	Rock Products Committee Management Status Report Workplan Report for: Fiscal Year '14/15' to '15/16' (% Difference from 6/2/2015 to 9/3/2015)				9/3/2015 8:49:12 AM
Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
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	12/31/2015	Δ 0
18	Intelligent Compaction	Develop specification for using intelligent compaction as quality control for hot mix asphalt method compaction.	Three pilot projects have been completed and bid opening has occurred on fifteen additional pilot projects. Veda software workshop held May 28, 2015 to discuss revisions to Veda software. Veda 3.0 was released on June 5, 2015. Sub Task Group meeting held on August 24, 2015.	4/15/2013	48
			Provide assistance and monitor on going pilot projects.	12/31/2015	Δ 4
20	Asphalt Rubber Binder Quality Control	Identify specification contractor quality control requirements for asphalt rubber binder.	Final meeting held on August 15, 2014. Section 37 and 39 ARQC final draft specification were completed. Section 39 ARQC was posted on October 17, 2014. Section 37 ARQC will be included in 2015 Standard Specifications.	8/5/2013	99
			Industry is collecting data to justify modifying acceptance viscosity range for asphalt rubber binder based on reheating samples.	12/31/2015	Δ 1

Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
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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.	Industry received preliminary data from the second round robin tests. Industry is analyzing the data and will present the findings in a couple of months. Co-Chairs met to discuss the status of the second round robin tests.	8/5/2013	42
			No Sub Task Group meetings are scheduled until the data from the second round robin tests are analyzed.	6/30/2016	Δ 6
23	Section 39 Hot Mix Asphalt Specification	Address issues arising from the transition from the Hveem method of HMA design to the Superpave method of HMA mix design and converting from CTMs to National Standard test methods such as AASHTO and ASTM.	Resolving issues as they are being brought up by industry.	8/5/2014	92
			Address issues arising from the transition from the Hveem method of HMA design to the Superpave method of HMA mix design and converting from CTMs to National Standard test methods such as AASHTO and ASTM.	12/31/2015	Δ 6
24	Hot Mix Asphalt Low Volume (HMA-LV)	Address the issue of HMA Type B which was eliminated from the Standard Specifications with the implementation of Superpave.	Customized Section 39 for 3 scenarios expected by Local Agencies using Section 39. Local Agencies/Industry taking the lead with Caltrans providing support. This Subtask Group has been suspended until further notice from RPC.	8/5/2014	30
			Revised scoping document under consideration of the RPC Co-chairs. No Sub Task Group meetings are scheduled.	12/31/2015	Δ 0

Asphalt Task Group					
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25	Asphalt Binder Crumb Rubber Verification	Accurate verification of crumb rubber content in asphalt binders will support Caltrans in its accounting and reporting requirements associated with the use of crumb rubber in pavements.	Sub Task Group met on March 9, 2015. Final documents for approved Suppliers program and weights and measures criteria to be included in the MPQP tasks were provided to sub task group Implementation of new requirements will be effective July 1, 2016.	7/1/2014	80
			Caltrans to finalize requirement documents and specifications. No Sub Task Group meeting is scheduled but will provide an update at the next PGAR Sub Task Group meeting.	6/30/2016	Δ 0
26	Section 39 QC/QA Specifications	Caltrans and Industry want to continue the use QC/QA specifications with the Section 39 specifications.	Sub Task Group meetings continue to be held to discuss QC/QA specifications to evaluate the quality characteristics.	10/30/2014	15
			Develop QC/QA specifications for the new Section 39 (Superpave) specifications.	3/31/2017	Δ 5
27	Use of Automatic Vacuum Sealing Method to Determine Density of HMA Pavement Core Specimens	Caltrans uses CT-308A method, more commonly known as the "Weigh, Wax, Weigh" method to determine the density of hot mix asphalt (HMA) pavement cores.	The project scoping document was signed but the sub-task group chairs have not been established. Due to work load not much progress has been made on this project.	7/10/2015	0
				3/30/2016	Δ 0

Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
28	Reclaimed Asphalt Pavement in Rubberized Hot Mix Asphalt	Increase the use of RAP by Caltrans to support sustainable pavements.	The project scoping document has been approved. The co-chairs for the sub-task group will have to be appointed.	7/10/2015	0
				1/30/2017	Δ 0
29	Temporary Transverse Joint Tapers	Ensure temporary tapers are constructed and maintained in a consistent manner across the State and that temporary tapers not create an unreasonable level of discomfort to the travelling public or damage to goods being transported.	Project initiated.	8/17/2015	0
					Δ 0

Concrete Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
5	QC/QA Spec for Cast-in-Place Concrete	Implement QA specifications for materials management of structural concrete.	The Sub Task Group has completed their work on this project and submitted the final specification.	12/1/2010	95
			Implementation is being discusses by the Division of Engineering Services. QC/QA Construction Guidance Document and DIME training material to be finalized in coming months.	6/30/2015	Δ 0
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.	Specification has been implemented as a Non-Standard Special Provision (NSSP) which is being included in projects.	10/13/2011	99
			Specification to be posted as a standard specification when the specification moratorium is lifted later this year.	8/30/2015	Δ 0
26	Flexural Beam Testing Requirements in Section 40	Address issues with California Test 523 certification and accreditation.	Completed work and submitted final report to Material QA STG and CICP STG for further action.	8/5/2014	99
			Submit final report to the Task Group.	9/30/2015	Δ 9

Concrete Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
27	Update Precast Stress Jack Requirements in Specifications	Address issues with equipment and calibration used in Precast Concrete manufacturing plants.	The Sub Task Group has completed their work on this project and submitted the final specification to the Task Group.	8/5/2014	97
			Task Group approval of the specification. Submit specification for structures specifications review and then mandatory stakeholder's concurrence.	12/30/2015	Δ 2
28	Shotcrete Specification Requirements in Section 53	Address issues with Section 53 and Section 90 having two different grading requirements for pea gravel and the impact on the quality of shotcrete.	The Sub Task Group has completed their work on this project and submitted the final specification to the Task Group.	8/5/2014	95
			Task Group approval of the specification. Submit specification for structures specifications review and then mandatory stakeholder's concurrence.	12/30/2015	Δ 2
29	Quality Assurance of Dowel Bar Placement	Propose improvements to both quality control and acceptance/verification methods for determining bar placement based on current industry and national practices, while ensuring design assumptions and pavement performance.	Draft final report is complete.	8/12/2014	64
			Respond to comments from Task Group.	12/30/2015	Δ 10

Pavement Foundation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
12	Intelligent Compaction	Develop specification for using intelligent compaction as quality control for Full Depth Reclamation (FDR) and Cold In-place Recycling (CIR).	Four pilot projects have completed CIR work. Thirteen addition pilot projects will be constructed in 2015. Veda software workshop held May 28, 2015 for release 3.0 to discuss revisions to Veda software and daily compaction quality control reports. Sub Task Group meeting held on August 24, 2015.	5/18/2013	44
			Provide assistance and monitoring of the thirteen on-going pilot projects.	6/30/2016	Δ 0
13	Subbase and Base QA Requirements	Update specs that establishes QA requirements for Sec 24-29. Ensure responsibilities for QC sampling and testing performed by the contractor and acceptance testing performed by the Department. Improve consistency between specs.	Final set of drafts circulated for review to team members.	6/19/2014	64
			Developed final drafts for all sections from 23 through 30 by resolving any issues in next meeting on 9/5/2015.	12/30/2015	Δ 30
14	Intelligent Compaction for Soils and Aggregate Bases	Apply intelligent compaction for soils and aggregate base.	Project initiated.	8/17/2015	0
					Δ 0

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete 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.	Pilot projects continuing using NSSP. CIR Working Group meeting on smoothness held on July 9, 2015 where holding a smoothness workshop was discussed.	1/1/2010	60
			Pavement Smoothness Technology Forum to be held on September 28, 2015. Next CIR Sub Task Group meeting to be focused on CIR mix design and specification.	6/30/2015	Δ 0
4	Fog Seal	Investigating Fog Seal/Rejuvenator materials for skid resistance issues and introducing as a strategy again	Work on new testing equipment for California Test 342 is continuing by METS.	1/1/2010	69
			Activities suspended until plans for new testing equipment used for California Test 342 are available for Caltrans, testing firms and contractors.	12/30/2015	Δ 0
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 September 12, 2014. Industry presented proposed specification and submitted it to Caltrans.	1/1/2010	50
			Currently on hold until technical rewrite of Section 37 is completed.	3/30/2016	Δ 0

Pavement Preservation Task Group					
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			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
6	Modified Binder Chip Seal (PM/TR)	Improve the polymer modified / terminal blend rubber chip seal spec to a standard special provision.	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	86
			Currently on hold until technical rewrite of Section 37 is completed.	12/30/2015	Δ 0
8	Warm Mix Asphalt Rubber Chip Seal	Introduce WMA technology into hot-applied rubberized asphalt binder chip seals.	Pilot project on SR 36 near Red Bluff, pilot project on SR 44 near Lassen Park and pilot project on SR 95 near Needles are all completed. One-year field evaluation of SR 36 completed. Construction reports for SR 44 and SR 95 projects developed.	8/3/2010	55
			Continue to study the constructed pilot projects and look for additional pilot projects.	6/30/2016	Δ 0
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.	Submitted comments and revisions/edits to UCPRC on August 3, 2015.	1/1/2010	99
			UCPRC to publish and submit final report.	9/30/2015	Δ 0

Pavement Preservation Task Group					
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16	Concrete Sealer/ Hardener	Reduce traffic related abrasion and chloride related deterioration of concrete pavement exposed to extreme conditions.	03-4M8404 NEV-80 test section construction complete. CP2 performing additional lab abrasion testing.	7/2/2012	54
			Support D3 with 03-4M8404 NEV-80 pilot project. Develop field test plan.	6/30/2016	Δ 6
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.	Compiled a summary of test procedures and specs for filler materials used by TxDOT and other state DOTs. Submitted these procedures to METS for decision regarding development of new test methods or adoption of methods used in other states.	9/15/2013	43
			METS to review TxDOT and other state DOTs test procedures and specs to determine whether to develop new test methods or adopt existing test methods and specs used in other states.	12/31/2015	Δ 0
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, polyurethane, and epoxies.	METS has developed draft criteria and a material list for fast-setting concrete. Met with METS to discuss materials properties and testing issues.	8/26/2013	63
			Develop decision document. Work with METS to develop interim criteria for cementitious and polymeric materials. Develop task order for additional testing and evaluation.	6/30/2016	Δ 0

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
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20	2015 Section 37 Technical Update	Update Standard Specifications section 37 to include current terminology, practice and industry standards.	Sub Task Group Meetings continue along with smaller working group meetings. All the items identified by Industry and Caltrans have been addressed by the small working group.	8/5/2014	75
			Waiting for comments from the review of the final draft by to the larger group.	12/31/2015	Δ 0
21	Cold In-Place Recycling Using Foamed Asphalt	Develop specification for cold in-place recycling using foamed asphalt.	Industry and Caltrans identified smoothness requirement as a top priority and working on resolving that issue. No meeting has been held on the CIR-FA Sub Task Group. Draft specification language is being reviewed.	8/5/2014	14
			CIR Sub Task Group meeting is to be scheduled in September 2015 to work on the draft specification.	6/30/2016	Δ 0