

Materials Procedures (MP) Committee Meeting

June 21, 2023

Present: Dan Brayack, Erica Henson, Donald McNutt, Kayla Wagner, Ted Whitmore, Gary Mullins, Hao Chen, Andrew Thaxton, John Crane, Shawn Smith, Calvin Ratchford, Daniel Harper, Mark Dickson, Vitaliy Shakirov, Thomas Ross, Evan Bailey, Mike Mance, Chris Preston, Suman Thapa, Colton Jobes, Bill Murray, John Cummings

Voting

MCS&T: Andrew Thaxton

Contract Administration: Shawn Smith

Traffic: Ted Whitmore

Operations: Bill Murray

Technical Support:

658.05.06 Ancillary Structure Anchor Bolt Tightening

- Tabled until next meeting.

711.00.20 Paint Testing Methods

- Hao Chen and John Crane each discussed several corrections.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

100.00.02 Method of Evaluating of Non-Standard or Non-Conforming Materials in Construction via ST-1

- Primary update consists of setting a limit of 25 on the megabytes allowed per file.
- John Crane and Hao Chen discussed minor changes such as capitalization and questions about payment and handwriting/digital signatures.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

100.00.03 Method of Evaluation of Non-Standard or Non-Conforming Materials in Construction via DMIR

- Dan Brayack previously worked with Shawn Smith on some corrections.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

106.00.02 Procedure for Evaluating Products for Use in Highway Construction

- John Crane: discussion on what happens with no APL.
- Andrew had a correction on process graphic.
- Hao Chen made note to change entity to singular.
- Ted Whitmore asked about timeframes and whether extensions would be granted; Dan Brayack said that there would be extensions in the event that additional testing or reviewing is required.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

601.05.50 Quality Assurance Procedures for Portland Cement Concrete

- Discussion on minor grammatical edits.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

700.00.56 Commercial and Potential Skid-Resistant Aggregate Source Approval Procedures

- John Crane and Thomas Ross discussion on “quality” or “full quality” usage. Ross will update to define.
- Hao Chen asked if reference to 106.00.02? should be added; Dan Brayack agreed.
- Will vote next time.

702.01.25 Method of Test for Determining Mortar Strength

- Adding and updating specs for testing; no comments.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

714.03.30 Quality Assurance of Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe

- Defines “Days of Production”.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

700.00.50 Method for Acceptance of Compaction Testing

- Removes the inactive AASHTO R11 and replaces it with ASTM E29.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

700.03.50 Standard Method of Microscopic Determination of Air-Void Content

- Updating language from manual machines to the newer machines that run automatically.
- Concern that updates might be too specific.

712.21.26 Procedure for Determining the Random Location of Compaction Tests

- Minor corrections including numbering and removing metric.
- More cleaning up needed.

642.03.50 Contractor's Quality Control for Surface Water and Sampling Procedures for Quality Determination

- Will vote next time.

700.01.01 Field Sampling and Testing of Surface Water for Quality Determination

- Will vote next time.

700.00.22 Procedure for Determining an Adjusted Pay Quantity Resulting from Excess Moisture in Aggregates

- Operations will work with Colton Jobes on edits.

700.00.51 Guide for Quality Control and Acceptance Plans for Purchase Order Contracts for Stone and Aggregate

- References "full quality"; Thomas Ross will edit.
- Will vote on next time.

702.01.20 Standard Method of Test for Determining the Percentage of Coal and Lightweight Particles in Aggregate

- Discussion on changing "Pyrex" to "oven-safe".
- Discussion on use of Fahrenheit/Celsius.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

709.15.50 Certification of Fabricators of Corrosion-Resistant Coated Dowel Bars in Basket Assembly

- Will vote next meeting.

212.01.21 Test Method for Unconfined Compressive Strength of Rock Core Specimens

- No comments.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

712.05.57 Criteria to Approve Fence Producer/Suppliers and Their Materials

- Discussion on wording of standard specifications.

Vote

MCS&T: Y

CA: Y

Traffic: Y

Ops: Y

TS:

212.02.20 Procedure for Determining a Reduced Unit Price to be Paid for Select Material for Backfilling Which Does Not Conform to Grading Requirements of Governing Specifications

- Dan Brayack said they may want to reference the DMIR MP here.
- Will vote next meeting.

661.00.00 Chemical Analysis of Aluminum Alloys

- Formatting issues to be edited.
- Will vote next meeting.

615.20.01 Preparing, Recording and Transmitting Information on Approved List of Welded Stud Shear Connectors

- Mance: the MP was renumbered.
- Dan Brayack said they may want to reference the APLs MP.

701.01.10 Portland Cement and Blended Hydraulic Cement Mill Certification

- Updating the frequency of testing.