	Rock Products Committee Management Status Report Workplan Report for: Fiscal Year '12/13' to '13/14' (Diff. Δ from 8-1-13 to 11-4-13)				11/4/2013 9:05:21 AM
Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
8	Section 39 Smoothness	Develop revised specifications for pavement smoothness using the inertial profiler.	Smoothness Specification posted on 2/22/13. Completed district construction staff training on new specs and Proval software.	7/1/2010	96
			Monitor projects to ensure construction compliance with specification requirements and if any modification to specification is necessary. Complete pavement Smoothness Guidelines. Prepare for second round of District training.	12/31/2013	Δ 0
9	Quieter Flexible Pavement	To reduce tire noise and improve permeability and durability of OGFC mix designs.	Laboratory evaluation was performed on 3 OGFC mixes. 5th year report approved.	1/1/2010	64
			Develop nSSP, Identify field projects, Monitor field projects, Develop SSP	7/1/2014	Δ 0
11	Longer Life Flexible Pavements	Design and build longer life flexible pavements in California to minimize the needs for future structural improvement or rehabilitation.	Red Bluff and Weed projects are completed. Continued construction assistance for Solano long-life pavement project.	1/1/2010	82
			Sub Task Group meeting scheduled for October. Review pilot projects and develop strategy for moving forward.	6/30/2014	Δ 5

Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
14	Superpave Specification	Develop specification to transition from Hveem mixes to Superpave mixes.	The Superpave Sub Task Group met on October 17, 2013. The group has resolved 83 of 94 issues. Of the 11 issues remaining, 2 are CT 304, which does not apply to Superpave, 4 are open as we gather data, and 5 are procedural.	7/23/2012	74
			The next Superpave meeting is November 14, 2013 where the proposed Superpave specification will be reviewed.	6/30/2014	Δ 16
15	RAP/RAS	Develop standard special provisions (SSPs) for allowing higher RAP usage and for allowing RAS usage.	Sub Task Group meeting held October 11 5, 2013. The group discussed RAS binder stiffness, percent utilization, procedures for determining effect of RAS on HMA and had a presentation on WMA/rejuvenator.	7/23/2012	56
			Next Sub Task Group meeting scheduled for November 13, 2013. Group continuing to work on binder replacement specification.	6/30/2014	Δ 12
18	Intelligent Compaction	Develop specification for using intelligent compaction as quality control for hot mix asphalt method compaction.	IC-Demonstration workshop held on September 6, 2013. Three IC roller manufacturers attended Sub Task Group meeting held on September 18, 2013.	4/15/2013	15
			Next Sub Task Group meeting scheduled for November 5, 2013. Review draft pilot project specification and resolve comments. Presentation on Veda software using data for IC demonstration project.	1/30/2015	Δ 14

Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
20	Asphalt Rubber Binder Quality Control	Identify specification contractor quality control requirements for asphalt rubber binder.	First Sub Task Group meeting was held on September 4, 2013.	8/5/2013	12
			Next Sub Task Group meeting is scheduled for November 6, 2013. Draft ARB QC specification to be discussed.	1/15/2014	Δ 12
21	Performance Graded Asphalt Rubber Binder	Develop a Performance Graded specification for asphalt rubber that contains crumb rubber particle size up to 2 mm (10 mesh) with consideration of climate zone and traffic levels and replace the current recipe-specification.	First Sub Task Group meeting was held on September 4, 2013.	8/5/2013	2
			Next Sub Task Group meeting is scheduled for November 6, 2013. Draft workplan to be distributed prior to next meeting so that it can be discussed.	6/30/2014	Δ 2
22	Aggregate Breakdown in Asphalt Concrete Plant	California Test 304 will be modify to allow adjustment be made to pre-production aggregate gradation to reflect post-production aggregate gradation before performing HMA mix design.	None	8/5/2013	0
			Industry to meet and discuss.	11/5/2013	Δ 0

Concrete Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
9	Statewide Aggregate Source Database	Database for Statewide consistency in aggregate source testing. Centralized database.	Project Complete	12/1/2010	100
				6/30/2013	
5	QC/QA Spec for Cast-in-Place Concrete	Implement QA specifications for materials management of structural concrete.	Additional outreach with other pilot projects and Industry to take place. Coordination to continue for scheduling of ACI trainings and Pre-Bid Outreach meetings for Pilot Projects both in Northern CA and Southern CA. D8, D11, and D6 Pilot Projcts underway.	12/1/2010	75
			First ACI training likely in Sacramento near early October 2013.The DIME beta testing to continue with private labs as necessary. Pilot project specific outreach will be conducted as soon as pilot projects are identified.	6/30/2014	Δ 0
11	Precast Concrete Pavement	Develop comprehensive departmental guidance or standard approach on the use of precast concrete pavement.	A draft revised PPCP specification which included performance criteria were sent out for review on 8/7/13. A meeting with Caltrans intellectual property attorney took place on 8/29/13. Pilot project shop drawings are reviewed by HQ for plans improvement.	1/1/2010	85
			Construction and METS to provide lessons-learned from active construction projects. Next Project Team meeting to discuss draft spec, work plan, and other subjects in October 2013.	12/31/2013	Δ 0

Concrete Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
22	Recycled Concrete Materials Specification Development	This activity aims to evaluate the possibilities of using recycled concrete (both hardened and plastic) for CT projects in minor concrete or LCB.	Monthly project team meetings continue. Draft specification completed. Industry to send requested information on MPQP manual. The carbon footprint savings report was received by project team on June 21, 2013 and sent to CT for review.	10/13/2011	77
			Sub Task Group Project team meetings to discuss path forward for activity. Draft Specs to be complete in coming weeks.	6/30/2014	Δ 27

Pavement Foundation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
11	Compensation for Ordered Increases in Additives	Develop specifications for compensation of additional costs for ordered increases in stabilizing additive for soil stabilization projects beyond the theoretical amount.	Developed specification as NSSP for use on projects.	7/19/2012	93
			Use NSSP on projects and revise if necessary prior to posting as SSP for use with 2015 specifications.	12/30/2013	Δ 31
12	Intelligent Compaction	Develop specification for using intelligent compaction as quality control for Full Depth Reclamation (FDR) and Cold In-place Recycling (CIR).	First sub task group meeting held on August 13, 2013.	5/18/2013	2
			Next Sub Task Group meeting scheduled for November 5, 2013. Sub Task Group to agree on HMA specification and then create parallel specification for FDR and CIR.	1/30/2016	Δ 2

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
3	Cold In-Place Recycling	Evaluate existing pilot projects and develop standardized lab procedures for mix design, project design and construction guidance, and standard specifications for CIR.	2013 CIR pilot projects being constructed.	1/1/2010	44
			Review data from pilot projects constructed during 2013. Create workplan for revising LP-8 so that CIR has an engineered mix design process to move CIR from being an "art" to engineered approach.	12/31/2013	Δ 2
4	Fog Seal	Investigating Fog Seal/Rejuvenator materials for skid resistance issues and introducing as a strategy again	Chico State has evaluated 6 fog seals placed by "Materials in Place" contracts. Evaluation data is not sufficient and additional projects are necessary for evaluation.	1/1/2010	53
			Place additional "Materials in Place" this summer and fall and perform additional evaluations.	1/17/2014	Δ 4
5	Rubberized Slurry Seal	Develop an nSSP for Rubberized Slurry Seal, evaluate performance and determine if strategy is beneficial for use on projects.	Surface Seals Sub Task Group meeting held on June 21, 2013. Caltrans restated that a generic specification for rubberized slurry seals needs to be developed.	1/1/2010	32
			Industry proposed moving towards performance criteria for rubberized slurry seal and away from product specific specification. Next Surface Seals Sub Task Group meeting scheduled for December 2013.	7/15/2014	Δ -29

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
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6	Modified Binder Chip Seal (PM/TR)	Improve and expand the polymer modified chip seal spec to include terminal blend rubber	Section 92 completed and posted that includes both polymer and tire rubber modified binders. Draft specification has been modified to include revised screening gradations and rolling requirements to address surface roughness issues.	1/1/2010	79
			Working Group of the Surface Seals Sub Task Group meeting is scheduled for December 17, 2013 to review final standard special provision for modified binder.	3/15/2014	Δ 4
7	Scrub Seal	Develop specifications to use scrub seal as a preservation method.	Revised draft specification sent out for review and comments on October 29, 2013.	1/1/2010	60
			Next Surface Seals Sub Task Group meeting is scheduled for December 17, 2013 to discuss comments received and reach resolution of comments.	4/1/2014	Δ 15
8	Warm Mix Asphalt Rubber Chip Seal	Introduce WMA technology into asphalt rubber chip seal strategies.	Two pilot projects are awarded in D2.Pilot project on SR 36 near Red Bluff completed and the other on SR 44 near Lassen Park delayed until next season because of weather.	8/3/2010	24
			Monitor pilot projects during construction and evaluate using Construction Evaluation Workplan. Review scoping document for WMA Asphalt Rubber Chip Seals.	12/1/2015	Δ 3

Pavement Preservation Task Group					
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14	Quieter Concrete Pavement	To reduce noise generated by tire-pavement interaction on concrete pavements. Next Generation Concrete Surface (NGCS) grind and groove promises to reduce tire-pavement noise significantly.	UCPRC delayed delivery of final NGCS report and fourth year draft report due to laser problems and scheduling issues as a result of staff layoffs.	1/1/2010	97
			UCPRC to provide NGCS final report by November 30, 2013; and Fourth Year Rigid QPR draft report by December 31, 2013.	11/30/2013	Δ 3
16	Concrete Sealer/ Hardener	Reduce traffic related abrasion and chloride related deterioration of concrete pavement exposed to extreme conditions.	Developing test plan and nSSP's for hardener and shot blasting test sections. Reviewing revised task order submittal for 1st year data. Met with industry 9/17/13 to discuss CP2 testing and evaluation.	7/2/2012	32
			Develop test plan for test sections; coordinate pilot projects and testing for 2014 construction season. Review 1st year data.	6/30/2015	Δ 2
17	Concrete Pavement Joint Filler for Wide Joints	To ensure joint performance in concrete pavement wide joints, or when joints open wide due to temperature and moisture fluctuations and traffic loads, filler material for wide joints is needed to reestablish contact between joint walls of adjacent slabs.	Continued literature review on design and performance of wide joints.	9/15/2013	2
			Continue literature review and prepare summary of the findings.	12/31/2014	Δ 2

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Progress Past 3-Months**
18	Concrete Spall Repair (Authorized Materials List)	Develop specific standardized guidelines, specs, plans, and training for constructing partial depth spall repairs with alternative materials, including hot-applied polymer resin and polyurethane.	Approved scoping document.	8/26/2013	0
			Create CT work group to develop materials criteria.	10/4/2014	Δ 0