Group Memory

ATG Co-Chair Meeting

August 27, 2015

Next Meeting dates

September 8

Sept 29

October 13

October 27

November 13

December 8

September 8

1. Please join my meeting.

https://global.gotomeeting.com/join/883131317

2. Use your microphone and speakers (VoIP) - a headset is recommended. Or, call in using your telephone.

Dial +1 (872) 240-3212

Access Code: 883-131-317

Audio PIN: Shown after joining the meeting

Meeting ID: 883-131-317

Desired outcome for next meeting

Update tasks and action items

From March 25, 2015

144	~~Jeff~~ Tim	CT will modify the form ~~and CT384~~. There are four forms we need to work on ~~4/28/2015 5/12/2015 5/26/2015~~ ~~7/7/2015 8/4/2015~~	8/27

From August 4, 2015

147	Sri	Notify the Caltrans STG co-chairs to not meet until the RPC has resolved their issue as to how to proceed. (See discussion under agenda item # 4)	
~~148~~	~~Jack and Pat and Sri~~	~~let the STG co-chairs for Section 39 know that they can continue to meet until all issues are resolved. (See discussion under agenda item # 5)~~	

From August 27, 2015

149	Jack and Pat	Talk to Tony to find out where we are on RAP/RAS spec changes and either complete the changes or produce an expedited scoping document. (see discussion notes under agenda item # 6)	9/8/2015
150	Chuck	Report back to Sri on the industry concern about the new products evaluation process. (see discussion notes under agenda item # 15)	9/8/2015
151	Chuck	Send an e mail to Jack and Pat when FHWA presentation on tack coat is set up. Check on other meeting dates to avoid schedule conflicts. (see discussion notes under agenda item # 15)	9/8/2015

Critique from last meeting:

What went well	What Needs Improvement
Making progress Section 39 issue on continuing to meet is resolved.	

Critique from this meeting:

What went well	What Needs Improvement
Great participation from the CT person who attended.	Need full attendance

1	0900	Opening and Introductions, Purpose of meeting	Introduce new Industry rep?

Agenda Item 1.

1. 1. (Comment from 9/2/2014) Amarjeet has moved on to District 3. Steve Price will act as State Pavement Engineers in interim.
1. 2. (Comment from 10/14/2414) Sri will be on vacation in the month of November, 2014, returning on November 26th.
1. 3. (Comment from 10/28/2014) No comments
1. 4. (Comment from 11/13/2014) No comments
1. 5. (Comment from 11/25/2014) Joe Caputo is acting State Pavement Engineer, effective Dec. 1
1. 6. (Comment from 01/16/2015) CT working on fixing the ZOOM.US problem
1. 7. (Comment from 01/30/2015) No comments
1. 8. (Comment from 02/11/2015) New State Pavement Engineer is Jesse Bhullar, who will start next Tuesday. Industry is looking forward to working with Jesse.
1. 9. (Comment from 02/11/2015) Industry has reported at this meeting there are binder suppliers that are providing AR binders to Caltrans Projects that are not meeting the MPQP requirements.

Industry will be sending formal documentation to Chuck and cc to the other ATG Co chairs, per Caltrans request. CT will take a look at the issue as soon as they get the project information so they can pursue this further. (Comment from 3/25/2015) DONE.

1. 9. 1. Outcome: Jack will send documentation to Caltrans on AR Binders issue -

1. 10. (Comment from 02/24/2015) Jeff DeFevere will replace Joe on this team.
1. 11. (Comment from 03/25/2015) No comments
1. 12. (Comment from 04/16/2015) No comments
1. 13. (Comment added 4/28/2015) No comments
1. 14. (Comment from 05/12/2015) No Comments
1. 15. (Comment from 05/26/2015) No comments
1. 16. (Comment from 06/24/2015) Tim is joining the group, replacing Jeff/Joe P. (timothy.greutert@dot.ca.gov)
1. 17. (Comment from 07/07/2015) No comments
1. 18. (Comment from 08/04/2015) No comments
1. 19. (Comment from 8/27/2015) New item to add: New Products issue.

2.	0904	Agenda Review / Halverson/all	
3	0905	Review and status the upshot list	OK as written? Corrections needed? Assignments done?
4	0915	HMA-LV (Formerly was TYPE B Aggregates)	

Agenda Item 4. HMA-LV

4. 1. (Comment from 7/22/2014) Next meeting we will have the membership for the STG.
4. 2. (Comment from 7/22/2014) Once there are co chairs, we will set a meeting date.
4. 3. (Comment from 8/05/2014) Tim Denley is co chair for industry. Caltrans Co chair is Kee Foo
4. 4. (Comment from 8/19/2014) There should be a meeting of the STG within the next couple of weeks.
4. 5. (Comment from 9/2/2014) Meeting has been scheduled for Sep 11, and industry is still looking for volunteers.
4. 6. (Comment from 9/16/2014) First meeting last week – The meeting went well. next meeting is a month away – Had local agency representatives there.
4. 7. (Comment from 10/14/2-14) Next meeting is 10/16/2014 No progress since the last meeting. They are in the discussion phase, which will continue for a while.
4. 8. (Comment from 10/28/2014) Still meeting – Next meeting is set in about a month
4. 9. (Comment from 11/13/2014) Still working on it and will meet again on November 20. Caltrans supports the local agency SSP for HMA.

   (Comment from 11/25/2014) Continuing to work on the spec. We are working with local agencies and possibly CT Mtce. We are trying to get more local agency participation.
4. 10. (Comment from 12/22/2014) Meeting was cancelled due to weather – new meeting has been set, no other progress. We will continue to work at the next meeting.
4. 11. (Comment from 01/16/2015) Meeting last week was held – got back to work on this item and we are making progress.
4. 12. (Comment from 01/30/2015) Next meeting is next week. Continuing to make progress.
4. 13. (Comment from 02/11/2015) We had a meeting - Neither Industry nor CT Co Chairs for ATG were able to attend due to conflicts with other meetings. CT reports that there seemed to be some interest in increasing the scope of the STG. CT has said that CT can be part of the team, but taking up something like a mini-section 39 for this effort is beyond the scope of this group. Industry says

this should be a new section that would stand on its own for use by local agencies. We will check in after the next STG meeting which is on March 5, to see where we are. The group is making good progress.

4. 14. (Comment from 02/24/2015) No new report
4. 15. (Comment from 3/25/2015) Industry: Co chairs want to modify the scoping document to develop a new SSP – some local roads will have TI greater than 8 –They also want to add rubber to the scoping document. We can modify the scoping document and submit it to CT. Caltrans wants to make sure this does not get into conflict with Section 39.
4. 16. (Comment from 04/16/2015) Scoping document has been sent to Caltrans – They are going to add something to it and finalize it. The STG continues to make progress.
4. 17. Outcome:
   4. 17. 1. ~~Jack will modify the scoping document for HMA-LV (see upshot #- 143)~~
4. 18. (Comment added 4/28/2015) Still waiting for Caltrans to add information to the scoping document. The scoping documents are due June 1.
4. 19. (Comment from 05/12/2015) Small task group is just about finished and is waiting on the scoping document from CT
4. 20. (Comment from 05/26/2015) CT comment: conversation on the impact – the concern is that this will be a parallel to Section 39, and we would maybe have trouble ensuring that the designers use the proper design specs – This will be discussed at the next RPC meeting. Industry does not share this concern – the two specs would not be the same. This would allow the local agencies to have an alternative, rather than go with the Caltrans spec. CT does not want to make this seem to be a parallel specification to section 39.
4. 21. (Comment from 06/24/2015) Industry reports there will be/should be another meeting for the STG soon. Caltrans reports they will check on the scoping document. Caltrans wants to consider the best way to make the local agency spec available. Caltrans is looking into making this available through the Local Assistance Program, rather than through the Caltrans Office Engineer.
4. 22. (Comment from 07/07/2015) No information on the scoping document at this time.
4. 23. (Comment from 08/04/2015) The RPC Co Chairs have not made a decision on how to deal with HMA-LV. Industry concern is that the RPC Co Chairs may not have been kept informed as to what this issue is about. It was discussed by the RPC co-chairs, and they are discussing this and will decide what avenue to take. Caltrans concern is that it appears that industry is trying to re-write Section 39. Industry does not agree. There have been a lot of meetings on this with Caltrans and industry. Industry concern is that there seems not to be any decision makers at the STG meetings. Caltrans does not agree with this. The industry and Caltrans co-chairs will not have any more meetings of the STG until RPC resolves the issue.
4. 24. (Comment from 08/04/2015) Outcome
   4. 24. 1. Sri will notify the Caltrans STG co-chairs to not meet until the RPC has resolved their issue as to how to proceed.
4. 25. (Comment from 8/27/2015) RPC Co Chairs are going to get back to the STG and the ATG Co Chairs on the status of the scoping document and how they want to see this proceed. Industry ATG Co Chairs will check with industry RPC Co Chairs.

. 5		Review progress of Section 39 STG	Current status, progress since last report, next steps

Agenda Item 5. Section 39

5. 1. (Comment from 7/22/2014) There is a meeting tomorrow at Translab
5. 2. (Comment from 8/05/2014) Meeting was held, next meeting is in San Diego on August 13.
5. 3. (Comment from 8/19/2014) Meeting was held in San Diego – Will keep the discussion going – next meeting is September 25.

5. 4. (Comment from 9/2/2014) Working through the concerns. Next meeting is Sept. 25 in Sacramento, 9:30-2:30 at Translab.

5. 5. (Comment from 9/16/2014) We are making progress – We are plugging away at the issues and looking at data. It is moving forward. CT is working to ensure the things that have been agreed upon will be included in the spec. Not sure how many more meetings we need to have to wrap this up. We are waiting for data.

5. 6. (Comment from 10/14/2014) Next meeting is 10/21 in San Diego. Group making progress and continuing to work on the issues. Some items were forwarded to Caltrans OE to be included in the 2015 Standard Specifications.

5. 7. (Comment from 10/28/2014) We met last week in San Diego. All of the items the STG agreed to prior to October have been posted in the October version of the RSS. We are working on some new items, and continue to make progress. A small working group has been set up to work on improving the accuracy of the HWT test T 324. Next meeting will be November 14 in Sacramento.

5. 8. (Comment from 11/13/2014) Will meet tomorrow at Granite Construction

5. 9. (Comment from 11/25/2014) Next meeting is in San Diego – We are working through comments – next meeting tow weeks from now.

5. 10. (Comment from 12/22/2014) We worked through some issues at the last meeting. Problem right now relates to max. aggregate temperature. Next meeting in January in Sacramento.

5. 11. (Comment from 01/16/2015) We requested comments from industry on post plant gradation. We are compiling them now. Continuing to work on this.

5. 12. (Comment from 01/30/2015) Continuing to compile comments. Nothing earthshaking so far. We will have comments out a couple of days before the Feb. 19th meeting in San Diego.

5. 13. (Comment from 02/11/2015) Nothing new to report

5. 14. (Comment from 02/24/2015) STG met last week – proposed changes to the spec are being made now based on that meeting.

5. 15. (Comment from 3/25/2015) We are making progress on the last items – next meeting will be in a couple of weeks. Industry comment: We seem to be at an impasse with CT on the aggregate maximum temperature using RAP in the hot mix. The way the current spec reads, it would effectively eliminate the use of RAP by contractors. This may not be the outcome Caltrans wants. We may be at the point that we need to take this to a higher level. We will decide that at our next industry only meeting. CT will await a response from industry on this issue.

5. 16. (Comment from 04/16/2015) Industry comment: No change in status. We will likely have to elevate the issue of maximum aggregate temperature.

5. 17. Outcome:

   5. 17. 1. ~~Industry will prepare a writeup on the issue and send it to Caltrans via the ATG co-chairs. (see upshot # 145)~~

5. 18. (Comment added 4/28/2015) Nothing new to report

5. 19. (Comment from 05/12/2015) Section 39 STG will meet next week.

5. 20. (Comment from 05/26/2015) We are continuing to move ahead. Nothing else to report at this time. By the next meeting, Pat and Jack will have the issue document.

5. 21. (Comment from 06/24/2015) Next meeting will be in Ontario tomorrow. There will be an industry only meeting soon to discuss some of the issues.

5. 22. (Comment from 07/07/2015) Still making progress – we are working on the aggregate temp. – We are putting a white paper together for this.

5. 23. (Comment from 08/04/2015) "White Paper" document for aggregate max temp is now in the hands of the STG industry co-chairs. It has been sent on to the Caltrans STG co-chairs to be forwarded to the ATG co-chairs. This will follow the RPC process. Caltrans has developed their own white paper which will be sent on to the STG industry co-chairs.

5. 24. (Comment from 08/04/2015) **Caltrans and industry agree that the Section 39 STG can continue to meet.** Industry's opinion is that the Section 39 STG should be a standing committee to address issues on the specification, if this STG is sunsetted. They want to continue to meet and work on the Section 39 issues that are in their document. Additionally, new issues come up on projects due to changes that have been made in the spec. At this time there are too many issues to

roll into QCQA. Next meeting is in Southern California on August 25. Caltrans does not want to modify the scoping document.

~~5. 25. (Comment from 08/04/2015) Outcome~~

~~5. 25. 1. The ATG Co-Chairs will let the STG co-chairs for Section 39 know that they can continue to meet until all issues are resolved. (See upshot # 148)~~

5. 26. (Comment from 8/27/2015) Section 39 co-chairs are working to focus the discussion to resolve issues and remove them from the active issues list before adding new issues.

6		Review progress of RAP/RAS Subtask Group	Current status, progress since last report, next steps

Agenda Item 6. RAP RAS

6. 1. (Comment from 7/22/2014) Joe has industry comments and is compiling them today.,

6. 2. (Comment from 8/05/2014) Meeting is set for August 11 in Sacramento to review comments

6. 3. (Comment from 8/19/2014) STG met and discussed all the comments – CT is revising the spec based on the comments, hope to have this done and out for final review by Sept. 5, 2014.

6. 4. (Comment from 9/2/2014) Joe needs to get guidance from Tony Limas on priorities.

6. 5. (Comment from 9/16/2014) Next meeting is set for next week. The revised RAP RAS spec has been sent out for review and comment. We will review it at the meeting next week.

6. 6. (Comment from 10/14/2014) The STG has completed the specification. The STG task is nearly completed. We will be looking for some ongoing projects to utilize the specification and then for next year, some pilot projects either by contract change order or advertised projects. The next step is to put the language into the correct format for an NSSP, and then get this out – We anticipate this will be out shortly. The target date was October 13. The STG worked well together and came up with a completed product.

6. 7. (Comment from 10/28/2014) The spec is ready to be used as an NSSP and we are looking for pilot projects.

6. 8. (Comment from 11/13/2014) Next meeting is next week. Continuing to make progress on issues. There are still some issues to be discussed.

6. 9. (Comment from 11/25/2014) STG met last week, resolved final comments. CT is hoping to have the final specification document out on Dec. 8, finalize on 16th of December. The STG will sunset at that point.

6. 10. (Comment from 12/22/2014) Spec has been finalized. It is in Office Engineer right now. Right after the 2015 specifications come out this will be included in an RSS. There will be a Construction Policy Directive coming out in the next few months. This item is now complete. The group will no longer be meeting.

6. 11. (Comment from 01/16/2015) Until the Construction Policy Directive (CPD) comes out we will continue to monitor this. This should happen in February.

6. 12. (Comment from 01/30/2015) CPD is circulating for comments. Expect to get them in by next week.

6. 13. (Comment from 02/11/2015) Nothing to report – Chuck not here today. Check in at next meeting

6. 14. (Comment from 02/24/2015) Waiting for FHWA concurrence.

6. 15. (Comment from 3/25/2015) CT needs to follow up with FHWA. The issue is that the CT forms are not updated to handle RAS. Also CT 384 needs to be updated to incorporate RAS.

6. 16. (Comment from 04/16/2015) Forms revision still in the Caltrans forms process. FHWA review is complete, we are awaiting written notification.

6. 17. (Comment from 04/16/2015) Outcome:

6. 17. 1. CT will modify the form and CT384. There are four forms we need to work on. (see upshot # 144)

6. 18. (Comment added 4/28/2015) CT has the form in the Division of Construction for review. The form should be out to industry for review in a couple of weeks. This should go through the Section 39 STG.

6. 19. (Comment from 05/12/2015) Forms are in CT forms unit and the CT384 is in OE for review.

6. 20. (Comment from 05/26/2015) Still in OE

6. 21. (Comment from 06/24/2015) CT is making final minor modifications to the forms associated with CT384. CT384 is done and posted on the Materials web site. .

6. 22. (Comment from 07/07/2015) Form is in draft form and is being reviewed. The Forms unit will be uploading them on the web site – two other forms are being reviewed by Construction. A new spec has been circulated for comments – there will be a combined meeting on July 28th at Translab to discuss the changes.

6. 23. (Comment from 08/04/2015) A meeting took place. Joe Peterson's revised spec for RAP/RAS was discussed and is being worked on.

6. 24. (Comment from 8/27/2015) The STG will meet next week. Caltrans reports that this scoping document is closed. Industry response is to close this off after discussing the changes that were made, and it should not take much time. The spec is finished.

6. 25. (Comment from 8/27/2015) Outcome

6. 25. 1. Jack and Pat will talk to Tony to find out where we are on this issue and complete the changes or produce an expedited scoping document. (see upshot # 149)

~~7~~		~~Review progress of binder set point scoping document (Possibly expedite)~~	~~Current status, progress since last report, next steps~~

Agenda Item 7. Binder set point

7. 1. (Comment from 02/24/2015) Closed today

8		Intelligent compaction	Current status, progress since last report, next steps

Agenda Item 8. Intelligent compaction

8. 1. (Comment from 7/22/2014) Chuck reports that pilot project will start soon – pending verification of JMF.

8. 2. (Comment from 7/22/2014) Pilot projects otherwise are moving ahead – Doing JIT training.

8. 3. (Comment from 8/05/2014) JIT training was held for first pilot project.

8. 4. (Comment from 8/05/2014) Second project is being held up due to the JMF issue.

8. 5. (Comment from 8/19/2014) Next meeting is September 27. We are discussing the field surveys.

8. 6. (Comment from 9/2/2014) Met last week, and now continuing with the pilot projects.

8. 7. (Comment from 9/16/2014) We will meet in a couple of weeks, Sept. 25. Ebi Fini is working on getting webpage up and running for IC.

8. 8. (Comment from 10/14/2014) The STG had a meeting on Sept. 25. FHWA was in attendance, and there was a debriefing from them and UTAP and TRANS Tech on a pilot project in El Dorado County. Next meeting will be November 3. We will discuss lessons learned and update the pilot specification. We are still working on the JIT training. The JIT training presentation materials will be submitted to CT for approval.

8. 9. (Comment from 10/28/2014) We are scheduled to meet on November 3 on the training part of intelligent compaction.

8. 10. (Comment from 11/13/2014) We met on Nov. 3 and reviewed the justification. We will meet in December to bring in the roller manufacturers. We will be discussing lessons learned and where we want to go.

8. 11. (Comment from 11/25/2014) Next meeting is December 16th. We will invite roller mfg'rs, and suyrvey firms to discuss the specification.

8. 12. (Comment from 12/22/2014) CT reports: We met on the 16th and had all the roller Manufacturers there. We reviewed a lot of issues – there was good participation from roller manufacturers. We had FHWA on the phone. It was agreed that there are problems with the VEDA software that need to be resolved before we can move forward. CT is working with FHWA and will be meeting in January. There was discussion about a third party solution to develop software contractors can use to produce the quality control compaction report. CT has agreed to do additional pilot projects.

8. 13. (Comment from 01/16/2015) CT is now working with FHWA to resolve the software issues. We now have a web site at CT for intelligent compaction. Until the software issue is resolved, this will not be required. It will continue on a pilot project basis. Pavement Foundation Task Group is putting a scoping document forward to the RPC after it is finalized. Industry concern is that this scoping document may not have been seen by all the industry partners yet.

8. 14. (Comment from 01/30/2015) We are continuing to use pilot projects until the software issues are resolved. We are working with FHWA.

8. 15. (Comment from 02/11/2015) We are still working with FHWA to resolve issues.

8. 16. (Comment from 02/24/2015) Chuck will schedule a STG meeting for March. FHWA has said they will resolve their issues by the end of February.

8. 17. Outcome: Chuck will set up a STG meeting in March

8. 18. (Comment from 3/25/2015) A STG meeting has been set for April 2.

8. 19. (Comment from 04/16/2015) STG met, decisions were made on a pilot spec. We are monitoring the pilot project.

8. 20. (Comment added 4/28/2015) Caltrans: We have agreement from FHWA and will have training on May 28th for the new software. We will be looking at producing the compaction report from the software. The training will be at Translab.

8. 21. Outcome

8. 21. 1. (Comment added 4/28/2015) Chuck will send Jack and Pat the training notification on intelligent compaction software

8. 22. (Comment from 05/12/2015) Training has been set, and the course participant limit has been raised to 40. This will be on the new version of the software VEDA 3.0

8. 23. (Comment from 05/26/2015) Training will commence on May 28th.

8. 24. (Comment from 06/24/2015) VEDA is now VETA. It was released on June 5. Training was completed. We are currently monitoring all pilot projects.

8. 25. (Comment from 07/07/2015) Still monitoring the pilot projects. Caltrans reports: We will have another STG meeting soon – no date yet.

8. 26. (Comment from 08/04/2015) A meeting has been set for August 24 for the STG.

8. 27. (Comment from 8/27/2015) The STG met and will be making modifications to the spec. We received input from industry on modifications on future improvements to the VETA program. Industry still has issues with the temperature probe, the intelligent compaction measurement value. These issues will need to be worked out in the STG. We have a ways to go before we have a spec we can all live with.

9		Review progress of PGAR Subtask Group	Current status, progress since last report, next steps

Agenda Item 9. PGAR

9. 1. (Comment from 7/22/2014) Met a week and a half ago – Working on getting the samples out for the second round-robin.

9. 2. (Comment from 8/05/2014) Next meeting is set for August 15th. Will update at the next meeting.

9. 3. (Comment from 8/19/2014) We had a meeting last Friday - - hope to get the samples out for the second round robin. We modified some documents and are continuing to move forward.

9. 4. (Comment from 9/2/2014) Work plan has been sent out.
9. 5. (Comment from 9/16/2014) We met – there was a delay in sending the samples out – Samples should go out for second round-robin testing in late September.
9. 6. (Comment from 10/14/2014) We still have not had the samples sent out. Mark said the testing will be delayed (indefinitely??) Due to the labs being busy with the contract work.
9. 7. (Comment from 10/28/2014) No progress since last meeting – Samples should be sent out after the construction season winds down so the labs will have time to work on this.
9. 8. (Comment from 11/13/2014) Nothing new to report.
9. 9. (Comment from 11/25/2014) Nothing new to report.
9. 10. (Comment from 12/22/2014) Jack reports that the samples will be sent out to labs within the next two weeks. Work will begin on those samples. There will be results reported in about two months, at which time we can move ahead.
9. 11. (Comment from 01/16/2015) Samples have not yet been sent out but should go out any time. Again, delayed due to the holidays. Hopefully the samples will go out before the next meeting.
9. 12. (Comment from 01/30/2015) Samples have not been sent due to discussion on the protocol – how samples would be handled in the lab. That should be resolved shortly and the samples will go out before the next meeting.
9. 13. (Comment from 02/11/2015) The samples went out a week and a half ago – We expect results back in March –
9. 14. (Comment from 02/24/2015) No new report today – still waiting for test results.
9. 15. (Comment from 3/25/2015) The results are starting to arrive – We probably won't have all the data including the second round robin until the end of April. We will continue to monitor this effort.
9. 16. (Comment from 04/16/2015) Second round robin ran and we are waiting for the results – expect them this month.
9. 17. (Comment added 4/28/2015) Nothing new to report
9. 18. (Comment from 05/12/2015) Nothing new to report.
9. 19. (Comment from 05/26/2015) Nothing new to report.
9. 20. (Comment from 06/24/2015) Nothing new to report. Industry says they will try to get a report and update out next week.
9. 21. (Comment from 07/07/2015) Nothing new to report.
9. 22. (Comment from 08/04/2015) There is a meeting set today with the co-chairs to discuss the data. They will just be looking at the data.
9. 23. (Comment from 8/27/2015) Nothing new to report. Expect a report at our next meeting.

10		Review progress of asphalt rubber binder quality control Subtask Group	Current status, progress since last report, next steps

Agenda Item 10. asphalt rubber binder quality control

10. 1. (Comment from 7/22/2014) Working on the QC spec, and will continue working on it in August. Hope to complete it in August.
10. 2. (Comment from 8/05/2014) Next meeting is set for August 15th. Will update at the next meeting
10. 3. (Comment from 8/19/2014) Met last Friday and are getting very close to finishing the specification. We will probably finish at the next meeting.
10. 4. (Comment from 9/2/2014) We are close to finishing the spec – We have made all the changes – now CT is waiting for the reheat temperature decision – Jack is coordinating the sample gathering and sending them to Joe for testing. Still waiting for industry to provide samples.
10. 5. (Comment from 9/16/2014) We met – samples for testing program were taken last night and are now cooling. Samples will be delivered on Friday morning to Al Vasquez. Plan is do testing next

week. – We will get started on the small study on re-heat next week. Jack will be contacting Jason to have samples delivered to his lab. Next meeting is October 22.

10. 6. (Comment from 10/14/2014) Samples were taken from a project and sent to CT Translab, VSSI, and Granite Construction labs for testing. There were significant issues with the protocol we had agreed to. A meeting will be held, probably this week, to develop a new protocol, obtain new samples, and perform new testing. The CT 388 procedure right now cannot be completed since the protocol won't work. We agreed on an interim protocol that will work in the CT 388 so it could be posted. The test procedure for CT 388 will be modified when the protocol is finalized. The testing will help us set the tolerance for the specification. The final specification cannot be completed until this work is done.

10. 7. (Comment from 10/28/2014) We met this week on the problems we had with the initial study. We are going to re-do the study. Once we get the data we will be able to set the tolerance for the viscosity. We hope to have this done in the next three weeks. The testing is very important because there may be differences between lab and field data. The posting on 10/17 of Section 39 included QC requirements for AR binder. Notice needs to go out to CalAPA and RPA so the QC technicians in the field can get trained and certified. We are moving ahead with the training. CT 388 has been posted. After the study there may be some changes made to that test, per Joe Peterson.

10. 8. Outcome:

10. 8. 1. ~~Jack will notify CalAPA and RPA about the QC requirements for AR Binder and the training. (See upshot # 133)~~

10. 9. (Comment from 11/13/2014) We have made changes to Section 39 in the October version of the RSS. We are working on changes to Section 37 for the 2015 version 4. The samples for the viscosity study were obtained and will be brought to Translab. We should have something to work on in the next two weeks.

10. 10. (Comment from 11/25/2014) . Next meeting is Monday December 22. CT has not had a chance to review any of the testing that has been done.

10. 11. (Comment from 12/22/2014) For small study we will have to set a meeting in January. We completed the small study and have not wrapped it up yet – we will try to do a report with conclusions and recommendations on the viscosity policy, by our next meeting.

10. 12. Outcome:

10. 12. 1. ~~Jack will get together with Al Vasquez and will set up a meeting in the first week of January to discuss the work on the small study. We will make recommendations back to the group regarding re-heating and viscosity testing tolerances. (See upshot # 138)~~

10. 13. (Comment from 01/16/2015) We hope to have a working group meeting before our next co-chair meeting.

10. 14. (Comment from 01/30/2015) We need to do another study for chip seal binders. We will calibrate everything we used and make sure all the temperatures in the ovens are set correctly. We will be sending samples out to the three labs with the chip seal binder. We are working to get this done as soon as possible.

10. 15. (Comment from 02/11/2015) Industry is working with Al Vasquez. We are checking what effect reheat has on viscosity. We are in the process of obtaining the two chip seal binders which we have located – there will be a second round robin with these samples once we have them. We will be running other tests, as well.

10. 16. (Comment from 02/24/2015) We expect to send out samples shortly to the three labs – We expect to send them out in the next couple of weeks

10. 17. (Comment from 3/25/2015) We hope samples will go out by next week. We will continue to work on the reheat study effort.

10. 18. (Comment from 04/16/2015) Samples still have not gone out. We are in the process of working this out and will report at the next meeting.

10. 19. (Comment added 4/28/2015) Nothing new to report

10. 20. (Comment from 05/12/2015) Nothing new to report – We will have to wait till someone starts up again who will be able to supply us with a second chip seal binder sample.

(Comment from 05/26/2015) Nothing new to report.

(Comment from 06/24/2015) Now in the process of getting the second chip seal binder sample. Once we have that sample we will continue the reheat study.

10. 21. (Comment from 07/07/2015) No new report. Industry will report more next meeting.

10. 22. (Comment from 08/04/2015) No new report.

10. 23. (Comment from 8/27/2015) Samples have been located and we will move this forward now.

~~11~~		~~Review progress of CT 304~~	Current status, progress since last report, next steps

Agenda Item 11. ~~Review progress of CT 304~~

~~11. 1. (Comment from 7/22/2014) CT is waiting to get this posted. There is a backlog.~~

~~11. 2. (Comment from 8/05/2014) CT 304 has been posted. We will check into this next meeting to see if we can eliminate this.~~

~~11. 3. (Comment from 8/19/2014) This was posted. Industry will check it out. We are now done with this item and we can drop it off the agenda.~~

~~11. 4. Drop from agenda~~

12		Asphalt Binder Crumb Rubber Verification STG	Current status, progress since last report, next steps

Agenda Item 12. Asphalt Binder Crumb Rubber Verification

12. 1. (Comment from 7/22/2014) STG is established and the first meeting has been scheduled.

12. 2. (Comment from 7/22/2014) Meeting is set for July 30 – that will be the first meeting.

12. 3. (Comment from 8/05/2014) First meeting was held – next meeting is August 25 in So. Cal. We are moving ahead.

12. 4. (Comment from 8/19/2014) We will hear back on August 25 on issues discussed at the first meeting, and move forward.

12. 5. (Comment from 9/2/2014) CT and industry met in Southern Calif. Next meeting will be in Sacramento - Hoping to have this done within a couple of more meetings. The action items are all collected in our meeting minutes. Co-chairs will be sending out the meeting minutes in the next couple of days.

12. 6. (Comment from 9/16/2014) Meeting set for Sept 22. Agenda went out yesterday.

12. 7. (Comment from 10/14/2014) Two working groups were set up to work on this: one on crumb rubber supplier verification and one on weights and measures. A process to verify the source of tires for the CRM was sent out. The working groups have not met yet. CT is waiting for comments on the supplier verification procedure.

12. 8. (Comment from 10/28/2014) The STG working groups met yesterday. We continued working on the approved Quality Products List (QPL). The MPQP requirements are being worked on by the other working group. This effort is on-going. Next meeting for the STG will be Dec. 9 at the Southern Regional Lab. .

12. 9. (Comment from 11/13/2014) We are addressing two different issues – 1) MPQP requirements and 2) certification of the CRM qualified materials list. (some call it the PQL or Prequalified Product list, but this was done away with several years ago -)

12. 10. (Comment from 11/25/2014) We met yesterday. Industry continues to move forward with Caltrans on two issues, moving forward. We have a draft for the MPQP requirement, and will be sending it out for review and comment. The PQL is being revised by CT and will be sent out. Next meeting will be December 9th in So Cal.

12. 11. (Comment from 12/22/2014) We met in So. Cal and resolved the PQL issues. The MPQP weights and measures requirement was also reviewed. We will finalize the agreements and have one more meeting on January 27th. That should be the final meeting.

12. 12. (Comment from 01/16/2015) No update today.

12. 13. (Comment from 01/30/2015) We met on the 27th of January and resolved a few issues. There are still a couple of issues we need to resolve before we can wrap this up. Next meeting will be early March.

12. 14. (Comment from 02/11/2015) CT has a meeting set up in Southern California Lab for March 9th . We are working on two issues which will be discussed at the next meeting. All other issues have been resolved.

12. 15. (Comment from 02/24/2015) No new report

12. 16. (Comment from 3/25/2015) We had a meeting on March 9 – we are now going into implementation. This will take effect July 1 of 2016

12. 17. (Comment from 04/16/2015) This is now being worked on by Caltrans. Caltrans has three deliverables – Additions to the MPQP, Authorized materials list requirements and the specification modifications.

12. 18. (Comment added 4/28/2015) Caltrans needs to post the MPQP. The next meeting will be in conjunction with the PGAR STG.

12. 19. (Comment from 05/12/2015) CT still working with the publications unit to get the MPQP out.

12. 20. (Comment from 05/26/2015) Nothing new to report

12. 21. (Comment from 06/24/2015) The MPQP errata has been posted. There were three errata.

12. 22. (Comment from 07/07/2015) Caltrans has nothing new to report. We are in the implementation phase.

12. 23. (Comment from 08/04/2015) Nothing new to report. There will probably not be anything to report until the end of the calendar year.

12. 24. (Comment from 8/27/2015) Nothing new to report.

13		Section 39 QCQA STG	Current status, progress since last report, next steps

Agenda Item 13. QC/QA for Superpave

13. 1. (Comment from 7/22/2014) We are working on the scoping document – hope to have it out by mid-August for everyone to review.

13. 2. (Comment from 7/22/2014) Other CT work has taken priority – including legislative inquiries and legislation re: asphalt rubber.

13. 3. (Comment from 8/05/2014) Still working on the scoping document, when time allows.

13. 4. (Comment from 8/19/2014) Still waiting for Sri to finish the scoping document.

13. 5. (Comment from 9/2/2014) Still working on the scoping document, hope to have it to the co-chairs of ATG by the end of the week.

13. 6. (Comment from 9/16/2014) CT has approval from industry and will take to the RPC members to get this approved. We just need to move the scoping document t forward.

13. 7. (Comment from 10/14/2014) The scoping document, which has been approved, is being sent out for signing again since the errors were corrected. An STG will be formed and a meeting date will be set, once the scoping document is approved and signed by the RPC.

13. 8. (Comment from 10/28/2014) The scoping document has been approved. This needs to be changed in name to Section 39 QCQA STG. Caltrans co-chair will be Kee Foo. Industry needs to select co chairs and get a meeting set.

13. 9. Outcome

13. 9. 1. ~~Jack and Pat will select industry co chair for the Section 39 QCQA STG co chairs. (See upshot # 134)~~

13. 10. (Comment from 11/13/2014) We have co chairs – Frank Rancadore and Kee Foo. They need to set a meeting date.

13. 11. (Comment from 11/25/2014) We have not set a date yet for the meeting – hope to have a meeting date in January.

13. 12. (Comment from 12/22/2014) No progress since 11/25. We hope to have a meeting set up in January.

13. 13. (Comment from 01/16/2015) There has not been a meeting set up, but Jack and Pat will try to get this going before the next meeting.

13. 14. Outcome:

13. 14. 1. Jack and Pat will set up a meeting to get this QCQA sub task group going. (See upshot # 139)

13. 15. (Comment from 01/30/2015) Still no meeting – waiting to set this up.

13. 16. (Comment from 02/11/2015) A meeting has been set up for February 25 in Sacramento. Everything is set to go.

13. 17. (Comment from 02/24/2015) No new report.

13. 18. (Comment from 3/25/2015) We had another meeting a week ago and we are continuing to make progress on this effort.

13. 19. (Comment from 04/16/2015) Meeting is set for tomorrow and we are continuing to make progress. Industry would like to commend Caltrans on their excellent effort.

13. 20. (Comment added 4/28/2015) Meeting on the 17th made some progress on issues. New meeting set for May 27th at the SRL

13. 21. (Comment from 05/12/2015) Nothing new to report

13. 22. (Comment from 05/26/2015) Next meeting is tomorrow. Making progress.

13. 23. (Comment from 06/24/2015) There was a meeting last week and we are continuing to move forward.

13. 24. (Comment from 07/07/2015) Industry reports we are making progress.

13. 25. (Comment from 08/04/2015) We have had another meeting and are continuing to make progress. The big issue is max. aggregate temperature. This issue has been taken outside the group.

(Comment from 8/27/2015) Industry reports they are solid on their position. Caltrans is waiting to confer on September 29th with FHWA before any further action is taken.

14		***Crumb Rubber Usage (new item added***	Current status, progress since last report, next steps

Agenda Item 14. Increasing Crumb Rubber Usage (added October 28, 2014)

14. 1. (Comment from 10/28/2014) New issue: We (CT) are going to set up a meeting in December on increasing the usage of crumb rubber in HMA and look at moving forward with the +5%. HQ wants to make it clear to the districts that this is a requirement and only waivers approved by the State Pavement Engineer will be allowed. CT wants to write scoping documents and move forward on this. Industry needs to provide input. This will result in establishing at least one new STG

14. 2. (Comment from 11/13/2014) Chuck needs to set a date in December to meet with industry to get a proposal to Caltrans. Industry-only meeting will be set by Pat and Jack.

14. 3. (Comment from 11/25/2014) No date set – Industry has had one meeting with asphalt refiners. Industry will continue the meetings and will get back to CT.

14. 4. (Comment from 12/22/2014) Industry has a meeting set for January 29th. Cal APA has told CT that they want more time to get industry together to come up with a proposal. CT is waiting because Cal APA has asked for the chance to provide additional input or alternatives. Cal APA has said they will work with industry and then come back to CT with an industry position. This would then be brought up with the Co-Chairs to see if we want to proceed with a scoping document. Co-Chairs from industry want to ensure that the work done between industry and CT goes through the RPC and the task group co-chairs, and not an outside association. The intention is to keep the RPC process which we have all agreed to working.

14. 5. (Comment from 01/16/2015) No new information now.

14. 6. (Comment from 01/30/2015) Industry met yesterday. Rita, Don and Mark will be setting up a meeting with Caltrans to discuss industry concerns. Industry wants to work with Caltrans on this. There is a meeting set for March 4 with CT. The group will be discussing increased usage of CRM. This is being handled outside of RPC process at this point. The goal is to put a scoping document together to submit to the RPC.

14. 7. (Comment from 02/11/2015) A small group of industry and Caltrans will meet on February 25, where industry meeting outcome will be presented to Caltrans by Rita, Don and Mark. Intent is to create a scoping document after the large group meeting, set for March 4. Caltrans will have the responsibility to create a scoping document.

14. 8. (Comment from 02/24/2015) No new report at this time.

14. 9. (Comment from 3/25/2015) The small work group met as scheduled on the 25th of February. We had a meeting for the larger group on March 4. Next meeting for a smaller work group is scheduled for March 31, but we will be rescheduling this because it is a state holiday. We identified several possible scoping documents that a small working group is developing. We will submit to the ATG co-chairs soon.

14. 10. (Comment from 04/16/2015) Three scoping documents were submitted to the ATG co-chairs.

14. 11. (Comment added 4/28/2015) Caltrans and industry will discuss priorities at next ATG meeting to prepare for June 1 RPC.

14. 12. (Comment from 05/12/2015) CT has still not been able to get information from DRISI. Still waiting. Will discuss at next ATG Co Chair meeting.

14. 13. (Comment from 05/26/2015) Nothing new to report.

14. 14. (Comment from 06/24/2015) Nothing new to report.

14. 15. (Comment from 07/07/2015) Caltrans has received the information from UCPRC and we are working to finalize the research proposal. After that, we can move forward with the scoping document which will include the cost of the research proposal.

14. 16. (Comment from 08/04/2015) No new report.

(Comment from 8/27/2015) Caltrans is working to secure funding for the research project. Caltrans is making a ballpark estimate of the money needed. After this, the STG will have the opportunity to offer input on the research work plan. Scoping document is expected soon.

15		***Any new items or issues?*** Proposed 14/15 STG Projects and scoping documents –	

Agenda Item 15. Any new items,other business?

15. 1. (Comment from 9/16/2014) Nothing new.

15. 2. (Comment from 10/14/2-14) We need to decide who will report for the ATG at the RPC meeting tomorrow. Jack and Chuck will handle the reporting.

15. 3. (Comment from 10/28/2014) Chuck did the reporting – Jack reports Chuck did a great job.

15. 4. (Comment from 10/28/2014) New issue: We are going to set up a meeting in December on increasing the usage of crumb rubber in HMA and look at moving forward with the +5%. See Agenda Item 14 above.

15. 5. (Comment from 11/13/2014) Nothing new this time. We need to start thinking about new scoping documents. We may need something to put forward on smoothness.

15. 6. (Comment from 11/25/2014) Comments from refiners – They want to get the binder task group back together – Industry is working on a scoping document. Some of their issues can be addressed in the current STG's. Industry will report back to CT as the discussion proceeds. Jack is advising them on the scoping documents necessary for the issues to be taken forward.

15. 7. (Comment from 12/22/2014) We need to get new tasks for next FY together. We need to discuss this at our next meeting.

15. 8. (Comment from 01/16/2015) We have one new item on sampling from Jack and Pat. There has still been no meeting to discuss the new items. New scoping documents need to be sent in to RPC Chairs for approval by March or so. Presently the RPC Chairs are behind in setting this meeting up. There will be a meeting of the RPC next week. ATG co-chairs have not discussed this yet.

15. 9. Outcome

15. 9. 1. Industry and Caltrans will have meetings within each side, to develop proposals for presentation to RPC. Jack and Pat will set up the industry meeting and Sri and Joe and Chuck will set up the Caltrans meeting. We will report back on Jan 30. (See upshot # 140)

15. 10. (Comment from 01/30/2015) Nothing new to report. We are continuing to work on this.

15. 11. (Comment from 02/11/2015) Industry has completed their new scoping documents for the next RPC Meeting. Industry is waiting for comments on the vacuum sealing for cores.

15. 12. (Comment from 02/11/2015) Outcome

15. 12. 1. (Comment from 02/11/2015) Sri will check with Joe Peterson on the status of comments on the vacuum sealing for cores scoping document written and proposed by industry. (See upshot # 142)

15. 13. (Comment from 02/24/2015) Joe will return comments to Sri on the scoping document today.

15. 14. (Comment from 3/25/2015) A proposed scoping document was sent out related to standard temporary taper lengths. We hope to have this scoping document ready for the next RPC meeting.

15. 15. (Comment from 3/25/2015): One new item is the far-reaching issue that goes beyond Section 39, to be discussed at Industry-only meeting on specifications that are being developed that are unbiddable. One example is the CIR spec. There have been many in the last couple of years. Industry will be bringing this up at the next RPC Meeting. Second issue: We are getting “bid it as you see it” when we put in a bidder inquiry on things that are obviously errors. This creates a real problem for contractors who want to bid. Industry will bring a list of examples. CT Response: To help us resolve these issues, it will be helpful to have information before the RPC meeting. CT wants examples and details and specifics when industry brings this forward.

15. 16. (Comment from 3/25/2015) Jack did provide the e mail on the MPQP on asphalt blending issues. MPQP item was sent to CT – we can discuss this at our next meeting or off line.

15. 17. (Comment from 04/16/2015) Caltrans has concerns about the possibility of exceeding weight on paver grinding machines when they are going over structures. The equipment may be overweight. CT will be verifying weight of the machines.

15. 18. (Comment from 04/16/2015) Industry: Caltrans will be responding back to industry on bidder inquiry process. Caltrans will look over the inquiries on the web site. Industry reports that the process is not always working.

15. 19. (Comment added 4/28/2015) CT RPC Co-chairs will be taking on the bidder inquiry process issue.

15. 20. (Comment from 05/12/2015) Bidder inquiry discussion did take place, and will be getting back to industry on this in the next couple of weeks.

15. 21. (Comment from 05/26/2015) CT will check on the progress. Chuck will check on the progress of the internal discussion related to the bidder inquiry process. (See upshot # 146)

15. 22. (Comment from 06/24/2015) This discussion related to the bidder inquiry process will be taken up at the Construction Managers meeting in July 13/14.

15. 23. (Comment from 06/24/2015) Scoping documents working through the process: 1) RHMA with low percentage of RAP scoping document, and 2) Vacuum Sealing Cores scoping document, and 3) temporary transverse tapers scoping document. The fourth one, a scoping document for the low amount of crumb rubber in HMA will be written up soon.

15. 24. (Comment from 07/07/2015) 1) RHMA with low percentage of RAP scoping document, , This is going to be signed by the last of the RPC Co Chairs. and 2) Vacuum Sealing Cores scoping document, Two of the three co chairs have signed this, should be signed at next RPC meeting. and 3) temporary transverse tapers scoping document. This still needs two Caltrans Task Group co chair signatures before it can go to RPC before it can be approved by the RPC, and 4) The fourth one, a scoping document for the low amount of crumb rubber in HMA will be written

up soon. RHMA scoping document should be signed soon. We will be incorporating the information from UCPRC.

15. 25. (Comment from 08/04/2015) No new report.

15. 26. (Comment from 8/27/2015) Scoping document for vacuum sealing cores has been approved. This needs to be added to the agenda for future meetings. Scoping document for RHMA with small amount of RAP has been approved. Temporary transverse tapers scoping document has been approved. All three have been posted on the web site. The scoping document for the low amount of crumb rubber in HMA scoping document should be signed soon and is already included in these notes as agenda item 14. Completing the scoping document is dependent on resolving the funding issue for the research.

15. 27. (Comment from 8/27/2015) Industry concern on new products evaluation. There is frustration with the approval process. Industry partners have not been able to get anything finalized, even though everything Caltrans has requested has been done. How do we move this forward? The process is bogging down. Caltrans response: Chuck will bring this up to Sri. (see upshot # 150)

15. 28. (Comment from 8/27/2015) Pavement smoothness forum has been set up for September 28th Right now there are 51 people signed up. We expect a good turnout. It will be held at the CHP Building – 601 North 7th Street - in Sacramento.

15. 29. (Comment from 8/27/2015) FHWA is offering to do tack-coat training – best practices. We are looking for November – there will be one north and one south. Chuck will send an e mail to Jack and Pat when this is set up. (see upshot # 151)

16	0955	Review upshot and bin list Halverson/all	

Next meeting dates

September 8

September 29

17	0959	Next meeting date, location and expected outcome Halverson/all	
18	1000	Adjourn	