

Pavement Preservation Task Group (PPTG) General Meeting Summary

April 12, 2011
Translab Auditorium, Sacramento CA

Attendees: a list of attendees is attached

The meeting started at 9:30 am.

Items (The action items are in **BOLD** font):

1. Peter Vacura opened the meeting with self introductions around the room. Caltrans PPTG Co-chair is Peter Vacura and industry Co-chairs are Hans Ho and Craig Hennings.
2. Steve Takigawa (Steve T.) Caltrans deputy director attended the meeting representing the Pavement Program Steering Committee, CT, HQ Maintenance. He spoke to the PPTG and said that even though people move and change positions, the process doesn't have to change. Currently, CT is not stopping pavement preservation activities. There is money for pavement preservation even if there is no money for other activities. CT can't do it alone; hence industry needs to work together with CT. There were "Hiccups" last year regarding "new stuff". Innovation is an area where progress needs to be met.

Steve T. stated that it's a challenge for CT to move forward with pavement preservation, but that is all there is money for. Currently, Maintenance has been forced to reduce their fleet by 6,500 units. Credibility is a big factor. People want to be part of a team that gains momentum and maintains credibility. The program needs to move forward, and changes need to be made, and credibility maintained. Industry is making an effort to maintain credibility. **Steve T. supports pavement preservation and he will continue to attend the PPTG meeting on interim basis.** He didn't inform people that he would attend this meeting.

Steve T. wants to see an action plan developed with milestones. He wanted to know, "How do we monitor the innovation projects?. He also wanted to have a road map of the pilot projects. Where are they? How many are there? What data have we gathered? If the pilot projects are not documented, they are a waste of time. Steve T. wants this information tracked. He wants to be able to feel "warm and fuzzy" regarding our program.

FHWA is interested in the warm mix technology. We need to know which projects have been constructed, where they are, and for them to move forward. Steve T. supports innovation, and the pavement preservation process needs to address—how to do it right. We all need to be on the same page on monitoring the projects and we need to follow the process by placing treatments at right time, right place, and using the right treatment. Be accountable, and do the jobs.

3. Peter Vacura (Peter V.) discussed the charter the Pavement Program Steering Committee and Rock Products Committee. He went over the new organizational structure for the PPTG. There are representatives from the southern to the northern part of the State. The representatives are to meet quarterly and updated by Rock Product Committee (RPC) co-chairs. He wants to formalize members and new task groups and provide transparency in the organization. There is a website where all of the PPTG information is to reside.
http://www.dot.ca.gov/hq/maint/Pavement/Pavement_Program/index.html.

Innovation—The PPTG needs to manage it well. Commit from the beginning of the project to the end. The failures need to be identified as the projects are monitored and evaluated. There needs to be a solid process in place. Fog seals were given as an example. CP2 Center was going to do this with a given time frame, but it wasn't completed because of lack of funding for the Center.

4. Steve T. said that we need to know what treatments failed and why it failed. It needs to be determined what works now. Scott Metcalf replied that the innovation group has already done procedures on how to do it. The information is still available and on the Center website. The procedures now need to be implemented. Look and see if it still works. Accountability must be maintained. With the procedures established, the customer (CT) needs to report back to Industry.

The failures need to be documented before the Districts scrap it off and redo a project. It is improper for the Districts not to report the failures to Innovations for evaluations.

5. Ding said that the past innovation procedures had 3 steps for innovations – pre-proposal, proposal, and final report and it is on the CP2C website, www.csuchico.edu/cp2c. One can create a proposal online. The reviewer account can be set up at the website, and can submit comments. CT co-chair approves proposals, and a District sponsor is recruited as a champion for an innovation project. The CT co-chair is to evaluate. The PPTG members will be asked for comments. A Construction report can also be submitted to the website. A timeline of 7-days was established by the Innovation Committee. Ding said that this timeline was not enforced.
6. **Peter V. said that it is a viable process and it need to be moved forward.** The CT co-chairs need to move innovation projects forward. The projects need to be sent to the task groups. John Fox, District 8, and Bill Moses District 6 do more for seal coats than anyone else in the State.
7. **Scott Metcalf would like to see innovation projects sent to task group for evaluation, and to remedy solutions for failures.**
8. Jack van Kirk said that the process is being circumvented through the Construction Change Orders. Donald Milner objected by saying, “Don't get me started.”
9. **Steve T. said that he wants a focal point in HQ for all pilot/innovation projects.** The State Pavement Engineer, Amerjeet Benapal, should be the focal point Not just district

money is being spent, HQ put up \$5 million per year previously. **Steve is willing to try to expedite the innovation projects. HQ must approve the innovation/pilot projects. He doesn't want the Districts to do the projects without going through the proper innovation procedures. The innovations should be documented no matter if they use any innovation money or not.**

Action: Peter V. said that the process needs to be sorted out.

10. Ding's Software Presentation – Innovation Database and Pavement Preservation Treatment Database —See Handout “Software for the PPTG General Meeting”
By Ding Cheng, CP2 Center, April 12, 2011. Information is centralized and documented on website, Innovation, Preservation, Treatment and Proposals can be entered for CT.

Larry Rouen was monitoring the input from the program and he forwarded the input to the proper sub-task group.

Scott Metcalf the industry innovation co-chair said that only 5 submittals have been done.

Steve Escobar asked if it is new to CT, is it an innovation project? Ding said yes, if it is warm mix for preservation project, put it in the system and submit it.

Peter V said, let's go forward.

John Fox, District 8, asked where pilot projects fit into innovation.

Ding went on to show a completed project, HIPR in District 2. He showed how the Pavement Preservation Treatment Database (PPTDB) linked to Google maps for location and project report information.

Peter V. said that CT is excited about an automated survey system that is being utilized to gather digital imagery.

Ding went on to say that the program has various search engines for specific project type searches, i.e. RHMA—can also put pictures in it for historic surveys for a particular project.

Peter V. mentioned a final construction report which can be put into the database as an attachment.

Steve T. wants to be able to access database without going through the password process. He wants the database materials directly accessible to CT management at the HQ level.

Ding could add a button to the program and let people log in as a guest automatically.

Peter V. stated that there is no innovation money available for projects for the next 2 years. It has all been committed to other places. The Districts can still do innovation projects with their own money.

Steve T. said that if an innovation project fails the District can get a refund for the following year.

Roger Smith said to Ding and Peter that the database is a great idea which give people access to information that no one had available before.

11. Ding presented a drafted flexible pavement Strategy Selection program.

Cost data used in the program were developed from 2007 data. The program has a small life cycle cost analysis and expert system approach. There is a “Weight Table” with weighted averages which has life expectancy of each treatment with the cost information. The higher the score, the better the benefits from the proposed project strategy.

There is a TRB Paper on using this program, but a user’s manual is not developed at this time.

12. Peter Vacura continued his presentation on the pavement preservation priorities.

The new Caltrans website has the information that will provide transparency. There is also a charter included in Peter V.’s handout for today’s meeting, entitled, “Caltrans Pavement Program Steering Committee Charter”.

The Rock Products Committee co-chairs have more representation from Maintenance, Materials, Construction from CT, and industry. Slides 5 and 6 from Peter V. PP list the current co-chairs.

Peter V.’s afternoon presentation went back to the priority list and the “Rock Product Scoping Document Summary”, **priority list that is to be completed to priority No. 13 by 6/2012.** Caltrans’ reorganization is not going to prevent these priorities from happening.

- 1) 2010 Specification Conversion to Plain Language—Specifications completed for sections 37, 92, 93, and 94.
- 2) Fog Seal Moratorium Removal—**New standard/specification in the works (Caltrans John Fox, Peter, and CP2C are working on a work plan.)**
- 3) CIR—**Looking for projects, CP2 evaluated some in the past. Steve Escobar for Don Matthews stated that it needs specification modification for new mix designs. Need a meeting in 2-weeks for specification changes.**
- 4) Rubberized Slurry Seal—**Will evaluate a project and develop specifications. Work plans has been proposed—CP2 Center on board to evaluate.**
- 5) (not listed)

- 6) Full depth and partial depth repair—**Updated early March in Section 41, Standard Specification re-write.**
- 7) Scrub seal—Remove from list (Jack van Kirk objected.) **John Fox said that District 8 did one project. Need to follow up.**
- 8) Quieter Pavement NGCS and OGFC—**New Generation Concrete Surfacing will be piloting in D3 and D11.**
- 9) HIR moved to end of list, No. 20.
- 10) Tining Spec. for PCC--Removed from list
- 11) PM Chip Seal, PG76-22TR—Where is it? Listed as no activity, **but Dist. 10 has one. and they are not in the data base. Jack van Kirk was wondering who would evaluate those projects. The projects should be evaluated on a yearly basis or a 2-year basis. Leave it to the task groups for evaluations. Ding said that there are several in the CP2 data base. Peter V. said that they are trying to identify test sections, and that more participation is needed.**
- 12) Warm Mix Rubber Chip Seal—**NSSP in works, looking for pilot projects. NSSP not complete.**
- 13) Chip Seal JITT—**Completed soon, awaiting Construction Review.**
- 14) Partial depth repair/PM Resin.
- 15) DBR, Polyster backfill – **Project needs to be evaluated. It should be moved up to the list.**
- 16) Extraordinary smoothness
- 17) Micro-surfacing JITT—**The training was developed and should be discussed by the group for further action.**
- 18) Concrete Sealer/Hardener—**need project evaluation. It should be moved up to the list.**
- 19) OBSI Standardization—Noise on board sound intensity, right now different numbers for same sound decibel—refer to UCPRC.
- 20) Double chip over fabric – local agencies have applications but State.

Don Milner said that problems experienced on one project, does not mean that the pavement preservation is a failure. **Don Milner is going to (or could) give Peter V. a list of all the terminal blend chip seal projects that has knowledge of.**

Chip Seal JITT discussion going on for training. More effort is needed.

Hans Ho—Need re-evaluation of innovation projects. It was Hans' suggestion to move priority No. 9 to priority No. 20.

There needs to be activity shown on the priorities or the items will be moved back. Priority Items No. 14, 16, 19, and 20 are left.

Craig Hennings—said that Larry Rouen was switching sections in the Standard Specification between Sections 40, 41, and 90. UCPRC is studying the NGCS grinding for noise reduction. NGCS requires two grinding passes. The first pass is a profile grind, and the second pass is to texture and groove the concrete for noise reduction.

Standardization is needed so that the numbers equate to the same noise levels. What is the PPTG priority for this item? Linus Matumah questioned the need for a work plan from Rock Production Committee for this item. Peter V. said that it should go to the UCPRC. Per Peter V. remove priority No. 19 from the list.

Roger Smith said that the double chip seal over fabric, item No. 20, should be moved up in priority.

It was stated by several to give the priorities to the Task Groups and let them decide how to handle the prioritizations.

Don Milner suggested putting all of the chip seal priorities together, and don't include the fog seals with the chip seals.

Doug Mason is in charge of the surface seal group.

Roger Smith didn't think that the list of priorities stated the most important item to be completed as shown in the order listed, and Peter V. confirmed it.

13. Innovation project need to be entered into the CP2 data base, and then directed to Rock Products with a Scoping Document Summary.

14. Pavement Preservation Annual Conference.

Chip Seal Conference is scheduled in February 2012 in Sacramento at the Holiday Inn.

The former pavement preservation conference will be renamed to pavement preservation workshop. **Hans Ho stated that it will be held in April 2012 at the Radisson Hotel in Newport Beach, CA.**

There was discussion about use ITS to support the pavement preservation workshop next year in New Port Beach. Laura Melendy of ITS is actively involved with the conference planning committee.

CT will support an April Work Shop.

15. Peter V. asked for new business.

Don Milner said that for Chip Seal the Traffic Managers are creating problems due to short lane closure lengths. Specifically, Robert Kopp, Traffic, is only allowing 1.5 mile lane closures. The problem is going to be brought to the attention of the Chip Seal Association in District 3 and 4.

Roger Smith suggested that the task group lists be sent out to all the people to have them re-affirm their interests in participating in the particular task groups. Have them contact the co-chairs for the task groups.

Ding Cheng said that the CP2 Center can send out an electronic form to the PPTG members and the Center will generate new lists for the particular task groups.

Peter V. mentioned that he formed an PPTG council group of CT and industry co-chairs which has a bigger representation on multiple functions, i. e., Construction, Design, Traffic, Materials, etc.

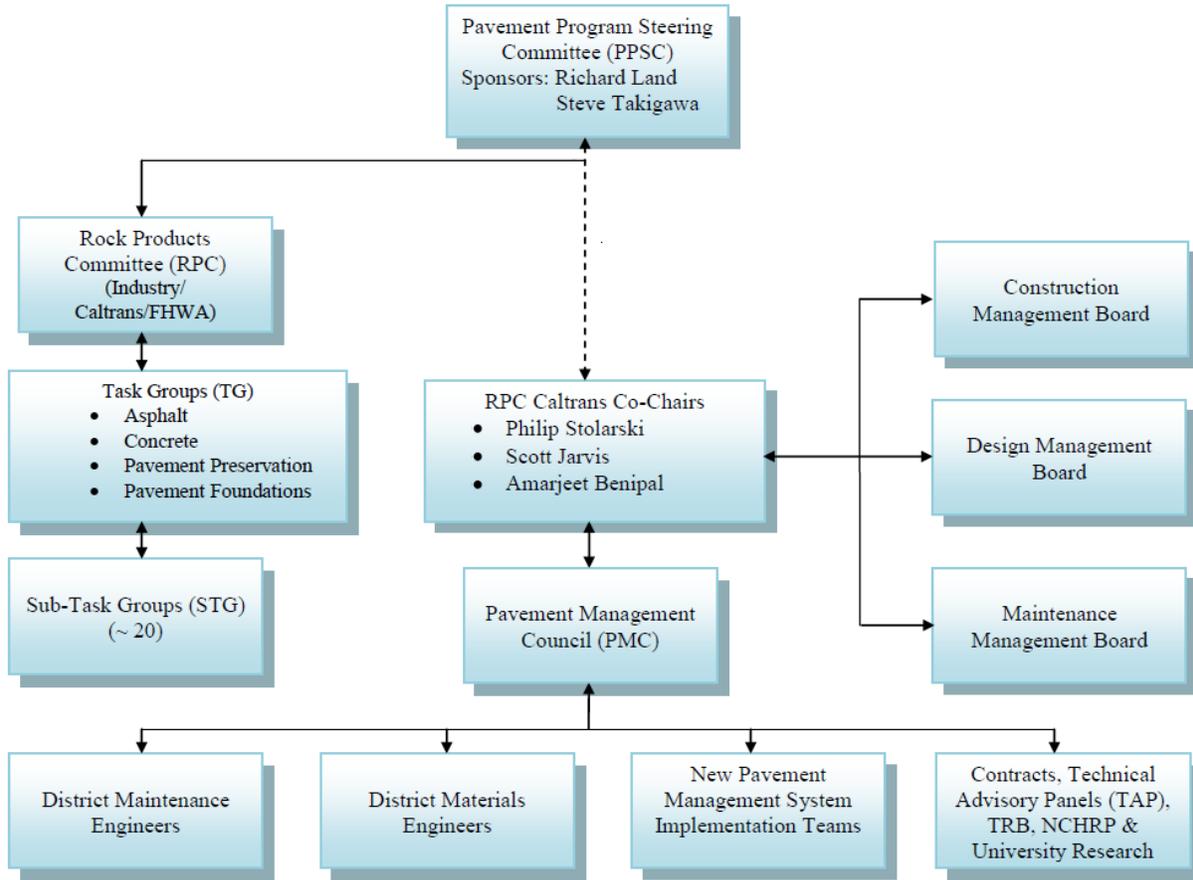
16. Peter V.—My co-chairs and I will meet to discuss priorities on the activities listed. We have 14 months left in this cycle, and we need to complete as many as possible. All of the information needs to be back to the task group co-chair by May 11th.

17. Meeting adjourned around 3:00 pm.

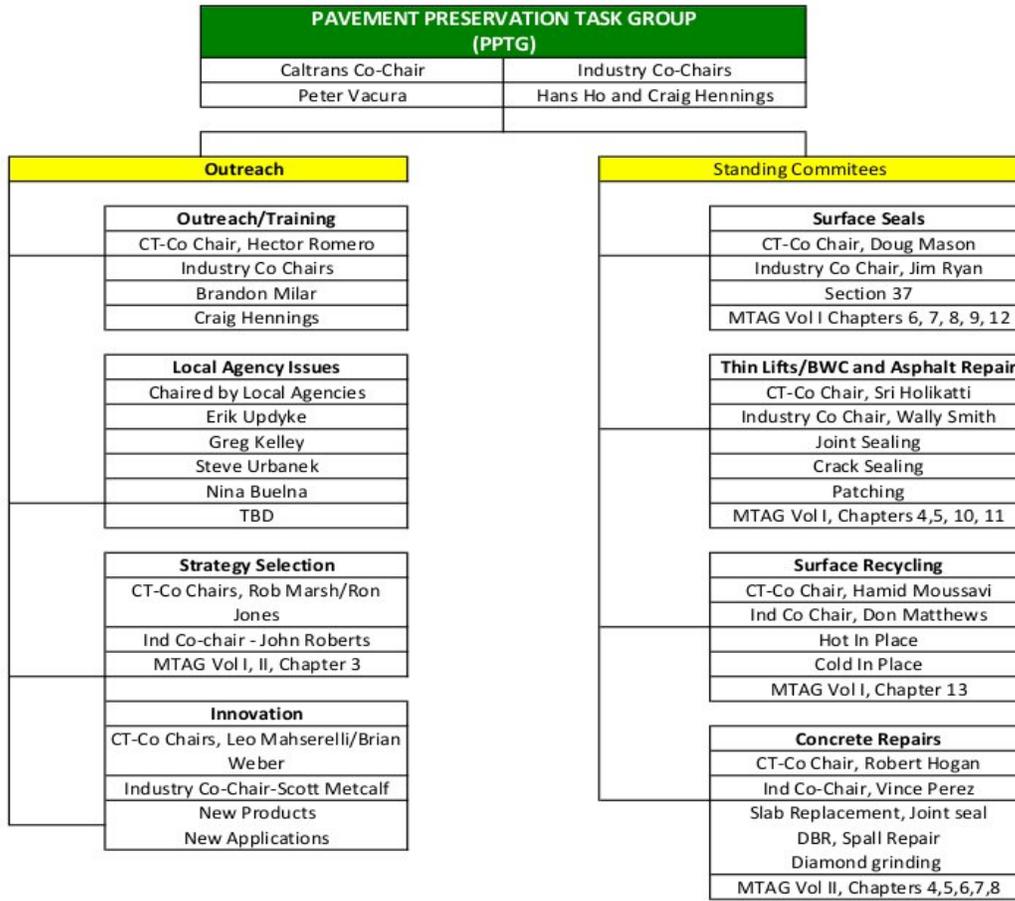
Attachments:

1. Caltrans Pavement Program Strategic Organization
2. Pavement Task Group Organizational Chart
3. Attendee List

Caltrans Pavement Program Strategic Organization



Attachment No. 1



Attachment No. 2

No.	First Name:	Last Name:	Name of agency or company:	Position held:	Email Address:	Phone number:
1	Sara	Aizate	Road Science, LLC	Pavement Engineer	salizate@roadsciencellc.com	714-673-8195
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3	Don	Barrett	GraniteRock		dbarrett@graniterock.com	408-672-8110
4	Marc	Bertsch	Intermountain Slurry Seal	Area Manager	marc/bertsch@gcinc.com	209-338-4007
5	Art	Bigelow	CTS Cement Mfg		abigelow@ctscement.com	714-719-6365 800-929-3030 ext 142
6	Gary	Billiard	Skidabrader, LLC	President	noskdn@earthlink.net	318-547-6751
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11	Michael	Davenport	Intermountain Slurry Seal	Project Engineer	michael.davenport@gcinc.com	510-432-9411
12	Steve	Escobar	Asphalt Pavement & Recycling Tech	President	spart@hughes.net	661-393-2748
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17	Hans	Ho	Tafer Oil company	Technical Director	hans.ho@teferoil.com	925-228-1515 ext 1329
18	Robert	Hogan	Caltrans - Pavement	Senior	robert.hogan@dot.ca.gov	916-227-5840
19	Sri	Holkatti	Pavement Program Flex		sri.holkatti@dot.ca.gov	916-274-6074
20	Casey	Holloway	Perhall Company	Contracts Mgr.	cholloway@perhall.com	951-750-5782
21	Ron	Jones	Caltrans		ron_jones@dot.ca.gov	916-221-0909
22	Lerose	Lane	California Pavement Preservation Center, CSU, Chico	Sr. Pavement Preservation Engineer	Lerose@theskybeam.com	530-356-8315
23	George	Lee	Euclid Chemical Company		glee@euclidchemical.com	925-597-1047
24	Robert	Marsh	Caltrans Pavement Program	Pavement Reviewer	rob_marshall@dot.ca.gov	916-274-6062
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32	Michelle	Olinger Jolly	Petrochem Manufacturing Inc.	Co-Chair Patching & Repair - Former Secretary	michelle.olingerjolly@yahoo.com	760-310-2173 951-203-1833
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46	Katrina	Thompson	PMI	Representative	katrina@pmitechnology.com	714-722-7275
47	Steve	Urbanek	County of Sonoma Department of Transportation and Public Works	Pavement Preservation Manager	surbanek@sonoma-county.org	707-565-3884
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49	Albert	Vasquez	State of California, Department of Transportation	Senior Transportation Engineer	Albert.Vasquez@dot.ca.gov	916-227-5847
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Attachment No. 3