

ROCK PRODUCTS COMMITTEE

WORK PLAN STATUS

June 8, 2011

"Plan the Work

Work the Plan"

Contents

Status Meeting Calendar
Asphalt Task Group Projects
Concrete Task Group Projects
Pavement Foundations Task Group Projects
Pavement Preservation Task Group Projects

"Caltrans, Industry and FHWA Working Together"

DEPARTMENT OF TRANSPORTATION

2011

JAN

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEB

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MAR

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APR

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUN

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JUL

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUG

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPT

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCT

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOV

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DEC

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JAN 2012

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

ROCK PRODUCTS COMMITTEE / PAVEMENT PROGRAM STATUS CALENDAR

Status Calendar Legend

Monthly Pavement Management Council (PMC) Status Meeting

Quarterly PMC Status Meeting with Asst. Division Chiefs

Last Day for Monthly Status Document Update

Status Document Prep, Repro and Distribution

State Holidays

Quarterly Rock Products Committee (RPC) Meeting

Pavement Program Steering Committee (PPSC) Meeting

*All status meetings will be held from 9:00 to 11:00 AM.

Pavement Program Project Management Monthly Report

Project Warm Mix Asphalt

Task	Asphalt	Subtask	Warm Mix Asphalt
Target Completion Date	1/1/2012	Priority	2
Status	Active	Progress	35.6 %
Purpose	Develop a specification and testing protocol to correctly implement the use of WMA technology in California.		
Overall	Completed WMA Approval Process. Developing Contractor Option Specifications and identifying projects for monitoring and evaluating.		
Project Lead	Cathrina Barros	Office	Roadway Materials
Phone	227-7162	E-FIS Project Number	
E-FIS Subtask Number		Status	

Purpose Develop a specification and testing protocol to correctly implement the use of WMA technology in California.

Overall Completed WMA Approval Process. Developing Contractor Option Specifications and identifying projects for monitoring and evaluating.

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	E-FIS Project Number	Status
# 1 Approval of WMA Technology Process	Asphalt	6/30/2009	3/18/2011	100	100	Approved 3/18/11	
# 2 Testing Requirements for WMA	Asphalt	9/1/2010	1/30/2012	20	55	Evaluate Hamburg	
# 3 Training	Asphalt	5/10/2011	7/13/2011	8	35	Performed in D12. Ongoing	
# 4 Contractor Option NSSP	Asphalt	9/1/2010	1/30/2012	50	55	Reviewing Industry Comments	
# 5 Construction Policy Bulletin	HQ Constr	1/30/2012	3/16/2012	0	0	Pending final approval of Contractor Option NSSP	
# 6					0		
# 7				0	0		
# 8				0	0		

Log 12/3/2010 - draft dispute resolution document developed (WMA in mix design)
 10/31/2010 - Developed draft approval process.
 5/13/11 - Status Update, PJV

Project HMA Materials Test Methods

Task	Asphalt	Subtask	Specifications
Target Completion Date	9/30/2011	Priority	3
Status	Active	Progress	95.2 %
Rock Products Committee		YES	

Purpose Revise test methods for HMA as specifications have been revised.

Overall Of 31 CTMs reviewed, 14 posted to CT web; 6 tech work and format completed but not post to CT web yet; 8 tech work completed and need format; 1 (CT 371) under review; 1 (CT 205) still has issue; 1 (CT 209) has typo to fix.

Project Lead	Nahid Hosseinzadeh	Office	Roadway Materials	Phone	227-7322	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 CT 105, 125, 201, 202, 204, 211, 212, 214, 226, 234, 235, 308, 309, 368	Mets	5/8/2008	12/1/2010	100	100	Posted to CT web			
# 2 CT 103, 104, 216, 217, 304, 367	Mets	5/8/2008	6/30/2011	95	95	Tech work and format completed; not posted to CT web yet			
# 3 CT 206, 207, 208, 227, 366, 370, 379, 382	Mets	5/8/2008	9/30/2011	90	90	Tech work completed; to be formatted and posted to CT web			
# 4 CT 371	Mets	5/8/2008	8/31/2011	80	90	Under review			
# 5 CT 205	Mets	5/8/2008	6/30/2011	95	95	Posted to CT web; but still there are issues. Position papers to develop by 5/21/11			
# 6 CT 209	Materials	5/8/2008	6/30/2011	95	95	Posted to CT web; but need to revise due to typo			
# 7				0	0				
# 8				0	0				

Log Three ETGs have been working on revising HMA and aggregate materials related test methods since May 8, 2008. Many meetings were held jointly with industry and CT representatives. A work plan was developed for revising CT 368. The lab work is expected to be conducted by UCPRC. Tech work on Test Methods nearly completed as of 12/2010
5/13/11 - Status Update, PV

Project Moisture Sensitivity of HMA

Task Asphalt **Subtask** Moisture Sensitivity
Target Completion Date 12/31/2013 **Priority** 4 **Status** Active **Progress** 37 % **Rock Products Committee** YES

Purpose Identify an effective test to evaluate moisture sensitivity of HMA and the treatment alternatives for moisture sensitive HMA

Overall Sub Task Group completed evaluation of alternative tests and presented results at 2/28/11 meeting. Revised work plan developed and reviewed by "small group". Tech memo recommending a test is being drafted.

Project Lead	Haiping Zhou	Office	Asphalt Pavement		Phone	274-6022	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status				
# 1 Evaluate CT 371 & Alternate Test Methods	Asphalt	9/1/2007	8/31/2011	90	95	Finalizing 371 data report. Alternate tests found Hamburg results most consistent.				
# 2 Recommend a test for determining MS mixes	Asphalt	10/1/2010	9/30/2011	25	65	Tech memo is being drafted to propose a test based on CT 371 evaluation results and states experience				
# 3 Develop an Implementation Plan	Asphalt	7/1/2011	9/30/2012	0	0	To be developed				
# 4				0	0					
# 5				0	0					
# 6				0	0					
# 7				0	0					
# 8				0	0					

Log Numerous meetings were held on this topic. Recent activities are focused on evaluating alternative tests to examine HMA's resistance to moisture damage.

On hold till Management decide what to do?

7/2/2010 - work plan developed to evaluate CT 371 & alternative tests.

12/2010 - work plan (based on the existing scoping document) was developed. It needs CT/Industry review.

12/2010 - alternative tests are near completion. Next step is to review the test results and develop report.

1/13/2011 - received partial CT 371 data from UCPRC on QC/QA projects

2/17/2011 - Small Group met to discuss test results from the alternative tests effort.

2/28/2011 - MSHMATG meeting reviewed work done so far and suggested workplan be updated to reflect future work.

4/1/2011 - Updated work plan is being reviewed internally. Small group industry co-chair reviewed initial draft work plan and provided comments.

4/11/2011 - Updated work plan sent to "small group" for review. Updated database to reflect work plan items.

5/12/11 - Small group reviewed work plan, CT 371 data, and tech memo outline.

5/13/11 - Status Update, PJV

Project Section 39 Smoothness (Short Term)

Task	Asphalt	Subtask	Smoothness
Target Completion Date	6/30/2011	Priority	5
Status	Active	Progress	97.5 %
Rock Products Committee		YES	

Purpose Revise Smoothness specifications in Section 39 since the current version does not consider existing pavement conditions for thin lifts paving.

Overall Draft Construction Procedure Directive is being reviewed by Construction.

Project Lead	Paul Burdick	Office	Pavement Engineering	Phone	227-5441	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Revised smmoothness specifications in Section 39	Asphalt	7/1/2010	12/31/2010	100	100	Done. SSP has not been post due to current moratorium on specs.			
# 2 Construction Policy Directive	Asphalt	11/1/2010	6/30/2011	50	90	Being reviewed by Construction prior to being issued.			
# 3				0	0				
# 4				0	0				
# 5				0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 5-12-11, Update Status PJV

Project Section 39

Target Completion Date 6/30/2013 **Priority** 6 **Status** Active **Progress** **Task** Asphalt **Subtask** 24 % **Section 39** Rock Products Committee YES

Purpose The purpose of the standing committee on Section 39 subtask group is charge to identify, prioritize, address deficiencies, and improve Section 39 specification on an ongoing basis.

Overall Resolving 1st priority issues.

Project Lead	Keefoo	Office	Asphalt	Phone	227-5436	E-FIS Project Number	E-FIS Subtask Number
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status	
# 1 Gather Industry/Caltrans Commets on specifications	Asphalt	3/1/2010	8/31/2010	100	100	Collected and organized	
# 2 Resolve 1st Priority Issues (14 + 5 issues)	Asphalt	3/21/2011	9/30/2011	15	35	11 issues addressed	
# 3 Revise Sepcs on 1st Priority Issues	Asphalt	10/1/2011	10/31/2011	0	0		
# 4 Resolve 2nd Priority Issues (6 Issues)	Asphalt	11/1/2011	3/31/2012	0	0		
# 5 Revise Sepcs on 2nd Priority Issues	Asphalt	4/1/2012	4/30/2012	0	0		
# 6 Resolve 3rd Priority Issues (5 Issues)	Asphalt	5/1/2011	9/30/2012	0	5		
# 7 Revise Sepcs on 3rd Priority Issues	Asphalt	10/1/2012	10/31/2012	0	0		
# 8 Evaluation of available HMA-Pay test data	Asphalt	7/1/2008	6/30/2011	80	95	Sent out for Industry Review	

- Log** 2/14/11 - Revised purpose and need and task definitions, PJV
 4/11/11 - A total of 27 Section 39 issues were brought to committee attention
 4/11/11 - Issues were prioritized (1st - Immediate attention; 2 nd - Important issues; 3rd - Addressed eventually; Not addressed here)
 4/11/11 - 1st priority has 14 issues (estimated 2 issues are resolved)
 4/11/11 - 2nd priority has 6 issues
 4/11/11 - 3rd priority has 5 issues
 5/13/11 - Status Update, PJV
 5/16/11 - 5 new issues added making a total of 19 1st priority issues
 5/16/11 - Esitmated 11 issues are resolved
 5/16/11 - No comments received on Deliverable #8. Set dateline for comment for 5/20/11

Project Quieter Flexible Pavement

Target Completion Date 6/30/2012 **Priority** 7 **Status** Active **Progress** **Task** Asphalt **Subtask** Quieter Pavement **Rock Products Committee** YES

Purpose To reduce tire noise and optimize permeability and durability of OGFC mix designs.

Overall Laboratory evaluation was performed on 3 OGFC mixes. Method (HVS vs field sections) of field evaluation is being determined.

Project Lead	Office	Asphalt Pavement	Phone	E-FIS Project Number	E-FIS Subtask Number	
Rupinder Dosanjh	UCPRC	Asphalt Pavement	274-6078			
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Conduct and report laboratory evaluation of OGFC mixes	UCPRC	7/1/2009	6/30/2011	95	95	UCPRC report being reviewed and finalized by Caltrans staff.
# 2 Conduct field & HVS evaluation	UCPRC	7/1/2010	6/30/2011	10	90	On hold
# 3 Develop NSSP for quieter OGFC mixes	Asphalt	7/1/2011	6/30/2012	0	0	
# 4 Update & adopt specification for OGFC mixes	Asphalt	7/1/2011	6/30/2012	0	0	
# 5 Update QP policy	Asphalt	7/1/2011	6/30/2012	0	0	
# 6 Complete 5th yr flexible QP research & report	UCPRC	7/1/2010	6/30/2011	50	90	Ongoing research
# 7				0	0	
# 8				0	0	

Log 5/13/11 - Status Update, PJV

Project RHMA Usage

Task	Asphalt	Subtask	Specifications
Target Completion Date	6/30/2013	Priority	8
Status	Active	Progress	25.5 %
Specifications		Rock Products Committee	YES

Purpose Evaluate Rubberized HMA (RHMA) performance and improve specifications, mix design requirements, and construction as appropriate.

Overall Revising and updating work plan. CT 368 Part 1 effort completed.

Project Lead	Haiping Zhou	Office	Asphalt Pavement	Phone	274-6022	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 CT 368 revision (part 1) - address AR4000 to PG and low multipliers	Asphalt	6/30/2009	6/30/2011	100	100	Completed. CTM posted			
# 2 CT 368 revision (part 2) - overhaul test method	UCPRC	6/30/2010	6/30/2012	5	45	UCPRC received aggr./binder and will start testing after completing testing for D2 long life pvmts.			
# 3 RHMA mix design & performance evaluation	Asphalt	6/30/2010	6/30/2012	5	45	Updated work plan			
# 4 Use/Evaluation of Type I vs.Type II	Asphalt	7/1/2011	6/30/2012	0	0	Develop/revise Type I specs & need projects			
# 5 MPQP	HQ Constr	6/30/2010	6/30/2011	50	90	See MPQP for RHMA			
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 2/9/2010 - RHMATG meeting resolved 3-day turnaround mix design issue and design profile issue. RHMATG agreed to change 3-day to 5 work days and to keep the design profile in Section 39.
 7/9/2010 - A new scoping document was developed.
 10/27/2010 - RHMATG meeting. The revised scoping document was reviewed and asked for comments. Discussed RHMA performance issues. Industry voiced its disagreement on the 5-day mix design verification and on keeping the design profile in Section 39. Discussed VMA requirements, CRM gradation, conversion of LP-10, -11 to possible CTMs.
 12/16/2010 - RHMATG meeting. Revised CT 368 with new multipliers published on CT website. Continued discussion on the 5-day mix verification and design profile. No solution reached. New CT 368 will likely be revised by UCPRC.
 12/2010 - Draft work plan (based on the existing scoping document) was developed and it needs CT/Industry review.
 2/9/2011 - Draft work plan sent to industry co-chair for review.
 3/29/2011 - RHMATG reviewed MPQP related to RHMA. CT to revise MPQP. Industry to complete notes/resolution table.
 4/12/2011 - Solicit feedback within Caltrans (DMEs and DMEs).
 4/14/2011 - Co-chairs met to update scope and develop revised work plan.
 4/27/2011 - Revised work plan developed and being reviewed.
 5/13/11 - Status Update, PJV.

Project Section 39 Smoothness (Long Term)

Task	Asphalt	Subtask	Smoothness
Target Completion Date	6/29/2012	Priority	9
Status	Active	Progress	32.6 %
Rock Products Committee		YES	

Purpose Develop revised specs for pavement smoothness using the inertial profiler.

Overall Gathering certification and calibration procedures from other States. Incorporated NSSP for evaluation on two projects scheduled for 2012 construction season.

Project Lead	Peter Vacura	Office	Asphalt Pavement	Phone	274-6194	E-FIS Project Number		E-FIS Subtask Number	
---------------------	--------------	---------------	------------------	--------------	----------	-----------------------------	--	-----------------------------	--

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Develop Inertial Profiler NSSP	Asphalt	7/1/2010	6/30/2011	85	90	NSSP developed and proposed on 2 projects. NSSP currently reviewed by Industry.
# 2 Test Method, Equipment, & Calibration	Mets	1/31/2011	12/31/2011	20	35	Literature search completed and meetings scheduled by Pavement/METS with other State Agencies.
# 3 Evaluate NSSP & Acceptance Criteria	Asphalt	7/5/2011	10/1/2012	10	0	
# 4 Develop SSP & Acceptance Criteria	Asphalt	7/2/2012	12/3/2012	0	0	
# 5 Construction Policy Bulletin	Constr	10/1/2012	12/30/2012	0	0	
# 6 Roll-out Spec. & Software Training	Asphalt	11/1/2012	3/1/2013	0	0	
# 7 Select Projects to Pilot NSSP	Asphalt	2/15/2011	10/1/2012	0	15	Two projects selected, targetting 6 to 12.
# 8				0	0	

Log 5/13/11, Updated Status, PJV

Project Safety Edge (Asphalt)

Target Completion Date 12/30/2011 **Priority** 10 **Status** Active **Progress** **Task** Asphalt **Subtask** Safety Edge **Rock Products Committee** YES

Purpose Develop statewide policy for the use of the "safety edge" on edge drop offs for asphalt pavements.

Overall The first State project on 06-Ker-43, PM 16.1/25.1 started SE installation on 5/13/11. A confrence call with RE, construction crew and FHWA was done on 5/24/11 to address issues faced during construction. No further problem is reported by RE.

Project Lead	Office	Concrete Pavement	Phone	E-FIS Project Number	E-FIS Subtask Number	
Mehdi Parvini	Concrete Pavement	916-227-5848				
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Develop Draft Specification & Plan	Asphalt	9/10/2008	6/30/2010	100	100	Approved
# 2 Test specification and plan on HMA projects	Asphalt	9/1/2010	6/30/2011	5	90	Identifying Projects. For a list of active projects refer to the Log section.
# 3 Establish criteria for where to place Safety Edge	Asphalt	9/1/2010	6/30/2011	65	90	Under Development
# 4 Update Specs and Plan	Asphalt	6/1/2011	6/30/2011	0	0	
# 5 Adopt Safety Edge (Policy, Spec, Plan)	Asphalt	7/1/2011	9/30/2011	0	20	Draft policy is under review by Office Chief
# 6 Outreach (bulletins & training)	Asphalt	5/1/2010	12/30/2011	25	65	Refer to the list on the Log.
# 7				0	0	
# 8				0	0	

Log 5/27/11-status update
5/9/11 - Draft specs and details developed. Converting details into proposed new standard plan.

- Presentations and Trainings:
- Presentation at MTAG 3/24/10
 - Presentation at RPC 2/25/2010
 - Two Webinars 4/29/10 and 6/2010
 - D4 PE Meeting on 6/2/10
 - D6 On 11/18/10
 - D11 on 7/21/10
 - D12 on 7/22/10
 - Open House 9/23/10
 - Presentation at OST 4/21/11

List of active projects:

Location	EA	Approved nSSP	Stage
03-BUT-99, PM8.6/13.1	03-366904	CCO	Const.
02 Teh 99, PM 12.5 to 24.0	02-0E530	CCO	Const.
06-Ker-43, PM 16.1/25.1	06-460001	yes	SE installation started
11-sd-79, NB 46.13/46.17, SB 46.17/46.27	11-29870	yes	
03-sie-89, 89/49 Sierraville, PM 15.1 to 20.1	03-4M15101	yes	
09-mno-270	09-338101	yes	
12-org-74, 0.0/1.1 & 3.0/13.3	12-0J4301	yes	
05-Santa Cruz-1, PM R0.04 to PM 10.2	05-0M7501	yes	

03-Sie-89, PM 0.0 to 15.1	03-2F5801	yes
02-Nev-395, PM 56/64	02-4E2401	yes
03-Sutter-113, PM 0 to 4.7, 5.1 to R10.8	03-1F8100	yes
01-Men-128, PM 31.0 to 50.9	01-3637U	yes
03-Yol-5, PM 0.3/R14	03-2F010	CCO

Project Longer Life Flexible Pavements

Task	Asphalt	Subtask	Section 39
Target Completion Date	6/30/2013	Priority	11
Status	Active	Progress	53 %
Rock Products Committee		YES	

Purpose Design and build longer life flexible pavements in California to minimize the needs for future structural improvement or rehabilitation.

Overall Selected 3 (Red Bluff, Weed & Willits) long life flexible pavement projects in northern California.

Project Lead	Kee Foo	Office	Pavement Engineering	Phone	227-5436	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Support District for N. Cal Project	Asphalt	6/30/2010	6/30/2011	100	100	Selected 3 projects (Red Bluff, Weed & Willits)			
# 2 Monitoring I-710 Pavement Performance	UCPRC	6/30/2010	6/30/2013	75	30	UCPRC to conduct IRI & FWD in 2011.			
# 3 Develop NSSP for N. Cal Project	Asphalt	2/1/2011	6/30/2011	90	85	Completed NSSP for Red Bluff & Weed. Willits pending.			
# 4 Evaluation and Monitoring	Asphalt	7/2/2012	6/28/2013	0	0				
# 5				0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 12/9/2010 - Caltrans/Industry meeting on long life meeting. Two projects in D2 were discussed. UCPRC will conduct lab testing.
5/13/11 - Updated Status, PJV

Project Materials Plant Quality Program (MPQP) RHMA

Task Asphalt **Subtask** Construction/Plants
Target Completion Date 9/1/2011 **Priority** 12 **Status** Active **Progress** 80 % **Rock Products Committee** YES

Purpose Find a means of better controlling construction process by requesting materials records at plant during hot mix asphalt production.

Overall Waiting for industry comments.

Project Lead	Ebi Fini	Office	Construction Engineering		Phone	227-5396	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task		Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 MPQP for RHMA		Constr	6/30/2010	6/30/2011	80	90	In review and comment phase.			
# 2					0	0				
# 3					0	0				
# 4					0	0				
# 5					0	0				
# 6					0	0				
# 7					0	0				
# 8					0	0				

- Log** 2/9/2010 - RHMATG meeting discussed MPQP but no immediate action required.
 10/27/2010 - RHMATG meeting reviewed draft MPQP. Electronic copy was sent out to industry on 10/29 for comments. Deadline Dec. 1, 2010.
 12/16/2010 - RHMATG meeting did not discuss the draft. No comment was received by 12/1 and prior to the meeting. A new date for comments was scheduled for early January, 2011.
 1/17/2011 - Industry provided their comments/opinions on the MPQP RHMA portion.
 1/18/2011 - CT reviewed the document and sent a table to industry co-chair asking to separate comments from opinions for better addressing comments.
 2/14/11, beginning review and comment phase with industry, PJV
 3/29/2011 - RHMATG reviewed comments from industry and responses from Caltrans. Resolution table and MPQP will be updated.
 5/4/2011 - Revised MPQP sent to industry co-chair.
 5/13/11 - Updated Status, PJV.
 5-31-11 - RHMATG meeting rescheduled to June 7, 2011 for final industry comments. CDS

Project Section 40 Technical Changes

Task	Concrete	Subtask	CIP Concrete Pavement
Target Completion Date	12/30/2011	Priority	2
Status	Active	Progress	26.8 %
Rock Products Committee		YES	

Purpose To address comments from Industry, Construction, and other units made on Section 40 during the 2010 PLV exercise.

Overall All the proposed changes to Sec. 40 (from Caltrans units and Industry) were incorporated in the draft working spec and was sent to CIP STG for review. Would start to address changes in 6/9/11 meeting.

Project Lead	Mehdi Parvini	Office	Concrete Pavement	Phone	916-227-5848	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Industry provide updated comments	Conc Pvmt	3/10/2011	4/4/2011	100	100	Industry wanted to revisit previous comments to see if still applicable.			
# 2 Collect new comments and merge with existing ones	Conc Pvmt	3/10/2011	4/6/2011	100	100	Industry removed no comments and added additional 3 comments.			
# 3 Discuss the comments on CIP STG (resolve, assign priority, drop)	Conc Pvmt	4/6/2011	6/9/2011	20	100	Meeting is scheduled for June 9. CoTE and Tie bar already addressed.			
# 4 Prepare scoping document and work plan for major issues	Other	5/15/2011	7/1/2011	5	50	Asked Industry for scoping document for CT559.			
# 5 Resolve issues as planned	Conc Pvmt	5/15/2011	10/1/2011	10	15	Friction testing and tie bar tolerance was resolved in 3/10 meeting.			
# 6 Circulate draft Sec. 40 with all recommended changes	Conc Pvmt	10/1/2011	10/1/2011	0	0				
# 7 Address comments and get stakeholders approval	Other	10/1/2011	12/30/2011	0	0				
# 8				0	0				

Log 5/27/11-status update

5/13/11-Tie bar tolerance and friction testing language were inserted in Sec. 40. CoTE and CT 559 (min. cement content) was discussed in 5/12/11 meeting. A new draft would be prepared by 6/9 to be presented to CIP-STG.
 5/9/11-Craig Knapp and Mehdi met on 5/2/11 to discuss DFI and how that device might be able to be used for pavement. Craig will present a long term option for the CIP Concrete Pavement Subtask Group.
 A proposed language was discussed previously for a short term option.

3/30/11- Schedule CIP STG to go over all the technical change comments received from the 2010 review for Section 40 and have subtask group make the following recommendations for task group review:

- a. Make the spec change now.
- B. Needs more discussion and research. Have scoping document developed and issue prioritized for future work.
- C. Do not make requested change. Drop the issue.

For item b, establish priorities for the new and old items for 11/12 FY to report to task group.

Issues:

- CoTE (short term)- A draft proposed language is sent out for review and comments.
- Tie bar placement tolerance- A proposed language was discussed in the 3/10/11 meeting and was agreed.
- Friction testing time - A proposed language was discussed in the 3/10/11 meeting and was agreed.
- CT 559 - Industry to provide document on potential issues.

Project Elimination of Mock-Up Requirement for SCC Precast Option

Task Concrete **Subtask** Precast Concrete
Target Completion Date 1/1/2012 **Priority** 2 **Status** Active **Progress** 22 % **Rock Products Committee** YES

Purpose For projects that possess the option to use SCC for Precast Concrete, eliminate the requirement to construct a Mock-Up prior to the placement of SCC

Overall The Scoping Document and Work Plan for this activity are in the final review stages. Based on the importance of this activity and the level of work that may be required, this project has been listed as the 2nd highest priority in the STG

Project Lead	Ruth Fernandes	Office	DES-SOE	Phone	(916) 227-8584	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Review Existing Spec	OE	5/1/2011	7/1/2011	90	60	Will be based on Plain Language completion			
# 2 Review industry practices	OE	7/1/2011	8/1/2011	20	0	In early stages			
# 3 Compose a Draft Spec	OE	8/1/2011	9/1/2011	0	0				
# 4 Gather and compile feedback from all necessary parties	OE	9/1/2011	10/1/2011	0	0				
# 5 Finalize the Spec and Publish	OE	10/1/2011	1/1/2012	0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log Updated from May 24:

- Project is in the early stages, but contains great interest from all assigned parties
- Target is to complete activity prior to 1/1/2012
- Goal is to be scheduling meetings on a bi-weekly basis
- Project team will be the same as the team for the 2010 Plain Language feedback

Project Precast Structures Specification/Precast QCQA Provisions

Task Concrete **Subtask** Precast Concrete
Target Completion Date 7/1/2012 **Priority** 3 **Status** Active **Progress** 20 % **Rock Products Committee** YES

Purpose Separate specifications for precast products/materials from those for concrete materials.

Overall Industry requested to combine this issue with Precast QC QA Provisions. The objective is to separate precast concrete from Section 90. An updated Scoping Document/workplan has been completed

Project Lead	Ruth Fernandes	Office	DES-SOE	Phone	(916) 227-8584	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Review Existing Spec	Materials	12/1/2010	3/1/2011	100	100	Review has been complete			
# 2 Compose Draft	Materials	3/1/2011	2/1/2012	20	30	draft proposal is being finalized			
# 3 Gather and compile feedback	Materials	2/1/2012	8/1/2012	0	0				
# 4 Finalize Spec	Materials	8/1/2012	1/1/2013	0	0				
# 5				0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 5/24/11

This issue has been officially combined with the Precast QCQA Provisions activity. Industry has given their buy-in, and the group remains committed to carrying out the scheduled workplan

5/5/11

This issue will be combined with Precast QC/QA Provisions. The objective will be to separate Precast provisions from the other concrete material provisions in Section 90.

Updates from Feb 17 Meetings:

- Spec Development team will work to separate Precast provisions from the other concrete material provisions in the new 2010 Plain Language Spec
- Project team is incorporating the feedback provided by industry

Project Safety Edge (concrete)

Target Completion Date 10/31/2011 **Priority** 3 **Status** Active **Progress** **Task** Concrete **Subtask** CIP Concrete Pavement **Rock Products Committee** YES

Purpose Develop statewide policy for the use of the "safety edge" on edge drop offs for rigid pavements.

Overall Draft concrete safety edge spec was reviewed by Caltrans. Comments were included and the new draft was sent to Industry for discussion in 6/9/11 meeting. Request was sent to RE on 5/13/11 to include SE in E-Gap project.

Project Lead	Mehdi Parvini	Office	Concrete Pavement	Phone	916-227-5848	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Develop Draft Specification & Plan	Conc Pvmt	2/1/2011	6/30/2011	85	85	Specification and construction detail prepared and reviewed by Caltrans. Comments due 5/13.			
# 2 Demo specification and plan on concrete projects and finalize spec and plan	Conc Pvmt	4/1/2011	8/30/2011	5	45	RE for E-Gap was contacted for potential installation on the job.			
# 3 Adopt Safety Edge (Policy, Spec, Plan)	Conc Pvmt	8/30/2011	9/30/2011	10	0	A draft policy is prepared to include the safety edge as a standard practice and is under review			
# 4 Update manuals, specs, and plan	Conc Pvmt	10/1/2011	10/30/2011	0	0	Update relevant manuals and standards such as HDM (both for asphalt and concrete)			
# 5 Outreach (bulletins & training)	Conc Pvmt	4/1/2011	12/30/2011	0	25	Refer to the list on the Log. No specific training for concrete pavement.			
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 5/27/11-status update

5/13/11-Draft PCC spec was discussed in 5/12/11 meeting. It will be presented to Industry in 6/9/11 meeting. Looking for concrete project to demo (E-Gap a potential candidate).

5/9/11- A draft spec and detail for PCC is prepared. A draft Safety Edge Policy is prepared. Internal meeting was held on 5/3/11. A meeting between FHWA and CT was held on 5/6/11. The draft spec has been sent out for review and discussion in 5/12/11 meeting.

Presentations and Trainings:

- Presentation at MTAG 3/24/10
- Presentation at RPC 2/25/2010
- Two Webinars 4/29/10 and 6/2010
- D4 PE Meeting on 6/2/10
- D6 On 11/18/10
- D11 on 7/21/10
- D12 on 7/22/10
- Open House 9/23/10
- Presentation at OST 4/21/11

Project Precast QC QA Provisions

Task	Concrete	Subtask	Precast Concrete
Target Completion Date	7/1/2012	Priority	3
Status	Active	Progress	20 %
Rock Products Committee	YES		

Purpose Currently, there is only one level of QC/QA and it pertains to structural concrete. The precast committee would like to update the structures' specification and add new levels for minor (non-structural) and possibly other concrete.

Overall (See information for Precast 3) Industry requested to combine this issue with Precast Structures Specs.

Project Lead	Cliff Ohlwiler	Office	Industry – CPCA	Phone	(909) 208-0023	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task		Office	Start Date	End Date	Complete %	Elapsed %		Status	
# 1	Review Existing Programs		12/1/2010	3/1/2011	100	100	Existing practices are reviewed		
# 2	Compose draft program		3/1/2011	2/1/2012	20	30	OSMPP, tier priority list etc. is being revised to come up with the first step of implementation plan		
# 3	Gather and compile feedback		2/1/2012	5/1/2012	0	0			
# 4	Finalize Programs		5/1/2012	7/1/2012	0	0			
# 5					0	0			
# 6					0	0			
# 7					0	0			
# 8					0	0			

Log 5/24/11

This issue has been officially combined with the Precast QCQA Provisions activity. Industry has given their buy-in, and the group remains committed to carrying out the scheduled workplan

5/5/11

This issue will be combined with Precast Structures Specification. The objective will be to separate Precast provisions from the other concrete material provisions in Section 90.

Updates from March 17 Meetings:

A discussion occurred regarding the IAP and how it relates to Precast. All agreed that will be an important item to be discussed in the QC/QA Activity in the Materials & QA STG.

Updates from Feb 17 Meetings:

- A final detailed work plan has been completed for this Activity, and the project team has begun conducting meetings to complete all of the objectives listed.
- Currently the team is reviewing Existing practices, to include reviewing OSMPP, Tier Priority Lists, and historical performance of each Concrete material item.
- A Detailed Outline of the QC/QA Protocols will be the next portion that will be hashed

Project Develop Performance-Based QC/QA Spec

Task Concrete **Subtask** Concrete Materials/QA
Target Completion Date 7/1/2012 **Priority** 4 **Status** Active **Progress** 35.5 % **Rock Products Committee** YES

Purpose Implement performance-based specifications for materials management of structural concrete.

Overall Project teams have been formed. John Lammers from Structure Construction is point, tracking tasks and deliverables. Outline of QC/QA tests were discussed at Team mtg on 5/17/11. Draft review of FHWA/DOT practices distributed.
 Mtgs held every two weeks.

Project Lead Rob Reis **Office** Structural Materials **Phone** (916) 227-7287 **E-FIS Project Number** **E-FIS Subtask Number**

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Establish teams and review existing practices (FHWA, DOTs)	OSC	12/1/2010	5/31/2011	95	105	Teams are established. Draft review of existing FHWA and other State DOT have been circulated.
# 2 Develop outline for QC/QA/IQA/IA program	Materials	3/1/2011	6/30/2011	70	80	An outline of QC/QA program was drafted.
# 3 Draft QC/QA reference specification and selection of pilot projects	Materials	7/1/2011	9/1/2011	0	0	
# 4 Workshops and roll out pilot projects (structural concrete/non-pavement)	HQ Constr	9/1/2011	1/1/2012	0	0	
# 5 Feedback and update other concrete	Materials	11/1/2011	4/1/2012	0	0	
# 6 Establish full implementation on all projects		4/1/2012	7/1/2012	0	0	
# 7				0	0	
# 8				0	0	

Log Update from May 24, 2011:
 Project Team continues to progress on work as planned. The review document of FHWA procedures and other DOT QCQA specifications, in addition to recommended strategy and alignment of proposed QCQA with FHWA Roadmap, is in final stages of review, including review by FHWA stakeholders. QCQA outline of required QCQA tests and frequencies is in final stages of development. Schema efforts for collecting and reporting ASTM test data/results for pilot projects is under way.

The team has reached agreement from the Department and Industry (with no major concerns) for the following aspects:

1. Require NRMCA certifications for plants and AASHTO Accreditation for Labs.
2. Require aggregate source quality related tests (eg soundness and abrasion) as part of prequalification.
3. Use ASTM methods for pilot programs for all testing.
4. QA Testing for the pilot program may be performed by Translab and other lab hired by Department

Team team is working on refining the following aspects based on Department and Industry review/input:

1. Frequency of QC and QA Testing
2. Lot ID for QA Testing
3. Dispute resolution process

Update from April 18, 2011 Project Team Meeting:

Outline of QC/QA tests was discussed and a draft report of the review on FHWA/DOT practices was circulated and discussed. Project team members are to review the proposed outline and provide feedback at the next team meeting. New project team members (Mike Cook of Granite Rock and Rick Navarro representing the California Council of Testing and Inspection Agencies) attended. ASTM test method equivalent to CT methods were reviewed. Consensus was reached regarding the use of ASTM test methods for proposed QC/QA pilot projects.

On parallel path are discussions with Loren Turner regarding data platform for collection of test results from consultant labs. A separate task specific project team will be developed that will include Mike Cook, Rick Navarro and others to address this task.

Mtgs. Held every two weeks.

Updates from March 17 Meetings:

Rob introduced the purpose of this project is to have QC tests take the forefront and place the state staff into more of a "review" role.

Bruce indicated that cost-benefit analysis might be a good way to show the affects of overall project cost.

The group discussed the differences between CTMs and ASTMs will affect how the material is tested. Bruce and Kirk commented on international material being tested on standards other than ASTMs. Clarifications may be needed on how to prequalify this material.

Updates from Feb 17 Meetings:

This item moved up in the priority. With the limited number entries in the log, overall plan has been broadly divided in to following six tasks. Detailed work plan available with identifying 17 sub projects for FY 10-11 & 11-12

- Project team has begun conducting meetings to complete all of the objectives listed. Currently the team is reviewing Existing Performance Based requirements, to include reviewing FHWA Practices, as well as other DOT practices already in place.
- A Detailed Outline of the QC Program will be the next portion that will be hashed out in the near term, to include the establishment of certifications needed and testing protocol

Project Precast concrete pavement

Task	Concrete	Subtask	Precast Concrete
Target Completion Date	12/31/2012	Priority	4
Status	Active	Progress	18.8 %
Rock Products Committee	YES		

Purpose Develop comprehensive departmental guidance or standard approach on the use of precast concrete pavement.

Overall Draft scoping document and work plan under review. The document would be sent to Precast STG for review and comment on June 1. The attached work plan would be revised based on feedback from Precast STG.

Project Lead	Mehdi Parvini	Office	Concrete Pavement	Phone	916-227-5848	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Develop PPCP nSSP	Conc Pvmt	7/1/2010	6/30/2011	90	95	The requirements to complete the project for HQ approval and the comments/questions have been sent to D7 for consideration.			
# 2 PPCP Standard Plan and Design Guide	Conc Pvmt	7/1/2010	12/31/2011	15	60	The performance issues (slab cracking) of the newly placed I-15 project is under evaluation.			
# 3 PCP nSSP and Standard Plan	Conc Pvmt	7/1/2010	9/30/2012	30	40	Report for I-15 and I-5/14 to be completed by districts. I-680 construction lessoned learnt.			
# 4 Proposed Std Plan & Specifications to Task Group	Conc Pvmt	12/1/2010	9/30/2012	0	30				
# 5 Design Guide & Tables	Conc Pvmt	7/1/2011	9/30/2012	0	0				
# 6 Adopt Standard Plan & Specification	Conc Pvmt	9/30/2012	12/31/2012	0	0				
# 7 Workshops		1/1/2013	12/31/2013	0	0				
# 8				0	0				

Log 5/27/11-status update

Updates from May 24th Meeting:

- An updated Scoping Document is in the final stages, which includes an updated timeline. Scoping Document will be finalized by June 1.
- First goal, completion of nSSP for PPCP Pavement, will be completed by 6-30-11
- Next team meeting will be June 13, 2011

June A draft spec was worked on throughout May 2011. Target completion of PPCP nSSP is 6-30-11. Plan is to use the final I-710 spec, which will RTL in June. A modified scoping document and workplan to be prepared by June 1. Next meeting will be 13, 2011

Updates from May 2nd Meeting:

A \$300 million project RTL this month. Need to work on that spec. Issues resolved on that spec will be used to complete this project.

Updates from March 17th Meeting:

Keith wanted to clarify if the proposed SSP will dictate which system to use, or allow for proprietary systems.

Keith and Jim mentioned that creating an NSSP might be a better way to get the spec onto paper, and allow for future revisions that may be able to turn this into an SSP. This would allow time for current projects to be evaluated to see what challenges/claims we've encountered, and adjust off of these lessons learned.

Updates from Feb 17th Meeting:

- A final detailed work plan has been completed for this Activity, and the project team has begun conducting meetings to complete all of the objectives listed.
- Draft Standard Plans and Specs are about 25% complete; A draft Plan was discussed at the Feb 17 meeting
- Project team members are incorporating lessons learned on previous Precast Pavement projects, and will incorporate this into the language of the SSP

Project Coefficient of Thermal Expansion (CoTE)

Target Completion Date 6/30/2012 **Priority** 4 **Status** Active **Progress** **Task** Concrete **Subtask** CIP Concrete Pavement **Rock Products Committee** YES

Purpose To CoTE as a criteria for design and construction of concrete pavements

Overall The proposed spec change was discussed in 5/12/11 meeting. Clatrans comments were incorporated in the draft. The new draft wa sent to Industry for review and discussion on 6/9/11 meeting.

Project Lead	Mehdi Parvini	Office	Concrete Pavement	Phone	916-227-5848	E-FIS Project Number	E-FIS Subtask Number
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status	
# 1 Modify spec to reduce test frequency	Asphalt	1/1/2011	6/1/2011	85	105	A new draft was discussed in 5/12/11 meeting.A fourth draft to be discussed in 6/9/11 meeting. Frequency is reduced to one at mix design.	
# 2 Gather Data (freq. & action for non-compliance)	Conc Pvmt	1/1/2011	9/30/2011	5	60	Only three tests (two from Twining and one from METS) received.	
# 3 Evaluate data for variance & acceptance	Conc Pvmt	9/30/2011	12/30/2011	0	0		
# 4				0	0		
# 5				0	0		
# 6				0	0		
# 7				0	0		
# 8				0	0		

Log 5/27/11-status update

5/13/11-Meeting between Pavement, Construction, and METS was held on 5/6/11. A new draft proposed language was discussed in 5/12/11 meeting. Another draft has been prepared to be discussed in 6/9/11 meeting.

5/12/11- A new language was proposed at 5/12/11 meeting.

5/9/11- Rosme, Mehdi, and Austin are in discussion regarding the proposed spec language on test frequencies and the acceptance criteria.

3/30/2011-

Long Term - A list of projects (JPCP and CRCP) that have CoTE in their spec has been compiled. The RE's have been contacted to providing guidance and resolve the potential issues. The CoTE website is designed and ready for data submittal. No

data

has been submitted (most of the projects are not in construction yet).

Project Revise QPL/AML Process for Cement and SCMs

Task Concrete **Subtask** Concrete Materials/QA
Target Completion Date 6/30/2011 **Priority** 5 **Status** Active **Progress** 97 % **Rock Products Committee** YES

Purpose Our sampling and testing program for Cement and SCMs needs to be updated to ensure evaluation in a timely manner.

Overall Rob Reis is finalizing Industry comments. Discussed with Tom Tietz, co-chair of Sub Task Group on 5/3/11. Minor issues (Grace periods for AMRL accreditation). Call with key industry to be scheduled prior to May 19 CT only subtask group mtg.

Project Lead	Vijay Jain	Office	Structural Materials	Phone	916 227 7232	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Review current DOT Practice	Materials	12/1/2010	1/15/2011	100	100	Reviewed current process of sampling/testing materials.			
# 2 Review practice of other DOT's	Materials	1/15/2011	1/30/2011	100	100	reviewed the process			
# 3 Review FHWA QC/QA Guides	Materials	1/5/2011	1/30/2011	100	100	updated process based on FHWA and other DOT practices			
# 4 Draft AML Process	Materials	1/30/2011	5/17/2011	100	100	draft AML process has been discussed at internal subtask group meeting			
# 5 Receive feedback on AML Process	Materials	2/15/2011	5/17/2011	100	100	feedback is currently being incorporated			
# 6 Revise process and finalize	Materials	3/17/2011	6/30/2011	85	80	Additional feedback will be received from industry and process will be finalized			
# 7				0	0				
# 8				0	0				

Log Update from 5/25/11:

Final draft has been developed and has been sent to AASHTO Accreditation staff for review/comment. This document will be discussed with industry and finalized at June 16, 2011 STG meeting

Update 5/3/11:

Discussed with Tom Tietz, co-chair of Sub Task Group on 5/3/11. Industry comments will be finalized 5/6/11. Minor issues (Grace periods for AMRL accreditation) need to be addressed. Call with key industry to be scheduled prior to May 19 CT only subtask group mtg.

Updates from Feb 17 Meetings:

- Project is currently moving according to current timeline
- The draft process will be reviewed in March subtask group meeting and finalized soon after

Project Smoothness

Task	Concrete	Subtask	Smoothness
Target Completion Date	7/1/2013	Priority	5
Status	Active	Progress	24.8 %
Rock Products Committee			YES

Purpose Develop inertial profiler smoothness specifications and calibration test procedures for acceptance on concrete pavement. Develop Caltrans protocols for equipment and operator certification.

Overall The draft was discussed in 5/12/11 meeting. Comments by Caltrans were addressed. Another draft is sent to Industry for comments and discussion on 6/9/11 meeting.

Project Lead	Robert Hogan	Office	Concrete Pavement	Phone	916-227-5840	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task		Office		Start Date	End Date	Complete %	Elapsed %	Status	
# 1	nSSP for inertial profiler use on conc pvmnt	Conc Pvmnt		8/2/2010	5/31/2011	99	105	Met with HQ Const 4/11. Updated draft nSSP 4/27.	
# 2	nSSP for inertial profiler use on conc grinding	Conc Pvmnt		4/1/2011	5/31/2011	99	115	Developed edits within existing nSSP for D1. Can separate specs in future.	
# 3	Pilot nSSP on 2011 construction projects	Conc Pvmnt		5/2/2011	8/31/2012	0	10	nSSP given to Districts XX for use (awaiting proj info).	
# 4	Develop IRI smoothness acceptance values	Conc Pvmnt		5/2/2011	12/30/2011	0	15	Researching other DOTs. Teleconf with Ohio DOT 5/31/11.	
# 5	Equip & operator certification procedure	Conc Pvmnt		7/1/2011	4/2/2012	0	0	Work with METS & UCPRC	
# 6	Draft SSP for IRI smoothness acceptance	Conc Pvmnt		7/1/2011	12/30/2011	0	0	Get ready for 2012 const season	
# 7	Develop guidance/CPD/training (incl ProVal)	Conc Pvmnt		5/30/2011	3/2/2012	0	5	Need for nSSP & SSP	
# 8	Ongoing monitoring and evaluation	Conc Pvmnt		6/3/2011	12/31/2012	0	0	Not begun	

Log 5/31/11-Teleconference with Ohio DOT about history of their transition from PI to IRI and lessons learned.

5/27/11-status update. Updated draft nSSP based on comments received.

5/13/11-A new draft nSSP to use inertial profilers in conjunction with profilograph was developed 4/27/11. The draft was discussed in 5/12/11 meeting. Comments were due 5/20/11.

CT Pavement and Construction met 4/11/11. Updated draft nSSP to tighten references to AASHTO and TxDOT standards. Researched TTI certification and profiler equipment and operator availability.

Potential pilot projects: I-5 lane replacement, Rte 60, 07-LA-710 (precast), 10-STA-99, 03-Sac-80 HOV

First meeting with new joint AC/conc smoothness TG 3/1/11. Follow up webconf & subsequent conc industry teleconf 3/16/11. Next TG meeting not yet scheduled.

3/30/11- Two meeting (one on 3/1 in Translab and the other one on 3/16 teleconference) have been held by Peter Vacura to discuss smoothnes issue jointly for asphalt and concrete pavments. A decision is made to measure IRI in addition to PI for upcoming projects in order analyze correlation, set acceptance criteria, and plan the transition. A "shadow spec" is prepared and sent out to construction for comments. Meeting scheduled for 4/11 to discuss the spec internally before sending it out for review.

Project Statewide Aggregate Source Approval

Task Concrete **Subtask** Concrete Materials/QA
Target Completion Date 7/1/2012 **Priority** 6 **Status** Active **Progress** 41.5 % **Rock Products Committee** YES

Purpose Statewide consistency in aggregate source approvals and develop a centralized list (database) of approved aggregates that can be used by all districts/projects

Overall Project team is established. List of aggregate tests is developed. A discussion with Dan Chapman was held. Currently gathering info regarding the business practices of district labs and looking at I.T. platforms for data storage. Pilot Dist 2,3,5,7,8 & HQ

Project Lead	Rob Reis	Office	Structural Materials		Phone	9162277287	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status				
# 1 Establish teams	Materials	12/1/2010	2/18/2011	100	100	Teams are established				
# 2 Review existing databases/data platforms	District	2/18/2011	6/30/2011	75	85	Existing databases are being evaluated. Survey has been drafted to be sent out to DMEs				
# 3 Determine applicable tests	District	2/18/2011	4/30/2011	100	100	Applicable tests have been outlined				
# 4 Establish pilot database	Materials	4/30/2011	6/30/2011	20	65					
# 5 Receive feedback from all users	Materials	6/30/2011	8/31/2011	0	0					
# 6 Finalize the database and extend it to all districts	Materials	8/11/2011	7/1/2012	0	0					
# 7				0	0					
# 8				0	0					

Log Updated for 5/24/2011:

Scoping document has been updated to reflect input/comments from industry. Schema efforts from QCQA issue will be of assistance in completing work efforts on this issue.

Update 5/3/11

Additional follow-up was made with industry. Confirmed that industry would like the Department to maintain an internal database where aggregate source data can be shared among Districts. Discussions were initiated with Loren Turner regarding platforms for collecting data. Survey was drafted to be sent to DMEs to collect the business practices of district labs.

Updates from March 17 Meetings:

Rob emphasized that the purpose of the activity was to create a single database that is able to communicate test results between the district labs. Keith gave a background description of STATS program and the importance of keeping a single database system between districts. Bruce and Keith, indicated that having something similar to the PQPL would be beneficial, as opposed to producing and publishing test results. Keith suggested that we also want to be able to publish items into a format that district labs will be comfortable with and will have easy access to.

Updates from Feb 17 Meetings:

- A final detailed work plan has been completed for this Activity, and the project team has begun conducting meetings to complete all of the objectives listed.
- Currently the team is reviewing the Legal Aspects and also the applicable ASTM and CTM standards that will be used to manage the database
- The team is also developing the Platform that the Database will use, incorporating this new database into pre-existing databases already in use

Project Rapid Strength Concrete for JPCP

Target Completion Date 10/3/2011 **Priority** 6 **Status** Active **Progress**

Purpose Prepare specification for use of rapid strength concrete (RSC) for new construction of jointed plain concrete pavement (JPCP)

Task Concrete **Subtask** CIP Concrete Pavement
 26 % **Rock Products Committee** YES

Overall A draft spec for JPCP using RSC is prepared. The spec would be sent in May for subtask group review.

Project Lead	Bill Farnbach	Office	Concrete Pavement	Phone	227-5848	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Prepare draft spec	Conc Pvmt	3/1/2011	4/15/2011	100	100	Draft specs were prepared.			
# 2 Review draft spec	Other	5/16/2011	5/31/2011	30	155	Currently specs are under review.			
# 3 Circulate draft spec (Industry, districts, Const., etc.)	Conc Pvmt	6/15/2011	7/8/2011	0	0				
# 4 Address comments	Conc Pvmt	7/8/2011	8/15/2011	0	0				
# 5 Send for final review	Conc Pvmt	8/15/2011	9/15/2011	0	0				
# 6 Post the spec on OE server	Conc Pvmt	9/15/2011	10/3/2011	0	0				
# 7				0	0				
# 8				0	0				

Log 5/9/11- Draft spec is developed and is currently under review.

Topics like Open strength were discussed during the meeting - modulus of rupture value of RSC for opening is currently less than that of regular pavement.
 The project is still on target for June.

Project Section 90 on Concrete of 4000 psi or Greater

Task	Concrete	Subtask	Concrete Materials/QA
Target Completion Date	12/1/2011	Priority	7
Status	Active	Progress	50 %
Rock Products Committee	YES		

Purpose With the recent revision of Section 90 Portland Cement (PC) Concrete adopted as of June 2009 a cap has been placed on the amount of PC used in concrete; Industry has expressed concerns that Section 90 needs changes.

Overall Industry submitted revised problem statement. Concern over availability of SCMs and limits on Equation 2 of Sec 90 and making strength of 4000psi workable mix. Revised problem statement is being reviewed and will be discussed at May 19 CT only Mtg.

Project Lead	Tom Tietz	Office	Industry	Phone	(714) 694-0880	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task		Office	Start Date	End Date	Complete %	Elapsed %	Status		
# 1	Update Problem Statement	Industry	11/1/2010	3/17/2011	100	100	Industry updated Problem Statement in March 17th STG meeting		
# 2	Review updated Problem Statement	Materials	3/17/2011	4/17/2011	100	100	Scoping document was revised. Scoping document with Survey will be sent out for circulation on May 9 meeting.		
# 3	Develop work Plan and create project teams (if needed)	Industry	4/17/2010	5/31/2011	100	100			
# 4	Discuss potential solutions and recommend any revisions to specs	Materials	5/31/2011	6/30/2011	0	25			
# 5	Update final specs	Materials	6/30/2011	12/1/2011	0	0			
# 6					0	0			
# 7					0	0			
# 8					0	0			

Log Updates from 5/24/2011:

Industry is being asked to help provide examples of mix designs where the cap on cement is creating problems in producing workable and economical moderate strength concrete

5/3/11

Currently producing minor revisions to scoping document. Discussed with Tom Tietz on 5/3/11. Ready Mix survey was completed to get feedback from concrete producers regarding specific mix design issues. Revised scoping document and survey will be circulated to Subtask Group members the week of May 9, 2011 so that options can be discussed at CT only Subtask Group 5/19/11 meeting.

Updates from March 17th Meeting:

Tom Tietz produced and proposed an updated scoping document for this activity. He would ultimately like for additional cost-benefit analysis to be done to add greater emphasis for the factors listed in the updated scoping document.

David and Mark next discussed the issues with Equation 2 that they have seen in southern California. They have encountered problems making strength with concrete designed in the 4000-6000 psi range without having large cost and not limiting the workability of the materials. Mark emphasized that the strength is especially difficult to achieve in freeze/thaw areas where 5-6% air content is needed.

Rob suggested that the next step for this activity would be to evaluate the items presented and create a timeline for when each of these points will be evaluated. John would help gather together the cost-benefit analysis and any history of issues that the new Section 90 has presented.

Group agreed that possible resolutions to this issue could be allowing additional cement content for concrete designated for 6000 psi and above, or changing Equation 1 to the "TC" value instead of "MC" value.

Updates from Feb 17th Meeting:

- Industry is taking the lead on this issue, and will provide updates to their CT-counterparts as soon as deliverables are finalized in the upcoming subtask group meeting

Project CRCP Design Details

Task Concrete **Subtask** CIP Concrete Pavement
Target Completion Date 7/1/2012 **Priority** 7 **Status** Active **Progress** 87.2 % **Rock Products Committee** YES

Purpose To assure that state funds are utilized in the most cost effective manner possible over the life of the pavement and that the product will meet its intended design life.

Overall The work on construction joint design detail has been completed. Meeting was held on Apr 8 to discuss end treatment guidance. Drafted new transverse steel detail for standard plan.

Project Lead	Flor Bautista	Office	Concrete Pavement	Phone	916-227-5843	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Develop standard plans and guides	Conc Pvmt	11/1/2005	9/10/2009	100	100	Approved			
# 2 Review changes to transverse steel	Conc Pvmt	2/1/2011	8/1/2011	100	100	Changes are done.			
# 3 Guidance for end treatments	Conc Pvmt	11/1/2010	8/1/2011	50	80	Met with Industry and national experts on 4/8/2011. Is reviewing other States' practices.			
# 4 Dealing with CRCP at cont. joints	Conc Pvmt	2/1/2011	8/1/2011	65	70	Has been completed. Will be reviewed on June 9 CIP-STG.			
# 5 Revise Standard Plans	Conc Pvmt	8/1/2011	10/1/2011	30	0	For transverse steel, Std. plan was drafted. Waiting for other changes to submit for review.			
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log May 2: The work on construction joint detail has been completed.

Project Update Construction Manual

Task Concrete **Subtask** Concrete Materials/QA
Target Completion Date 7/1/2012 **Priority** 8 **Status** Active **Progress** 8 % **Rock Products Committee** YES

Purpose 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.

Overall Subject matter experts creating workplans and drafts for section 4 subsections.

Project Lead	Austin Perez	Office	HQ Construction	Phone	(916) 227-5705	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Revise Sec 6 & 9 of Chapter 3 General Provisions	HQ Constr	12/1/2010	7/1/2012	5	35	Discussed in subtask group meeting			
# 2 Revise Chapter 4 Construction Details	HQ Constr	12/1/2010	7/1/2012	15	35	Discussed in subtask group meeting			
# 3 Revise Chapter 6 sampling and testing	HQ Constr	12/1/2010	7/1/2012	5	35	Discussed in subtask group meeting			
# 4				0	0				
# 5				0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log Priority swapped with performance based QC/QA specs based on discussion in task group meeting. Additionally the substantive work can only begin once the new specification is available.

Project Fully Pervious Concrete Pavement

Task Concrete **Subtask** CIP Concrete Pavement
Target Completion Date 7/1/2011 **Priority** 9 **Status** Active **Progress** 35 % **Rock Products Committee** YES

Purpose Develop guidance, specifications and plans for a fully pervious conc pavement for low-risk applications (e.g., parking lots, bike paths) that allows storm water and snowmelt to pass through the pavement and infiltrate into the surrounding materials.

Overall Schedule delayed in order to redirect resources to address technical changes to Section 40. The most recent draft spec (the working document) was sent out for info on 4/1/2011. Plan to have a meeting in June to resume the work.

Project Lead	Doran Glauz	Office	Concrete Pavement		Phone	916-227-5848	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status				
# 1 Usage guide	Conc Pvmt	7/1/2009	8/31/2011	10	90	This task was transferred to the Office of Storm Water Management.				
# 2 Draft Specification for Concrete	Conc Pvmt	7/1/2009	9/30/2011	80	85	A draft specification for pervious concrete pavement has been prepared and circulated for comments for the second run.				
# 3 Draft Specification for Base	Conc Pvmt	7/1/2009	9/30/2011	30	85	A draft specification for pervious base has been prepared. Discussion has been made on using the spec separately for each pervious pavement type, or have a common spec.				
# 4 Draft Specifications for interlocking pavers	Conc Pvmt	5/1/2011	12/30/2011	10	15	A draft spec has been prepared by Industry. It was sent out in May for information. Would review after concrete spec is completed.				
# 5				0	0					
# 6				0	0					
# 7				0	0					
# 8				0	0					

Log 5/3/11- Assumes usage guide will be developed by UCPRC through Environmental contract. If not, need 1 more year and 0.5 PY for Pavement to complete. There is a change of scope to prepare the draft seac (nSSP) and give it to Design to demo the project.

Project Bond Breaker

Target Completion Date 9/1/2011 **Priority** 10 **Status** Active **Progress** **Task** Concrete **Subtask** CIP Concrete Pavement **Rock Products Committee** YES

Purpose Investigate different alternatives available not to bond concrete pavement and LCB.

Overall Experimental tests were performed in the week of May 16 in Fresno. Waiting to analyze test results.

Project Lead	Office	Concrete Pavement	Phone	E-FIS Project Number	E-FIS Subtask Number	
Doran Glauz	Concrete Pavement	916-227-5436				
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Develop Test Section Alternatives	Conc Pvmt	3/1/2011	6/30/2011	5	80	Have proposed test section on construction project on Fre 180
# 2 Draft Bond Breaker Spec	Conc Pvmt	5/1/2011	6/30/2011	2	65	Short term update to create bond breaker spec using already approved items.
# 3 Finalize Bond Breaker Spec	Conc Pvmt	7/1/2011	9/30/2011	0	0	
# 4 Evaluate Test Section	Conc Pvmt	7/1/2011	6/30/2012	0	0	
# 5 Update Specifications with new products	Conc Pvmt	7/1/2012	12/30/2012	0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log 5/27/11-status update

5/13/11-A workplan for long-term evaluation of bond breaker options has been submitted on 5/4/11 for internal office review. Initiating development of short term spec update for already approved products.

5/9/11- Delayed schedule due to lower priority relative to the Bin List items for Plain Language.

Project Cement treated material (CTM)

Task	Foundation	Subtask	Treated Soils and Bases
Target Completion Date	1/1/2012	Priority	2
Status	Active	Progress	55 %
Rock Products Committee	YES		

Purpose Provide soil treatment as an alternative to bases.

Overall Subtask group meeting was held on 4-27-11. Next meeting 6/22/11. Remaining issues resolved and incorporated into draft. Draft guide RECEIVED from UCPRC. Need decision to distribute.

Project Lead	Paul Burdick	Office	Concrete Pavement and Foundations	Phone	916 227 5441	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task		Office	Start Date	End Date	Complete %	Elapsed %	Status		
# 1	Test Method review	Materials	6/1/2010	3/31/2011	100	100	Existing ASTM methods will be utilized for mix design. At 4-27 meeting, Construction requests field verification be under CT 216.		
# 2	Draft SSP to submit to FTG	Conc Pvmt	7/22/2009	8/30/2011	80	90	Reformatted to 2010 PLV. Issues resolved. Sent final draft to subtask group May 25, 2011. Comments due June 20, 2011.		
# 3	Guide	UCPRC	6/1/2010	8/30/2011	40	80	Submittal received from UCPRC. Sent to subtask group for review May 25, 2011. Comments due June 20, 2011		
# 4	SSP published by OE	Conc Pvmt	9/1/2011	1/1/2012	0	0			
# 5					0	0			
# 6					0	0			
# 7					0	0			
# 8					0	0			

Log 7/22/2009: Meeting held at TL. Draft specification based on Lime specification was produced.
 12/10/2009: Meeting held at TL. Comments were reviewed and decided to finalize test method.
 4/23/2010: Draft was send out for comments.
 6/24/2010: Comments were addressed and a draft was send out for comments.
 6/31/2010: UCPRC to provide draft (ver 2.0) guide for our review by the end of mid October.
 9/28/2010: Meeting was held with Rock Product subcommittee including UCPRC and decided to use existing ASTM D 1633 with modification to use ASTM D1557 for fabrication of test specimen for mix design. Also, use ASTM D 1557 for compaction quality test during construction.
 3/1/11: Awaiting UCPRC draft report.-pdb
 3/11/11: At FDR-FA meeeting on 3-8-11, David Jones said report has been delivered from Cal Poly and Chico and he is editing. He will pass on to Paul when completed.-pdb
 4/4/11: Updated dates.-pdb
 4/26/11: Updated Overall Progress on Project Data tab.--pdb
 5/4/11: Updated deliverables status per 4-27 meeting. Updated Overall Progress.--pdb

Project Full Depth Reclamation Using Foamed Asphalt

Task	Foundation	Subtask	Treated Soils and Bases
Target Completion Date	9/30/2011	Priority	3
Status	Active	Progress	72.5 %
Rock Products Committee		YES	

Purpose Develop design/construction Guidelines or Test Methods/Laboratory Procedures to facilitate implementation of FDR-FA in Caltrans projects.

Overall Assignments from review comments were due May 25. Some functions are past due. Meeting held on May 18 with CT functions yields recommendation to have contractor perform mix design; spec being updated for subtask group meeting June 8.

Project Lead	Paul Burdick	Office	Office of Pavement Engineering	Phone	916 227 5441	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task		Office	Start Date	End Date	Complete %	Elapsed %	Status		
# 1	Test Method	Materials	7/1/2008	6/30/2011	60	100	Caltrans meeting on May 18 recommends METS publish test method. Meeting planned on June 8 to explain to industry and get feed back.		
# 2	Report and Guideline Recommendations	UCPRC	7/1/2008	3/30/2011	100	100	UCPRC doc is final.		
# 3	Final Guidelines	Conc Pvmt	12/15/2010	11/30/2011	50	50	Robert Hogan working on new draft by July 30. Delayed to 11/30 due to mix design resp. change to contractor.		
# 4	Draft SSP to FTG	Conc Pvmt	3/8/2011	8/30/2011	50	50	New draft will be discussed at 6-8 meeting. Moved end date to 8/30/2011 because added changes need to be reviewed.		
# 5	SSP published by OE	Conc Pvmt	8/30/2011	11/30/2011	0	0	At June 8 meeting, possibility of pilot projects under nSSP will be discussed.		
# 6					0	0			
# 7					0	0			
# 8					0	0			

Log 6/2009: SSP is Completed

8/31/2010: Waiting for final UCPRC guide which is a part of \$1.8 m contract that ended on 6/30/2008. Reviewing UCPRC mix-design and testing method for D-02, SR 299 project. Observed field samplings and onsite testings (FWD and DCP) conducted

by UCPRC. UCPRC will inform when performing lab-tests on pulverised samples.

9/28/2010: Meeting with UCPRC pertaining to the comments on UCPRC-guidelines. Once UCPRC-guidelines is finalized, Caltrans version based on the UCPRC-guidelines will be developed.

12/30/2010: Received final Guideline document in word format from UCPRC. Development of document-structure for Caltrans version is started.-pdb

3/1/11: Subtaskgroup meeting held on 2-15-11. Drafts submitted for review/comments. Next meeting on 3-8-11.-pdb

3-11-11: Subtaskgroup meeting held on 3-8-11. Cancelled SSP for CFIPR reviewed for revisions. Next meeting on 4-13-11.-pdb

4/4/11: Updated lead info and Test Method target date.-pdb

4/11/11: Updates.-pdb

4/26/11: Updated Project Deliverable Status.-pdb

5/4/11: Updated Overall Progress and deliverable status.-pdb

5/24/11: Updated Overall Progress and deliverable status.-pdb

Project Full Depth Reclamation with Portland Cement (Pulverization)

Task Foundation **Subtask** Treated Soils and Bases
Target Completion Date 10/31/2012 **Priority** 4 **Status** Active **Progress** 37.5 % **Rock Products Committee** YES

Purpose Develop a standard special provision (SSP) for pulverized flexible pavement. Update existing guidance to include additives (cementitious material and lime). Create test procedures.

Overall Piloting nSSP in projects this summer (02-SIS-161-4.5/7.0; 02-PLU, LAS 147; PM 9.1/9.9,0.0/0.5, 1.1/1.8; 01-HUM-96; PM 0.62) Meeting was held on May 24. Industry recommends Gf = 0.9 + UCS/1000 formula.

Project Lead	Robert Hogan	Office	Concrete Pavement	Phone	916 227 5441	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 RPC Scoping Doc	Conc Pvmt	1/5/2011	1/31/2011	100	100	No comments. Scoping doc updated.			
# 2 NSSP/Pilot Projects	Conc Pvmt	1/5/2011	5/31/2012	50	30	Draft nSSP submitted to subtaskgroup for review/comments on 2/15/11. NSSP will be tested on a couple of projects.			
# 3 Additive Test Procedure	Materials	2/1/2011	7/29/2012	0	25	Need to develop. May drop and specify standard cement content.			
# 4 Pulverization Guide Update	Conc Pvmt	2/1/2011	10/31/2012	50	20	Draft guide submitted to subtask group for review/comments on 2-15-11.			
# 5 SSP to FTG	Conc Pvmt	5/31/2011	10/31/2011	0	5	Continue developing and hold for pilots.			
# 6 SSP published by OE	Conc Pvmt	5/31/2012	10/31/2012	0	0	Hold until pilots are evaluated.			
# 7				0	0				
# 8				0	0				

- Log** 8/31/2010: D-20 nSSP is under consideration to develop as SSP.
 12/30/2010: Handed all information to Robert Hogan. Workplan to be updated by Robert.
 1/4/11: Workplan updated. Need industry co-chair identified.
 2/15/11: Subtaskgroup meeting held. Drafts distributed for review/comment. Next meeting 3/8/11.-pdb
 3/11/11: Pulverization was not discussed at subtaskgroup meeting on 3/8 in deference to FDR-FA. Next meeting 4/13/11.-pdb
 3/14/11: Office meeting to discuss FDR. Cold foam SSP is priority and task group will not have resources to complete both FDR projects in parallel.-pdb
 4/4/11: Updated lead info.-pdb
 4/11/11: Updates.-pdb
 4-26-11: Updated Overall Progress in Project Data tab.-pdb
 5/4/11: Changed name to Full Depth Reclamation Using Cement. Also updated Overall Progress.--pdb

Project 2010 Specification (Plain Language)

Target Completion Date 5/15/2011 **Priority** 1 **Status** Active **Progress** **Task** Preservation **Subtask** 2010 Standard Specification
 95 % **Rock Products Committee** YES

Purpose Revise 2006 Standard specification and SSP to plain language, sections 37, 41, and 42

Overall Project Complete.

Project Lead	Office	Concrete Pavement		Phone		E-FIS Project Number	E-FIS Subtask Number
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %		Status
# 1 Section 37	Asphalt	6/1/2009	3/25/2011	100	100	Version 6 3-25-11	
# 2 Section 41	Conc Pvmt	11/15/2009	3/25/2011	100	100	Version 6 3-4-11	
# 3 Section 42	Conc Pvmt	11/15/2009	3/25/2011	100	100	Version 6 2-10-11	
# 4 Section 41 - 2006 Parallel Changes	Conc Pvmt	2/23/2011	5/18/2011	90	125	Submitted for final concurrence 3-23-11	
# 5				0	0		
# 6				0	0		
# 7				0	0		
# 8				0	0		

Log 3-23-11, Irouen, sect 41 parallel version sent for concurrence.
 5-13-11, Updated Status, PJV

Project Fog Seal

Target Completion Date 12/1/2013 **Priority** 2 **Status** Active **Progress** **Task** Preservation **Subtask** 65 % **Seals & Coats** Rock Products Committee YES

Purpose Investigating Fog Seal/Rejuvenator materials for skid resistance issues and introducing as a strategy again

Overall Reviewing test data and to revise specification language.

Project Lead	Douglas Mason	Office	Pavement Management	Phone	916-274-6058	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Develop project scope and identify deliverables	Asphalt	11/1/2005	5/4/2007	100	100	Completed. 5/4/07			
# 2 Construct and monitor test sections with material testing	Chico	6/1/2007	10/1/2011	80	95	Awaiting final report on test sections from CP2C			
# 3 MTAG Update	Asphalt	9/1/2011	4/1/2010	100	100	Completed MTAG update for State Forces 4/10/10			
# 4 Develop Draft Specifications (NSSP)	Asphalt	10/1/2011	1/2/2012	40	0	Awaiting report on test sections to finalize NSSP for comfort level on skid numbers			
# 5 Fund and construct pilot projects using NSSP	Asphalt	1/2/2012	10/1/2012	0	0				
# 6 Review Draft NSSP performance. Revise NSSP as necessary. Update and approve SSP.	Asphalt	12/1/2012	2/1/2013	0	0				
# 7 Training and Outreach	Asphalt	3/1/2013	12/1/2013	0	0				
# 8				0	0				

Log 4 sets of test section have been done.
 The subtask group needs to draft their proposed specification
 1/13/11, Irouen update targets and Pys
 2/14/11, Update target dates and task definitions, PJV
 4/25/11 - Status Update, SR
 5/6/11-Updated Status and Tasks definitions, DM

Project Cold In-Place Recycling

Target Completion Date 7/1/2012 **Priority** 3 **Status** Active **Progress** **Task** Preservation **Subtask** Recycling **Rock Products Committee** YES

Purpose Evaluate existing pilot projects and develop standardized lab procedures for mix design, project design and construction guidance, and standard specifications for CIR.

Overall Sub Task Group met on May 13, 2011 to begin review and update of work plan.

Project Lead	Hamid Moussavi	Office	Asphalt Pavement	Phone	916-274-6194	E-FIS Project Number	E-FIS Subtask Number
Deliverable or Task		Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Evaluate existing pilot projects		Chico	7/1/2008	11/1/2011	0	90	Pending
# 2 Develop standard specifications		Engr	11/1/2011	7/1/2012	0	0	Modifications to SSP
# 3 Standardize test methods/ lab procedures		Mets	7/1/2011	7/1/2013	0	0	
# 4 Develop guidelines/ MTAG update		Engr	11/1/2010	7/1/2012	0	35	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log 7/29/2010 Approximately 7 projects have been done and 3 more upcoming.

Project Rubberized Slurry Seal

Task Preservation **Subtask** Specifications
Target Completion Date 7/1/2014 **Priority** 4 **Status** Active **Progress** 26 % **Rock Products Committee** YES

Purpose NSSP for Rubberized Slurry Seal. There are at least 3 products (REAS, TRMS & TRMSS) used to produce and rubberized asphalt emulsion slurry seal. The REAS has been determined by our Legal division to be proprietary. There is a need for a generic.

Overall District-11 pilot project to be constructed in 2011.

Project Lead	Douglas Mason	Office	Pavement Management	Phone	916-227-6058	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Create NSSP	Asphalt	6/1/2009	5/1/2010	100	100	Completed			
# 2 Construct D-11 and D7 Test Section	District	2/15/2011	7/29/2011	30	70	Construction has not started on D11 project. D7 project was not constructed.			
# 3 Evaluation of Pilot projects	Chico	8/1/2011	8/1/2013	0	0				
# 4 SSP	Asphalt	8/1/2011	12/30/2011	0	0				
# 5 Guidelines	Chico	8/1/2011	12/30/2011	0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 9-1-2010, two REAS project are expected to be done this year, 11-277804 and 07-4Y3204. Need to plan projects for other methods.
5/13/11 - Updated Status, PJV

Project Full Depth Concrete Repair (Slab Replacement)

Target Completion Date 1/1/2013 **Priority** 5 **Status** Active **Progress** **Task** Preservation **Subtask** Concrete Repairs **Rock Products Committee** YES

Purpose Provide consistency in the specifications and plans used throughout the State.

Overall Consultant has finished draft slab replacement guide. Interim nSSP drafted 5-5-11.

Project Lead	Robert Hogan	Office	Concrete Pavement	Phone	916-227-5840	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Create interim nSSP	Conc Pvmt	3/1/2011	5/1/2011	100	100	Available for district use. District 8 reviewing.			
# 2 Circulate updated slab replace guidelines	Conc Pvmt	5/23/2011	5/31/2011	75	190	Guidelines drafted. Awaiting draft spec to send out for review.			
# 3 Draft new SSP to reflect need changes (ie D-7)	Conc Pvmt	3/1/2011	5/1/2011	100	100	Incorporated D7 proposals. Reviewing others.			
# 4 Review and Negotiate new SSP	Conc Pvmt	5/16/2011	10/3/2011	0	15				
# 5 Finalize new SSP	Conc Pvmt	10/3/2011	12/2/2011	0	0				
# 6 Update guidelines to reflect SSP changes	Conc Pvmt	9/1/2011	12/1/2011	0	0				
# 7				0	0				
# 8				0	0				

Log #1 Reorganization of slab replacement specifications is being accomplished by taking existing SSP language and reorganizing it in 2010 specs for concrete to resolve several issues on slab replacement and rapid strength concrete. 2-28-11, Lrouen. Updated PY estimates

Project Partial Depth Concrete (Spall) Repair

Target Completion Date 9/2/2012 **Priority** 6 **Status** Active **Progress**

Purpose Standard plans and specifications for partial depth (spall) repair.

Overall Project to begin in July 2011.

Project Lead Doran Glauz **Office** Concrete Pavement **Phone** 916-227-5436

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Update SSP for spall repair	Engr	7/1/2011	7/2/2012	0	0	
# 2 Standard plans for spall repair	Engr	7/1/2011	7/2/2012	0	0	
# 3 Update spall repair chapter	Chico	2/1/2012	9/1/2012	0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log 1/13/11, Irouen, updated targets and pys
2-28-11, verified pys. Lrouen

Task Preservation **Subtask** Rigid Pavement
0 % **Rock Products Committee** YES

E-FIS Project Number **E-FIS Subtask Number**

Project Scrub Seal

Target Completion Date **Priority** 7 **Status** Active **Progress** **Task** Preservation **Subtask** Seals & Coats
 6.2 % **Rock Products Committee** YES

Purpose Develop specifications to use scrub seal as a preservation method.

Overall Draft NSSP to be reviewed by Caltrans.

Project Lead	Douglas Mason	Office	Pavement Management	Phone	916-274-6058	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 NSSP	Asphalt	6/1/2009	9/1/2011	25	90	NSSP to begin internal circulation on June 1, 2011.			
# 2 Test Section	District	10/3/2011	8/1/2012	0	0				
# 3 Evaluation	Chico	4/2/2012	9/3/2012	0	0				
# 4 Develop SSP	Asphalt	7/1/2012	12/1/2012	0	0				
# 5				0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 5/13/2011 - Updated Status, PJV

Project Quieter Concrete Pavement

Task Preservation **Subtask** Concrete Repairs
Target Completion Date 12/1/2012 **Priority** 8 **Status** Active **Progress** 38 % **Rock Products Committee** YES

Purpose To reduce noise generated by tire-pavement interaction on concrete pavements. Next Generation Concrete Surface (NGCS) grind promises to reduce tire-pavement noise significantly.

Overall A meeting between Pavement and Larry Scofield (ACPA) is set for 5/10/11 to discuss nSSP for NGCS.

Project Lead	Linus Motumah	Office	Concrete Pavement	Phone	916-227-5851	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 NSSP for NGCS	Conc Pvmt	7/1/2008	1/1/2010	100	100	Approved			
# 2 Construct two pilot test sections	Conc Pvmt	1/1/2011	1/1/2012	40	45	Under Development			
# 3 Update and adopt NGCS specifications	Conc Pvmt	1/1/2012	7/1/2012	0	0				
# 4 Update Quieter Pavement policy	Conc Pvmt	1/1/2012	7/1/2012	0	0				
# 5 Complete 3rd year rigid QP research & report	UCPRC	7/1/2010	7/1/2011	50	95	Draft report reviewed.			
# 6 Develop conc texture performance curves	Conc Pvmt	7/1/2011	12/1/2012	0	0				
# 7				0	0				
# 8					0				
Log									

Project Hot In-Place Recycling (HIR)

Target Completion Date 7/15/2011 **Priority** 9 **Status** Active **Progress** **Task** Preservation **Subtask** Recycling 56 % **Rock Products Committee** YES

Purpose Create Specifications for HIR

Overall Evaluation report to be completed in July 2011. Preliminary findings conclude that the strategy had minimum success.

Project Lead	Hamid Moussavi	Office	Asphalt Pavement	Phone	E-FIS Project Number	E-FIS Subtask Number
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Evaluate Pilot Project (02-TRI-299)	Chico	7/1/2010	10/1/2010	100	100	Done
# 2 Develop Evaluation Report	Asphalt	8/1/2010	12/31/2010	100	100	Done
# 3 Review and Finalize Evaluation Report	Asphalt	1/3/2011	7/15/2011	80	80	CT is supplying comments to CP2C.
# 4				0	0	
# 5				0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log An nssp is to be used for a HIR project 02-TRI-299, beginning August 9 2010. Use of HIR was suspended on this project after 6 lane-miles (out of 20 total) due to roughness and poor surface characteristics. UCPRC reports recycling machines were underpowered. D2 RE Wayne Rinard 530-515-4587.
5/13/2011 - Updated Status, PJV

Project Polymer Modified Chip Seal (PM/TR)

Target Completion Date 6/30/2013 **Priority** 10 **Status** Active **Progress** **Task** Preservation **Subtask** 17.5 % **Specifications** Rock Products Committee YES

Purpose Improve and expand the polymer modified chip seal spec to include terminal blend rubber

Overall Sub Task Group to evaluate and update work plan.

Project Lead	Douglas Mason	Office	Pavement Management	Phone	916-274-6058	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Develop NSSP	Asphalt	12/1/2008	12/1/2010	100	100	Done			
# 2 Evaluation Report	Chico	10/1/2010	4/1/2011	20	135				
# 3 Update Guidelines	Asphalt	3/1/2011	6/30/2011	0	80				
# 4 Complete final SSP	Asphalt	12/1/2008	6/30/2013	25	55	Under Development			
# 5				0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log Test section have been completed in district 11.

NSSP is currently in use.

1/13/11, Irouen, updated Pys

2/9/11, Added nSSP deliverable

5/6/11, Modified order of deliverables, DM

Project Warm Mix Asphalt Rubber Chip Seal

Target Completion Date 6/30/2013 **Priority** 11 **Status** Active **Progress** **Task** Preservation **Subtask** 20 % **Seals & Coats** Rock Products Committee YES

Purpose Introduce WMA technology into asphalt rubber chip seal strategies.

Overall Project selected in District-7 and reviewing contractor proposal.

Project Lead	Douglas Mason	Office	Pavement Management	Phone	916-274-6058	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Nssp	Asphalt	8/3/2010	5/1/2011	100	100	Done			
# 2 Test Projects	District	7/1/2011	9/30/2011	0	0	Selected 07-Ven-150 and targetting 2 more.			
# 3 Evaluation of Project	Chico	7/1/2011	9/30/2012	0	0				
# 4 Evaluation Report	Chico	7/1/2011	12/1/2012	0	0				
# 5				0	0				
# 6				0	0				
# 7				0	0				
# 8				0	0				

Log 8/3/10-nssp just being developed for possilbe CT demo project in D6, Fresno Rte 5.
 1/11/11, Irouen, revised Pys and target dates.
 2/14/11, Rewrite purpose and need, PJV

Project Chip Seal Just In Time Training (JITT)

Target Completion Date 6/30/2011 **Priority** 12 **Status** Active **Progress**

Task Preservation **Subtask** Training
60 % **Rock Products Committee** YES

Purpose Train CT and contractor personnel on Chip Seal construction.

Overall Construction to perform review of module.

Project Lead Hector Romero **Office** Asphalt Pavement **Phone** 916-274-6194

E-FIS Project Number **E-FIS Subtask Number**

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Create JITT Module	Industry	1/3/2010	11/1/2010	100	100	Complete
# 2 Review and Finalize JITT Module	HQ Constr	11/1/2010	3/31/2011	0	145	
# 3 Update Specifications	Asphalt	2/15/2011	6/30/2011	0	85	
# 4 Post on Web	Asphalt	6/30/2011	6/30/2011	0	0	
# 5				0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log 8/3/2010-Draft JITT is in review
1/13/11, Irouen, info up to date
4/25/11 - Status Update, SR

Project Joint Sealing

Target Completion Date 7/1/2011 **Priority** 13 **Status** Active **Progress** **Task** Preservation **Subtask** Concrete Repairs **Rock Products Committee** YES

Purpose Assure that the state funds are used in the most efficient manner possible over the life of the pavement.

Overall At meeting on 3/23 experimental project was discussed. At meeting on 4/08 work plan for experimental project was discussed. Next meeting being scheduled for June to resolve comments.

Project Lead	Flor Buatista	Office	Concrete Pavement	Phone	916-227-5843	E-FIS Project Number		E-FIS Subtask Number	
Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status			
# 1 Caltrans Joint Seal Practice Report	Conc Pvmt	7/1/2010	6/1/2011	90	100	writing report between other tasks. Incorporating comments.			
# 2 Test Section for 1/4" joints with seal, 1/8" no seal	Conc Pvmt	9/1/2010	4/30/2012	20	45	Finalizing the test section work plan developed by Industry.			
# 3 Section 40-1.02L(4)-joint width/depth compression	Conc Pvmt	2/1/2011	2/1/2012	0	35	under development			
# 4 40-1.03E(6)-splicing of transverse seal	Conc Pvmt	2/1/2011	2/1/2012	0	35	under development			
# 5 40-8.03C(8)-install PCS as an option.	Conc Pvmt	2/1/2011	2/1/2012	0	35	under development			
# 6 Update Std Plans, Specs, and Manuals for joints	Conc Pvmt	3/1/2011	8/30/2012	0	20	has not started yet.			
# 7				0	0				
# 8				0	0				

Log 03-23-11, Irouen. Updated deliverables and dates.

04-08-11, fbautista. Teleconference was held to discuss test section work plan developed by Industry. Industry to expect comments and incorporate them in the workplan.

Project Micro-Surfacing JITT

Target Completion Date 6/30/2011 **Priority** 14 **Status** Active **Progress**

Task Preservation **Subtask** 25 % **Training** Rock Products Committee **YES**

Purpose Train CT and contractor personnel on micro-surfacing construction

Overall Construction to perform review of module.

Project Lead Hector Romero **Office** Asphalt Pavement **Phone** 916-274-6194

E-FIS Project Number

E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 JITT for Micro-Surfacing	Industry	1/3/2010	11/1/2010	50	170	
# 2 Final JITT	HQ Constr	2/1/2011	6/30/2011	0	85	
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log 1/13/11, Irouen, verified pys and target