WVDOH Specifications Committee
Meeting Minutes
Friday, December 7, 2018
Building Five, Room 855 – 9:00 a.m.

Voting Members in Attendance:
Jason Boyd, Contract Administration Division
Joe Hall, Engineering Division
Paul Farley, Materials Control, Soils & Testing Division
Phillip Cook, Maintenance Division
Ted Whitmore, Traffic Engineering Division

(see sign in sheet for a list of all attendees)

NOTE: The committee could not meet on Wednesday, December 5, 2018, as it was a holiday and WV state offices were closed; Governor Justice scheduled the holiday for observation of President George H. W. Bush death. The December Specifications committee meeting was rescheduled for Friday, December 7, 2018.

1. Discussed Approved Permanent Specification changes from last Committee meeting (10/3/18).

2. Discussed Approved Project Specific Special Provisions (SP) from last Committee meeting (10/3/18).

3. Begin Discussion of Old Business Items

4. Section 604-Pipe Culverts
   - Change ASTM 877 reference to ASTM C877 in 604.6.1
     Vote: Yes – 5, No – 0 as noted

Division 700 Specification changes related to Pipe Culverts revision were also included:
   a. Section 708-Joint Materials, Subsections 708.5 thru 708.9-Bitumen Sealant
   b. Section 713-Metal Pipe
   c. Section 714-Concrete, Clay, Fiber, & Plastic Pipe
      - No Comment on any of the three
      Vote: Yes – 5, No – 0 to approve all three
5. **Section 606-Underdrains, Subsections 606.1-Description, 606.2-Materials, 606.6-Pay Items**
   - No Comment
   - Vote: Yes – 5, No – 0

6. **SP 655-Tied Concrete Block Erosion Mat**
   - No Comment
   - Vote: Yes – 5, No – 0

7. **Section 420-Single/Multiple Course Micro Surfacing**
   - Clarify AASHTO M 316 requirements in 420.2.3
   - Change AASHTO M 17 reference to AASHTO T176 in 420.4.10
   - Vote: Yes – 5, No – 0 as noted

8. **Section 716-Embankment and Subgrade Material, Subsections 716.1-General, Section 716.1.1.2-Granular Material**
   - Move the last sentence of 716.1.1.2 to after the second sentence so that the gradation items are together
   - Add AASHTO T-89 to 716.1.1.2
   - Vote: Yes – 5, No – 0 as noted

9. **SP 695-Mainline Pavement**
   - No Comment
   - Vote: Yes – 5, No – 0

10. **SP 320-Aggregate Course and Speed Control Mounds for Truck Escape Ramp**
    - No Comment
    - Vote: Yes – 5, No – 0

11. **Gradation Subsection Revisions:**
    a. **Section 207-Excavation and Embankment, Subsection 207.2.2.2-Gradation**
    b. **Section 212-Structures, Rock, and Wet Excavation, Subsection 212.2.5.2-Gradation**
    c. **Section 307-Crushed Aggregate Base Course, Subsection 307.2.4.1.2-Gradation**
    d. **Section 604-Pipe Culverts, Subsection 604.2.4.2-Gradation**
    e. **Section 609-Sidewalks, Subsection 609.2.5.1-Gradation**
       - No Comment on any of the five gradation subsections
       - Vote: Yes – 5, No – 0 to approve all five

12. **Section 401-Asphalt Base, Wearing, and Patching and Leveling Courses, Subsections 401.5.1-Procedures, Section 401.6.4-Compaction, Section 401.7.3-Compaction, Section 401.13-Basis of Payment**
    - Written comment before the meeting (from Pat Parsons) with notes from the Asphalt Subcommittee meeting on the item
      - Industry highlighted the need for training of new technicians and retraining of current technicians on the new procedures required in proposed changes to 401.
• The committee agreed that it would be best to wave mat and joint penalties associated with the new specification for one year. Industry supports maintaining current pay adjustments for mat density and use of the provision as a shadow spec for one year while industry and DOH can jointly address the need for training
• The DOH said they will look at how to accomplish this prior to the Specification Committee meeting
(Discussion ensued)
• Table 401.13.3B not to be enforced on projects until after 1/1/2020
Vote: Yes – 4, No – 1 as noted

13. **Section 607-Guardrail, Subsections 607.1-Description, Section 607.2-Materials, Section 607.4-Erecting Rail Elements, Section 607.5-Guardrail Removed and Rebuilt or Stored**
   • No Comment
   Vote: Yes – 5, No – 0

Division 700 Specification changes related to Guardrail revision were also included:
   a. **Section 712.5-Zinc Aluminum Magnesium Alloy Coated Steel Deep Beam Type Guardrail**
      • No Comment
      Vote: Yes – 5, No – 0

14. **SP 688-Water Jetting**
   • No Comment
   Vote: Yes – 5, No – 0

15. **Section 105-Control of Work, Subsection 105.6.1-Division Owned Utilities**
   • No Comment
   Vote: Yes – 5, No – 0

16. **Section 601-Structural Concrete, Subsection 601.13.3-Concrete Protective Coating**
   • Written comment before the meeting (from Pat Parsons) that the cost for applying protective coat on new concrete and cost of coating existing concrete are going to be radically different
      (Discussion ensued)
   Vote: Yes – 5, No – 0

Division 700 Specification changes related to coatings revision were also included:
   a. **Section 711-Paints, Coatings, Oils, and Inks, Subsections 711.1 through 711.22**
      • No Comment
      Vote: Yes – 5, No – 0

17. **Section 640-Field Office and Storage Building, Subsection 640.4.5-Minimal Field Office**
   • No Comment
   Vote: Yes – 5, No – 0
18. **Section 657-Roadside Sign Supports**
   - Change 1.75” to 2” for square tube support
     Vote: Yes – 5, No – 0 as noted

Division 700 Specification changes related to Sign Support revision were also included:
   a. 709.51-Surface Mount Sign Support Breakaway Devices
   b. 709.52-Steel Beam Sign Support Omni-directional Breakaway
   c. 709.53-Square Tube Sign Support
   d. 709.54-Back to Back U-Channel Sign Support Breakaway
   e. 709.55-Type A and B Barrier Wall Sign Support Brackets
      - Change 1.75” to 2” for square tube support
      - Clarify effective dates in ‘crashworthy’ areas
     Vote: Yes – 5, No – 0 to approve all five as noted

19. **Section 658-Overhead Sign Structures**
   - Remove stainless steel connection hardware
     Vote: Yes – 5, No – 0 as noted

20. **Section 661-Traffic Signals and Delineator**
    - No Comment
     Vote: Yes – 5, No – 0

Division 700 Specification changes related to Guardrail revision were also included:
   a. 715.9.3-Channelizing Devices
   b. 715.9.4-Reflective Sign Support Strip
      - No Comment
     Vote: Yes – 5, No – 0 to approve two

21. **Section 664-Traffic Safety Devices, Subsections 664.2-Materials, 664.3-Construction Method**
    - No Comment
     Vote: Yes – 5, No – 0

Division 700 Specification changes related to Guardrail revision were also included:
   a. 715.41-Traffic Safety Devices
      - No Comment
     Vote: Yes – 5, No – 0

22. **Section 720-Smoothness Testing**
    - Written comment before the meeting (from Pat Parsons) with notes from the Asphalt Subcommittee meeting on the item:
      - There was considerable discussion of 720.6 and application of the provision as detailed in 720.2.1, 720.2.2 and 720.3. The department said they will consider changes for “asphalt resurfacing” and “total design thickness” to make the provisions’ threshold applicable to thin asphalt mixes
• Industry also took exception to the incentive language in 720.6.3 that states “if the average percent improvement for the entire project is less than 50% the project will not be eligible for price adjustment
• Industry said 50% is not reasonable based on past data showing that 30 to 35% improvement is average. Industry suggested the department look at their history of test results
• The department agreed this issue needs further study as it may not be worth the effort for the department to run all projects in advance of bidding
• The committee recommended not approving the provision at the December specification meeting
• Industry further noted that IRI numbers are not getting placed in proposals and the DOH said that they would work on that issue too
• Industry agree to gather data on percent improvement specifications from surrounding states

(Discussion ensued)
• In Table 720.6.3 remove 75.0 or Greater row and modify 50.1 to 74.9 to say 50.1 or Greater. Change 900 in equation to 700

Vote: Yes – 5, No – 0 as noted

23. Section 707.15-Hydration Control, Stabilizing Admixtures for Concrete
   • No Comment
   Vote: Yes – 5, No – 0

24. Begin Discussion of New Business Items

25. SP 105-Dates of Governing Specifications and Standard Details
   • Specification change introduced and discussed
   • Change Volume II date to January 2019

26. Section 601.4.2-Contractor’s Quality Control (601-Structural Concrete)
   • Specification change introduced and discussed.

27. Section 601.7-Mixing (601-Structural Concrete)
   • Specification change introduced and discussed.

28. Section 601.8.7-Removal of Forms and Construction of Superimposed Elements
   • Specification change introduced and discussed.

29. SP 603.19-Post Tensioning
   • Project Specific Special Provision introduced and discussed.

30. SP 604.1.1-Cured-in-place Pipe Liner
   • Project Specific Special Provision introduced and discussed.
**SIGN-IN SHEET**

**Specification Committee Meeting**  
Friday, December 7, 2018 @ 9:00am

<table>
<thead>
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Thank you attending the committee meeting and providing your comments/input,  
Steve Boggs, Specification Engineer
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