

Rock Products Committee Management Status Report Workplan Report for: Fiscal Year '12/13' to '13/14' (% Difference Δ from 9/30/2013 to 1/6/2014)					1/6/2014 8:45:23 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. Developed Smoothness Guidelines	7/1/2010	100
			Project Complete	12/31/2013	Δ 4
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. Solano is complete other than OGFC. Reviewed pilot projects and interviewed staff/contractors.	1/1/2010	90
			Develop a strategy for moving forward. Write task order for Fugro to perform 1 year field tests on D2 projects.	6/30/2014	Δ 8

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 December 19, 2013. The Superpave Sub Task Group has resolved 88 of 94 issues. Of the 6 issues remaining, 2 are CT 304, which does not apply to Superpave and 4 are open as we gather data.	7/23/2012	85
			The next Superpave meeting is January 27, 2014 where the proposed Superpave specification will be reviewed.	6/30/2014	Δ 14
15	RAP/RAS	Develop standard special provisions (SSPs) for allowing higher RAP usage and for allowing RAS usage.	Sub Task Group meeting held November 13, 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	58
			Next Sub Task Group meeting needs to be scheduled. Group continuing to work on binder replacement specification.	6/30/2014	Δ 6
18	Intelligent Compaction	Develop specification for using intelligent compaction as quality control for hot mix asphalt method compaction.	Sub Task Group meeting held December 9, 2013 and draft specification was discussed. The final draft specification to be used on pilot projects was sent to Sub task Group for one last review.	4/15/2013	17
			Next Sub Task Group meeting scheduled for January 10, 2014. Pilot project specification to be finalized	1/30/2015	Δ 7

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.	Sub Task Group meeting was held on November 6, 2013 where draft quality control specification was discussed.	8/5/2013	20
			Next Sub Task Group meeting will be scheduled for February 2014. Draft ARB QC specification to be discussed.	6/30/2014	Δ 8
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.	Sub Task Group had 2 meetings on September 4 and November 6, 2013.	8/5/2013	12
			Draft workplan discussed at 11/6 meeting and will be finalized. Phase 1 work is complete. Start phase 2 developing testing protocols and instructions for 2nd round robin test.	1/1/2015	Δ 10
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.	2/3/2014	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.	Training contracts approved for three 20-person classes in Northern CA and four 20-person classes in Southern CA. D4 pilot project – Pilot Project Pre-Bid Outreach occurred on December 11 th . D8, D11, and D6 pilot projects underway.	12/1/2010	80
				6/30/2014	Δ 5
11	Precast Concrete Pavement	Develop comprehensive departmental guidance or standard approach on the use of precast concrete pavement.	Revised specifications and construction details for PPCP and PISR were sent to the team on 12/23/13 for review as potential SSPs and associated standards plans. Deadline for comment is 1/17/14.	1/1/2010	90
				6/30/2014	Δ 5

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.	Most recent Project team meeting took place on December 20, 2013. Key deliverables for the coming months were discussed, including draft specifications. A teleconference was held on December 2, 2013 with section 73 specification owner to discuss specification changes. Climate Earth/Industry report finalized, which discussed carbon footprint savings for returned plastic concrete.	10/13/2011	80
			Monthly Sub Task Group Project team meetings to continue. Specification to be reviewed for Section 90-6 Recycled Concrete. Batch Plant certification requirements to be discussed in the months ahead.	6/30/2014	Δ 5

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.	Complete. Developed specification as NSSP for use on projects. Construction Manual will be updated after the spec moratorium is lifted.	7/19/2012	100
			Use NSSP on projects and revise if necessary prior to posting as SSP for use with 2015 specifications.	12/30/2013	Δ 38
12	Intelligent Compaction	Develop specification for using intelligent compaction as quality control for Full Depth Reclamation (FDR) and Cold In-place Recycling (CIR).	Sub Task Group meeting held on December 9, 2013.	5/18/2013	8
			Sub Task Group to review and comment on specification for FDR and CIR.	1/30/2016	Δ 3

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 projects constructed.	1/1/2010	44
			Review project data. Revise LP-8 so that CIR has an engineered mix design process.	7/30/2014	Δ 0
4	Fog Seal	Investigating Fog Seal/Rejuvenator materials for skid resistance issues and introducing as a strategy again	Chico State has evaluated 10 fog seals placed by "Materials in Place" contracts. Report being reviewed.	1/1/2010	58
			Complete review of report, review and approve SSP, and complete Issue Memo.	3/30/2014	Δ5
5	Rubberized Slurry Seal	Develop a 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 December 17, 2013. Industry wants to work towards a performance specification.	1/1/2010	32
			Industry moving towards performance criteria for rubberized slurry seal and away from product specific specification. Next Surface Seals Sub Task Group meeting scheduled for January 31, 2014.	7/15/2014	Δ 0

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)	Move NSSP to SSP for modified binder seal coat which includes polymer and terminal blend tire rubber binders	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
			Provide revised draft Modified Binder Seal Coat specification to Surface Seals Sub Task Group for review and comments.	4/15/2014	Δ 4
7	Scrub Seal	Develop NSSP specification to use scrub seal as a preservation method.	Industry comments received at December 17, 2013 Surface Seals Sub Task Group meeting on NSSP.	1/1/2010	60
			Caltrans to respond to comments prior to next Surface Seals Sub Task Group meeting scheduled for January 31, 2014.	4/1/2014	Δ 14
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 Work Plan. Review scoping document for WMA Asphalt Rubber Chip Seals.	1/30/2015	Δ 3

Pavement Preservation Task Group					
Project Number	Project	Purpose	Overall Progress	Start Date	Percent Complete
			Activities Planned	Target Completion Date	Percent Progress Past 3-Months
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 submitted final NGCS draft report on Dec 17. Pavement Program is awaiting status update on the fourth year draft report.	1/1/2010	98
			Pavement Program to review NGCS draft report and provide comments by Jan 31. UCPRC to deliver fourth year draft report by Jan 31.	3/31/2014	Δ 3
16	Concrete Sealer/ Hardener	Reduce traffic related abrasion and chloride related deterioration of concrete pavement exposed to extreme conditions.	Second year data collected. Awaiting submittal.	7/2/2012	33
			Coordinate pilot projects and testing for 2014 construction season. Work with D3 to develop PIF and CEWP.	6/30/2015	Δ 3
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 standards of wide joints.	9/15/2013	5
			Continue literature review with emphasis on joint filler properties and performance standards.	12/31/2014	Δ 4

Pavement Preservation Task Group					
Project Number	Project	Purpose	Overall Progress	Start Date	Percent Complete
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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.	METS is distributing materials survey to district bridge and highway maintenance personnel. Gather materials survey and manufacturer data.	8/26/2013	15
				12/31/2014	Δ 15
19	CRCP Punchout Repair	Develop standard plans and specs to repair punchouts when they occur in CRCP. Assure that repair of punchouts will meet the intended purpose for preserving the design life of the CRCP.	Scoping document was approved Nov 18, 2013. Draft standard plan drawing and SSP was sent to HQ OE and Construction for their first review. Respond to review/comments received and reach resolution of comments.	11/18/2013	19
				7/30/2014	Δ 19