Meeting Minutes

MEETING DATE: January 31, 2019 (1:00 PM)

ATTENDEES:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
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<tr>
<td>Al Ochoa</td>
<td>Caltrans D11</td>
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<tr>
<td>Marco A. Estrada</td>
<td>PRSI</td>
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<tr>
<td>Bill Morgan</td>
<td>COSD-DPW</td>
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<td>Mark Perrett</td>
<td>COSD-DPW</td>
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<tr>
<td>Brandon Milar</td>
<td>CalAPA</td>
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<td>Matt Souttere</td>
<td>City of Escondido</td>
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<tr>
<td>Crystal Howard</td>
<td>Project Cornerstone</td>
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<td>Matt Pound</td>
<td>Escondido Material</td>
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<td>Jose E. Navarro</td>
<td>City of San Diego</td>
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<tr>
<td>Rich Fitterer</td>
<td>Kleinfelder</td>
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<tr>
<td>Keith Kezer</td>
<td>COSD-DPW – LEAD</td>
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<tr>
<td>Amanda Olgeirsson</td>
<td>Kleinfelder</td>
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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 – the County will generate an 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.
ASSIGNING REPORT TOPICS:
Use of RAP Percentage in Asphalt Concrete Overlays (ACO) in Excess of 15% (Greater than 15%, less than 25%)
• The County will increase RAP to 25% in the next round of overlay contracts, which will be released in the next 2-3 months; Caltrans and Greenbook specifications already cover 25% RAP
• Review and compare Caltrans and Greenbook specifications

Use of RAP Percentage in Excess of 25% and its Application (Lower volume areas)
• The group agreed that this is a more difficult step to take than increasing to 25%; CalAPA has resources and data from pilot projects implementing over 25% RAP; the County states that this step should be an iterative process and that there should be a pilot project in the County for non-wearing course surfaces
• Applications for RAP greater than 25% (previously its own topic), to be combined with this topic; focus for pilot projects in the County should be on lower volume roads including parking lots, bike paths, shoulders, dig-outs with wearing courses on top, etc.
• Report should include specific applications for RAP greater than 25%

Use of RAP in Pavement Seals
• County stated that the County of Los Angeles uses 100% RAP in their pavement seals; no part of the process is proprietary (not binder specific, no proprietary equipment required)
• Short term should focus on RAP in asphalt concrete roads; using RAP in seals will be an issue in the long term as wearing courses degrade
• Greenbook Committee is working on specifications and are on track to finish this year; they are using LA County’s specifications as a guide

Regulatory Environment does not support Processing and Long-Term Storage of RAP for Reuse
• Limitations associated with stockpiling RAP; facilities have recently been granted extra time to store materials safely; though this issue has been resolved, this committee agreed that a white paper should be generated to show findings

Uniform RAP Standards (Storage, Processing and Use)
• County is cautious about specifying rules that will put industry into a corner; industry stated that acceptance criteria will dictate fractionation requirements
• This Subcommittee agreed that this topic should be addressed by the Mix Design Subcommittee

Resurfacing Design Standards Evaluation (Caltrans, Greenbook, AASHTO)
• This Subcommittee agreed that this topic should be addressed by the Mix Design Subcommittee

CLOSING COMMENTS:
• Attendees agreed that this subcommittee has become a RAP Implementation group – discussing pavement structural design and how to apply mix types
• First draft of reports to be shared internally on February 15, 2019, within the subcommittee for review.
• Next General Group Meeting is scheduled for February 26, 2019
**ACTIONS ITEMS**

- County will distribute meeting sign-in sheet and minutes
- Project Cornerstone will put together a second asphalt plant tour after the next work group meeting
- County will invite smaller city engineers to future meetings and will distribute report topic assignments
- Report leads to submit first drafts by February 15, 2019