ROCK PRODUCTS COMMITTEE

WORK PLAN STATUS

May 4, 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”

STATE OF CALIFORNIA
PAVEMENT PROGRAM STATUS CALENDAR

DEPARTMENT OF TRANSPORTATION

2011

ROCK PRODUCTS COMMITTEE / PAVEMENT PROGRAM STATUS CALENDAR

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
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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
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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

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22	23	24	25	26	27	28
29	30	31				

JUN

S	M	T	W	T	F	S
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JUL

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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
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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

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						1
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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				

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 Hoildays
- 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.

3/30/2011

Project	**Warm Mix Asphalt**	**Task Group**	Asphalt	**Subtask Group**	Warm Mix Asphalt		
Target Completion Date	1/1/2012	**Priority**	2	**Status**	Active	**Progress**	25 %
Rock Products Committee	YES						

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

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

Project Lead	Catrino Barros	**Office**	Roadway Materials	**Phone**	227-7162	**E-FIS Project Number**	
E-FIS Subtask Number							

	Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1	Approval process	Asphalt	6/30/2009	3/18/2011	100	100	Approved 3/18/11
# 2	Testing requirements for WMA	Asphalt	9/1/2010	3/31/2011	0	110	Under Development
# 3	Guidance for selecting WMA additives	Asphalt	9/1/2010	9/30/2011	0	60	Under Development
# 4	Contractor Option NSSP	Asphalt	9/1/2010	1/30/2012	25	45	Under Development
# 5	Construction Policy Bulletin	Constr	5/1/2011	6/30/2011	0	0	Under Development
# 6	Training	Asphalt	4/1/2011	6/30/2011	0	30	
# 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.
1/19/11 - Update status, PJV
4/25/11 - Update Statys, SR

Project	**HMA Materials Test Methods**	**Task Group**	Asphalt	**Subtask Group**	Specifications		
Target Completion Date	5/15/2011	**Priority**	3	**Status**	Active	**Progress**	98.9 %
Rock Products Committee	YES						

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

Overall Progress CT 205 only outstanding test method.

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 201,202,204,205,206,207,208,209, 211,212,214,217	Mets	5/8/2008	5/15/2011	95	100	205/209 Nearly compl.
# 2	CT 226,227,229,234,235	Mets	5/8/2008	12/31/2010	100	100	Done
# 3	CT 304M,304C,308,309,366,367	Mets	5/8/2008	12/31/2010	100	100	Done
# 4	CT 101,102,103,104,105,106,125,310	Mets	5/8/2008	12/31/2010	100	100	Done
# 5	CT 362,371,375,379,382	Mets	5/8/2008	3/4/2011	99	105	371 Under review
# 6	CT 368	Mets	5/8/2008	12/31/2010	100	100	Done
# 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.
Test Methods nearly completed as of 12/2010
Status update PV 1/19/2011
4/25/11 - Status Update, SR

Project	Moisture Sensitivity of HMA	Task Group	Asphalt	Subtask Group	Moisture Sensitivity

Target Completion Date	12/31/2013	Priority	4	Status	Active	Progress	23 %	Rock Products Committee	YES

Purpose Indentify test to evaluate moisture sensitivity of HMA and the treatment alternatives for mositure sensitive HMA

Overall Progress Evaluating data of different test methods.

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	12/31/2011	50	85	Under development
# 2	Recommend a test for discriminating MS mixes	Asphalt	10/1/2010	9/30/2011	20	55	Under development
# 3	Develop an implementation plan	Asphalt	7/1/2011	9/30/2012	0	0	
# 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 worplan 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.
4/25/11 - Status Update, SR

Project	**Section 39 Smoothness (Short Term)**	**Task Group**	Asphalt	**Subtask Group**	Smoothness		
Target Completion Date	5/31/2011	**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 Progress Developing Construction Procedure Directive.

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 smmothness specifications in Section 39	Asphalt	7/1/2010	12/31/2010	100	100	Done
# 2	Construction Policy Directive	Asphalt	11/1/2010	5/31/2011	50	85	Under Development
# 3					0	0	
# 4					0	0	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log
1-19-11, Update Status PJV
4-25-11, Update Status SR

Project	**Section 39**	**Task Group**	Asphalt	**Subtask Group**	Section 39		
Target Completion Date	6/30/2013	**Priority**	6	**Status**	Active	**Progress**	24 %
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 Progress

Project Lead	Kee Foo	**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 issues)	Asphalt	3/21/2011	9/30/2011	15	20	2 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	0	
# 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
Mactec Contract TO 20 signed 11/2010. Estimated Completion 3/2011
4/11/11 - Mactec has completed report (Item 8); Report sent out for Industry review

Project	Quieter Flexible Pavement	Task Group	Asphalt	Subtask Group	Quieter Pavement

Target Completion Date	6/30/2012	Priority	7	Status	Active	Progress	31 %	Rock Products Committee	YES

Purpose To reduce noise generated by tire-pavement interaction on flexible surface courses.

Overall Progress

Project Lead	Rupinder Dosanjh	Office	Asphalt Pavement	Phone	274-6078	E-FIS Project Number		E-FIS Subtask Number	

	Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1	Conduct laboratory evaluation of OGFC mixes	UCPRC	7/1/2009	6/30/2010	95	180	To be published date
# 2	Conduct field & HVS evaluation	UCPRC	7/1/2010	6/30/2011	10	80	Under Development
# 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	80	Ongoing research
# 7					0	0	
# 8					0	0	

Log

Project	**RHMA Usage**	**Task Group**	Asphalt	**Subtask Group**	Specifications		
Target Completion Date	6/30/2012	**Priority**	7	**Status**	Active	**Progress**	27 %
Rock Products Committee	YES						
Purpose	Evaluate Rubberized HMA (RHMA) performance and improve specifications, mix design requirements, and construction as appropriate.						
Overall Progress	Revising and updating work plan.						
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	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	10	40	Under Development
# 3	RHMA mix design & performance evaluation	Asphalt	6/30/2010	6/30/2012	5	40	Need update work plan
# 4	Use/Evaluation of Type I vs.Type II	Asphalt	7/1/2011	6/30/2012	0	0	Need Type I specs/projects
# 5	MPQP	HQ Constr	6/30/2010	6/30/2011	50	80	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.
4/25/11 - Status Update, SR.

Project	**Section 39 Smoothness (Long Term)**	**Task Group**	Asphalt	**Subtask Group**	Smoothness		
Target Completion Date	6/29/2012	**Priority**	8	**Status**	Active	**Progress**	21 %
Rock Products Committee	YES						

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

Overall Progress Developing plan and selecting projects for introducing intertial profiler on projects in 2011.

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	Evaluate Inertial Profiler Specifications	Asphalt	7/1/2010	6/30/2011	50	80	Under development
# 2	Test Method, Equipment, & Calibration	Mets	1/31/2011	12/31/2011	20	25	Literature search going on
# 3	Update Specification & Acceptance Criteria	Asphalt	10/3/2011	12/31/2011	10	0	
# 4	Adopt Specification & Acceptance Criteria	Asphalt		1/2/2012	0	100	
# 5	Construction Policy Bulletin	Constr	7/1/2011	12/30/2011	0	0	
# 6	Training	Asphalt	1/2/2012	6/29/2012	0	0	
# 7	Select projects to pilot spec/profiler	Asphalt	2/15/2011	5/31/2011	0	65	
# 8					0	0	

Log
1/19/11, Update Requestor, Lead info, PJV
2/14/11, Update targets dates, PJV
4/25/11, Status Update, SR

Project	**Safety Edge (asphalt)**	**Task Group**	Asphalt	**Subtask Group**	Safety Edge		
Target Completion Date	12/30/2011	**Priority**	9	**Status**	Active	**Progress**	46 %
Rock Products Committee	YES						

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

Overall Progress Draft standard details and specs. are being developed.

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	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	80	Identifying Projects
# 3	Establish criteria for where to place Safety Edge	Asphalt	9/1/2010	4/1/2011	10	110	Under Development
# 4	Update manuals, specs, and plan	Asphalt	2/1/2011	6/30/2011	0	55	
# 5	Adopt Safety Edge (Policy, Spec, Plan)	Asphalt	7/1/2011	9/30/2011	0	0	
# 6	Outreach (bulletins & training)	Asphalt	5/1/2010	12/30/2011	25	60	
# 7					0	0	
# 8					0	0	

Log
2/14/11 - Update target dates, PJV
4/25/11 - Status Update, SR

Project	**HMA leveling course**	**Task Group**	Asphalt	**Subtask Group**	Specifications		
Target Completion Date	6/30/2011	**Priority**	10	**Status**	Active	**Progress**	2.5 %
Rock Products Committee	YES						

Purpose Develop leveling course specification to include provisions for addressing issues related to super-elevation corrections, profile corrections, crown shifts, or any other type of geometric correction.

Overall Progress Developing guidelines.

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	Guidelines	Asphalt	7/1/2010	6/30/2011	5	80	Under Development
# 2	Specifications	Asphalt	7/1/2010	6/30/2011	0	80	Under Development
# 3					0	0	
# 4					0	0	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log
1/19/11, Looking for assistance from consultant on guidelines.
4/25/11 - Status Update, SR.

Project	**Longer Life Flexible Pavements**	**Task Group**	Asphalt	**Subtask Group**	Section 39		
Target Completion Date	6/30/2013	**Priority**	14	**Status**	Active	**Progress**	47 %
Rock Products Committee	YES						

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

Overall Progress

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	80	80	
# 2	Monitoring I-710 pavement performance	UCPRC	6/30/2010	6/30/2013	75	25	
# 3	Specification	Asphalt	6/30/2011	6/30/2013	80	0	Developing D2
# 4	Guide	Asphalt	6/30/2011	6/30/2013	0	0	
# 5	Test Method	Mets	6/30/2011	6/30/2013	0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log

12/2/2009 - Caltrans/Industry meeting on long life meeting. Info only.
2/4/2020 - Caltrans/Industry meeting on long life meeting. Need district participation and projects.
Districts need to propose projects.
12/9/2010 - Caltrans/Industry meeting on long life meeting. Two projects in D2 were discussed. UCPRC will conduct lab testing.
1/6/2011 - CT/industry meeting discussed progress of the projects and reviewed action items.
4/4/2011 - CT/Industry have a project meeting every two weeks to discuss project status and progress.

Project	Materials Plant Quality Program (MPQP) RHMA	Task Group	Asphalt	Subtask Group	Construction/Plants

Target Completion Date	6/30/2011	Priority	17	Status	Active	Progress	50 %	Rock Products Committee	YES

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

Overall Progress Performing review and comment phase with industry.

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	50	80	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/opinons 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 opinons 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.
4/25/11 - Status Update, SR.

Project	2010 Plain Language Update	Task Group	Concrete	Subtask Group	Precast Concrete

Target Completion Date	7/1/2011	Priority	1	Status	Active	Progress	64 %	Rock Products Committee	YES

Purpose Existing specifications are being converted to “Plain Language” format to streamline project development, eliminate redundant specification language, and to provide clear and concise language for projects.

Overall Progress Ruth Fernandes updated status of Plain Language at Caltrans & Industry meeting on 3/17/11. Industry expressed strong interest in moving to ASTM standards away from CTMs wherever possible. Bin list items are being reviewed from 2010 Plain Language updates.

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	Industry feedback on section 90	Industry	11/10/2010	12/3/2010	100	100	feedback received from industry and comments compiled V4
# 2	Industry Feedback on Section 50	Industry	10/29/2010	11/28/2010	100	100	feedback received from industry and comments compiled V4
# 3	Industry Feedback on Section 51	Industry	11/18/2010	12/20/2010	100	100	feedback received from industry and comments compiled V4
# 4	Review of Comments by SOE	Other	11/10/2010	7/1/2011	100	100	SOE compiled their comments in minutes
# 5	Feedback to STGs	Materials	11/10/2010	7/1/2011	70	70	Ruth Fernandes to give feedback on industry comments at March 17th meeting.
# 6	Finalize Specification	OE	4/1/2011	7/1/2011	0	25	
# 7					0	0	
# 8					0	0	

Log

Project	2010 Plain Language Update	Task Group	Concrete	Subtask Group	Concrete Materials/QA

Target Completion Date	7/1/2011	Priority	1	Status	Active	Progress	64 %	Rock Products Committee	YES

Purpose Existing specifications are being converted to “Plain Language” format to streamline project development, eliminate redundant specification language, and to provide clear and concise language for projects.

Overall Progress Ruth Fernandes updated status of Plain Language at Caltrans & Industry meeting on 3/17/11. Industry expressed strong interest in moving to ASTM standards away from CTMs wherever possible. Bin list items are being reviewed from 2010 Plain Language updates.

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	Industry Feedback on Section 90	Industry	11/10/2010	12/31/2010	100	100	feedback received from industry and comments compiled V4
# 2	Industry Feedback on Section 50	Industry	10/29/2010	11/28/2010	100	100	feedback received from industry and comments compiled V4
# 3	Industry Feedback on Section 51	Industry	11/18/2010	12/20/2010	100	100	feedback received from industry and comments compiled V4
# 4	Review of Comments by SOE	Other	11/10/2010	2/1/2011	100	100	SOE compiled their comments in minutes
# 5	Feedback to STGs	Materials	11/10/2010	7/1/2011	70	70	Ruth Fernandes to give feedback on industry comments at March 17th meeting.
# 6	Finalize Specification	OE	4/1/2011	7/1/2011	0	25	
# 7					0	0	
# 8					0	0	

Log

Updates from March 17 Meetings:
Ruth indicated that the new 2010 spec may be available online in early April 2011.
The group proceeded to review the feedback to the Section 90 V4 Specifications.

Updates from Feb 17 Meetings:
• V5 has been sent out for section 50 for concurrence. V5 Section 90 is still under discussion for concurrence from Construction.

Project	Section 40 Technical Changes	Task Group	Concrete	Subtask Group	CIP Concrete Pavement

Target Completion Date	12/30/2011	Priority	2	Status	Active	Progress	24.8 %	Rock Products Committee	YES

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

Overall Progress Discussion was made at 3/10/11 meeting on high priority issues that was brought up earlier at 1/11/2011 meeting (Tie Bar Placement Tolerance, Friction Test Timing, CoTE, and CT 559) and actions (as mentioned in the Log) were made.

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	5/15/2011	10	50	Meeting is scheduled for May 15.
# 4	Prepare scoping document and work plan for major issues	Other	5/15/2011	7/1/2011	5	0	
# 5	Resolve issues as planned	Conc Pvmt	5/15/2011	10/1/2011	10	0	
# 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

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	**Precast concrete pavement**	**Task Group**	Concrete	**Subtask Group**	Precast Concrete		
Target Completion Date	12/31/2012	**Priority**	2	**Status**	Active	**Progress**	17.2 %
Rock Products Committee	YES						

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

Overall Progress Specification and plans for I-710 precast project was reviewed. Comments were made and discussed at 3/29 meeting in D7. A meeting is scheduled for 4/12 to continue working on "global" spec.

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	Darft Plans & Spec for pilot project	District	7/1/2010	5/1/2011	80	100	The requirements to complete the project for HQ approval and the comments/questions have been sent to D7 for consideration.
# 2	Evaluate previous projects	Conc Pvmt	7/1/2010	12/31/2012	15	35	The performance issues (slab cracking) of the newly placed I-15 project is under evaluation.
# 3	Pilot Projects	Conc Pvmt	7/1/2010	9/30/2012	30	35	Draft Standard Plans and Specs are about 25% complete, they were discussed in the Feb 17th meeting
# 4	Proposed Std Plan & Specifications to Task Group	Conc Pvmt	12/1/2010	9/30/2012	0	20	
# 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

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 wat 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	**Safety Edge (concrete)**	**Task Group**	Concrete	**Subtask Group**	CIP Concrete Pavement		
Target Completion Date	12/30/2012	**Priority**	3	**Status**	Active	**Progress**	30 %
Rock Products Committee	YES						

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

Overall Progress A presentation on this topic is scheduled for April. Looking for concrete project to demo.

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	4/1/2011	100	100	Specification and construction detail for installing safety edge for concrete paving projects
# 2	Demo specification and plan on concrete projects	Conc Pvmt	4/1/2011	8/30/2011	0	15	Identify demo oprojects and include the safety edge spec and monitor/evaluate the installation
# 3	Adopt Safety Edge (Policy, Spec, Plan)	Conc Pvmt	8/30/2011	10/30/2011	0	0	Prepare policy changes to include the safety edge as a standard practice
# 4	Update manuals, specs, and plan	Conc Pvmt	10/1/2011	10/30/2011	0	0	Update relevant manuals and standards such as HDM
# 5	Outreach (bulletins & training)	Conc Pvmt	4/1/2011	6/30/2012	0	5	Promotion and trainning
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log

Project	**Precast Structures Specfication**	**Task Group**	Concrete	**Subtask Group**	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 Progress No activity in this period.

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	15	draft proposal is being finalized
# 3	Gather and compile feedback	Materials	2/1/2012	5/1/2012	0	0	
# 4	Finalize Spec	Materials	5/1/2012	7/1/2012	0	0	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log 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	**Develop Performance-Based QC/QA Spec**	**Task Group**	Concrete	**Subtask Group**	Concrete Materials/QA		
Target Completion Date	7/1/2012	**Priority**	4	**Status**	Active	**Progress**	16 %
Rock Products Committee	YES						

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

Overall Progress Project teams have been formed. John Lammers from Structure Construction is point, tracking tasks and deliverables. Currently outlining QC/QA/IQA program using FHWA Roadmap. Meetings are 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	4/30/2011	50	95	These are being compiled
# 2	Develop outline for QC/QA/IQA/IA program	Materials	3/1/2011	6/30/2011	10	45	
# 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

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 differnces 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	Coefficient of Thermal Expansion (CoTE)	Task Group	Concrete	Subtask Group	CIP Concrete Pavement

Target Completion Date	6/30/2012	Priority	4	Status	Active	Progress	11 %	Rock Products Committee	YES

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

Overall Progress Short Term - A proposed language to include CoTE testing as part of the mix design pre-qualification/approval (in appose to production testing) has been prepared and circulated for review/comment.

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	5/1/2011	50	95	A meeting was held on 3/10/11 to discuss.
# 2	Gather Data (freq. & action for non-compliance)	Conc Pvmt	1/1/2011	9/30/2011	5	40	
# 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

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	**Precast QC QA Provisions**	**Task Group**	Concrete	**Subtask Group**	Precast Concrete		
Target Completion Date	7/1/2012	**Priority**	4	**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 Progress No activity in this period.

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	15	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

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	Revise QPL/AML Process for Cement and SCMs	Task Group	Concrete	Subtask Group	Concrete Materials/QA
Target Completion Date	6/30/2011	Priority	5	Status	Active
Progress	78.8 %	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 Progress Rob Reis is finalizing Industry comments. Discussed yesterday with Tom Tietz, co-chair of Sub Task Group. Minor issues (Grace periods for AMRL accreditation)

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	85	80	draft AML process has been discussed at internal subtask group meeting
# 5	Receive feedback on AML Process	Materials	2/15/2011	5/17/2011	85	75	feedback is currently being incorporated
# 6	Revise process and finalize	Materials	3/17/2011	6/30/2011	20	35	Additional feedback will be received from industry and process will be finalized
# 7					0	0	
# 8					0	0	

Log 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 Group	Concrete	Subtask Group	CIP Concrete Pavement
Target Completion Date	7/1/2013	Priority	5	Status	Active
Progress	11.2 %	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 Progress Two meetings (chaired by Peter Vacura) was conducted for overall smoothness issue. A meeting is scheduled for 4/11 to go over proposed "shadow spec" for concrete pavement.

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 Pvmt	8/2/2010	5/2/2011	75	95	Update draft & meet with HQ Const early April
# 2	nSSP for inertial profiler use on conc grinding	Conc Pvmt	4/1/2011	5/2/2011	0	75	Not begun
# 3	Pilot nSSP on 2011 construction projects	Conc Pvmt	5/2/2011	8/31/2012	0	0	Awaiting nSSP
# 4	Develop IRI smoothness acceptance values	Conc Pvmt	5/2/2011	12/30/2011	0	0	Researching other DOTs
# 5	Equip & operator certification procedure	Conc Pvmt	7/1/2011	4/2/2012	0	0	Work with METS & UCPRC
# 6	SSP for IRI smoothness acceptance	Conc Pvmt	7/1/2011	12/30/2011	0	0	Ready for 2012 season
# 7	Develop guidance/CPD/training (incl ProVal)	Conc Pvmt	5/30/2011	3/2/2012	0	0	Need for nSSP & SSP
# 8	Ongoing monitoring and evaluation	Conc Pvmt	6/3/2011	12/31/2012	0	0	Not begun

Log First meeting with new joint AC/conc smoothness TG 3/1/11. Follow up webconf & subsequent conc industry teleconf 3/16/11. Waiting for HQ Const availability to schedule CT policy meeting. 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 to find the correlation, set acceptance criteria, and plan the transition. A "shadow spec" is prepared and sent out to construction for comments. A meeting is scheduled on Apr. 11 to discuss the spec internally before sending it out for Industry review.

Project	**RSC for JPCP**	**Task Group**	Concrete	**Subtask Group**	CIP Concrete Pavement		
Target Completion Date	7/15/2011	**Priority**	6	**Status**	Active	**Progress**	14 %
Rock Products Committee	YES						
Purpose	Prepare specification for use of rapid strenght concrete (RSC) for new construction of jointed plain concrete pavement (JPCP)						
Overall Progress	A draft spec for JPCP using RSC is prepared.						
Project Lead	Mehdi Parvini	**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	70	120	
# 2	Review draft spec	Other	4/15/2011	4/30/2011	0	65	
# 3	Circulate draft spec (Industry, districts, Const., etc.)	Conc Pvmt	4/30/2011	6/1/2011	0	0	
# 4	Address comments	Conc Pvmt	6/1/2011	6/30/2011	0	0	
# 5	Send for final review	Conc Pvmt	7/1/2011	7/1/2011	0	0	
# 6	Adopt the spec	Conc Pvmt	7/1/2011	7/15/2011	0	0	
# 7					0	0	
# 8					0	0	

Log

Project	**Statewide Aggregate Source Approval**	**Task Group**	Concrete	**Subtask Group**	Concrete Materials/QA		
Target Completion Date	7/1/2012	**Priority**	6	**Status**	Active	**Progress**	26 %
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 Progress 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	District	2/18/2011	4/30/2011	30	95	Existing databases are being evaluated
# 3	Determine applicable tests	District	2/18/2011	4/30/2011	30	95	Applicable tests are being determined
# 4	Establish pilot database	Materials	4/30/2011	6/30/2011	0	0	
# 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

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	High Strength Concrete	Task Group	Concrete	Subtask Group	Concrete Materials/QA

Target Completion Date	12/1/2011	Priority	7	Status	Active	Progress	9 %	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 Progress Industry submitted revised problem statement, asking for a number of items related to how the Dept evaluated/developed changes to Sec 90. Concern over availability of SCMs and limits on Equation 2 of Sec 90 and making strength of 4000psi workable mix.

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	90	130	Industry to give updated Problem Statement in next STG meeting
# 2	Review updated Problem Statement	Materials	3/17/2011	4/17/2011	0	125	
# 3	Develop work Plan and create project teams (if needed)	Industry	4/17/2010	5/31/2011	0	90	
# 4	Discuss potential solutions and recommend any revisions to specs	Materials	5/31/2011	6/30/2011	0	0	
# 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 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 Group	Concrete	Subtask Group	CIP Concrete Pavement

Target Completion Date	7/1/2012	Priority	7	Status	Active	Progress	80.5 %	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 Progress Working on a construction joint design detail to address issues raised by Industry. Meeting Apr 8 in Stockton to discuss end treatment guidance. Drafted new transverse steel 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 standards 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	10	65	Met with Industry and national experts on 4/8/2011.
# 4	Dealing with CRCP at cont. joints	Conc Pvmt	2/1/2011	8/1/2011	50	45	has not started yet
# 5	Revise Standard Plans	Conc Pvmt	6/1/2011	2/1/2012	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

Project	Update Construction Manual	Task Group	Concrete	Subtask Group	Concrete Materials/QA

Target Completion Date	7/1/2012	Priority	8	Status	Active	Progress	5 %	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 Progress Kickoff meeting held. Project teams and subject matter leads have been selected.

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	25	Discussed in subtask group meeting
# 2	Revise Chapter 4 Construction Details	HQ Constr	12/1/2010	7/1/2012	5	25	Discussed in subtask group meeting
# 3	Revise Chapter 6 sampling and testing	HQ Constr	12/1/2010	7/1/2012	5	25	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	Quieter Rigid Pavement	Task Group	Concrete	Subtask Group	Fully Pervious Pavement

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 rigid pavements. New Generation Concrete Suface (NGCS) grind promises to reduce tire-pavement noise significantly.

Overall Progress Working with Structures and Environmental on statewide Quieter Surface Policy.

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	30	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	80	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	Fully Pervious Concrete Pavement	Task Group	Concrete	Subtask Group	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 that allows storm water and snowmelt to pass through the pavement and infiltrate into the surrounding materials.

Overall Progress 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 May to continue the work.

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	Usage guide	Conc Pvmt	7/1/2009	8/31/2011	10	85	A template for usage guide has been prepared. It basically defines the layout and is a place holder for detail description.
# 2	Draft Specification for Concrete	Conc Pvmt	7/1/2009	6/30/2011	80	90	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	6/30/2011	30	90	A draft specification for pervious base has been prepared. Discussion has been made on using thespec separately for each pervious pavement type, or have a common spec.
# 4	Draft Specifications for interlocking pavers	Conc Pvmt	2/1/2011	8/30/2011	10	40	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log
Assumes usage guide will be developed by UC Davis 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	Task Group	Concrete	Subtask Group	CIP Concrete Pavement

Target Completion Date	9/1/2011	Priority	10	Status	Active	Progress	4.2 %	Rock Products Committee	YES

Purpose Investigate different alternatives available not to bond PCCP and LCB.

Overall Progress Work was postponed to focus on technical changes to Section 40.

Project Lead	Doran Glauz	Office	Concrete Pavement	Phone	916-227-5436	E-FIS Project Number		E-FIS Subtask Number	

	Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1	Evaluate Alternatives	Other	3/1/2011	7/1/2011	5	45	The alternative of applying curing compound just before the surface layer is considered.
# 2	Draft Bond Braker Spec	Conc Pvmt	7/1/2011	9/1/2011	0	0	
# 3	Adopt Specification Changes	Conc Pvmt	9/1/2011	12/30/2011	0	0	
# 4	Update Manuals and Guides	Conc Pvmt	9/1/2011	12/30/2011	0	0	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log

Project	**Tinining spec for PCC**	**Task Group**	Concrete	**Subtask Group**	CIP Concrete Pavement		
Target Completion Date	6/30/2012	**Priority**	11	**Status**	Active	**Progress**	0 %
Rock Products Committee	YES						

Purpose Improve the tining specification for PCC

Overall Progress Plan to drop in order to address technical changes for Section 40.

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	Review tining specs of other states	Conc Pvmt	7/1/2010	5/1/2011	0	100	
# 2	Identify charateristics of quietest tines	Consult	7/1/2010	5/1/2011	0	100	
# 3	Develop new tining specification	Conc Pvmt	7/1/2010	6/30/2012	0	40	
# 4	Establish means to measure	Conc Pvmt	7/1/2010	6/30/2012	0	40	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log Can't address specification till after lifting of specification moratorium. Means to measure may have to be OBSI test for contract compliance.

Project	**Cement treated soils (CTS)**	**Task Group**	Foundation	**Subtask Group**	Treated Soils and Bases		
Target Completion Date	8/30/2011	**Priority**	2	**Status**	Active	**Progress**	55 %
Rock Products Committee	YES						

Purpose Provide soil treatment as an alternative to bases.

Overall Progress Draft 2010-style SSP developed and circulated to subtask group. Subtask group meeting on 4-27-11. Draft guide not received.

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 with some modification. Can be hendled thru spec. No CTM required.
# 2	Draft SSP to submit to FTG	Conc Pvmt	7/22/2009	8/30/2011	80	85	All technical issues are resolved. Reformatted to 2010 PLV, sent to task group co-chair, meeting on April 27 to discuss.
# 3	Guide	UCPRC	6/1/2010	8/30/2011	40	70	Contacting UCPRC for new date. Will impose April 30 if they can't be specific.
# 4	SSP published by OE	Conc Pvmt	4/11/2011	1/1/2012	0	5	Directed to circulate draft to DME's and Stakeholders.
# 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
4/11/11: Updates. At meeting on 4/8, directed to circulate draft to DME's, stakeholders.-pdb
4/26/11: Updated Overall Progress on Project Data tab.--pdb

Project	Full Depth Reclamation Using Foamed Asphalt	Task Group	Foundation	Subtask Group	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 Progress Drafts of SSP, Test Method, and Guide have been developed and reviews are underway.

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	5/30/2011	60	95	Draft submitted to METS on 2-15-11. Met with Nahid and Rob on 4/25 regarding equipment purchases and someone taking the lead for mix design document. Nahid to talk to Phil.
# 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	5/30/2011	50	80	Draft submitted to subtask group for review comments on 2/15/11. Only comments received so far were by L. Brown (D-2) on 4-24.
# 4	Draft SSP to FTG	Conc Pvmt	3/8/2011	6/30/2011	50	45	Began subtask group review. Draft submitted to DME's. Due date for both groups is 5/1/11. Reminder sent 4/25.
# 5	SSP published by OE	Conc Pvmt	6/30/2011	9/30/2011	0	0	
# 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

Project	**Pulverize Flexible Pavement**	**Task Group**	Foundation	**Subtask Group**	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 Progress Discussed at FTG meeting on 4-15-11. Effort delayed in deference to FDR-FA. Meanwhile, piloting nSSP in project in D-2 this summer. Will incorporate experience into draft after project completion (spring '12).

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	20	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	15	Need to develop. May drop and specify standard cement content.
# 4	Pulverization Guide Update	Conc Pvmt	2/1/2011	10/31/2012	50	15	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	0	Continue developing and hold or 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

Project	**2010 Specification (Plain Language)**	**Task Group**	Preservation	**Subtask Group**	2010 Standard Specification		
Target Completion Date	5/15/2011	**Priority**	1	**Status**	Active	**Progress**	84.5 %
Rock Products Committee	YES						

Purpose Revise2006 Standard specification and SSP to plan language, sections 37, 41, and 42

Overall Progress Version 6 achieved for all sections. Submitted parallel changes to slab replacement SSP for 2006 spec to match 2010 spec.

Project Lead Vacant | **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	85	105	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	5/15/2011	75	75	Submitted for final concurrence 3-23-11
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log

3-23-11, lrouen, sect 41 parallel version sent for concurrence.
3-4-11, lrouen, sect 41 concurrence obtained. V6 sent to OE.
3-3-11, lrouen, final version sent to Construction, FHWA and Legal
2-28-11, lrouen. Section 41 waiting Construction and FHWA concurrence
2/10/11, lrouen. Full concurrence on Section 42. Section 41 FHWA
1/31/2011, lrouen, workshop for section 41 & 42 held on 1/28. Agreement made on section 42. Sent to FHWA, Const & Legal. Legal has concurred. Section 41 needs SSP, in progress.
1/11/2011, Lrouen, Resolved comments for Section 42. Section 41 scheduled for 1/14/11
1/4/2011 V5 for Sections 41 & 42 approved by FHWA. Commment from Construction being addressed. No response from Legal
7-28, rec'd draft section from OE for review. Need Version 1 by September 13
Submitted draft sect 37 to OE December 1, 2009. Waiting OE action for BEES items, etc

Project	**Fog Seal**	**Task Group**	Preservation	**Subtask Group**	Seals & Coats		
Target Completion Date	6/29/2012	**Priority**	2	**Status**	Active	**Progress**	16 %
Rock Products Committee	YES						

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

Overall Progress Reviewing test data and specification language.

Project Lead	Peter Vacura	**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	Update NSSP	Engr	6/1/2008	5/2/2011	40	100	Under Development
# 2	Pilot and Test material	Chico	7/1/2011	10/31/2011	0	0	
# 3	MTAG Update	Chico	9/1/2011	12/30/2011	0	0	
# 4	Standard Special Provision	Engr	7/1/2011	1/2/2012	0	0	
# 5	Performance report	Chico	7/1/2011	3/30/2012	0	0	
# 6	Training	Engr	4/2/2012	6/29/2012	0	0	
# 7					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, lrouen update targets and Pys
2/14/11, Update target dates and task definitions, PJV
4/25/11 - Status Update, SR

Project	**Cold in-place recycling**	**Task Group**	Preservation	**Subtask Group**	Recycling		
Target Completion Date	7/1/2012	**Priority**	3	**Status**	Active	**Progress**	0 %
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 Progress

Project Lead	Peter Vacura	**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	85	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	30	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

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

Project	Rubberized Slurry Seal	Task Group	Preservation	Subtask Group	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 Progress

Project Lead	Peter Vacura	Office	Asphalt Pavement	Phone	916-227-5854	E-FIS Project Number		E-FIS Subtask Number	

	Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1	Create NSSP	Engr	6/1/2009	5/1/2010	100	100	Done
# 2	Construct D-11 Test section	District	2/15/2011	7/29/2011	30	40	
# 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.
1/13/11, lrouen, updated targets and Pys

Project	**Partial depth repair concrete repair**	**Task Group**	Preservation	**Subtask Group**	Rigid Pavement		
Target Completion Date	9/2/2012	**Priority**	5	**Status**	Active	**Progress**	0 %
Rock Products Committee	YES						
Purpose	Standard plans and specification for partial (spall) repair						
Overall Progress							
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	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, lrouen, updated targets and pys
2-28-11, verified pys. Lrouen

Project	**Full Depth Concrete Repair**	**Task Group**	Preservation	**Subtask Group**	Rigid Pavement		
Target Completion Date	1/1/2013	**Priority**	5	**Status**	Active	**Progress**	40.8 %
Rock Products Committee	YES						

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

Overall Progress Consultant has finished draft guide. Interim nSSP being reviewed. New spec change proposals being collected and reviewed.

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	95	90	Given to District 8 to review
# 2	Consolidate slab replace guidelines and update	UCPRC	8/1/2011	6/30/2011	75	0	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	65	90	Incorporated D7 proposals. Reviewing others.
# 4	Review and Negotiate new SSP	Conc Pvmt	5/1/2011	4/1/2012	0	0	
# 5	Finalize new SSP	Conc Pvmt	4/1/2012	6/30/2012	0	0	
# 6	Update guidelines to reflect SSP changes	Conc Pvmt	4/1/2012	6/30/2012	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	**Scrub seal**	**Task Group**	Preservation	**Subtask Group**	Seals & Coats		
Target Completion Date		**Priority**	6	**Status**	Active	**Progress**	8.5 %
Rock Products Committee	YES						

Purpose Districts would like to be able to use scrub seal as a preservation method

Overall Progress

Project Lead		**Office**	Pavement Engineering	**Phone**		**E-FIS Project Number**	
E-FIS Subtask Number							

	Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1	nssp	Engr	6/1/2009	9/1/2011	25	85	Needs rework
# 2	Test section	District	6/1/2011	11/1/2011	0	0	
# 3	Evaluation	District	12/1/2011	2/1/2012	0	0	
# 4					0	0	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

Log

Test project in Distrct 8 to begin in August.
Spec will be revised based upon issues that may arise.
1/11/11, lrouen, revised target dates and Pys
1/14/2011 pv, to be with Co-chairs.

Project	**Hot in-place recycling (HIR)**	**Task Group**	Preservation	**Subtask Group**	Recycling		
Target Completion Date		**Priority**	8	**Status**	Active	**Progress**	10 %
Rock Products Committee	YES						
Purpose	Create specifications for HIR						
Overall Progress							
Project Lead		**Office**	Pavement Engineering	**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	11/1/2010	4/1/2011	50	115	Under Development
# 2	revise nssp	Engr	2/1/2011	6/1/2011	0	70	Under Development
# 3	Develop & evaluate additional pilots & NSSPs	Engr	7/1/2011	2/1/2012	0	0	Under Development
# 4	Develop mix design CT's/ lab procedures	Mets	7/1/2012	7/1/2013	0	0	Under Development
# 5	Develop usage guidelines/ MTAG update	Engr	7/1/2012	7/1/2013	0	0	Under Development
# 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.
1/11/11, lrouen, revised target dates fro nssp, mix design and MTAG
1/14/2011 pv, to be discussed with Co-chairs.

Project	Polymer Modified Chip Seal (PM/TR)	Task Group	Preservation	Subtask Group	Specifications

Target Completion Date		Priority	10	Status	Active	Progress	25 %	Rock Products Committee	YES

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

Overall Progress

Project Lead	Peter Vacura	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	SSP	Asphalt	12/1/2008	6/30/2011	25	95	Under Development
# 2	Evaluation Report	Chico	10/1/2010	4/1/2011	20	115	
# 3	Update Guidelines	Asphalt	3/1/2011	6/30/2011	0	45	
# 4	nssp	OE	12/1/2008	12/1/2010	100	100	Completed by Task Group
# 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, lrouen, updated Pys
2/9/11, Added nSSP deliverable

Project	**Warm mix asphalt rubber chip seal**	**Task Group**	Preservation	**Subtask Group**	Seals & Coats		
Target Completion Date	6/30/2013	**Priority**	11	**Status**	Active	**Progress**	8 %
Rock Products Committee	YES						

Purpose Introduce WMA technology into asphalt rubber chip seal strategies.

Overall Progress

Project Lead	Peter Vacura	**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	NSSP	Asphalt	8/3/2010	5/1/2011	80	100	Under Development
# 2	Project Selection Guidelines	Asphalt	1/1/2011	9/30/2011	0	40	
# 3	Test Projects	District	7/1/2011	10/30/2012	0	0	
# 4	Evaluation Report	Chico	10/30/2011	2/1/2013	0	0	
# 5	SSP	Asphalt	2/1/2012	6/1/2013	0	0	
# 6	Update Guidelines	Asphalt	4/1/2012	6/30/2013	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, lrouen, revised Pys and target dates.
2/14/11, Rewrite purpose and need, PJV

Project	**Chip Seal Just In Time Training (JITT)**	**Task Group**	Preservation	**Subtask Group**	Training		
Target Completion Date	6/30/2011	**Priority**	12	**Status**	Active	**Progress**	60 %
Rock Products Committee	YES						

Purpose Train CT and contractor personnel on Chip Seal construction

Overall Progress Construction to perform review of module.

Project Lead	Peter Vacura	**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	115	
# 3	Update Specifications	Asphalt	2/15/2011	6/30/2011	0	50	
# 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, lrouen, info up to date
4/25/11 - Status Update, SR

Project	**Joint Sealing**	**Task Group**	Preservation	**Subtask Group**	Rigid Pavement		
Target Completion Date	7/1/2011	**Priority**	15	**Status**	Active	**Progress**	47 %
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 Progress At meeting (chaired by Larry Rouen) on 3/23 work plan for experimental project was discussed.

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	4/1/2011	90	110	writing report between other tasks.
# 2	Test Section for 1/4" joints with seal, 1/8" no seal	Conc Pvmt	9/1/2010	4/30/2012	20	40	draft test section workplan
# 3	Section 40-1.02L(4)-joint width/depth compression	Conc Pvmt	2/1/2011	2/1/2012	0	25	under development
# 4	40-1.03E(6)-splicing of transverse seal	Conc Pvmt	2/1/2011	2/1/2012	0	25	under development
# 5	40-8.03C(8)-install PCS as an option.	Conc Pvmt	2/1/2011	2/1/2012	0	25	under development
# 6	Update Std Plans, Specs, and Manuals for joints	Conc Pvmt	3/1/2011	8/30/2012	0	10	has not started yet.
# 7					0	0	
# 8					0	0	

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

Project	**Micro-Surfacing JITT**	**Task Group**	Preservation	**Subtask Group**	Training		
Target Completion Date		**Priority**	16	**Status**	Active	**Progress**	0 %
Rock Products Committee	YES						

Purpose Train CT and contractor personnel on micro-surfacing construction

Overall Progress

Project Lead	Peter Vacura	**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	0	160	
# 2	Final JITT		2/1/2011	4/1/2011	0	140	
# 3					0	0	
# 4					0	0	
# 5					0	0	
# 6					0	0	
# 7					0	0	
# 8					0	0	

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