Group Memory

Seal Coat Sub Task Group

December 17, 2013

Next Meeting dates

1/31/2014 0930 – 1530

Desired outcome for next meeting:

Complete scrub seal spec

Review rubber slurry seal

Observer comment report on D2 pilot test sections

Section 37 comment review

Desired outcome for this meeting:

The industry has met and has decided to list our items of priority as follows:

For Dec 17th Meeting:

1. Scrub Seal Completion
2. Section 37-2 Reorganization issues with a discussion of the requested technical changes.
3. Rubberized slurry seal
4. Observer comments from D2 Test sections.

Bin List & Great Ideas

Group Decisions

All decisions made will be double underlined in the body of the notes below.

(Date)

Document Register

Upshot

These are the assignments made at the meeting. As new ones are added they will be appended to the list. As assignments are completed they will be lined out with ~~a strike-through~~, but left on the list. This will provide a running record of assignments made at these meetings.

Ref. #	Who	What	When
1	Scott	Take rubberized Slurry Seal discussion to next level. Work on a proposal to CT. (See discussion under agenda item # 15)	1/10/2014
2	Jason	Get comments from D-2 pilot test section (Route 36 AND Route 44) Convene all observers together to discuss and summarize their comments (See discussion under agenda item # 16)	1/10/2014.
3	Scott	Forward all D-2 pilot test section (Route 36 AND 44) comments to Jason and Peter (See discussion under agenda item # 16)	12/17/2013
4	Peter	Arrange a date for the evaluation for Highway 36. Provide a two week notice to the sub task group. (See discussion under agenda item # 16)	1/09/2014
5	Scott	Industry will submit an electronic copy of changes to the section 37 – 2 to Caltrans. (See discussion under agenda item # 13 and 14)	12/17
6	Jack	Jack will supply language to Doug and Scott for old warrantee language addressing acceptance criteria for visual inspection. (See discussion under agenda item # 13)	12/27/2013
7	Todd	draft language addressing the ASTM D2171 concern and send to the Scott (See discussion under agenda item # 13) (Work with Sally)	12/27
8	Doug	send out the gradation table to Scott to forward to industry seal coat sub task group (See discussion under agenda item # 13)	12/20/2013 ??
9	Scott	Draft Scoping document will be completed for all of Section 37 and submitted to Doug including the technical change comments discussed today for section 37-2. (See discussion under agenda item # 14)	12/20/2013
10	Doug	Provide a reply with a timeline from CT on 37-2 comments discussed today on the non-technical change requests. (See discussion under agenda item # 14)	1/06/2014

Ref. #	Who	What	When
11	Scott	Convene an industry meeting to identify and discuss the RSS changes that have been made without industry input. (See discussion under agenda item # 14)	1/08/2014
12	Peter	Scrub seal spec comment responses back to Industry	1/7/2014

Critique from this meeting:

What went well	What Needs Improvement
On time Worked well together Cookies Good documentation and facil. Stayed on the agenda Completed all items on agenda Civility. Industry pre-meeting	No coffee Donuts. Start time too early. Individuals outside the group should not set our time frame. Need to have more onsite decisions on the simple stuff. Provide CT information on decisions wanted at the meeting, prior to the meeting (not the day before) More open mindedness

#	Time	Topic and Presenter	***Purpose*** and Process
1	0800	Opening and Introductions, Purpose of meeting	

Agenda Item 1. Opening

1. 1. Group was self-introduced.
1. 2. Purpose of meeting: Update the existing six projects and reach agreement on the items we will work on for FY 14/15.

2		Agenda Review / Halverson/all	

Agenda Item 2. Agenda Review

2. 1. Agenda from Industry was woven into the agenda prepared by facilitator.

2. 2. Industry Agenda was as follows:

For Dec 17th Meeting:

1. Scrub Seal Completion
2. Section 37-2 Reorganization issues with a discussion of the requested technical changes.
3. Rubberized slurry seal
4. Observer comments from D2 Test sections.

3		Overview of the Rock Products Decision Making Process	

Agenda Item 3. Overview of Rock Products Decision Making Process

3. 1. Major organizations representing industry and CT are Rock Products Committee, meet quarterly
3. 2. There are four task groups. Each of those has co chairs from industry and CT.
3. 3. Each task group has sub task groups
3. 4. This sub task group has six projects under way.
3. 5. Priorities are suggested by sub task groups yearly. Task group co-chairs meet annually to set priorities for all their sub task groups.
3. 6. There are expedited projects that can move ahead with sigh off from RPC co-chairs.

4		Current status of each of the six projects – Vacura	

Agenda Item 4. Current status of the six projects

4. 1. Peter Vacura updated each of the projects briefly – see below.

5		*Project 3 - CIR*	Current status and next steps

Agenda Item 5. CIR (3) Working on Lab Procedure 8.

6		Project 4 Fog Seal	Current status and next steps

Agenda Item 6. Fog seal (4) :

6. 1. Chico State has written a report for the department that will recommend that the moratorium be lifted.

6. 2. This is an internal item for now to CT

7		Project 8 Warm Mix asphalt Rubber Chip Seal	Current status and next steps

Agenda Item 7. Warm Mix Rubber Chip Seal (8) –

7. 1. Will be discussed today.

8		Project 5 Rubber Slurry Seal	Current status and next steps

Agenda Item 8. Rubber Slurry Seal (5)

8. 1. Will be discussed today

9		Project 6 Modified Binder Chip Seal	Current status and next steps

Agenda Item 9. Modified Chip Seal (6) –

9. 1. CT has developed a comment resolution matrix, and will be moving forward soon.

10		Project 7 Scrub Seal	Current status and next steps

Agenda Item 10. Scrub Seal (7):

10. 1. Will be discussed today.

11		Project 8 Warm Mix Rubber Chip Seal	Current status and next steps

Agenda Item 11. Warm Mix Rubber Chip Seal (8) –

11. 1. Will be discussed today.

12		New Project Proposal A		

Agenda Item 12. New Project Proposal A

12. 1. Note: The Industry four part agenda was followed at this point in the meeting – see below:

1. Scrub Seal Completion – See Agenda Item 13 below.
2. Section 37-2 Reorganization issues with a discussion of the requested technical changes. See Agenda Item 14 below.
3. Rubberized slurry seal See Agenda Item 15 below.
4. Observer comments from D2 Test sections. See Agenda Item 16 below.

Agenda Item 13. Scrub Seal (Project # 7)

13. 1. Industry worked on this yesterday –

13. 2. Industry is concerned about broom dragging on the Vialit performance test – Not sure this will work. We will try it. We are just not sure this is possible. We will find out in the pilot.

13. 3. Chip seal guides: 48 hour Time constraints too tight for delivery to lab and curing of sample for testing.

13. 4. Visual inspection – what are the actual performance criteria for these tests? Need a way to measure these things. What is acceptable?

13. 5. We should address reflective cracking that comes through. How do we measure this?

13. 6. Consider performance testing for reflective cracking /sealing as part of final spec or development of NSSP

13. 7. Industry would prefer using dirtier rock – it is more cost effective and works better with the emulsion.

13. 8. Environmental / Air quality issue: by going to a cleanness value of 80 to 70 there may be environmental issues from dust.

13. 9. Viscosity on recovered residue: What is the purpose of this specification? This is a hard test to run.

13. 10. Outcome

13. 10. 1. Industry will submit an electronic copy of changes to the section 37 – 2 to Caltrans. (See upshot # 5)

13. 10. 2. Jack will supply language to Doug and Scott for old warrantee language addressing acceptance criteria for visual inspection. (See upshot # 6)

13. 10. 3. Todd will draft language addressing the ASTM D2171 and send to the STG members for comments. (See upshot # 7)

13. 10. 4. Doug will send out the gradation table to Scott to forward to industry seal coat sub task group. (See upshot # 8)

Agenda Item 14. Section 37 re-org:

14. 1. There are significant changes being made – Industry has not had any input to the changes.

14. 2. In general: CT has lost its champion for pavement preservation. We would like to see more support.

14. 3. Training budget through Chico State for preservation is not being utilized. We would like to see some training for CT and industry.

14. 4. Section 37-2 is the only section that has been reorganized, but we would like our scoping document should include all sections.

14. 5. Need to clean up the hidden language.

14. 6. Right now we are in a moratorium until July 2015. Industry comments were not all incorporated. Caltrans will look at the comments to see if there is anything missed in the reorganization.

14. 7. Industry has not seen section 37-2 reorganization with the comments included. CT response: This has been sent out. Industry says they have not seen the version that has the comments incorporated.

14. 8. CT says these comments are included on the 7/19 posting. The reorganization of 37-2 was not meant to include any technical changes. Industry did find errors. They will point them out. Caltrans will look at the issues raised today by changes via RSS that were not reviewed by industry, and language or clarification issues. Industry understands this is all that CT will look at.

14. 9. Industry comment: many changes were made prior to the April RSS posting. When we looked at the language, we found a lot of things. A lot of the 7/19 posting changes were actually made before April, and we were not aware of these changes. Many of the changes have not been addressed or have not been run past industry.

14. 10. Industry is working on a scoping document. Industry needs to get together to identify all the RSS changes made.

14. 11. Written comments from industry will be sent to Caltrans electronically. Industry would like to have responses to their written comments to things not considered technical changes. (language, clarifications, etc.) .

14. 12. Outcome:

14. 12. 1. Scoping document will be completed and submitted. (See upshot #

14. 12. 2. Send comments to Caltrans for response

14. 12. 3. CT will provide a reply with a timeline for a complete response by January 6. (See upshot # 10)

14. 12. 4. Industry will convene a meeting to identify all the RSS's and use this as input for the draft scoping document. (See upshot # 11)

Agenda Item 15. Rubberized slurry seal:

15. 1. Industry says they can all meet the performance tests.

15. 2. Next steps: Where do we go from here?

15. 3. Percentage of ground tire rubber is open issue.

15. 4. Outcome

15. 4. 1. Take rubberized Slurry Seal discussion to next level. Work on a proposal to CT (See upshot 1)

Agenda Item 16. Comments from Observers for D-2 pilot test section on Route 36 (And 44!!)

16. 1. Industry would like observers present. CT needs to have more observers present as well.

16. 2. Industry has three sets of comments. They have been sent to Peter.

16. 3. Industry is working on material testing.

16. 4. Route 44 job has not been included in this discussion. CT Comment: We are challenged in terms of notifying industry. We cannot notify you until the districts notify that the jobs are going forward. For a pilot project there should be very stringent documentation of what is happening.

16. 5. Outcomes

16. 5. 1. Get comments from D-2 pilot test section (Route 36 AND Route 44) Convene all observers together to discuss and summarize their comments

16. 5. 2. Forward all D-2 pilot test section (Route 36 AND 44) comments to Jason and Peter

16. 5. 3. Arrange a time to evaluate Highway 36. Provide a two week notice to the sub task group.

17		New Project proposal B	

Agenda Item 17. New Proposals

17. 1. See items 12 – 16 above for discussion from industry partners.

18		Agree on priorities for Projects 3-8 and new proposals from industry	

Agenda Item 18. Agree on priorities for Projects 3-8 and new proposals from industry

Between now and July 1, 2014:

No.	Project	Next steps	Est. Target for Completion
1.	Scrub Seal Completion	CT needs to review comments from industry and respond by end of January. Industry needs to review the Aggregate specs and the viscosity on residue by end of January.	February 3 2014
2.	Section 37 Review. The entire section. Industry has never seen a version of the reorganization of the rest of the Chapter. We have only seen 37-2. The scoping document needs to reflect that industry wants to review all of Section 37.	Industry needs to develop draft scoping document(s) by mid December 2013. Industry needs a meeting on Jan 10, improve the scoping document.	November 1, 2014
3.	Modified Binder Chip Seal Specification	CT needs to regroup and respond to comments Industry and CT need to meet and discuss. Some of these issues include other aspects of section 37-2. (Aggregate Gradation)	TBD
4.	Rubberized Slurry Seal	Industry needs to develop an industry viewpoint on further development of the spec.	June 2014
5	Fog Seal (This was moved to the bottom of our list since we can do nothing until Caltrans review of the skid testing data is complete on existing projects. If we can get that data, likely we would move this item higher on the list to get it completed and have fog seals available as a maintenance application.)		March 2014
6.	WM applications for hot Spray Applied Seals	CT needs to present results of pilot projects.	January 2016

19		Review upshot and bin list Halverson/all	

Agenda Item 19. Upshot review

19. 1. Assignments listed at the beginning of this document were reviewed and agreed upon.

20		Next meeting date, location and expected outcome Halverson/all	

Agenda Item 20. Next Meeting date and expected outcome

20. 1. Next meeting date: 1/31/2014 0930 – 1530

20. 2. Desired outcome for next meeting:

20. 2. 1. Complete scrub seal spec

20. 2. 2. Review rubber slurry seal

20. 2. 3. Observer comment report on D2 pilot test sections

20. 2. 4. Section 37 comment review

21	1200	Adjourn	

Agenda Item 21.

21. 1. Meeting adjourned at 12:00