



## **WORKGROUP MEETING**

### **Meeting Minutes**

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

**DATE OF MEETING:** June 10, 2025 (1:30 PM to 3:00 PM)

**ATTENDEES:** See attached attendance roster

**PRESENTATION:** Refer to the presentation link under the 06/10/25 meeting

### **AGENDA:**

- 1) Introductions/ Sign-in/ Meeting Overview
- 2) Public Comments
- 3) Welcome Message
- 4) Featured Presentation – Roadway Management Technologies Pavement Management Solutions
- 5) Subcommittee Updates
- 6) Industry/Organization Updates
- 7) 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 second BBR meeting of 2025.
- Thanked the City of San Diego for supporting and hosting today's BBR Meeting.
- Briefly discussed meeting agenda
- Shared Chat GPT asphalt joke of the day
- Notified participants that this meeting is being recorded per the Brown Act
- Covered attendance via sign-in sheet for in-person attendees and asked virtual attendees to enter their information in the chat feature
- Reviewed restrooms, building logistics and emergency/safety protocols for in-person attendees
- Reviewed virtual platform/Teams instructions, etiquette for the virtual attendees, including submitting questions via the chat feature, or by raising a hand feature

### **2) PUBLIC COMMENTS**

- Orland opened the floor to attendees for public comment due to the Brown Act

### **3) WELCOME**

#### **Orland introduced William “Bill” Morgan, County of San Diego**

- Bill thanked everyone’s participation in these meetings
- Mentioned that BBR has been going on for seven years
- Expressed the importance of industry and agency coordination to achieve the most out of our road investment

#### **Bill introduced Joel Anderson, County of San Diego Supervisor - District 2 from the Unincorporated County**

- Supervisor Joel Anderson expressed his love of roads
- Shared having the largest population of unincorporated
- Appreciates everyone’s hard work and support
- Orland thanked Supervisor Anderson for attending this meeting and his continued support for the BBR

### **4) FEATURE PRESENTATION: Roadway Management Technologies Pavement Management Solutions**

#### **Candler McCollum, CEO, Roadway Management Technologies (RMT)**

- Orland introduced Candler and briefly explained how his company seeks to transform how agencies manage their road networks
- Candler briefly introduced himself and his company
- Introduced one of his partners in California, Jim St. Martin, President & CEO of JAC & Associates, who would be a point of contact if there are any questions in this area
- Addressed the challenges/concerns for local agencies
- Focused on budget constraints being the most common challenge
- Mentioned the gas tax has lost 80% of its purchasing power due to asphalt price increase in the last 5 years as well as inflation in other materials
- Shared that most agencies’ budgets have decreased
- Described the importance of a Pavement Management or Pavement Preservation Plan
- Explained the challenge of the current process most agencies use: the data collection, data processing and data tracking are usually completed by different contractors and individuals where inconsistencies in every step are inevitable
- Introduced different approach RMT takes—they do not drive all your roads in your agency’s network to give you a one-time evaluation of their condition, instead they designed a proprietary hardware system that they mount to the fleet vehicles of the agencies they service so they are collecting data in real time passively
- Illustrated that the GoPro style camera would be mounted to the agencies’ trash trucks, code enforcement trucks, police vehicles, and any road that they drive everyday would passively be collecting the data without them having to interact with the system
- Explained that the data gets uploaded to the cloud at the end of the day once the vehicle is parked
- Displayed the multiple mounted sensor components RMT uses along with AI to analyze

the data and then creates a digital twin of your road network in the RoadManTech SaaS Platform

- Gave example of how his hardware works, and the capabilities of the software
- Showed that the new RoadManTech SaaS Platform will have dashboards with information like Network PCI, Remaining Service Life, Network Coverage, Project Summary, Camera Connectivity Status, Road Runners Connectivity Status, Network Value
- Said the AI and the daily input of road condition information let the platform reforecast every 24 hours when a state of failure will be reached to help agencies choose proper treatments in an appropriate timeframe
- Answered the question of how the platform determines failure, which is that this is an input by the agency into the Preservation Treatment Manager in the platform
- Was asked how frequently the platform's cost models are changed, Candler said this was also something the agency adjusts at any point.
- Noted that they are currently operating in 18 states and have 28,000 miles of road under management, with the data being updated daily and the AI analyzing roads' reaction to their environment and treatments to predict what could be the best future treatments for those roads and eventually other roads experiencing similar conditions
- Said next month you will be able to ask the AI chat assistant from RMT to generate a certain report or other query, and it will search all the databases and come back with an answer.
- Explained RMT is strictly a software as a service model and provides the hardware for free, warrant and maintain the hardware indefinitely, and just ask for GIS information
- Said the agency pays for access to data
- Shared that RMT has a new feature that uses AI to extract all your signage from the photos so if a sign goes missing RMT automatically sends the agency a work order that the sign is missing
- Said other assets RMT will inventory soon will be striping, curb and gutter, sidewalk, powerline and utilities, reflector marking.
- Orland thanked Candler for the informative presentation and for those interested or with questions to go to the BBR website for contact information

## **5) INDUSTRY / ORGANIZATION UPDATES**

### **Orland introduced Cameron 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 3 legislation & regulation updates:
  - AB 982 (Carrillo) – SMARA; Idle mine status – bill would allow road construction materials alive for longer
  - AB 978 (Hoover) – Extends AB 2953 – this lets local agencies discuss why they are not comfortable being within Caltrans standards of RAP for asphalt
  - 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 facilities near homes, schools, parks and hospitals by 2027, asking for aggregate piles to be walled off and be under 8 ft tall if within 500 ft of a sensitive area.

- Shared the highlights of the Pavement Materials Partnering Committee (PMPC) where he is the industry lead for the asphalt subtask group and is involved on work product groups:
  - Described 10% RAP in RHMA as a great innovation across the nation, and now 10% recycled material will be allowed in Caltrans roads
  - Shared that Statistical Pay Factor (SPF) – goes back to old quality assurance/quality control days where you have potential bonuses or deducts on Caltrans projects
  - Updated us on Post Plant Gradation (PPG) – it's for how we evaluate materials for spec of the final piece of material
- Promoted the CalCIMA Events including the 2025 Golf Tournament on June 23, 2025, at Yocha Dehe Gold Club in Brooks, CA and the 2025 Education Conference November 10-13, 2025 at Disney's Grand Californian in Anaheim, CA
- Shared that some legislators would be there to explain how both California and Washington will affect local governments
- Thanked everyone for their time
- Orland thanked Cameron for his great update

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

- Brandon reminded us that the specifications for the 2024 Caltrans Standards are available online and the 2024 Greenbook is available to order
- Shared that for those who want to use an asphalt specification that is more local agency friendly, the City and County Pavement Improvement Center (CCIP) has a version of the Caltrans specification available for use.
- Reminded us that if the 2024 Standard Spec book is being used, all the acceptance is based on Post-Plant gradation, so changes will occur in how material is accepted and paid for which will impact how a project is prepped, the costs, the estimate for a project implemented in two or so years.
- Shared QR code where you can find more information on UCPRC (Use of RAP in Asphalt Rubber Mixes) report on five pilot studies throughout the state
- Reported on some emerging initiative at Caltrans in Balanced Mix Design that is changing how they design their asphalt mixtures concentrating on rut resistance, and crack performance of the mix in extreme weather conditions
- Informed us that Caltrans is incorporating EPDs as a requirement this year on certain number of their projects where the global potential of their mixes is being identified so they are trying to better understand the environmental impacts of construction materials
- Mentioned that contractors are using these tools to become more efficient in how

materials are being produced and transported

- Shared that the Greenbook Asphalt Task Force is meeting 1:00pm, 1<sup>st</sup> Wednesday of the month focusing on updating the asphalt portion of the Greenbook Specification.
- Invited anyone interested in working on actively on the use of fibers—moving toward gyratory compactor and better specifying the use of RAP in that Greenbook spec to reach out to him.
- Shared the CCIP (City and County Pavement Improvement Center) training opportunities with a QR code including getting the Pavement Engineering and Management Certificate, and guidance documents
- Shared the upcoming events: CalAPA Training Courses, CalAPA Day at the Races in Del Mar, CA on July 19<sup>th</sup>, and CalAPA Annual Golf Outing in Journey at Pechanga, Temecula, CA on September 25<sup>th</sup>, for more information ([www.calapa.net](http://www.calapa.net))
- Thanked everyone.
- Orland thanked Brandon for his update.

**Orland introduced Mike McManus from The Associated General Contractors of America (AGC)**

- Mike presented construction trends and outlook
- Shared that in the national big picture some opportunities are the senate overturn of CARB electric vehicle mandates, the Federal DOT agreeing DBE Program unconstitutional
- Shared the national uncertainties of Tariff affecting the industry, price increases, immigration enforcement
- Showed graph of construction job gains nationally are slow but still outpace other sectors
- Pointed out that in California construction employment is decreasing by 2.6%
- Showed that material costs have been increasing since February 2020 and wage increases by 4-6% as well
- Shared the change in construction spending which is low
- Shared website you can visit to find out more about Tariff announcements and dates affecting construction that AGC is tracking: [www.agc.org/tariff-resources-contractors](http://www.agc.org/tariff-resources-contractors)
- Shared the statistics of foreign-born trade workers in 2023 – California having 52%
- Wondered if California would be a target for the crackdown of illegal immigration, and potential ICE raids in construction sites
- Talked about San Diego Region Expectations, losing about 1,000 jobs year over year in the San Diego region which is the first time we lost jobs in 15 years
- Mentioned that although upward material prices had mostly eased and leveled out, tariff are now kicking in on imported of materials like sand from Mexico and British Columbia
- Thanked everyone
- Orland thanked Mike for his industry update presentation and thanked all three of the industry updates

## **6) Subcommittee Updates**

Orland Mott, SNC CIVIL., Consultant for County of San Diego

- Orland shared that the subcommittee released its latest guidance document in late May on reclaimed asphalt shingles, available on the website
- Thanked Maure Creager from Saint-Gobain for her efforts in putting the document together as well as the DPW solid waste team for their efforts in moving it along
- Thanked Candler for his excellent feature presentation and encouraged those interested to reach out to him
- Thanked Jim for setting it up

## **7) NEXT BUILDING BETTER ROADS WORKING GROUP MEETING / CLOSE**

- Orland announced that the next meeting will be in late October/November and it will be the final meeting for the 2025 BBR Meeting Series
- Thanked everybody for their time
- **<Meeting Adjourned>**