



2024 10/8/24 WG MEETING

Meeting Minutes

LOCATION: City of San Diego Construction Management & Field Services Office / Kearny Mesa 9573 Chesapeake Dr., NW Scaper Conference Room (1st Floor), San Diego, CA 92123; and Virtual via Microsoft Teams Meeting

DATE OF MEETING: October 8, 2024 (1:30 PM to 3:00 PM)

ATTENDEES: See attached attendance roster

PRESENTATION: Refer to the presentation link under the 10/8/24 meeting

AGENDA:

- 1) Introductions/Sign-In/Meeting Overview
- 2) Public Comments
- 3) Welcome Message
- 4) Industry/Organization Updates
- 5) 2024 BBR Recap
- 6) 2023 Subcommittee Wrap Up Presentations
- 7) 2024 Subcommittee Updates
- 8) Next Working Group Meeting/Close

1) INTRODUCTION / SIGN-IN / MEETING OVERVIEW

Orland Mott, SNC Civil, Consultant for County of San Diego

- Asked everyone attending in person to sign in on one of the sign-in sheets, or if attending online to type their name, email and affiliation in the chat
- Noted that in the two years of facilitating the BBR meetings, positive developments have led to real improvements in the building and maintenance of our region's roads.
- Gave example that the County of San Diego moved to a 25% rap HMA and now nearly all it's HMA includes 25% RAP.
- Mentioned that by the end of Year 6 the County of San Diego has placed nearly 1.5 tons of RAP HMA that equates to about 3000 tons of rap being diverted from area landfills and represents a conservation of the same amount of virgin aggregates.
- Shared the meeting agenda.
- Informed everyone that the meeting was being recorded and participants could view a copy on website, www.sandiegocounty.gov/bbr, along with the presentation and meeting minutes.
- Thanked the City of San Diego for hosting today's meeting.
- Went over the building logistics and safety for those attending meeting.

- Went over the Teams meeting etiquette for virtual participants.

2) PUBLIC COMMENTS

- Orland reminded meeting participants that this meeting is being held in accordance with the Brown Act.
- Opened the floor for public comment.
- No comments provided.

3) WELCOME MESSAGE

Keith Kezer with the County of San Diego – Project Manager for the Road Maintenance Program

- Thanked everyone for coming to the meeting.
- Shared news about the new deputy director, Samir Nuhaily, P.E.
- Mentioned that in about a month, this was the 6th year of Building Better Roads
- Acknowledged that these meetings work best when agency and industry work together
- Explained that agencies identify the need and the industry helps fill that need.
- Encouraged participants to let him or Orland know of anyone who would like to join these meetings

4) INDUSTRY / ORGANIZATION UPDATES

Orland introduced Mike McManus Director of Engineering and Construction Relations from AGC (The Associated General Contractors of America)

- Mike presented an update about construction industry trends from AGC of America national survey from August 28th
- Showed that over half of the contractors listed the following major issues or concerns for 2024: High interest rates/Financial Costs, Insufficient supply of workers/Subs, Economic uncertainty, High Direct Labor Costs, Quality of Workers/Materials Cost
- Indicated that craft worker vacancies and salaried employee vacancies have gone up since last year
- Showed that 54% of firms have had project delays due to shortage of workers among other issues.
- Shared that 73% of firm's expected to add new employees in the next 12 months.
- Shared the reasons why contractors are having difficulty filling positions, where 62% indicated that the available candidates are not qualified to work in the industry among other reasons like new hires not showing up, lack of credentials, lacking day care for a family member, and inability to pass a drug test.
- Mentioned that he likes to show Politicians the Economic Impact of Construction data when they are considering regulations or laws that impact construction which in turn impacts the economy.
- Mentioned that they always look at the data of the Bureau of Labor Statistics to see if construction employment is either expanding or contracting, and shared that nationally it's up 3.2%, but in California only up by 1.7%.

- Shared the in the San Diego/Carlsbad region construction jobs have steadily increased to 93,000 in 2024 from 65,400 in 2014.
- Orland thanked Mike for his update.

Orland introduced Brandon Milar from CalAPA (The California Asphalt Pavement Association)

- Brandon presented the Asphalt industry Update
- Showed QR codes for Caltrans Standards, Greenbook, and City and County Pavement Improvement Center (CCPIC)
- Mentioned that 2024 Caltrans Standards will come out this month and be available online
- Explained some Caltrans-Standard Spec Changes regarding post -plant gradation, fog seals and partial depth recycling which Caltrans will begin incorporating next year
- Informed us that Caltrans will start collecting Environmental Product Declarations (EPDs) which provides stakeholders with information on the asphalt mix and its global warming potential.
- Shared emerging initiatives in Balance Mix Design which looks at rutting potential and cracking potential in mixes, a multi-year effort to refine mix design methodology.
- Encourage local agencies to consider FHWA's grant program for utilization of low carbon transportation materials (LCTM), with a total pool nationally of \$800 million and shared the QR codes
- Participant asked what were examples of the LCTM, Brandon answered that it could be like going for high RAP content mixes, with different types of additives that will help extend the life or adding more recycled products which can all be found in the link or QR code
- Brandon mentioned that you can be added to attend the Greenbook Asphalt Task force meetings which take place at 1pm on the 1st Wednesday of the month.
- Shared the CalAPA Training and Networking Events you can find at www.CalAPA.net
- Teams participant asked if EPDs will be required for RHMA mixes, which Brandon responded that they will not, and EPDs are only required for HMA Type A mixes.
- Participant asked if there are changes in RAP content, and Brandon responded that the RAP content was still 25%, and they are evaluating 40% rap mixes that can be seen in the coming years, but sooner than that will come an addition of 10% RAP into RHMA mixes which Caltrans is currently evaluating.
- Orland thanked Brandon for the update and added to stay tuned for a training in early 2025 to go over the new Section 39 Caltrans Specs

Orland introduced Suzanne Seivright, Director of Regional Government Affairs and Grassroot Operations

- Suzanne presented the California Construction and Industrial Materials Association (CalCIMA) Updates
- Announced Tony Limas' retirement
- Shared that Caltrans PMPC is requesting 12-16 accredited labs by the end of the month to participate in a balance mix design study evaluating 3 different test methods: ideal CT, ideal RT, and IDTHT
- Shared that Non-Statistical Pay Factor for Project is less than 2250 tons is at an impasse

with Caltrans in relation to smaller projects

- Encouraged those who want to be involved with alternative solutions to propose to Caltrans to let her know and she would put them in contact with Cameron Richardson.
- Shared that Cameron Richardson added to Caltrans Joint Training and Certification Program (JTCP) Task Force and Asphalt Subtask Group Chair
- Shared industry evaluating lime marination alternatives as Global Warming Potential (GWP) reduction strategy
- Walked through the California Air Resources Board (CARB) regulation on 0% emissions Advance Clean Fleet (ACF) along with the resources and deadlines
- Invited everyone to attend the 2024 Education Conference this February in Napa and other events.
- Orland thanked Suzanne for the update.

5) 2024 BBR RECAP

- Orland skipped the BBR report card because of time but hopes to do it towards the end.

6) 2023 SUBCOMMITTEE WRAP UP PRESENTATIONS

- Orland thanked acknowledge the commitment and time volunteered by the subcommittee topic leads
- Orland explained the approach to produce a Guidance Document detailing compliance requirements for bill AB2953 that agencies can utilize to comply with bill.
- Al Ochoa presented Regional Mix Designs and explained the difficulties his group encountered as they tried to develop a regional mix design that they can test and publish, but the difference in specs that different industries and different agencies follow made it near impossible to come up with a generic mix design. The verified JMF mixes they came up with will be on the BBR website for 6-month for anyone who wants to use them.
- James Watkins presented the topic Nondestructive Testing (NDT) of In Place HMA which began after visiting Caltrans Southern Regional Lab Office and seeing the FHWA's Mobile Asphalt Technology Center (MATC) where the Dielectric Profiling System (DPW) which seemed applicable to use for the county. The goal being to develop a guidance document that compared current HMA testing Practices and proposed NDT methods that could lead to a pilot study.
- Adam Barber presented the topic, Recycled Plastic Asphalt Additives with the goal to formulate guidance documents that explain why we need recycled plastic asphalt additives (RPA), detailing similarities and differences between common manufacturing and introduction methods of RPAs and to showcase some common traits and benefits of RPAs over conventional asphalt and other asphalt additives which will soon be published on the BBR website.
- Orland informed us that Adam made a proposal for a pilot study and encouraged any agency interested in participating in the pilot study should reach out to Adam.

7) 2024 SUBCOMMITTEE UPDATES

- Andrew Suarez presented High RAP greater than 40% topic. Hopes to develop a specification or wait for Caltrans and get the material they came up with into a pilot project first use it in a digout, monitor it and incorporate it as a change order spec in Y7 ACO South, but first ATP will pave their yard and have agencies study it.

- Ryan Merrit presented the topic for Modifiers for Asphalt Mixtures which his group interpreted as any additives that go into asphalt and encourage the county and other agencies to evaluate all available modifiers as well as environmental impacts of EPDs, cost, treatment needs for each project.
- Maurie Creager presented the topic RenuCore Recycled Asphalt Pellets, specifically RenuCore by CertainTeed RAS Pellets product. Described them as having a high-quality binder, reduced rutting, improved crack resistance, no added waste, no heat or solvents and additive delivery system. Hopes to showcase this product in Southern California since San Diego and the county have climate action plans and strategic plans to reduce waste and this product would accomplish that.
- Dylan Jones presented 100% RAP Cold Mix encouraged by legislation, and guidelines documents that are asking for 0% emissions, using higher RAP and shortages of virgin materials. Explained that RoadSoup is 100% recycled asphalt, cold manufactured, super sticky, clean polymer-based material, can be used in hot mix equipment, can be used for paving full roads as a surface layer which helps in rural areas. Shared that they are now developing the guidance document and hopes to showcase how RoadSoup can benefit agencies as well as what it can provide. Announced that they just executed a contract with All American Asphalt. Needs agency co-sponsors.

8) NEXT WORKING GROUP MEETING / CLOSE

- Orland thanked everyone and apologized for the meeting going long.
- Asked for everyone to stay tuned for notifications and plans to hold the next meeting in Early February 2025

<Meeting Adjourned>