

Pavement Preservation Task Group (PPTG) General Meeting

Meeting Summary

November 14, 2011

Department of Public Works, 900 S. Fremont Avenue
Alhambra, CA

Attendees: a list of attendees is in the attachment

The meeting started at 10:00 A.M.

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

1. Peter Vacura opened the meeting with self introductions around the room. Peter stated that there is momentum with the new structure in the subtask groups. He also went over the agenda.
2. PPTG Updates
 - Peter, as Caltrans Co-Chair, went over the PPTG updates. Progress has been made in developing specifications for various preservation treatments. The projects using the new specifications need to be ready to go for next spring. Caltrans wants to monitor these projects. The specifications may not be 100%, but they should be workable. Hans Ho, the outgoing Industry Co-Chair, said that you listened to me last time, and that the new Industry Co-Chair for flexible pavements will take my place. The momentum is here now, and the momentum needs to be kept for the PPTG to meet spring deliverables.

Transitional issues with Caltrans slowed the process, but we now have Peter Vacura. Hans said that there is a good Caltrans staff for the new industry Co-Chair to work with.

Hans said that he will continue to work with the task groups.

- Craig Hennings, the Co-Chair for Industries' Rigid Pavement, reiterated Hans' sentiments, that there is a good to go forward with, and that progress has been made but that there is still more to do.

3. Subtask Groups' Updates

- Doug Mason gave an update on the Surface Seals status. He said that there are 3 skid tests waiting to be done for the fog seal project. The NSSPs are starting to be developed. The rubberized surface seal draft NSSP has been sent out. The scrub seal NSSP has a performance specification. Asphalt rubber chip seal with warm mix is targeted as future work.

Doug said that John Fox, District 8, is working on putting a fog seal specification together.

District 7, has completed a report on the SR 150, modified binder chip seal project, which was an AR seal coat warm mix.

- Hamid Moussavi reported on Surface Recycling status. He said that there were 22-23 projects for the 2011 construction season, with some work still pending. Working with industry, Cal Poly Pomona is assessing 6-8 projects. Caltrans is tightening the specifications for CIR.

There are no updates on HIR at this time.

- Peter Vacura said that both HIR and CIR are both major maintenance preservation strategies. There needs to be more investigation by the Maintenance Engineers on CIR projects before choosing CIR as their strategy. These projects are not in the SHOPP, therefore don't have the testing requirements for structural section evaluation and mix design development. (Rehabilitation projects have these requirements.)
- Robert Hogan reported on Concrete Pavement status. The new slab replacement specifications were used, and there were some problems with them. A new set of draft specifications will be sent out for review by December.

Robert said that there are no test sections planned for joint seals at this time.

A report is being finalized on "Next Generation" concrete. Two projects have been done, and one is planned. Robert didn't identify the new project.

Dowel Bar Retrofit (DBR)—Both a work plan and budget has been done for a SAC, SR 50 project. The work includes FWD and coring with a report to follow.

Partial Depth Repair—A Draft Scoping Document (DSD) will be done within a couple of months.

- Peter said that the status' are being updated monthly, and that they are available on the Caltrans Maintenance webpage.
 - Leo Mahserelli reported on the Innovation subtask group. He gave a handout on the Innovation process outlining a better "road map". This was done at Peter Vacura request.
4. After the updates, Industry voted for new co-chairs for the task groups, and the subtask groups. The results are:

PPTG Industry Co-Chair, Flexible Pavement—Jim Ryan

PPTG Industry Co-Chair, Rigid Pavement—Craig Hennings

Surface Seal Subtask Group—Steve Olsen

Thin Lift Overlay and Asphalt Repairs – Don Barrett

Surface Recycling Subtask Group—Don Matthews

Concrete Repairs Subtask Group—Craig Hennings

PPTG Outreach Subtask Groups:

Outreach/Training (Flexible)—Brandon Milar

Outreach/Training (Rigid)—Craig Hennings

Strategy Selection—John Roberts

Innovation—Scott Metcalf

5. Center Reports

- An update on the CP2 Center was given by Ding Cheng.
- Don Matthews assisted Steven Cross from Cal Poly, Pomona’s PRR Center on a presentation.

6. Subtask Groups Reports on Future Plans

- Submission of innovative products can be made to the CP2 Center website by industry.
- Scott Metcalf reported that no submissions have been made to the CP2 Center website. Scott says that the website is accessible and that it does work. How patented and proprietary products are handled needs to be worked on. Caltrans is getting stung by it. How open is the product, and is it a sole source problem. In Pennsylvania and Utah, “public findings” has allowed proprietary specifications to be used. Caltrans is trying for a generic specification.
- Peter Vacura said that if all submittals for a product’s use are funneled through one person, Caltrans may not be able to use that product. He has referred this proprietary/sole source issue to HQ Legal. Peter has asked HQ Legal to give Caltrans an opinion on Public Contract Code Sections 3400 and 10129 regarding generic specifications for sole source or proprietary products.

- Ron Jones and John Roberts are co-chairs of the Strategy Selection subtask group. Both Ron and John were not available to give an update. **Ron is to get a committee together to study the process by the first of the year.**
- Eric Updyke and Greg Kelley from LA County represented local agencies. Greg said that they have to work to develop specifications for pavement preservation treatments. LA County can try new technologies to gain experience with their available resources.

Eric said that local agencies don't like to use performance specifications. Local agencies need a "light version" of the specifications. Pavement preservations are not covered in the "Green Book". Proprietary issues are bad for local agencies, and that the "public interest" finding has been used by local agencies. They would rather have a list of allowable products, and avoid performance specifications.

- Peter Vacura reported that no work has been done by Thin-Lift subtask group.
- Peter also gave the update on Chip Seals and Micro-Surfacing regarding outreach training which is to replace JITT which has been problematic for Construction due to availability of trainers that are not involved directly or indirectly with the products being used, or directly with the project. The new training will focus on 3 aspects.
 - 1) Current modules are to be revised to require a mandatory pre-paving meeting between the Contractor's and State's field personnel. This training will be required in the contract.
 - 2) Develop a check list to supplement the training.
 - 3) The meeting/training will pin point project specific problems, and how to handle them.
 - a. Haul Distance
 - b. Alignment
 - c. Contingency plans
 - d. Etc.

The training is to be used as a starting framework prior to a project going forward.

- Eric Updyke said that local agencies still like the JITT and have not found trainers' involvement with the product or the contract to be a problem.
- Hamid Moussavi reported from the Recycling breakout group's meeting. They are waiting for a new project and there is also a project due to be completed in another 12 days on Highway 69 in District 8.

He is looking to revise the specifications on recycling agents, cement, smoothness, and mix designs. This subtask group is scheduled to meet again in January 2012.

- Robert Hogan and Craig Hennings gave an update from the Rigid subtask groups. There are specification issues on volumetric equipment, dowel bars, and tie bars. A cost analysis needs to be done on the use of DBR with slab replacements. Standards for base replacements with slab replacements need to be addressed. Joint seals are currently a low priority for industry. Spall repair is a medium priority. There is a research project for polyester backfill with DBR. The next meeting for this subtask group will be in early December.
7. Meeting adjourned at 4:00 P.M.