

***MINUTES***  
**MAPA / MoDOT Quarterly Meeting**  
**May 7, 2019**  
**1:00 – 3:00 p.m.**  
**Central Laboratory, Conference Room 201E/W**

**Agenda Items**

1. Future of IC/IR (MAPA)

More IC/IR projects will be evaluated for coverage, etc. Need to make sure the technology is repeatable before using it in place of other tests in the field. Some contractors are concerned about the reliability of field connectivity and equipment purchase delays due to the limited number of manufacturers. MoDOT will look at both of those things before ramping up using IC/IR. Another hurdle in rural paving projects is the necessity to place IC/IR data on flash drives until the contractor has an opportunity to upload on the cloud, therefore contractors would like to have more time to upload data for times when paving is taking place in remote areas. MAPA would like to know if any correlation studies have been performed between IC/IR data and field core densities and if there any associated benefit/cost analyses. **Mike McGee will query other States about these studies.**

2. Pay for additional traffic control items that are needed and not in the plans (MAPA)

Initial traffic control should be set up during the design of the job. Allowing additional traffic control items is at the discretion of the RE on a case by case basis. If more traffic control is required for safety, then MoDOT is willing to pay for the extra items. MoDOT may also approve additional items to shorten the project time, but that type of proposal must be brought to the attention of the RE well in advance of the actual work.

3. Letting schedule for asphalt jobs (MAPA)

Jobs seem to be let later in the season. MAPA would like to see projects let earlier to allow more time for planning. MoDOT responded that typically if a project is let later in the spring or early summer, the completion date is not for that same year.

4. Liquidated Damages for Winter Months JSP (MoDOT)

The intent of this JSP is to ensure that work progresses for operations that can be adequately performed during winter months (Dec 15 thru Mar 15), such as bridge construction. It is not normally intended for activities that are adversely affected

by colder temperatures, such as asphalt paving. The JSP charges liquidated damages for the three months after December 15<sup>th</sup>, except for weekends and holidays. Sarah Kleinschmit will send MAPA a copy of the JSP.

5. Insurance Certificate Contract ID# requirement (MoDOT)

MoDOT will start enforcement of obtaining insurance certificates with project specific information that meets all requirements stated in Sec 107.13. A blanket insurance certificate for all projects is no longer acceptable. The prime contractor shall collect all certificates for itself and all subcontractors on a specific project and submit them to the Construction Contracts Administrator (CCA) in the Division of Construction, who is currently Jennifer Smith. A sample form will be provided in the EPG to show contractors the information required. The CCA will review the submitted certificates for general conformance and verify all minimum coverage limits are met.

6. TRPMs adhesion to pavement (MoDOT)

The Kansas City District is noting difficulties with TRPMs adhering to older shoulders, probably because of dirt and grime. Some of the TRPMs are being replaced every 3 days. They have attempted to solve the problem by heating and brooming the existing surface. This doesn't seem to be a wide spread problem. Industry felt that Type 2 TRPMs may stick better on shoulders than the 6" tabs. MoDOT CM will discuss effectiveness of TRPMs with the Traffic & Highway Safety Division.

7. Design standards updates (MoDOT)

Spec updates included Sec 104 for value engineering proposals, Sec 610 for ALRs, and Sec 109 for AC price adjustments. The changes are effective July 1<sup>st</sup>. Sarah Kleinschmit will send changes to MAPA.

**Action Items from February 5 meeting:**

Status of QC/QM specs -

The revised specs, incorporating industry comments where possible, will be sent back to MAPA. A follow up meeting will be scheduled.

Standard Plan certification for slope of integral shoulders -

Industry wants the required integral shoulder slope more clearly stated in the plans and EPG.

Naming convention for grading requirements for guardrail end terminals -

Effective April 1<sup>st</sup> the note in the standard plans was changed to only use 'preferred' when no alternate grading option is allowed. MAPA still feels the word "preferred" it puts them at a greater legal risk if there is an accident. **MoDOT will evaluate an alternate word for 'preferred'.**

Update on NJSP1811 geogrid -

The geogrid JSP was corrected and posted to the web.

Update on proposed changes to ALR -

The ALR limit for multi-lift overlays up to 3" in total thickness has been raised from 125 to 175 in/mi. The change will be effective on July 1.

Future meeting to discuss IC/IR date loss

This topic was discussed earlier in the Bit Team meeting. Dan Oesch will continue to work on this.

Update on Section 1015 and MGS-94-06E

Mike Shea would like clarification from MAPA on which emulsion standard needs to be updated. **MAPA will provide additional clarification.**

Update on partial depth repairs standards

**MoDOT will consider using the AC index for partial depth repairs**

**Next Quarterly Meeting: July 30, 2019**

# MAPA/MoDOT JOINT MEETING

May 7, 2019, 1:00 TO 3:00 P.M.

Central Laboratory

NAME

ORGANIZATION

NAME	ORGANIZATION
Derek Lepper	MoDOT
Randy Aulbur	MoDOT
Casey Castrop	Capital Paving
Josh Kincaid	Willard Asphalt
Jon Sigleton	COASTAL Energy
Clinton Foster	Magruder Paving
Mark Lindsay	Magruder Paving
Matt Lindsay	Magruder Paving
Dale Williams	MAPA
Dennis Brucke	MoDOT
Steve Jackson	N.B. West
Vicki Woods	Ingevity
Mike Shea	MoDOT
Rick Biermann	MAPA

