

Minutes for PCCAS Recycling Meeting

October 7, 2014

Harry Reid Engineering Laboratory-Room 109

University of Nevada-Reno

2:30 – 4:30PM

1) Call to Order:

The meeting was called to order at approximately 2:40PM. The attendance for the meeting is attached. Anti-Trust guidelines were covered for the meeting. Introductions were made.

2) Review of Committee Charges:

- 2.1 Evaluate the Performance of Cold Recycled after at least 2 years of service.**
- 2.2 Evaluate the Performance of Hot Recycled Pavements in service.**
- 2.3 Work in conjunction with the Paving/Asphalt Mixture Committee regarding performance of higher RAP/RAS.**
- 2.4 Evaluate the feasibility of using RAP in slurry mixes.**

3) Review of RTC Recent CIR Projects :

Elie Hajj from UNR presented the Superpave mix design procedure for CIR, with T-283 stripping test for the freeze-thaw performance. The target air voids is $13 \pm 1\%$ with $115\text{mm} \pm 5\text{mm}$ specimen height. He also mentioned that 1.5% lime helped the performance on rutting and raveling and the construction issues on the Gerlach CIR project. Doug Olson from Western Emulsion presented two recent CIR projects in Red Rock and Sand Piper in Washoe County, NV.

- 4) Steve mentioned the PCCAS Recycling Committee's CIR study is in draft form and out for review by data contributors.**
- 5) Hot-Mix Recycling of RAP: – General discussions followed. No new development from last meeting on establishing binder contribution from RAP and/or amount of RAP from most agencies.**
- 6) Recycling Asphalt Shingles: - General discussions followed. No new changes from the last meeting. The WSDOT RAS research report is on the PCCAS Conference web site.**

- 7) **State DOT Updates:** General discussions followed. Brad Neitzke (WFL) mentioned a CCPR project was done for the Grand Teton National Forrest. Larry (ODOT) indicated two CIR jobs were done in Oregon. Charlie (NDOT) indicated the 2014 new NDOT Standard Specifications has been published and can be down load from the DOT web site. Sri (Caltrans) mentioned Caltrans finished four CIR project this year, 2 are constructing, and three are ready to bid. He will present Caltrans experience on CIR.
- 8) **The Use of RAP in Sealcoats:** Steve indicated no more updates on the use of RAP and may find someone to present using RAP for the Chip Seal project.

The meeting ended at approximately 4:30pm.

Respectfully Submitted,


Charlie Pan, Co-Chairperson

Pacific Coast Conference on Asphalt Specifications

Recycling Committee

October 7, 2014

Reno, Nevada

NAME	REPRESENTING
1. ELIE HAJJ	UNR
2. Sallie Houston	VSSI
3. Keven Heitschmidt	Albina Asphalt
4. Amir Gholipour	Antm Pav USA
5. Haleh Azari	AASHTO
6. Ala Mohseni	Pavement Systems
7. GEORGE WAY	RAF
8. Christine Chia	Paramount Petroleum
9. Shauna Teel Marion	U.S. Oil
10. BRANDON MILAR	MWV
11. LIBERT VASQUEZ	CALIF. DEPT. OF TRANS. (Caltrans)
12. Bob Hummer	Asphalt Institute
13. Joe DeVol	WSDOT
14. Craig Cole	Target Resources
15. Steve Burhan	Paramount Petroleum
16. Dean Wetzel	AMEL
17. Wayne Brinkmeyer	NDOT
18. Charlie Pan	NDOT
19. ADAM SEAREY	WASHOE COUNTY
20. Doug Olsen	Western Emulsions
21. BRAD NEITZKE	WESTERN FED. LANDS
22. Mike Anderson	Asphalt Institute
23. Mark Balshe	RPA
24. DON POWELL	SAN JOAQUIN REFINING CO.
25. ROGER SMITH	consultant

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Reno, Nevada

NAME	REPRESENTING
26. Peter Sebaaly	Univ. of Nevada
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