1. Discussed Approved Permanent Specification changes from last Committee meeting (8/1/18).

2. Discussed Approved Project Specific Special Provisions (SP) from last Committee meeting (8/1/18).

3. Begin Discussion of Old Business Items

4. Section 604-Pipe Culverts
   - Written comment before the meeting (Sandy Camargo, ADS) on joint material.
   (Discussion ensued)
   - Hope to approve at the next meeting.

Division 700 specification changes related to Pipe Culverts revision were also included:
   a. Section 708-Joint Materials, Subsection 708.9-Bitumen Sealant
   b. Section 713-Metal Pipe
   c. Section 714-Concrete, Clay, Fiber, & Plastic Pipe

5. Section 606-Underdrains, Subsections 606.1-Description, 606.2-Materials, 606.6-Pay Items
   - Written comment before the meeting (from Pat Parsons, CAWV) on use of ‘crushed’ aggregate within the section.

   - Written comment before the meeting (from Pat Parsons, CAWV) on pilot truck when it is no longer needed.
   (Discussion ensued)
   Vote: Yes – 5, No – 0
7. **SP 655-Tied Concrete Block Erosion Mat**
   (Discussion ensued)
   - Hope to approve at the next meeting.

8. **Section 420-Single/Multiple Course Micro Surfacing**
   - Written comment before the meeting (from Doug Perry, Terry Asphalt) to include ‘by weight of dry weight’ to 420.4.2.
   (Discussion ensued)
   - Hope to approve at the next meeting

9. **Section 615-Steel Structures, Subsection 615.3.2.1-Weathering Steel Bridges**
   - No Comment
   Vote: Yes – 5, No – 0

10. **Section 716-Embankment and Subgrade Material, Subsections 716.1.1.1-Soil, Section 716.1.1.2-Granular Material**
    - Written comment before the meeting (from Rick Johnson, WV Paving) on screening to removed particles larger than 3 inches.
    (Discussion ensued)

11. **SP 695-Mainline Pavement**
    - Written comment before the meeting (from Pat Parsons) on whether 2\textsuperscript{nd} sentence in 1\textsuperscript{st} paragraph should be in provision.
    (Discussion ensued)
    - Hope to approve at the next meeting

12. **SP 103.2.2.1-Alternative Design and Alternative Bidding (ADAB)**
    - Written comment before the meeting (from Pat Parsons) that provision be put on hold while “C” factor and changes to LCCA models are reviewed by the Department.
    (Discussion ensued)
    Vote: Yes – 5, No – 0

13. **SP 320-Aggregate Course and Speed Control Mounds for Truck Escape Ramp**
    (Discussion ensued)
    - Hope to approve at the next meeting

14. **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**
    (Discussion ensued)
    - Hope to approve at the next meeting
15. Section 207-Excavation and Embankment, Subsection 207.9-Subgrade
   - No Comments
   - Vote: Yes – 5, No – 0

16. 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) related to total thickness, thin lift correction, max density, and suggestion that spec be put on hold.
   (Discussion ensued)

17. 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
   (Discussion ensued)
   - 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

18. SP 688-Field Painting of Metal Structures, Subsection 688.2.2.3-Water Jetting
   - No Comments
   - Hope to approve at the next meeting.

19. Section 715-Miscellaneous Material, Subsection 715.11-Engineering Fabric
   - No Comments
   - Vote: Yes – 5, No – 0

20. Section 716-Embankment and Subgrade Material, Subsections 716.2-Test Methods and 716.3.2.3-Material
   - No Comments
   - Vote: Yes – 5, No – 0

21. Begin Discussion of New Business Items

22. Section 105-Control of Work, Subsection 105.6.1-Division Owned Utilities
   - Specification change introduced and discussed.
   - Written comment before the meeting (from Pat Parsons) that this should be done by WV811.

23. Section 601-Structural Concrete, Subsection 601.13.3-Concrete Protective Coating
   - Specification change introduced and discussed.
   - Written comment before the meeting (from Rick Johnson) on that this should be done by WV811. (Discussion ensued)
24. **Section 640-Field Office and Storage Building, Subsection 640.4.5-Minimal Field Office**
   - Specification change introduced and discussed.
   - Hope to approve at the next meeting.

25. **Section 657-Roadside Sign Supports**
   - Specification change introduced and discussed.
   - Hope to approve at the next meeting.

Division 700 Specification changes related to Guardrail revision were also included:
   a. **Section 709-Metals, Subsections, 709.51-Surface Mount Sign Support Breakaway Devices, 709.52-Steel Beam Sign Support Omni-directional Breakaway, 709.53-Square Tube Sign Support, 709.54-Back to Back U-Channel Sign Support Breakaway, 709.55-Type A and B Barrier Wall Sign Support Brackets**

26. **Section 658-Overhead Sign Structures**
   - Specification change introduced and discussed.
   - Hope to approve at the next meeting.

27. **Section 661-Traffic Signs and Delineator**
   - Specification change introduced and discussed.
   - Written comment before the meeting (from Pat Parsons) on temporary traffic signs & their supports.

Division 700 Specification changes related to Guardrail revision were also included:
   a. **Section 715-Miscellaneous Materials, Subsections 715.9.3-Channelzing Devices, 715.9.4-Reflective Sign Support Strip**

28. **Section 664-Traffic Safety Devices, Subsections 664.2-Materials, 664.3-Construction Method**
   - Specification change introduced and discussed.
   - Written comment before the meeting (from Pat Parsons) on temporary signs and supports.

Division 700 Specification changes related to Guardrail revision were also included:
   a. **Section 715-Miscellaneous Materials, Subsection 715.41-Traffic Safety Devices**

29. **Section 708-Joint Materials, Subsection 708.7-Flexible Watertight Gasket**
   - Specification change introduced and discussed.

30. **Section 711-Paints, Coatings, Oils, and Inks, Subsections 711.1 through 711.22 (Updates Coating Requirements)**
   - Specification change introduced and discussed.

31. **Section 716-Embankment and Subgrade Material, Subsection 716.1.1.2-Granular Materials**
   - Specification change introduced and discussed.
32. **Section 720-Smoothness Testing**
   - Specification change introduced and discussed.

33. **Section 707.15-Hydration Control, Stabilizing Admixtures for Concrete**
   - Specification change introduced and discussed.
### SIGN-IN SHEET

**Specification Committee Meeting**  
Wednesday, October 3, 2018 @ 9:00am

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization / Department</th>
<th>Contact Info</th>
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<tbody>
<tr>
<td>Pea Patterson</td>
<td>Whelin Nissin</td>
<td>304-527-4892</td>
</tr>
<tr>
<td>Mark Neffleman</td>
<td>WVDOH - GSO Tech</td>
<td>304-558-0705</td>
</tr>
<tr>
<td>Jed Whitmore</td>
<td>WVDOH - DJ</td>
<td>704-558-4469</td>
</tr>
<tr>
<td>Jerry Hopp</td>
<td>ACPA</td>
<td>714-501-4367</td>
</tr>
<tr>
<td>Don McNutt</td>
<td>ACPA</td>
<td>803-317-3329</td>
</tr>
<tr>
<td>Sandy Cameron</td>
<td>AOS</td>
<td>659-424-4682</td>
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<tr>
<td>Ray Sayeg</td>
<td>Ami Gallerme and Partner</td>
<td>304 558 9795</td>
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<tr>
<td>Phillip Cook</td>
<td>WVDOH - OM</td>
<td>304-558-9598</td>
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<td>Jason Boyd</td>
<td>WVDOH - OC</td>
<td>304-558-7472</td>
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<tr>
<td>John Crans</td>
<td>WV EDH - MTS</td>
<td>504-586-1958</td>
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<tr>
<td>Kimberlee Hooper</td>
<td>MTS</td>
<td>304-558-9881</td>
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<tr>
<td>Justin Klaiber</td>
<td>MTS</td>
<td>304-558-7472</td>
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<tr>
<td>Chadley Miller</td>
<td>JF Allen Co</td>
<td>304-641-3159</td>
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<td>Peter Pinson</td>
<td>CAW</td>
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<tr>
<td>Brian Stanley</td>
<td>IUPAT DCS3</td>
<td>304-586-1909</td>
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<tr>
<td>Adam Gracie</td>
<td>MTS</td>
<td>558-2447</td>
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<tr>
<td>Joe Hall</td>
<td>Eng. Div</td>
<td>558-9733</td>
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<td>Jimmy Pitts</td>
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<td>Chris Arsic</td>
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<td>Martin Despins</td>
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<td>558-9751</td>
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<td>Ron Klotzhaus</td>
<td>FTMA</td>
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Thank you attending the committee meeting and providing your comments/input,  
Steve Boggs, Specification Engineer
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<tr>
<td>2. Donald Simmons</td>
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<td>304-558-9870</td>
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<tr>
<td>3. David Moses</td>
<td>MCST</td>
<td>304-558-9848</td>
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<tr>
<td>4. Paul Flugme</td>
<td>Boston Supply</td>
<td>304-551-0097</td>
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<tr>
<td>5. Joseph Linnhill</td>
<td>MCST</td>
<td>(304) 590-5145</td>
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<tr>
<td>6. Lisa Thomas</td>
<td>MAM</td>
<td>304-834-8291</td>
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<tr>
<td>7. Paul Fannel</td>
<td>MCST</td>
<td>304-558-7491</td>
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<td>8. Andrew Thaxton</td>
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<td>9. Doug Kirk</td>
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<tr>
<td>10. Rick Johnson</td>
<td>WV Paying</td>
<td>304-541-5285</td>
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<tr>
<td>11. Johnny Blankensky</td>
<td>WV Paying</td>
<td>352-638-6816</td>
</tr>
<tr>
<td>12. Timothy Kilmann</td>
<td>Russell Standard</td>
<td>304-542-7670</td>
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<tr>
<td>13. E. Jesse Sizemore</td>
<td>MCST</td>
<td>304-558-7476</td>
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<td>14. Jose Perez</td>
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