



WORKGROUP MEETING

Meeting Minutes

LOCATION: County of San Diego Operations Center Campus / 5560 Overland Ave room171 (1st Floor), San Diego, CA 92123; and Virtual via Microsoft Teams Meeting

DATE OF MEETING: October 28, 2025 (1:30 PM to 3:00 PM)

ATTENDEES: See attached attendance roster

PRESENTATION: Refer to the presentation link under the 10/28/25 meeting

AGENDA:

- 1) Introductions/ Sign-in/ Meeting Overview
- 2) Public Comments
- 3) Welcome Message
- 4) Featured Presentation – Innovations in Pavement Preservation – Scott Metcalf – Ergon Asphalt & Emulsions, Inc
- 5) Industry/ Organization Updates
- 6) Next Building Better Roads Workgroup Meeting/ Close

1) SIGN-IN / MEETING OVERVIEW

Orland Mott, Mott Engineering Inc., Consultant for County of San Diego

- Orland welcomed everybody to the third BBR meeting of 2025.
- Expressed that this was the 7th year of the BBR
- Thanked those attending for their continued support.
- Covered attendance via sign-in sheet for in-person attendees and asked virtual attendees to enter their information in the chat feature
- Briefly discussed meeting agenda
- Shared Chat GPT asphalt joke of the day
- Notified participants that this meeting is being recorded in compliance per the Brown Act
- Shared that the meeting files will be available online after the meeting

2) PUBLIC COMMENTS

- Orland opened the floor to attendees for public comment due to the Brown Act
- Reviewed the virtual platform, Microsoft Teams, etiquette for the virtual attendees, including submitting questions via the chat feature, or using the raise hand feature
- Reviewed restrooms, building logistics and emergency/safety protocols for in-person attendees

3) WELCOME MESSAGE

Orland introduced Keith Kezer, County of San Diego, Road Maintenance Project Manager

- Keith thanked everyone for attending today
- Mentioned that BBR has been going on for seven years, since 2018
- Shared that the BBR was created after a request from the Board of Supervisors to have the County get the most out of SB1 funding
- Explained that the County's Engineering Division has been facilitating the BBR working group
- Voiced that the Board's goal was for innovative, sustainable and cost-effective pavement preservation which is what the group has been guided towards for 7 years
- Expressed that with everybody's help, there has been success in many fronts, especially in innovation
- Listed some of the things that have come out of the BBR group
 - Asphalt Rejuvenators
 - Increasing RAP in our pavements
 - 100% cold mix asphalt concrete
 - Recycling plastics
 - Recycling shingles in asphalt
- Shared where you can find more information: sandiegocounty.gov/bbr
- Shared that in 2018 the County increased the use of RAP (Reclaimed Asphalt Pavement) by 25%, resulting in about 500,000 tons of RAP use in a decade benefiting sustainability
- Thanked Supervisor Joel Anderson representing the Second District for advocating for funding which has been used to maintain the County's 2,000-mile road network as well as the BBR work group
- Shared that this kind of support translated into almost 800 miles of paving in the last 7 years.
- Thanked and credited the BBR work group for helping in this accomplishment
- Orland thanked Keith

Orland presented the BBR Report Card

- Orland expanded on what Keith had mentioned about RAP usage and showed a cumulative aggregate in tons by RAP use in tons graph which showed the nearly 500,000 tons of RAP used in the last seven years at the County
- Expressed the two benefits of using RAP, one being the diverting of all that material from our landfills and the saving of virgin aggregates which are limited in our region.
- Shared that in the past seven years they have held 21 work group meetings and 19 subcommittee meetings
- Shared that multiple training workshops have been held and another training opportunity will be announced by Brandon will be coming to the BBR soon
- Announced that we are close to finalizing details on a demo project using Delta Mist

rejuvenating emulsion and he will be sharing locations for the demo where meeting participants will be able to sign up to see this product in action, space is limited

- Asked those interested to reply to his email quickly when they receive it if they would like to attend the demonstration
- Expressed that later in 2026 he will produce the final report on the pilot study
- Thanked everyone who has contributed
- Shared that there are a total of eight guidance documents that have been completed and anyone can access on the BBR website: www.sandiegocounty.gov/BBR

4) FEATURE PRESENTATION: Innovations in Pavement Preservation – Scott Metcalf – Vice President Pavement Preservation Specialty Products, Ergon Asphalt & Emulsions, Inc

- Orland introduced Scott Metcalf who is highly respected for his knowledge and expertise in pavement preservation
- Scott mentioned that Ergon Asphalt & Emulsions is the largest supplier of liquid asphalt in binders in the US
- Shared an AI joke
- Talked about the different environmental conditions like the desert heat of Palm Springs affecting oxidation levels and aging a road much quicker than Huntington Beach weather
- Mentioned not all aging issues are equal
- Recommends thinking more about a product category versus specifying a single rule with rejuvenators
- Observed rejuvenators as being similar to applying sunscreen, preferred to be applied early and often but not too much
- Gave an example of his street in Santa Barbara County that received regular rejuvenating fog seal every 3 years and for 29 years nothing was repaired, then at 50 years they needed to replace it all when they stopped adding rejuvenator and it deteriorated.
- Mentioned innovations in Fog Seal to make it trackless and not requiring sanding
- Mentioned chip seals are the best performing for the county of San Diego, but may have been reduced because of chips getting loose and braking windshields.
- Described scrub seals as a band-aid preservation treatment for worst case scenarios roads with too many cracks and are past a mill and fill solution
- Showed a side by side photo of a road in Fairfield, CT where one lane was crack sealed and micro surfaced after 6 years of a 2" mill and fill treatment and was doing better than the lane that only received the 2" mill and fill and nothing after, demonstrating that preservation makes a difference and works
- Reiterated that tree trimming, vegetation removal, cleaning and proper crack sealing is important to do before resurfacing.
- Mentioned that there are many innovations with crack sealing
- Recommended to work with the equipment and materials available to your contractor and change the specification when appropriate

- Talked about best practices when using rejuvenators
- Showed Mix designs, different types of tests, and emulsion content criteria
- Introduced some design innovations of CANTABRO and the specification
- Shared that there have been studies on this material
- Shared that addition information about Slurry guidelines and Micro Mix Design and those interested in free memberships to agencies to join or go to www.slurry.org
- Concluded that you don't get what you spec, you get what you inspect
- Scott.Metcalf@Ergon.com 1(909) 228-2159
- Scott answered questions
- Orland thanked Scott for his presentation and assured participants his slide presentation would be posted online

5) INDUSTRY / ORGANIZATION UPDATES

Orland introduced Cameron (Cam) Richardson from CalCIMA (California Construction And Industrial Materials Association)

- Cameron thanked Orland and introduced himself as the Director of Technical Affairs and Asphalt Advocacy for CalCIMA.
- Highlighted 4 legislation & regulation updates:
 - AB 982 (Carrillo) – SMARA; Idle mine status – bill would allow road construction materials alive for longer to keep California with available aggregate resources, Shared it did not get signed, so they are rewriting it.
 - AB 289 (Haney) – a work zone safety was signed and got passed
 - AB 978 (Hoover) – Extends AB 2953 – this lets local agencies discuss why they are not comfortable being within Caltrans standards of RAP for asphalt. Was signed.
 - SB 526 (Menjivar) – Fugitive Dust – this bill has been halted, which if passed would have slowed construction down since it requires air quality rules to be updated for plants near communities, This bill got Tabled indefinitely, but it is in our best interest to check on the plants
- Provided Erik Turner's contact information for those with further questions
eturner@calcima.org
- Shared that Caltrans 2025 Standard Plans and Specs were released
- Shared the Pavement Materials Partnering Committee (PMPC):
 - High rap Phase 2 has increased to up to 40%
 - Quality of life changes, are Decision Documents: a change from T275 (paraffin) to T166 (SSD), sand equivalent, use the more current specifications
- Talked about changes to section 39 and ASTM test methods,
- Promoted the CalCIMA Events including the 2025 Education Conference,
 - November 10-13, 2025, at Disney's Grand Californian in Anaheim, CA
 - 2026 Technical/Leadership Conference May 13-15, 2026 Pacific Palms Resort, City of Industry, CA

- Provided Abi Hague's contact information, ahague@calcima.org
- Cam everyone for their time
- Orland thanked Cam for his great update

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

- Brandon shared an asphalt joke
- Provided QR code links to the 2025 Caltrans Standards, the 2024 Greenbook, and City and County Pavement Improvement Center (CCPIC)
- Reminded us that the specifications for the 2025 Caltrans Standards are available online and the 2024 Greenbook is available to order
- Shared the Caltrans Emerging Initiatives
 - Balanced Mix Design
 - Percent Within Limits (PWL)
- Reminded us that USDOT Changes DBE Program, which is not being enforced
- Shared what they are working on the Greenbook Asphalt Task Force who meet 1:00pm 1st Wednesday of the month
- Invited those interested to sign up and join the CalAPA Training: AP101 and Asphalt Forensics on January 14 in San Diego
- Shared that a Quality Control Manager Certification November 17-20 in Industry Hills and AP 101 training events are coming up on November 19, Dec 9, Dec 11, January 14 so please visit the CalAPA website for more information and to sign up, www.calapa.net
- Announced a Spring Conference & Expo coming up in March 2026 in Pomona, CA
- Thanked everyone
- Orland thanked Brandon for his update and Information.

6) NEXT BUILDING BETTER ROADS WORKING GROUP MEETING / CLOSE

Orland Mott, Mott Engineering Inc., Consultant for County of San Diego

- Orland asked participants to stay tuned for emails with updates on training and next meeting
- Orland announced that the next meeting will be in February 2026
- Thanked everybody for their time
- **<Meeting Adjourned>**