	Rock Products Committee Management Status Report Workplan Report for: Fiscal Year '10/11' to '11/12'				7/13/2011 12:55:45 PM
Asphalt Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Target Completion Date**	**Percent Complete**
1	2010 Specifications (Plain Language)	Develop plain language specifications for construction with focus on HMA and asphalt binder specifications.	Project Complete.	7/13/2011	100
2	Warm Mix Asphalt	Develop a specification and testing protocol to correctly implement the use of WMA technology in California.	Completed WMA Approval Process. Developing Contractor Option Specifications and identifying projects for monitoring and evaluating.	3/16/2012	35
3	HMA Materials Test Methods	Revise test methods for HMA as specifications have been revised.	Of 31 CTMs reviewed, 21 posted to CT web; 8 tech work completed and need format; 1 (CT 371) under review; 1 (CT 205) still has issue.	9/30/2011	95
4	Section 39	The purpose of the standing committee on Section 39 subtask group is to identify, prioritize, address deficiencies, and improve Section 39 specification on an ongoing basis.	Resolved 11 of 19 1st priority issues. (Total 30 issues, 6 - 2nd priority; 5 - 3rd priority)	10/31/2012	35
5	Moisture Sensitivity of HMA	Identify an effective test to evaluate moisture sensitivity of HMA and the treatment alternatives for mositure sensitive HMA	Sub Task Group completed evaluation of alternative tests and presented results at 2/28/11 meeting. Revised work plan developed. Tech memo recommending a test (Hamburg Wheel Tracking Device) has been drafted and presented at 6/8/11 MSHMATG meeting.	6/30/2012	60

6	RHMA Usage	Evaluate Rubberized HMA (RHMA) performance and improve specifications, mix design requirements, and construction as appropriate.	Work plan updated. CT 368 Part 1 effort completed.	6/30/2012	30
7	Section 39 Smoothness (Short Term)	Revise Smoothness specifications in Section 39 since the current version does not consider existing pavement conditions for thin lift paving.	Industry reviewing CPD. Specification completed and submitted to HQ Office Engineer.	7/29/2011	99
8	Section 39 Smoothness (Long Term)	Develop revised specs for pavement smoothness using the inertial profiler.	Gathering certification and calibration procedures from other States. Incoporated NSSP for evaluation on two projects scheduled for 2012 construction season.	3/1/2013	35
9	Quieter Flexible Pavement	To reduce tire noise and improve permeability and durabiility of OGFC mix designs.	Laboratory evaluation was performed on 3 OGFC mixes. HVS testing and evaluting is underway at UC Davis.	6/30/2012	30
10	Safety Edge (Asphalt)	Develop statewide policy for the use of the "safety edge" on edge drop offs for asphalt pavements.	The first State project on 06-Ker-43, for 24 lane-mile was completed. 02-The-99 under construction. Completed internal review of spec and plans 7/6/11.	12/30/2011	70
11	Longer Life Flexible Pavements	Design and build longer life flexible pavements in California to miminize the needs for future structural improvement or rehabilitation.	Selected and designed 3 (Red Bluff, Weed & Willits) long life flexible pavement projects in northern California.	6/30/2013	55
12	Materials Plant Quality Program (MPQP) RHMA	Find a means of better controlling construction process by requesting materials records at plant during hot mix asphalt production.	Waiting for industry comments. Industry scheduling rubber producing plant visits for Caltrans staff to observe operations.	9/30/2011	65

Concrete Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Target Completion Date**	**Percent Complete**
1	Add Water at Job-Site	Spec Change to define circumstance when it is appropriate to add water (within mix design parameters) to batched concrete at the job-site	Project Complete.	7/13/2011	100
2	2010 Plain Language Update	Convert existing specifications to “Plain Language” format.	Project Complete.	7/13/2011	100
3	Evaluate the need for CT 515	Evaluate the need for CT 515 and eliminate if no longer necessary. Provide changes to specifications where appropriate.	Project Complete.	7/13/2011	100
4	Compressive Strength of Structural Concrete	Current specifications do not require submission of compressive strength data for structural concrete unless it is greater than 3600 psi. A minor revision to Section 90 is necessary to address this issue	Project Complete.	7/13/2011	100
7	Revise QPL/AML Process for Cement and SCMs	Update Cementitious Material Sampling process from sources.	Project Complete.	7/13/2011	100
5	QC/QA Spec for Cast-in-Place Concrete	Implement performance-based specifications for materials management of structural concrete.	FHWA/DOT practices report complete. QC outline report final draft. QA guidelines discussed. Preliminary project list selected. IA project team formed. Spec in progress.	7/1/2012	40

6	Precast QC/QA Provisions	Update spec to add additional levels (e.g. minor non-structural) of QC/QA for precast.	Scoping document approved by Precast STG on 6/17/11. Waiting for approval by Concrete TG.	7/1/2012	20
8	Section 90 on Concrete of 4000 psi or Greater	Section 90 caps cement. Industry concerned about caps effect on projects.	Industry reworking scoping document. Target date July 14, 2011.	12/30/2011	5
9	Statewide Aggregate Source Database	Database for Statewide consistency in aggregate source testing. Centralized database.	Schema data/results extracted ASTM's. Tabulating schema/developing code.	7/1/2012	35
10	Elimination of Mock-Up Requirement for SCC Precast Option	Eliminate Mock-up requirement when SCC is used for precast.	Scoping Document/Work Plan approved by STG on 6/17/11. Project is 2nd highest priority.	1/1/2012	25
11	Precast Concrete Pavement	Develop comprehensive departmental guidance or standard approach on the use of precast concrete pavement.	Draft NSSP for Precast Prestressed Concrete Pavement (PPCP) was Finalized. Working on PCCP std. details.	11/30/2012	15
12	Section 40 Technical Changes	To revise Section 40.	Portion of comments were addressed in 7/7/11 meeting. Scheduled another meeting for 7/28/11.	9/30/2011	40
13	Coefficient of Thermal Expansion (CoTE)	To include CoTE as a design and construction criteria for concrete pavements	The proposed spec change was agreed in 6/9/11 meeting.	12/30/2012	20
14	Safety Edge (Concrete)	Implement "safety edge" for rigid pavements.	Comments on spec and plans are being reviewed.	12/30/2011	30
15	CRCP Design Details	Prepare and improve CRCP std. plans.	New construction joint language to be discussed on 7/28/11 meeting.	10/1/2011	85
16	Rapid Strength Concrete for JPCP	Prepare specification for use of rapid strength concrete (RSC) for new construction of jointed plain concrete pavement (JPCP)	A draft spec for JPCP using RSC is under review.	12/16/2011	20

17	Fully Pervious Concrete Pavement	Develop specifications for a fully pervious conc pavement for low-risk applications (e.g., parking lots, bike paths).	June 30 meeting of project task group established schedule with intermitent milestones. Revised completion date is 1/12	12/31/2011	25
18	Bond Breaker	Investigate different alternatives available not to bond concrete pavement and LCB.	Experimental tests were performed during the week of May 16 in Fresno. Trial materials selected. Scheduled to be constructed in July, 2011	12/30/2012	15
19	Smoothness	Implement application of inertial profiler for smoothness specifications.	Incorporated comments on the spec. Ready to be discussed in CIP STG meeting.	12/31/2012	30
20	Update Construction Manual	Update Construction Manual to conform to changes made to Sections 6, 9, 11, 40, 49, 51, 53, 72, 73, 83, and 90 of the 2010 Standard Specifications.	Subject matter experts creating workplans and drafts for section 4 subsections.	7/1/2012	10

Pavement Foundation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Target Completion Date**	**Percent Complete**
1	2010 Specifications (Plain Language)	Convert existing specifications to “Plain Language” format.	Project Complete.	7/13/2011	100
2	Cement Treated Subbase (CTS)	Provide soil treatment as an alternative to bases.	STG meeting was held on 6/22/11. Draft guide from UCPRC was reviewed and comments forwarded to D. Jones (more are coming). A separate, consolidated design guide is needed (similar to FDR-FA).	1/1/2012	50
3	Full Depth Reclamation Using Foamed Asphalt	Develop design/construction Guidelines or Test Methods/Laboratory Procedures to facilitate implementation of FDR-FA in Caltrans projects.	Meeting on June 24 yields positive response from industry on contractor-performed mix design. Next subtask group meeting July 20.	11/30/2011	70
4	Full Depth Reclamation with 2% Portland Cement (Pulv)	Develop a standard special provision (SSP) for pulverized flexible pavement. Update existing guidance to include additives (cementitious material and lime). Create test procedures.	Piloting nSSP in projects this summer (02-SIS-161-4.5/7.0 3E0404 Awd: 6-9-11); 02-PLU, LAS 147; PM 9.1/9.9,0.0/0.5, 1.1/1.8 3E0504 Awd: 5-5-11; 01-HUM-96; PM 0.62 459404 Awd: 12-10 weather) Meeting was held on May 24.	10/31/2012	40

Pavement Preservation Task Group					
Project Number	**Project**	**Purpose**	**Overall Progress**	**Target Completion Date**	**Percent Complete**
1	2010 Specification (Plain Language)	Convert existing specifications to “Plain Language” format.	Project Complete.	7/13/2011	95
2	Hot In-Place Recycling (HIR)	Create Specifications for HIR	Evaluation report to be completed in July 2011. Preliminary findings conclude that the strategy had minimum success.	8/1/2011	90
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.	Sub Task Group met on May 13, 2011 to begin review and update of work plan. Identify projects for review & monitoring to update nSSP	7/1/2013	0
4	Fog Seal	Investigating Fog Seal/Rejuvenator materials for skid resistance issues and introducing as a strategy again	Reviewing test data to revise specification language.	12/1/2013	65
5	Rubberized Slurry Seal	Develop a nSSP for Rubberized Slurry Seal, evaluate performance and determine if strategey is beneficial for use on projects.	District-11 pilot project constructed and being evaluated.	8/1/2013	25
6	Polymer Modified Chip Seal (PM/TR)	Improve and expand the polymer modified chip seal spec to include terminal blend rubber	Sub Task Group to evaluate and update work plan.	12/31/2011	30
7	Scrub Seal	Develop specifications to use scrub seal as a preservation method.	Draft NSSP to be reviewed by Caltrans.	9/3/2013	5

8	Warm Mix Asphalt Rubber Chip Seal	Introduce WMA technology into asphalt rubber chip seal strategies.	Project selected in District-7 and reviewing contractor proposal.	12/1/2012	20
9	Joint Sealing	Assure that the state funds are used in the most efficient manner possible over the life of the pavement.	6/2/11 meeting to discuss issues to be accomplished in nine month period. Updating work plan. Next meeting for August 2011.	4/30/2012	15
10	Partial Depth Concrete (Spall) Repair	Standard plans and specifications for partial depth (spall) repair.	Beginning this month (July, 2011)	5/25/2012	0
11	Full Depth Concrete Repair (Slab Replacement)	Provide consistency in the specifications and plans used throughout the State.	Consultant has finished draft slab replacement guide. Interim nSSP drafted 5-5-11. HQ-Construction reviewing nSSP. Guide/ spec comparison analysis underway, target completion 7/15/11 for circulation to subtask group.	12/31/2011	45
12	Chip Seal Just In Time Training (JITT)	Train CT and contractor personnel on Chip Seal construction.	Construction to perform review of module.	8/31/2011	75
13	Micro-Surfacing JITT	Train CT and contractor personnel on micro-surfacing construction	Construction to perform review of module.	8/31/2011	75
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.	A revised draft nSSP was distributed to D3, 10 & 11 for comments and inclusion into pilot projects bid documents. A trial test done in D11 & Sac I-5 started. NGCS pilot projects posted on Pavement website in June 2011.Final draft nSSP will soon be posted	12/31/2012	35