

MINUTES
MAPA / MoDOT Quarterly Meeting
February 5, 2019
1:00 – 3:00 p.m.
Central Laboratory, Conference Room 201E/W

Agenda Items

1. EPG change that now “officially” requires shoulders, 4’ or less, to be designed with the same type of mix as the roadway to allow monolithic placement. (MoDOT)

MoDOT has adopted a policy to provide best value on asphalt paving projects by requiring roadway mix to be paved monolithically across shoulders $\leq 4'$. This will benefit performance by (1) using higher quality mix on shoulders, (2) eliminating lane/shoulder construction joints and (3) simplifying construction and shortening work zone closures.

2. Distributors shall not be parked on MoDOT R/W or any MoDOT property during non-working hours. (MoDOT)

MoDOT has codified its policy in Section 107.10.4 to restrict oil and fuel trucks with > 1320 gallon capacity from being parked unattended on State property and R/W during non-construction hours, unless secondary containment in accordance with the Soil Prevention Control and Countermeasure is deployed.

3. Clarification of grading requirements for guardrail end terminals. (MoDOT)

The standard plan sheets for Type A crashworthy guardrail end terminals have been revised, effective April 1, to note that ‘the preferred grading limits shall be used when indicated on the plans’. Some MAPA members had concerns, in the case of litigation, it could be interpreted that the more extensive grading, which ‘preferred’ entails, should have been required regardless of how impractical to construct in the field.

ACTION ITEM: MoDOT will examine possible alternate phrasing.

4. NJSP1811 geogrid review (MAPA)

MoDOT specifies geogrid under asphalt pavements in the case of certain projects where the subgrade requires strengthening. It was pointed out there is an apparent typo in the JSP specifying a ‘minimum’ aperture rather than ‘maximum’.

ACTION ITEM: MoDOT will correct the JSP accordingly.

5. UBAWS spec changes. (MoDOT)

The proposed spec change will (1) raise the UBAWS mix AC content ranges such that using maximum allowable production tolerances will still result in the minimums desirable, (2) raise the membrane application rates and (3) allow PG70-28 binder grade as an alternate to PG76-22.

6. EPG guidance for ALRs (MAPA)

MAPA has proposed some spec changes in Sec 610 pertaining to ALR allowances.

ACTION ITEM: MoDOT will review the proposed changes and send any revisions to MAPA.

7. IC/IR specification language when signal is lost (MAPA)

Some MAPA members were concerned about reductions in the lump sum pay item for lost GPS data due to wireless transmission problems and opined that risk may have to be bid in the lump sum for these occurrences in future IC/IR projects.

ACTION ITEM: MoDOT will draft a clarification in the JSP for defining disincentives in cases of data loss and share it with MAPA for review.

8. Request MoDOT review and revision of

a. Section 1015

b. Liquid asphalt MGS-94-06E

(Industry wants to know why the base is set at 70. The General Service (GS) bid will be in place for a year, so any change would have to take place with the next contract. Action Item: MoDOT will check to see when the GS bid expires and then when it is up, a change can be made to match current ASTM/AASHTO requirements)

MAPA had questions regarding 70% AC residual requirement (Illinois specifies a maximum of 65%) and the use of obsolete ASTM/AASHTO standards for General Service maintenance contracts. MoDOT informed the group that most of the concerns previously raised by MAPA have already been addressed.

ACTION ITEM: MoDOT will address any remaining spec discrepancies and look further into the residual AC content issue.

9. Design standards updates (MoDOT)

MoDOT provided the quarterly standards and spec changes that will be effective in July, but will formally be made available for viewing in April. The online spec book will also have its annual updating, which will include incorporating some supplemental JSPs and the revised materials Sections with QC/QA testing procedures, which were transferred from the quality management ITP. MAPA was concerned about seeing the final version on Section 400 before it is officially adopted.

ACTION ITEM: MoDOT will provide the Section 400 file to MAPA for review.

Next Quarterly Meeting: May 7, 2019