

Mr. Ed Hassinger, P.E.
Chief Engineer
MoDOT, P.O. Box 270
Jefferson City, MO 65102



Subject: MoDOT/Industry Joint Quarterly Meeting - Wednesday, November 7, 2018

Dear Chief Hassinger:

As previously arranged, our 4th MoDOT/Industry Quarterly Meeting for calendar year 2018 is scheduled for Wednesday, November 7, 2018 at 1:00 p.m. The meeting will be held in Jefferson City, MO at 1617 Missouri Blvd., Conference Room 201 E. & W. The Missouri/Kansas Chapter, ACPA welcomes the opportunity to again meet with you and your staff to discuss issues related to Portland cement concrete pavements and associated products and services.

Per our discussion, the following items have been placed on the agenda:

1. MoDOT discussion of “E-Construction Provision.”

There is currently a provision in every contract regarding submitting documentation electronically. There was a request from some contractors that MoDOT make it easier to sign documents with tablets due to requirements of registered signatures. Dennis Brucks distributed a handout that provides three options for signing documents. Change orders will still require a registered signature. The provision will be effective for the January lettings. The specification will be retroactive so anyone will be able to implement the changes on current projects. The RE's are aware of the change.

2. MoDOT update of Design Standards.

Specifications 613.10 – Rebound hammer is now allowed for opening repairs (effective Jan 1, 2019)

Sec 505.40 – Latex Modified High Early Concrete – has been changed to Latex Modified Very Early Concrete in the specifications. The name change was made to better describe the latex concrete mix. The concrete mix is not intended to gain high strength but to gain strength quickly. The cement specifications were changed to ASTM C1600, Type VRH which is for cements that gain strength rapidly. The change was initiated by the Bridge division. This change should already be in the bridge plans.

Standard plans for guardrail – notes have been added to Standard plans 606.50 – change made to clarify when longer posts are required due to slope geometry.

Sarah will send Ken the instructions for how to sign up for the eUpdates.

3. MoDOT discussion and update of “CCP” Compacted Concrete Pavement construction at the I-55 Kelso Interchange, MoDOT SE District.

Brett gave an overview of the project at the Kelso Interchange.

Constructed two miles of CCP comprised of three test sections. Sensors were put in-place to measure joint movement, stresses, and temperature.

The one of the test sections utilized 5 lb./cu. yd. macro fibers that were donated by Euclid.

Several samples will be cut out of the in-place concrete to do comparison testing with beams and cylinders molded at the concrete plant.

Managing the moisture content is the key to successfully placing compacted concrete pavement. A finishing agent was used to aid in finishing the concrete surface with a power trowel. A broom texture was applied to the surface.

4. Full Depth Reclamation “FDR” discussion.

A job was constructed by Kansas City. Consideration needs to be taken regarding the condition of the roadway where these projects are planned. Some conditions are variable and difficult to plan for so makes scoping more difficult (geometrics, drainage, etc. need to be considered).

Mt. Carmel would like to share lessons learned on FDR projects, but were not present at the meeting to discuss.

SL had two FDR projects and would like to share lessons learned. They had several issues on the 185 spur and also had a project on Rte B that is showing some cracks.

5. MoDOT update regarding future PCCP projects.

Proposition D did not pass, but projects in the STIP were not planned based on the proposition so the future plans are the current STIP projects which are mostly short term treatments.

Shoulder quantities are 512,672 sq. yd. (63 miles) and 1,342,000 sq. yd. of full depth concrete.

Dave wants to check on mid-level treatments (6" or 8" unbounded overlays) – how many of these can we do and still meet the asset management goals?

I-270 D/B project – RFP will begin in June. The project manager is Justin Wolf and Eric Kopinski will oversee construction.

6. Update on personnel in positions in the Construction/Materials Division.

A map of RE offices will be included in the minutes.

7. 39th Annual Portland Cement Concrete Pavement Workshop and Exposition, February 25-27, 2019 at the Sheraton Kansas City Hotel – Crown Center. Discussion regarding paving award nominations and MoDOT partnership/attendance.

John Donahue will send out reminder of the meeting. Start thinking about projects to nominate. Paving has to be done by the end of the year.

8. Items added to the agenda.

Brett discussed electronic Technician Certification Manuals and what the preference would be for printed versus electronic manuals – ACPA would like the option of using tablets or having the printed version.

Electronic Batch tickets – ACPA wanted to know if this is something MoDOT is looking at implementing? If this is something that a contractor would like to try MoDOT is open to trying. The software that has been used for tracking trucks and tickets is Fleet Watcher. This could also be used in conjunction with Verify system which measures concrete slump and temperature in ready mix truck.

Ed discussed 3 issues on the future legislative agenda; distracted driving, beefing up work zone safety, and registration fee based on miles per gallon of your vehicle.

We look forward to the upcoming meeting and thank you for your time and consideration.

Sincerely,



Todd M. LaTorella, P.E.
Executive Director
MO/KS Chapter, ACPA