

## Meeting Minutes for Aug 25, 2020 HMA Tech Team

### TEAMS Virtual Meeting

12:30 - 3:30 pm Full Meeting

- A. Minutes, from previous meeting
- B. Roll, members & visitors
- C. Outside Committee Reports
  - a. Aggregate Tech Team (Erik L)
  - b. IRI Team (Deb B),
  - c. Atwoods/AASHTOWare Team (Deb B/Erik L)
- D. Research Reports (Erik L.)
  - a. Project update
- E. Subcommittee Reports
  - a. Density Subcommittee (Mike B.)
    - i. Thin layer density concerns
      - 1. Cores
      - 2. Thin lift gauges –
        - a. DOT has one project that lowered density specification requirements for thin lift overlays.
        - b. Industry plans to start using thin lift gauges but has not done so yet.
        - c. **Action-** Steve highlighted the need to create good pavement design guidance. Guidance needs to be based on feedback from regions on performance and collaboration with industry.
    - ii. Mathy – IH94 project. 30 to 40 miles east of MN. 3HT for mixture. Took gauge readings, 4 inch cores and 6 inch cores. Did the same thing every day for 3 days Up to 3/10 gain in density with traffic opened onto it.
  - b. Specification Subcommittee - (Steve H.)
    - i. Longitudinal Joint Density Spec
      - 1. Mill and fill 2 layer confined joint
      - 2. 2019 summary was presented by Albert
        - a. BTS- Notched wedge provides support for unconfined edge, safety for traffic during construction, and prevention of moisture infiltration.
        - b. FHWA- Keep in mind, FWHA specification is a national specification. There are specific needs regionally or for certain applications.
        - c. WAPA – over pave might mean different things to different people. Over pave could mean over pave two inches or up to nine inches. It is important to be specific.

3. Specification revision discussion
  - a. Region - Should Echelon paving be specified differently for cold weather paving? And should it be included in the spec book?  
**Action**-Need further discussion to draft specification language about Echelon paving.
  - b. Discussion about inlay paving operations. Industry requested revisions to standard detail, specifications, and pavement designs. BTS presented challenges with buried joints. **Action** – BTS will facilitate creating of work group with regions to improve specification requirements. Pavement engineer’s group will be included.
- c. Percent Within Limits (PWL) Subcommittee (Dan K.)
  - i. 2019 summary –
    1. Dan presented data for PWL projects in 2019 – incentive outcomes for Air voids and density.
  - ii. 2020 projects, concerns
    1. More gauge issues this year than normal
    2. revisions to Appendix “A” of PWL STSP were proposed to help with gauges issues.
  - iii. Industry communicated the following concerns-
    1. Timeliness of testing from QV is not always prompt
    2. Core dry machines may be doing more harm than good
    3. Coring vs. nuclear gauges; Why not go 100% cores?
    4. Consider revising requirement of one test strip per day.
    5. Pavement design guidance for when PWL is and is not appropriate. PWL may not be a good fit for all projects that meet tonnage criteria.
    6. Need improvements to dispute resolution process.
  - iv. **Action** – Industry concerns will be added as topics to next PWL subcommittee meeting.
- d. Mix Acceptance Subcommittee (Jeff A.)
- e. Mix Performance Subcommittee Matt
  - i. Remember to review proper aging protocol. 6 hours at 135 C with no mixing.
  - ii. Please upload data into box so subcommittee members can start comparing data.
  - iii. Industry concerned with consistency between laboratories. Suggested some training to make sure all labs are testing the same way.
  - iv. **Action**- BTS to host training or demonstration for performance sample preparation and testing.
- f. Training
  - i. HMA Inspector,
    1. BTS is open to feedback on how to improve the training.
  - ii. PWL

- g. WAPA Conference, Virtual conference over three days for an hour each day. Additional links will be created for breakout sessions.
- h. Balanced Mix Design Workshop
- i. Round Robin
  - i. Gyrotory/Ign Oven –
    1. proposal to host RR in the spring
    2. Downside of Spring RR is the lack of time for corrective action and conflicts with construction season.
  - ii. Auto Extractor RR 2020-1 – Erik presented data
    1. Adjustment for gradation to better capture difference in binder content
    2. Presentation in Box
    3. **Action:** complete 2<sup>nd</sup> auto extractor round robin and participate AASHTO re:source has proficiency sample testing with AA.
- j. 2020 Spring CMM updates
  - i. 8-36
    1. Albert presented CMM revisions.
    2. Industry – regions have no allowed contractors to establish a new correction factor.
    3. **Action-** draft new guidance for when establishing a new correction factor is acceptable. Include extraction testing to trigger establishing a new CF.
  - ii. SDD 13C19
    1. SE Region- suggestion to transfer language from SDD to standard specification.
    2. BTS- need to know what contractors are using to construct notched wedge joints.
    3. **Action-** Industry to take photographs of what is being used to construct joint and smaller work group to transfer SDD language to spec and improve SDD.
- k. ASP-6 2020 Standard Spec revisions
  - i. BTS presented specification changes
  - ii. 450 LJ using extruding not strikeoff
  - iii. 460
    1. #6 mix gradations
    2. Table 460-2
    3. Control
- l. HTCP – Trying to have program this winter. Most likely reduced attendance with an emphasis on new hires or ACT certifications.
- m. Next Meeting September 22<sup>nd</sup>
  - i. Pushed back due to deadline of changes