

Agenda for July 18, 2022 HMA Tech Team

TEAMS Virtual Meeting

8:00 - 11:00 am

Full Meeting

- A. Minutes, from previous meeting
- B. Roll, members & visitors
 - a. Devin Herings replaces Amber Bever.
 - b. Justin Kutschenreuter moved to SWR.
 - c. Erin Ferg Left MCC.
- C. Outside Committee Reports
 - a. Aggregate Tech Team (Erik L)
 - b. IRI Team (Deb B)
 - i. Industry would like to have an IRI meeting this year.
 - c. Atwoods/AASHTOWare Team (Deb B/Erik L)
- D. Research Reports (Tirupan)
 - a. Project update: ME design report is out and published on WHRP website. Interlayer project is being extended for another 3 months for IDCT low temp. The material is still being sampled for the BMD pilot shadow project.
- E. Subcommittee Reports
 - a. Density Subcommittee (Mike B left)
 - i. Replacement to be named
 - 1. Use Mike's old cell phone number
 - b. Specification Subcommittee - (Steve H.)
 - i. ASHTOWare compatibility
 - 1. Specs need to be written to make sure they're compatible with ASHTOWare processes.
 - 2. Data collection will be project specific. This shouldn't add more testing, but random numbers would need to be tracked carefully so tests aren't missed. May pose a scheduling difficulty with changing plants.
 - ii. Section 700
 - 1. QA specs. Drafts should be ready for the next tech team meeting.
 - iii. Section 800
 - 1. Material specs. Drafts should be ready for the next tech team meeting.
 - iv. Other
 - c. Percent Within Limits (PWL) Subcommittee (Dan K.)
 - i. 2021 summary: Dan provided a thorough review of the year's PWL statistics. During the data entry issues portion of the presentation there was some discussion to clarify how incomplete lots/sublots should be handled.

- k. STSP 460-050 PWL (and Core only SPV)
 - i. Updated reference to CMM 836.6.3.7.
 - ii. Disincentives for shoulders not meeting specification.
- l. Pilots
 - i. BMD
 - ii. PWL core only
 - 1. Projects too small for a test strip are permitted to operate as a core only project.
 - iii. LID and VRAM pilot
 - 1. A pilot is desirable to answer questions and clarify concerns about the performance of the product. Will we get an improvement?
 - 2. SMA mixes might be a good use case for this. Should look into joint failure instances with SMA mixes.
 - 3. Tollway uses on all uppers, IDOT requires all layers but may not require on all projects.
- G. Other
 - a. From APL Webpage (<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/appr-prod/default.aspx>)
 - i. Update link to Asphalt Cement Suppliers to point to Purdue webpage for CSBG supplier list.
 - b. Manual of Test Procedures
 - i. Live for 2023, will be some changes from CMM
 - ii. Contractual for 2024
 - c. Moisture, need to account for pavt and base water.
 - i. Interlayer, Blisters
 - 1. Seeing this issue with #5 mixes.
 - 2. Root cause could be the base's inability to drain properly.
 - 3. Only on hot sunny days, blisters recede in the afternoon. Moisture testing less than 4%.
 - 4. Some cracks formed on top of the blisters, but once they receded the cracks welded themselves closed.
 - 5. Heavy rain prior to the mill and pave in some of the instances.
 - 6. More investigation is required.
 - ii. CIR, moisture held in segregated areas
 - 1. Water can be found in the test holes but usually need to wait a bit longer than required.
 - iii. How do we manage these with the specs?
 - 1. Look into a moisture test similar to bridge overlay.
 - d. 2023 Standard Spec revisions to work on?
- H. Next Meeting late Aug/early Sept to finalize any revisions for submittal