

Materials Procedures Committee Regular Meeting

Meeting Time/Date: 9:00am, September 21, 2022

Meeting Location: MCST – 190 Dry Branch Drive, Charleston WV 25306

Online Meeting: Google Meet Video Conference

Online Link - (<https://meet.google.com/apa-rvti-ndx?authuser=0&hs=122>)

Files Available on ProjectWise for DOT users – See Invite or Follow P/W path:

FM MCST -> Materials Procedure Committee ->MP Committee Meeting Files->Current Meeting Date. [Or click this direct link.](#)

Files Available on Webpage - <https://transportation.wv.gov/highways/mcst/Pages/MP-Committee-Page.aspx>

Materials Procedures approved at the last meeting (8/17/22)

1. 661.02.40 – *Criteria to Approve Finished Aluminum Roadway Signs*
2. 700.00.52 – *Guide for Source Rating System Relative to Maintenance Contracts*
3. 603.06.20 – *Test Method for the Determination of Bond Strength Between Prestressing Steel Strand and Self-Consolidating Concrete (SCC)*

Actions from the last meeting on Materials Procedures pending approval (8/17/22)

1. 106.03.51 - *Policy for Materials Certification Reciprocity*. July was first time at committee. Comments received, expecting to vote at September MP Meeting.
2. 601.40.20 – *Curing Concrete Test Specimens in The Field*. July was first time at committee. Comments received, expecting to vote at September MP Meeting.

Materials Procedures - Old Business

Number	Champion	Title	Description
1-106.03.51*	Brown	Policy for Materials Certification Reciprocity	The revision is to take the Apprentice Certification out of the MP. and clean up the language for the Provisional Path. Comments were addressed.
2-601.40.20*	Perrow	Curing Concrete Test Specimens in The Field	Various updates to standard references, removed language about cardboard molds. Comments were addressed.

Materials Procedures - New Business

1-100.00.03&	Brayack	Method of Evaluation of Non-Standard or Non-Conforming Materials in Construction via DMIR	General workflow clarifications. Removed section that dictated a contract administration duty.
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2-109.00.20&	Brayack	Basis of Charges for Additional Testing	Updated additional testing fee to \$700 from \$300 to match 109.00.21 language and updated in conjunction with specification 109.2.2-Basis of Charges for Additional Testing
3-207.07.20*	Jack/Jobes	Nuclear Field Density - Moisture Test for Random Material Having Less Than 40% Of + 3/4 Inch Material	Removal of metric units, general formatting, and cleanup of MP. Round updated to match current process. No changes to attachments
4-401.02.21*	Jack	Calibration of Thermometers and Pyrometers at Bituminous Concrete Mixing Plants	General format changes and grammar cleanups.
5-401.02.22*	Jack	Guide to Designing Hot-Mix Asphalt Using the Marshall Design Method	General format changes and grammar cleanups.
6-401.02.24*	Jack	Guide to Designing Hot-Mix Asphalt with Recycled Asphalt Pavement	General format changes and grammar cleanups.
7-401.02.28&	Jack	Guide to Designing Hot-Mix Asphalt Using the Superpave Volumetric Design Method	General format changes and grammar cleanups. Updated language for requirements of Testing Technician (Section 4.2, Page 3)
8-401.02.29&	Jack	Guide for Quality Control and Acceptance Requirements for Superpave Hot-Mix Asphalt	Adds requirement for District to notify MCST on failure. Gives DOH right to shut down a plant for DOH production based on testing (Section 4.2, Page 2.)
9-603.02.10&	Thaxton	Guide for Approval of Component and Ship Loose Materials Pertaining to Precast and Prestressed Concrete Items	Modification to process changes.
10-604.02.40*	Brayack / Perrow	Inspection and Acceptance Procedures for Precast Concrete Products	Harmonization of two version of file, spec reference update.
11-714.03.30*	Perrow	Quality Assurance of Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe	Spec reference updates.
12-715.07.20&	Perrow	Standard Method of Test for Determining the Quality of Water Used with Hydraulic Cement	Content updates, including limits. Perrow to discuss.

13-300.00.51*/& ?	Jobes	Procedural Guidelines for Maintaining Control Charts for Aggregate Gradations	Instances “will” changed to “shall”. Updating process flows to match current practice.
14-702.01.20&	Jobes	Standard Method of Test for Determining the Percentage of Coal and Lightweight Particles in Aggregate	General format changes and grammar cleanups. Possible process change. Jobes to discuss.
15-703.00.30&	Jobes	Method of Preparation and Evaluation of Aggregate for Soak Test	Adding metric conversions, general formatting, and grammar.
16-601.11.20&	Whelan	Field calibration and operation of Rolling 3m straight edge on bridge decks	Metric unit updates. Section 2, update to match current practices.
17-401.07.21&	Jack	Sampling Compacted Asphaltic Mixtures from the Roadway	Update to standards listed, industry terminology, depth of bond core drilling, and proper backfilling of drilled core holes.
18-401.07.23&	Jack	Guide To Determining Interface Bond Shear Strength of Multi-Layered Asphalt Pavement Specimens	Update to standards listed, industry terminology, and the procedure for evaluating bond cores which fail in the underlying material.
19- 700.00.24&	Jack	Nuclear Density Test by the Roller Pass Method	Grammar corrections, removal of metric references, update to rounding procedure, update to latest forms.
R1 – 700.10.01*	Allison	Non-Destructive Thickness Determination Of Pavements Using Magnetic Imaging Tomography Technology	No changes, reconfirm as is.

Note 1: * Denotes this MP is up for Vote

Note 2: & Denotes this MP is not up for Vote

Comments

Comments due September 14th so the Champion may review and address them. Submit comments to Adam Nester (Adam.W.Nester@wv.gov)

Next Meeting

New or Updated MPs due to the MP Chair 3-weeks before the next meeting: Oct. 5, 2022

Meeting Time/Date: 9:00am, October 26, 2022

Meeting Location: MCST – 190 Dry Branch Drive, Charleston WV 25306

Online Meeting: Google Meet Video Conference (Link TBD)

Additional MP Committee Meeting Information

For details of previous meetings, please visit the MCST MP Committee Webpage

<https://transportation.wv.gov/highways/mcst/Pages/MP-Committee-Page.aspx>

Tentative MP Committee Dates for 2022:

October 26, November 16, December 21