

MINUTES**Time:** 9:00am – 4:30pm**Location:** BTS Truax Lab**Host:** Southwest Region – Scott Syron**Minutes Keeper:** North Central Region – Wisconsin Rapids

Agenda Topic: Welcome, new personnel, **Presenter:** Adam Johnson, Travis Mikshowsky, Scott Syron, Becky Rooyakkers

Discussion: Welcome.

Becky Rooyakkers introducing new personnel to positions in the NE region

Agenda Topic: Chiefs update **Presenter:** Erik Lyngdal

Discussion: Testing issues

- testing issues
 - contact IA with issues to assure testing is correctly doing their job QC and QV. Giving confidence to the testers.

Agenda Topic: HTCP Updates **Presenter:** Jodi Pluemer

Discussion: Review, 2022 Certifications, 2022 QMP Award, 2023 Updates, Communications,

- 2022 Review
 - UWP personnel Jodi Amy & Sandi.
- Certification Details
 - # of students coming through the program, which certs increased
- 2022 QMP Awards
 - Adam Mueller
 - Paula Young
- 2023 Program Updates
 - Communications between students and IA (level 1)
 - April and August list of students.
- September expiring classes
- 2023
 - Face to Face
 - Instructor Updates – retired and new instructors.

Agenda Topic: CO Nuc Density Updates **Presenter:** Brian Jandrin

Discussion: Nuclear Density Updates, 2022 Updates

- 2022 Updates
 - 267 Gauges
 - Test strips increased
 - Test strip correlations
 - 2022 Updates
 - Radiation & Yearly Safety Training in person
 - IA density tolerances – 1.5 pcf
 - Charge gauges prior to going on site

Agenda Topic: Introductions**Presenter:** Travis Mikshowsky**Discussion:** Introductions for everyone in the room**Agenda Topic:** CO HMA Updates**Presenter:** Steve Hefel**Discussion:** 2021 PWL, HMA Performance Testing, Spec Updates,

- Density Pay Factor Distribution
 - Gauges
 - Cores
 - Average annual pay factor
 - Air voids pay factor distribution
 - Incentive / Ton
 - Longitudinal joint distribution – laws of confinement, types of joints table
- Performance Testing
 - Background – split samples, IDEAL-CT, Hamburg (newest HMA most susceptible)
 - Mix types associated with cracking IDEAL-CT of HT, MT, LT graphs
- Standard Specifications Updates for 2024
 - 301, 450, 455 (ASP6 for November 2022), 460, 604, 815, 836, 850
 - SPV/STSP
 - Distressed pavement SPV – Density
 - 460-030 SMA
 - 460-040 PWL Test Strip
 - 460-050 PWL Production
 - 460-055 PWL Appendix
 - 460-050/055 Core only PWL
 - 460-070 interlayer
 - 460-075 Longitudinal Joint Density – LJD
 - 460-090 Material Transfer Vehicle – auger exposure
 - Future
 - AASHTO Materials
 - Spec Rewrite in progress
 - Manual of Test Procedures

➤ HMA Quantities

Agenda Topic: CO Agg Unit Updates**Presenter:** Tirupan Mandal / Adam Albers**Discussion:** Laboratories, Testing, QMP Base

- QMP Base
 - Nuc Density testing locations
 - CMM 834
 - SS 730.3.1 General
 - SS 730.3.3 QV Testing
 - SS 730.3.4.1 Contractor QC Testing
 - FDM 19-21-5 5.2.1 QMP Base Agg Dense
- AGG Source Approval
 - CMM 860.2 AGG Source approval
 - Recycled Concrete- on site crushing or central location crushing
 - Agg Quality Round Robin
 - 22 certified labs
 - Soundness test has greatest variability

Agenda Topic: CO PCC Updates**Presenter:** Mark Finnell / Leslie Hiddie**Discussion:** PEM, Spec Updates, Quality Assurance

- PEM
 - Performance Engineered Mixes
 - Designing a concrete mixture for...
 - Service Life
 - Permeability
 - Freeze thaw
 - Optimized gradation
 - Strength constraints
 - Tests
 - Box, Super Air Meter, Surface Resistivity, Optimized Concrete Mixes, Flexural Strength
 - Task Force – January to February 2023
 - SAM testing paused
 - Effective with 2024 specs
 - QC/QV Air content tests can use SAM
- Concrete Agg Gradation Testing
 - Diagnose issues
 - Honeycombing
 - Workability
 - Air content
 - strength

- Optimized Concrete Mixtures
 - More sensitive to gradation changes
- 2022 changes to concrete gradation testing
 - Combined acceptance
 - Department acceptance for gradation testing
 - Corrective action instead of credits
- Task force
 - State of Structure Aggregate TF
 - Expand to concrete paving
 - Next meeting December 15, 2022
- 2023 spec updates
 - 416.2.4, 416.2.5
 - Opening strength = 2000psi
 - Base patching
 - Fast track
 - 715.5 Payment
- Future of Concrete – Quality Assurance
 - FHWA
 - QC and QV testing
 - NC/NP
 - Current dispute resolution process
 - Testing verification

Agenda Topic: Research Updates

Presenter: Signe Reichelt

Discussion: Manual of Test Procedures

- Manual of Test Procedures
 - Posted in 2023, Active in 2024
 - AASHTO Standards used
 - Every test procedure with a modification, taken out of CMM – 140 pages

Agenda Topic: AASHTOWare Updates

Presenter: Judie Ryan

Discussion: AASHTOWare Updates

- AWP – AASHTO Ware Projects
 - Construction and Materials
 - Estimation
 - PreConstruction
 - Civil Rights and Labor
- SME Task: December thru January
- Dept Core & Implementation Task Team
- Box>DTSD>DTSD-BTS>Materials>QAUnit>QA-Materials Automation>AWP-Materials (location for posting the following...)
 - Tasks
 - Timelines

- Ideas

Agenda Topic: IAP Presentations

Presenter: Adam Johnson

Discussion: IAP Presentations Evaluations

- Milestones starting at 2020
- 2022 results did not meet 90%
- 2023 Expectations – 90%
- Create new IAP guide – CMM Chapter 8
- New Activities
 - Beams
 - Proctor
- Communication
- All nuclear density operations including PWL test strips – include Brian Jandrin on invites
- Assistant IA's Specialist Approval sent to Eric Lyngdal
- Region Presentations
 - BTS (Adam Johnson)
 - SW Madison (Scott Syron)
 - SW Lacrosse (Jeanette Frazer)
 - SE (Jeff Bruesewitz & Susan Rolbiecki)
 - NE (Jamie Cynor)
 - NC (Steven Hunter)
 - NW (Tom Portman / Tom Rossman)
 - BTS Consultant

Agenda Topic: Open Discussion

Presenter: Adam Johnson

Discussion: Buy America

- Buy America
 - November 2022 LET
 - CMM 228.5 (Buy America Provisions)
 - DT4567
 - 0.1% Exemption
 - Manufactured Products
 - Exemption from 1983
 - Waiver in the works from the federal government
 - Guidance will be in the presentation folder
- 1L Cement low strength
 - Send to Mark Finnell