MEETING DATE: January 30, 2019 (10:00 AM)

ATTENDEES:
Bill Morgan (COSD-DPW)  Jeff Richardson (CCA)
Brandon Milar (CalAPA)  Eric Wolff (COSD-DPW-Recycle)
Chris Iaccio (Cemex)  Frank Rivera (City of Chula Vista)
Frank Arebalo (COSD-DPW-Roads)  Joshua Lahmann (City of SD)
Matt Pound (Escondido Materials)  Rich Fitterer (Kleinfelder)
Michael Aguilar (COSD-DPW-TE) – LEAD  Amanda Olgeirsson (Kleinfelder)
Nate Forrest (CNCA)

PUBLIC COMMENTS IN ACCORDANCE WITH BROWN ACT:
• No Public Comments

OVERVIEW:
• Meeting began with participants’ self-introductions. Rich Fitterer discussed meeting norms and explained his role (assisting the County of San Diego (County) with facilitating BBR meetings and organizing deliverables in the form of white papers for action items generated in subcommittee meetings). The subcommittee discussed each subject/issue/challenge defined in the previous meeting and delegated individuals who would work on a draft white paper. Draft white papers are to be shared internally on February 15, 2019, within the subcommittee for review.

DISCUSSION:
Committee Deliverables
• Reports – based on follow-up discussions with the Building Better Roads Working Group Executive Committee, it was requested that each subcommittee prepare and produce “reports” to expand on different ideas generated during meetings; each report would consist of an Abstract, Problem Statement, Solution, Conclusion, and References (two to five pages); reports would be posted on the County’s website to be shared with the public and other agencies; reports will be living documents; subcommittees’ findings will be discrete and definable, and provide a deliverable to help elevate issues and implement change; a template for subcommittee reporting was provided.
• Achievement Matrix – County will generate achievement matrix to track subcommittee progress and accomplishments; use as a reference in the general group meeting and when presenting to others.
• Define Short-Term vs. Long-Term – Short-Term is typically less than one year; Long-Term is typically greater than a year.
The County’s Current and Upcoming Projects
• A handout listing the County’s CIP road projects was passed out; identifies projects under contract, and projects that could benefit from alternative pavement methods; includes long-term and short-term projects

Environmental Considerations
• Discussed idea to capture emissions savings of alternative pavements as a part of climate action plan; cold in-place recycling (CIPR) eliminates hauling, can reduce emissions; good selling point to stakeholders and public

Production Plant Information
• Discussion regarding recycled aggregate for concrete and asphalt; those who went on the field trip to Vulcan Materials Carroll Canyon Plant on 1/29/19, saw the large grind piles and rubble piles; urges everyone to see the urgency to adapt to using recycled materials; encourages agencies to decrease the number of mix designs and streamline specifications (topic tabled for Mix Types Subcommittee)
• Cemex plants are prepared to use recycled aggregates for concrete mixes if they have additional aggregate storage bins

Warm Mix Asphalt
• Warm mix allows for an increase in RAP; environmental benefits include decreasing emissions and greenhouse gasses and could be a benefit to the region’s climate action plans; ability to use at night in colder temperatures; Caltrans has existing specifications; used locally by City of Chula Vista, Port of San Diego, and National City
• Matt Pound (Escondido Materials) noted that when a plant is running warm mix asphalt concrete, they can’t batch conventional asphalt concrete
• Group agrees that warm mix asphalt should be discussed further in Mix Types Subcommittee rather than Alternative Pavements; no white paper assigned

ASSIGNING REPORT TOPICS:
Use of Kevlar Fiber in HMA
• Group suggests involving a fiber manufacturer in the report preparation; agrees that long-term performance data is needed; City of San Diego and Escondido have done pilot projects; using fiber can go together with increased RAP usage; technology is not new, implementation in the region may be new
• CalAPA will lead the report; will include specification references; notes that established specifications will make short-term goals easier to attain; will ask for fiber suppliers to weigh in on report including usage with and without RAP

Use of Conventional Concrete Pavement
• Industry representative will lead the report; will involve Charles Stewart (head of SW Concrete Pavement Association)

Use of Roller Compacted Concrete Pavement
• Industry representative will lead the report; will involve Cory Zollinger of Cemex (head of RCC Council); County will provide an agency engineer
Use of Concrete as an Overlay Over Traditional Asphalt Concrete Roads
- Industry representative will lead the report; notes that Caltrans has implemented this method in one project so far, and has another project currently under construction

Full Depth Reclamation of Existing Road Section
- Industry representative will lead the report with help from City of Chula Vista; City of Chula Vista has recent projects involving this method

Cold In-Place Recycling
- Industry representative will lead the report

CLOSING COMMENTS:
- First draft of reports to be shared on February 15, 2019, internally to subcommittee for review
- The next Building Better Roads Working Group meeting is scheduled for February 26, 2019.
- Schedule the next Alternative Pavements Subcommittee meeting for Monday, March 18, 2019, from 10 am to 12 pm

ACTION ITEMS
- County to distribute meeting sign-in sheet and minutes
- County to distribute white paper topic assignments
- Report lead to submit first drafts by February 15, 2019