

Minutes
MAPA / MoDOT Quarterly Meeting
August 3, 2023 / 1:00 – 3:00 p.m.
Videoconference / In-person

Agenda Items

1) Update on BMD Specification Meeting (MAPA/MoDOT)

MoDOT presented the proposed changes to the BMD Specifications at a meeting held at 9:30 am on August 3rd. Significant discussion took place on the following items:

- Reduction in total incentives in current BMD pilot projects from 15% to 18% down to 10% to 12%
- Removal bonus for TSR. Concern of lower TSR's in the future.
- The amount of bonus for Paver Mounted Thermal Profiler (PMTP) is too much.
- Correlation of PMTP data to pavement performance.
- Reliability of Intelligent Compaction (IC) and PMTP equipment.
- How MoDOT utilizes PMTP and IC data.
- Reducing Hamburg rutting limit from 12.5 mm to 9.5 mm during design.

Attached is a copy of the PowerPoint Presentation from the meeting.

Action Item: MoDOT to perform and provide PWL calculation data on previous BMD projects and share with industry. MoDOT to consider industry concerns and consider additional changes to the proposed specification.

2) Tarp Study Update (MoDOT)

MoDOT has started collecting limited data and is working to get FLIR cameras in each project office. They expect to do more extensive testing in the fall and spring. Several suggestions were made to collection of data which included testing at the plant, utilization of temperature probe behind the paver and collecting data from a complete round of trucks. MoDOT is utilizing FLIR E5-XT - <https://www.flir.com/products/e5-xt/?vertical=condition%20monitoring&segment=solutions>

Attached is a copy of the Tarp Study Form currently used by MoDOT to collect data.

3) Work Zone Safety Partnership (MAPA/MoDOT)

There was discussion on how to move forward with a smaller team to look at work zone safety and how new technologies could be implemented. Please see item 4.

4) Work Zone Typical Application Update (MoDOT)

MoDOT met with AGC on July 31st to further discuss the proposed TA's. At this time, they plan to continue to follow the Manual on Uniform Traffic Control Devices while working with industry to develop a plan for moving forward. AGC is taking the lead and MAPA will work with AGC to best determine how to be involved along with implementation of new technologies for work zones.

5) Update on DBE Availability Study (MoDOT)

MoDOT External Civil Rights (ECR) along with Keen Independent Research made a presentation summarizing the ongoing DBE Availability Study.

Customer Research International (CRI) will administer the telephone availability survey. Subconsultants PSRI Technologies, Excel Business Concepts and Added Dimension will conduct interviews with business owners, trade association representatives and others across the state. The law firm Holland & Knight is also assisting in the study.

The following is the website for the availability study. The website includes a fact sheet with information regarding the study.

[Missouri Department of Transportation \(MoDOT\) 2023 Disadvantaged Business Enterprise Availability Study - Keen Independent Research](#)

6) 2024 Spring Training (MAPA)

MAPA would like to build on the success of including MoDOT in 2023 Spring Training by including them in the planning of the 2024 conference.

Action Item: MAPA will schedule a planning meeting with MoDOT.

7) Design Standards Update (MoDOT)

See handout:

Considerable discussion regarding the change to the new minimum 40 F temperature requirement. MoDOT indicated they are open to looking at processes/tests to ensure that pavements placed in cold weather do not fail prematurely.

8) Other items

Permits and training required when working within railroad right-a-way were discussed.

Next Meeting Date:
TBD