DATE OF MEETING: May 15, 2019 (9:00 AM)

ATTENDEES:

Amanda Olgeirsson (Kleinfelder)  Frank Rivera (City of Chula Vista)
Bill Morgan (COSD-DPW)  Jeff Richardson (Lehigh Hanson)
Brandon Milar (CalAPA)  Rich Fitterer (Kleinfelder)
Crystal Howard (Project Cornerstone)  Steve Weihe (COSD-Recycling)

PUBLIC COMMENTS IN ACCORDANCE WITH BROWN ACT:

• No Public Comments

OVERVIEW:

• Meeting began with participants’ self-introduction followed by Rich Fitterer, on behalf of Mike Aguilar, reviewing the proposed agenda and goals for the meeting.

DISCUSSION:

Working Group Recap and Achievements – Rich Fitterer

• Rich Fitterer reviewed the Building Better Roads (BBR) Working Group’s demographics and a list of achievements including development of a master contact spreadsheet: currently there are 112 working group members with 16 agencies represented; members were invited to the CalAPA San Diego Technical Committee Meeting on April 3, 2019, which was devoted to a technical presentation called “Evaluating High RAP Mixes: UCPRC Overview of Current Research”; plan to have more meetings/training sessions in the future noting that any topics or speaker suggestions would be helpful; subcommittees are working on developing white papers (guidance documents), with a total of ten having been submitted out of 21 identified.
• The main goal for this meeting is to begin discussing a schedule and process to develop and review guidance documents; determine which white paper(s) we should do first.

Working Group Direction – Rich Fitterer

• Rich Fitterer provided an overview for the future of Building Better Roads and states that there has been positive feedback from industry and organizations on how BBR is facilitating communication, identifying and resolving issues, and helping to educate all involved on matters related to roadway rehabilitation projects
• Frequency of BBR Working Group meetings: Attendees agree on holding three BBR Working Group meetings a year in February, June, and October
Upcoming June 11, 2019, BBR Working Group meeting: Rich Fitterer and Crystal Howard are working to arrange another plant tour either at Superior Ready Mix Mission Gorge or CCA/Hansen Miramar in the morning before the meeting

Note that we are always open to ideas and suggestions on key speakers and/or topics for BBR meetings

Bill Morgan suggested incorporating a discussion on the challenges in batching material for use by different agencies with differing material specifications into the plant tours

Brandon Milar identified the opportunity for a recycling workshop in March 2020: AAPT presentation and discussions in asphalt pavement technology scheduled in San Diego; the Workshop will attract top researchers; Brandon Milar is looking to put together a local workshop to include the BBR Working Group

Rich Fitterer noted the continuation of outreach efforts to remaining agencies including cities, water districts, and airports

Rich Fitterer also noted that we are considering ways to improve the format and functionality of the BBR website as well as social media options, and posting a calendar of upcoming events

Guidance Document Development – Rich Fitterer

Rich Fitterer expressed the need for guidance documents to be well thought out, thoroughly vetted, and factual for the BBR Working Group to maintain credibility and relevance; a guidance document review schedule has been developed; each guidance document will be subjected to one of two paths for review, long-term (nine months) and short-term (five months), to be determined by subcommittee.

Bill Morgan added that schedules may need to be specific for each guidance document and that peer review will provide value and weight to the documents

Guidance Document Status – Group Discussion

AP-1 – Use of Kevlar Fiber in HMA

Brandon Milar said he needs to consult with his industry contacts to develop this topic

Bill Morgan added that the County of San Diego is interested in using fiber in asphalt paving projects

AP-4 – Use of Concrete as an Overlay over traditional AC Roads

A draft guidance document has been submitted but author Nate Forrest was not present to discuss

AP-5 – Full Depth Reclamation of Existing Road Section (FDR)

Frank Rivera discussed the City of Chula Vista’s design group has utilized this rehabilitation strategy in many locations around Chula Vista

This document is in the 60% subcommittee review phase

AP-6 – Cold In-Place Recycling (CIPR)

A draft guidance document has been submitted but author Marco Estrada was not present to discuss
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- Brandon Milar discussed how CIPR and FDR are established methods that are standard practice being used by agencies around the state and both processes are being improved upon. He clarified that FDR is removing and recycling an entire pavement section, including base and/or subgrade, and that CIPR is removing and recycling only the asphalt of an existing pavement section.
- Rich Fitterer suggested that comments be logged into a spreadsheet that will be included with the guidance document on SharePoint.
- The group suggested the following peer reviewer candidates: CalAPA, Chip Seal Association, Recycling Association, UCPRC and CalRecycle. Rich Fitterer to consult with Marco Estrada for more peer reviewer suggestions.

Other/Tabled Topics – Group Discussion
- Frank Rivera discussed the City of Chula Vista’s emphasis on their climate action plan and suggested that guidance documents could consider which topics are most environmentally friendly. Bill Morgan added that the guidance documents could be used to propose topics to elected officials and could address costs like life cycle costs.
- Crystal Howard added that FDR and CIPR are more environmentally friendly since material transportation is reduced with these processes, which can help reduce greenhouse gasses for agencies’ transportation plans.
- Brandon Milar discussed Environmental Product Declarations (EPD) as a life cycle analysis method to quantify environmental impacts of industries. The paving industry would include hauling distances and routes, and ingredients of materials going into production facilities. Caltrans is in the pilot phase of implementing EPDs on their projects.
- Rich Fitterer said that documented use of pilot projects will be included on the online survey, and asked that information about pilot projects be included in guidance documents.

CLOSING COMMENTS AND ACTION ITEMS:
- Rich Fitterer stated that internal discussions are taking place regarding topics for March’s workshop.
- Next subcommittee meetings will tentatively be held on August 14, 2019, format could be in person or as a conference call depending on guidance document status.

Meeting adjourned at 9:52 A.M.