	Rock Products Committee Management Status Report Work Plan Report for: Fiscal Year '14/15' to '15/16' (% Difference from 3/3/2015 to 6/2/2015)				6/2/2015 8:26:46 AM
Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
11	Longer Life Flexible Pavements	Design and build longer life flexible pavements in California to minimize the needs for future structural improvement or rehabilitation.	Project Complete.	12/30/2014	100
15	RAP/RAS	Develop a standard special provisions (SSPs) for allowing higher RAP usage and for allowing RAS usage.	Project Complete.	12/30/2014	100
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

Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
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 for release 3.0 to discuss revisions to Veda software and daily compaction quality control reports.	4/15/2013	44
			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.	9/1/2015	Δ 0
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 met on August 15, 2014. Draft final experimental design sent to the group for review. Second round robin test samples were sent out in February 2015.	8/5/2013	36
			Collect test results from second round robin tests by April 2015. No Sub Task Group meetings are scheduled.	3/31/2016	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**
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.	6/30/2015	Δ 32
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.	8/5/2014	40
			Sub Task Group next meeting June 2015.	12/31/2015	Δ 10
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 11

Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
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 specification quality characteristics.	10/30/2014	10
			Develop QC/QA specifications for the new Section 39 (Superpave) specifications.	3/31/2017	Δ 5

Concrete Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
11	Precast Concrete Pavement	Develop comprehensive departmental guidance or standard approach on the use of precast concrete pavement.	Project Complete.	4/30/2015	100
5	QC/QA Spec for Cast-in-Place Concrete	Implement QA specifications for materials management of structural concrete.	D4, D8, D6 and D11 pilot projects underway. Interim lessons learned report completed.	12/1/2010	95
			Specification to be updated and finalized in February 2015. Specification was routed for approval in November. Will be implemented into all projects after March 2015. QC/QA 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 finalized as of Fall 2014. Updated MPQP document capturing changes posted in May 2015.	10/13/2011	99
			Specification routed as an NSSP in January 2015	5/30/2015	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**
26	Flexural Beam Testing Requirements in Section 40	Address issues with California Test 523 certification and accreditation.	Sub Task Group meeting held on March 10, 2015 and agreed to use standard cured 28-day flexural strength with third point loading and defer to new scope of work to determine acceptance test strength.	8/5/2014	90
			Once all comments are received, reviewed and adequately addressed, the Sub Task Group will formalize the report and submit its recommendations to the Task Group.	6/30/2015	Δ 12
27	Update Precast Stress Jack Requirements in Specifications	Address issues with equipment and calibration used in Precast Concrete manufacturing plants.	Sub Task Group met on May 21, 2015 to discuss final draft of the specification.	8/5/2014	95
			Sub task group will continue to be available to discuss any questions received from the Task Group or RPC.	6/30/2015	Δ 45
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.	A draft specification has been completed and there is only one remaining issue to resolve.	8/5/2014	85
			Sub Task Group will continue to coordinate via teleconference and email until the water demand language is adequately addressed. The group will formalize and submit recommendations to the task group.	6/30/2015	Δ 35

Concrete Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
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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.	Shadow testing on 3 construction projects has been performed and the report is complete	8/12/2014	54
			Hold first Sub Task Group meeting. Review acceptance requirements for dowel and tie bar placement.	7/30/2015	Δ 34

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.	5/18/2013	44
			Provide assistance and monitoring of the thirteen on going pilot projects.	1/30/2016	Δ 13
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.	Received Industry's completed action items and review of 2nd draft comments of sections 25 & 26 on 3/2. Waiting on industry's comments on sections 27 & 28, due ASAP. STG meeting on March 26.	6/19/2014	32
			Resolve Caltrans and industry's comments of sections 25 to 28. Next meeting in June.	11/30/2015	Δ 8

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete Past 3-Months**
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.	Project Complete.	2/27/2015	100
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.	CIR Sub Task Group meeting held in March 2015 to discuss CIR mix design and specification. CIR Sub Task Group meeting held on April 7, 2015 and May 5, 2015 to discuss CIR smoothness.	1/1/2010	60
			Next CIR Sub Task Group meeting to be held in June 2015 to discuss CIR smoothness	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.	9/30/2015	Δ 0

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
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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.	8/30/2015	Δ 0
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.	6/30/2015	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.	1/1/2016	Δ 15

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Start Date**	**Percent Complete**
			Activities Planned	**Target Completion Date**	**Percent Complete 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.	Submitted review comments to UCPRC on October 22, 2014.	1/1/2010	99
			UCPRC to revise draft report and submit final report.	6/30/2015	Δ 0
16	Concrete Sealer/ Hardener	Reduce traffic related abrasion and chloride related deterioration of concrete pavement exposed to extreme conditions.	Draft task order/ test plan developed. Some abrasion testing on original test section cores complete.	7/2/2012	48
			Coordinating with D3 for 03-4M8404 NEV-80 pilot project. Developing abrasion lab study. Awaiting 3rd year APCS data submittal.	6/30/2016	Δ 0
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.	12/31/2014	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**
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. Developing fact sheet.	8/26/2013	63
			Work with METS to develop criteria for cementitious and polymeric materials.	6/30/2016	Δ 5
20	2015 Section 37 Technical Update	Update Standard Specifications section 37 to include current terminology, practice and industry standards.	Sub Task Group Meetings held in March and April 2015. Industry has identified 26 issues for Section 37-2 and 46 issues with Section 37-3. Caltrans has also proposed some changes.	8/5/2014	60
			Next Sub Task Group meeting scheduled for May 2015 where Caltrans will present draft revised Section 37 which would contain all items brought forward by industry and Caltrans to date.	6/30/2015	Δ 8
21	Cold In-Place Recycling Using Foamed Asphalt	Develop specification for cold in-place recycling using foamed asphalt.	CIR Sub Task Group meeting held in March 2015 to discuss CIR mix design and specification. CIR Sub Task Group meeting held on April 7, 2015 and May 5, 2015 to discuss CIR smoothness.	8/5/2014	14
			Next CIR Sub Task Group meeting to be held in June 2015 to discuss CIR smoothness	9/30/2015	Δ 0