shall be adhered to:

- All negative price adjustments shall be waived on the initial lot of each material given a tack coat is applied in accordance with the construction methods prescribed in Section 408 and the pavement has a full coverage application.
- If after the first lot, the Bond testing results fail to meet the minimum requirements, sufficient effort as described in the Contractors Quality Control Plan shall be made to achieve the minimum Bond testing threshold. QCPs shall include descriptions of alternative methods which the Contractor will utilize to improve Bond testing results.
- If the underlying materials show an inability to support an adequate bond, negative adjustments shall be waived, and the Contractor shall continue to tack in accordance with 408. No further Bond testing shall be required.
- On subsequent lots, if such alternative methods are implemented and however, Bond testing results do not improve, the Contractor shall continue to utilize

WHAT'S GOING ON NOW IN COMMITTEE?

Section 609-Sidewalks

- **609.2.1-Detectable Warning Surface**
 - Revision requires the products to meet AASHTO-Product Evaluation and Audit Solutions testing T388 requirements.
 - Lists dome size requirements.



SECTION 609 SIDEWALKS

609.2-MATERIALS:

609.2.1-Detectable Warning Surfaces:

DELETE THE CONTENTS IN SUBSECTION 609.2.1 AND REPLACE WITH THE FOLLOWING:

Detectable warning panels shall have a detectable warning surface meeting Proposed Accessibility Guidelines for Pedestrian Facility in Public Right of Way (PROWAG), latest edition, requirements. The detectable warning surface should be comprised of truncated domes. Detectable warning panel and surface dimensions shall be ADA Standards for Accessible Design compliant. The panel dimensions shall not deviate more than 1/16 inch. Detectable warnings shall be evaluated by AASHTO Product Evaluation and Audit Solutions. The results shall meet the requirements of AASHTO T 388. AASHTO T 388 requires ADA Standards for Accessible Design dimensions of Detectable Warnings. The dome dimension range requirements before and after testing are shown in Table 609.2.1.

Dimensions of Reference from ADA Standards for Accessible Design:

TABLE 609.2.1

Dome Element	Dome Dimension Ranges Before and After Testing
Dome Size Base Diameter	0.9 inch minimum – 1.4 inch maximum
Dome Size Top Diameter	50% of Base Diameter min – 65% of Base Diameter max
Dome Height	0.2 inch required

The panel colors shall be as shown in the plans or as approved by the Engineer. The panel shall contrast visually with adjacent gutter, street or highway, or curb ramp surface, either light-on-dark or dark-on-light. The color black shall not be accepted. -The panels shall be textured to provide a slip resistant surface.

There shall be two (2) types of warning surfaces: panels for fresh concrete surfaces while the concrete is still plastic and panels for cured concrete surfaces. Mold-in-place concrete domes, brick pavers, tiles, or iron or steel warning systems shall not be used. Detectable warning panels must be on the WVDOT Approved Products List. All materials to be used shall be covered by a five (5) year manufacturer warranty under normal conditions. The installed device dimensions shall remain ADA Standards for Accessible Design compliant for the duration of the warranty period.

WHAT'S GOING ON NOW IN COMMITTEE?



Section 651-Furnishing and Placing Soil

Section 652-Seeding and Mulching

Section 715.25-715.32

- Ground Agricultural Limestone, Fertilizers, Mulch Material, Seed, Inoculating Bacteria, Biological Growth Stimulant, and hydraulic growth material.

Type of Fertilizer	Actual Quantity Used Pounds	Pay Quantity Pounds
5-10-5	100	50
8-16-8	100	80
10-20-10	100	100
12-24-12	100	120
15-30-15	100	150
<u>18-46-0</u>	<u>100</u>	<u>180</u>

Section 642-Silt Fence



ITEM	DESCRIPTION	UNIT
<u>642011-*</u>	<u>Temporary Silt Fence</u>	<u>Linear Foot</u>
<u>642012-*</u>	<u>Standard Silt Fence</u>	Linear Foot
<u>642013-*</u>	<u>High Strength Silt Fence</u>	<u>Linear Foot</u>

*Sequence number

AKA Doug Kirk →



THANK YOU!

CONTACT INFO: JANIE ADKINS

EMAIL: JANIE.M.ADKINS@WV.GOV

PHONE: [\(304\) 414-6978](tel:(304)414-6978)

