

Group Memory
 ATG Co-Chair Meeting
 November 13, 2014

Next Meeting dates

November 25th at 0845.

Time: Nov 25, 2014 8:45 AM (GMT-8:00) US Pacific Time

Join from PC, Mac, iOS or Android: <https://zoom.us/j/802804724>

Or join by phone:

+1 (415) 762-9988 or +1 (646) 568-7788 US Toll

Meeting ID: 802 804 724

International numbers available: <https://zoom.us/zoomconference>

Desired outcome for next meeting:

Update tasks and action items

From July 9, 2013

80	Sri	Make sure that changes to the HDM are circulated to industry before they are posted. (Modified Binder) 7/23/2013 8/27/2013 9/10/2013 9/24/2013 10/7/2013 11/15/2013 1/20/2013 3/25/2014 4/22/2014 5/6/2014 5/20/2014 5/20/2014 6/3/2014 8/1/2014 9/16/2014 8/19/2014 10/14/2014	10/28/2014
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From 8/27/2013

92	Joe	Send copy of the e mail that was sent to the DME's Send out a new email to DME's clarifying when a new mix design is required. (Hot Drop, RHMA) 9/10/2013 9/24/2013 10/7/2013 11/05/2013 11/15/2013 3/25/2014 5/20/2014 6/3/2014 6/30/2014 7/22/2014 08/15/2014 9/2/2014	9/16/2014
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April 8, 2014

444	Jack Jim and Chuck	Discuss and determine plan for JIT VEDA training. (See discussion under agenda item # 9) 4/8/2014 5/20/2014 6/3/2014 6/30/2014 8/15/2014 8/19/2 14 9/02/2014 9/16/2014	11/15/2014
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May 6, 2014

119	Joe	Joe will talk with Sri and Chuck to come to an agreement on memorializing binder set point issue. (See discussion under agenda item # 8) They will report back at the next meeting. 5/20 6/3/2014 6/30/2014 7/22/2014 8/15/2014 8/19/2014 9/02/2014 9/16/2014	10/28/2014
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May 29, 2014

123	Chuck	At the next sub task meeting, we will discuss having a web site or other means of letting people know the status of intelligent compaction pilot projects on-going (See discussion under agenda item # 9) 6/26/2014 8/15/2014 8/19/2014 9/02/2014 9/16/2014 10/14/2014 11/15/2014	11/25/2014
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September 16, 2014

131	Sri	Get the scoping document signed. QC/QA 10/14/2014	10/15/2014
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Oct 14, 2014 No new assignments.

October 28, 2014

132	Chuck	will work with Joe and Sri to get the guidance document out on binder set point and report back at the next meeting. (See discussion under agenda item # 7) 11/13/2014	11/25/2014
133	Jack	notify CalAPA and RPA about the QC requirements for AR Binder and the training. (See discussion under agenda item # 10)	11/13
134	Jack and Pat	Jack and Pat will select industry co chair for the Section 39 QCQA STG. Have them set up the initial meeting. (See discussion under agenda item # 13)	11/13

Action Item #114: Waiting for next version of VEDA to be posted by Transtech so that joint training can be developed.

Action: Item #123: Ebi Fini is working on getting webpage up and running for IC.

Nov 14th, 2014.

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Critique from last meeting:

What went well	What Needs Improvement
Got done on time	Need all to be at the meeting.

Critique from this meeting:

What went well	What Needs Improvement
Ended early	Need everyone here. Donuts.

1	0900	Opening and Introductions, Purpose of meeting	Introduce new Industry rep?
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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 10/14/2014) 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

2.	0904	Agenda Review / Halverson/all	
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3	0905	Review and status the upshot list	OK as written? Corrections needed? Assignments done?
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4	0915	HMA-LV (Formerly was TYPE B Aggregates)	
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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 10/14/2014) 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.
(comment from 11/13/2014) Still working on it and will meet again on November 20. Caltrans supports the local agency SSP for HMA.

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

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

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

7. 1. (comment from 7/22/2014) No discussion has been held yet. Caltrans has had an internal meeting and will have another brief meeting to wrap their discussion up. (See upshot # 119)
7. 2. (comment from 8/05/2014) CT has not had the meeting yet.
7. 3. (comment from 8/19/2014) Waiting for Joe to put this in writing to formally document it. Joe hopes for the end of September for this guidance document. –
7. 4. (comment from 9/2/2014) CT is working on this. Still have to meet with Pavement office and Construction and Mets.
7. 5. (comment from 9/16/2014) CT needs to meet and draft up something on this one.
7. 6. (comment from 10/14/2014) There has been discussion on this but nothing has been finalized at this time. Industry would like this to be done ASAP.
7. 7. (comment from 10/28/2014) What has been agreed to as the RSS for Section 39 has been posted. Sri and Joe should be putting together a guidance document to the districts based on the approved RSS. – Sri and Joe are not here today. Industry wants to move ahead ASAP.
7. 8. Outcome
 7. 8. 1. Chuck will work with Joe and Sri to get the guidance document out and report back at the next meeting. (See upshot # 132)
7. 9. (comment from 11/13/2014) No new report

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

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

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

44	Review progress of CT 304	
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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 8/10/2014) 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	
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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 -)

13	11/15 STG Projects and scoping documents – QC/QA for Superpave Section 39 QCQA STG	
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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.

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

14. 1. (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%. 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.

15		Any new items or issues? Proposed 14/15 STG Projects and scoping documents –	
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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	0955	Review upshot and bin list Halverson/all	
16	0959	Next meeting date, location and expected outcome Halverson/all	

Next meeting November 24th at 0900 (sign in at 0845).

17	1000	Adjourn	
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