

ROCK PRODUCTS COMMITTEE

WORK PLAN STATUS

March 2, 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

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13	14	15	16	17	18	19
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27	28					

MAR

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27	28	29	30	31		

APR

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MAY

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29	30	31				

JUN

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26	27	28	29	30		

JUL

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24	25	26	27	28	29	30
31						

AUG

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14	15	16	17	18	19	20
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28	29	30	31			

SEPT

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25	26	27	28	29	30	

OCT

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23	24	25	26	27	28	29
30	31					

NOV

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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

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

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

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				

Project **Warm Mix Asphalt** Task Group **Asphalt** Subtask Group **Warm Mix Asphalt** RPC **YES**

Completion Date **1/1/2012** Today's Date **3/2/2011** No. of Days **305** Priority **2** Status **Active** Progress **23 %**

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

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	Engr	6/30/2009	3/4/2011	90	100	Submit for Approval
# 2 Testing requirements for WMA	Engr	9/1/2010	3/31/2011	0	85	Under Development
# 3 Guidance for selecting WMA additives	Engr	9/1/2010	9/30/2011	0	45	Under Development
# 4 Specification	Engr	9/1/2010	1/30/2012	25	35	Under Development
# 5 Construction Policy Bulletin	Constr	5/1/2011	6/30/2011	0	0	Under Development
# 6 Training	Engr	4/1/2011	1/1/2012	0	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.
 1/19/11 - Update status, PJV

Project **HMA materials test methods** Task Group **Asphalt** Subtask Group **Specifications** RPC **YES**

Completion Date **2/28/2011** Today's Date **3/2/2011** No. of Days **-2** Priority **3** Status **Active** Progress **99 %**

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

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	3/4/2011	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	100	100	371 Under review
# 6 CT 368	Mets	5/8/2008	12/31/2011	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 1/19/2010

Project **Moisture Sensitivity of HMA** Task Group **Asphalt** Subtask Group **Moisture Sensitivity** RPC **YES**

Completion Date **12/31/2013** Today's Date **3/2/2011** No. of Days **1035** Priority **4** Status **Active** Progress **3.5 %**

Purpose and Need **Identify test to evaluate moisture sensitivity of HMA and the best treatment for moisture sensitive HMA**

Project Lead **Haiping Zhou** Office **Asphalt Pavement** Phone **227-5817** 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	Mets	9/1/2007	9/30/2011	10	85	Under Development
# 2 Decision Document on Lime Marination	Engr	10/1/2010	12/30/2011	0	30	Under Development
# 3 Update Guidelines based on decision	Engr	6/30/2011	12/31/2011	0	0	
# 4 Update Specifications	Engr	10/1/2011	6/30/2012	0	0	
# 5 Construction Policy Bulletin	Constr	4/1/2012	6/30/2012	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.
 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
 On hold till Management decide what to do.

Project **Section 39 Smoothness (Short Term)** Task Group **Asphalt** Subtask Group **Smoothness** RPC **YES**

Completion Date **2/28/2011** Today's Date **3/2/2011** No. of Days **-2** Priority **5** Status **Active** Progress **97.5 %**

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

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	Engr	7/1/2010	12/31/2010	100	100	Done
# 2 Construction Policy Directive	Asphalt	11/1/2010	3/18/2011	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**

Project **Section 39 (Part A)** Task Group **Asphalt** Subtask Group **Section 39** RPC **YES**

Completion Date **6/30/2013** Today's Date **3/2/2011** No. of Days **851** Priority **6** Status **Active** Progress  **7 %**

Purpose and Need **Section 39 has been implemented since 2007. Due to the magnitude of the changes, Federal Highway Administration (FHWA) has suggested an evaluation on the implementation.**

Project Lead **Kee Foo** Office **Asphalt Pavement** Phone **227-5436** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Evaluation of available test data	Consult	7/1/2008	6/30/2011	70	90	Draft prelim. Analysis
# 2 Change in oil and JMF requirement	Asphalt			10	0	
# 3 QA Program for Local Agency	Asphalt			0	0	
# 4 Statistical Verification n=20	Asphalt			0	0	
# 5 Directive to Stop Production	Asphalt			0	0	Demonstrate compliance?
# 6 Reverification (stopped for >30 days)	Asphalt			0	0	
# 7				0	0	
# 8				0	0	

Log August 2008 - work plan developed.
 Mactec Contract TO 20 signed 11/2010. Estimated Completion 3/2011
 1-19-11 All matters concerning Section 39 will be handled by this Subtask Group (including Section 39 Review/Evaluation and Section 39 Specification)
 1-19-11 The subtask group will meet January/February to prioritize work/deliverables
 1-19-11 Mactec Contract has submitted a draft report on preliminary analysis

Project **Section 39 (Part B)** Task Group **Asphalt** Subtask Group **Section 39** RPC **YES**

Completion Date **6/30/2013** Today's Date **3/2/2011** No. of Days **851** Priority **6** Status **Active** Progress **0 %**

Purpose and Need **Identify, prioritize, address deficiencies and improve Section 39 specification.**

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 Commets on specifications	Asphalt	3/1/2010	8/31/2010	100	100	Collected and organized
# 2 Review/Resolve Industry Comments	Asphalt	3/21/2011	10/31/2011	0	0	
# 3 Revise Specifications	Asphalt	7/1/2011	12/30/2011	0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log **Comments see Section 39 Part (A)**
2/14/11 - Revised purpose and need and task definitions, PJV

Project **RHMA Usage** Task Group **Asphalt** Subtask Group **Specifications** RPC **YES**

Completion Date **6/30/2012** Today's Date **3/2/2011** No. of Days **486** Priority **7** Status **Active** Progress  **6.7 %**

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

Project Lead **Haiping Zhou** Office **Asphalt Pavement** Phone **227-5817** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 CT 368 extensive revision	Asphalt	6/30/2009	6/30/2012	10	55	Under Development
# 2 RHMA performance evaluation	Asphalt	6/30/2010	6/30/2012	10	35	
# 3 Evaluation of Type I vs.Type II	Asphalt	6/30/2010	6/30/2012	0	35	
# 4				0	0	
# 5				0	0	
# 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.

Project **Section 39 Smoothness (Long Term)** Task Group **Asphalt** Subtask Group **Smoothness** RPC **YES**

Completion Date **6/29/2012** Today's Date **3/2/2011** No. of Days **485** Priority **8** Status **Active** Progress  **18 %**

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

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	65	Under development
# 2 Test Method, Equipment, & Calibration	Mets	1/31/2011	12/31/2011	10	10	Literature search going on
# 3 Update Specification & Acceptance Criteria	Asphalt	10/3/2011	12/31/2011	0	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	Engr	1/2/2012	6/29/2012	0	0	
# 7 Select projects to pilot spec/profiler		2/15/2011	3/31/2011	0	25	
# 8				0	0	

Log **1/19/11, Update Requestor, Lead info, PJV**
2/14/11, Update targets dates, PJV

Project **Safety Edge (asphalt)** Task Group **Asphalt** Subtask Group **Safety Edge** RPC **YES**

Completion Date **12/30/2011** Today's Date **3/2/2011** No. of Days **303** Priority **9** Status **Active** Progress **46 %**

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

Project Lead **Mehdi Parvini** Office **Pavement Engineering** 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	Engr	9/10/2008	6/30/2010	100	100	Approved
# 2 Test specification and plan on HMA projects	Engr	9/1/2010	6/30/2011	5	60	Identifying Projects
# 3 Establish criteria for where to place Safety Edge	Engr	9/1/2010	4/1/2011	10	85	Under Development
# 4 Update manuals, specs, and plan	Engr	2/1/2011	6/30/2011	0	15	
# 5 Adopt Safety Edge (Policy, Spec, Plan)	Engr	7/1/2011	9/30/2011	0	0	
# 6 Outreach (bulletins & training)	Engr	5/1/2010	12/30/2011	25	50	
# 7				0	0	
# 8				0	0	

Log **2/14/11 - Update target dates, PJV**

Project **HMA leveling course** Task Group **Asphalt** Subtask Group **Specifications** RPC **YES**

Completion Date **6/30/2011** Today's Date **3/2/2011** No. of Days **120** Priority **10** Status **Active** Progress **2.5 %**

Purpose and Need **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.**

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	Engr	7/1/2010	6/30/2011	5	65	Under Development
# 2 Specifications	Engr	7/1/2010	6/30/2011	0	65	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.**

Project **Longer Life Flexible Pavements** Task Group **Asphalt** Subtask Group **Section 39** RPC **YES**

Completion Date **6/30/2013** Today's Date **3/2/2011** No. of Days **851** Priority **14** Status **Active** Progress **2 %**

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

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	Engr	6/30/2010	6/30/2011	5	65	
# 2 Monitoring I-710 pavement performance	UCPRC	6/30/2010	6/30/2013	5	20	
# 3 Specification	Engr	6/30/2011	6/30/2013	0	0	
# 4 Guide	Engr	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.

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

Completion Date **6/30/2011** Today's Date **3/2/2011** No. of Days **120** Priority **17** Status **Active** Progress  **20 %**

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

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	20	65	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

Project **2010 Specification (Plain Language)** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **7/1/2011** Today's Date **3/2/2011** No. of Days **121** Priority **1** Status **Active** Progress **0 %**

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

Project Lead **Mehdi Parvini** Office **Pavement Engineering** Phone **916-227-5854** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Section 40	Conc Pvmt	6/1/2009	7/1/2011	0	85	Ver 5 was sent out 12/9/10. In the process of workshop to resolve issues.
# 2 Section 90-3	Conc Pvmt	11/15/2009	7/1/2011	0	80	Ver 5 was sent out on 12/28/10. Comments have been submitted for change.
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log Submitted draft sect 37 to OE December 1, 2009. Waiting OE action for BEES items, etc
7-28, rec'd draft section from OE for review. Need Version 1 by September 13

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

Completion Date **7/1/2011** Today's Date **3/2/2011** No. of Days **121** Priority **1** Status **Active** Progress **64 %**

Purpose and Need 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.

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	45	Ruth Fernandes to give feedback on industry comments at March 17th meeting.
# 6 Finalize Specification	OE	4/1/2011	7/1/2011	0	0	
# 7				0	0	
# 8				0	0	

Log 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 **2010 Plain Language Update** Task Group **Concrete** Subtask Group **Precast Concrete** RPC **YES**

Completion Date **7/1/2011** Today's Date **3/2/2011** No. of Days **121** Priority **1** Status **Active** Progress **64 %**

Purpose and Need 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.

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	45	Ruth Fernandes to give feedback on industry comments at March 17th meeting.
# 6 Finalize Specification	OE	4/1/2011	7/1/2011	0	0	
# 7				0	0	
# 8				0	0	

Log

Project **Precast concrete pavement** Task Group **Concrete** Subtask Group **Precast 02** RPC **YES**

Completion Date **12/31/2012** Today's Date **3/2/2011** No. of Days **670** Priority **2** Status **Active** Progress  **11.5 %**

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

Project Lead **Mehdi Parvini** Office **Pavement Engineering** Phone **916-227-5848** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Plans & Spec for District 7 project	District	7/1/2010	2/1/2011	30	115	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	25	The performance issues (slab cracking) of the newly placed I-15 project is under evaluation.
# 3 Draft Standard Plan & Specifications	Conc Pvmt	12/1/2010	9/30/2011	25	30	Draft Standard Plans and Specs are about 25% complete, they were discussed in the Feb 17th meeting
# 4 Usage Guide & Design Method/Software	Conc Pvmt	1/1/2011	6/30/2012	0	10	
# 5 Adopt Standard Plan & Specification	Conc Pvmt	3/1/2012	6/30/2012	0	0	
# 6 Workshops	Conc Pvmt	7/1/2012	12/31/2012	0	0	
# 7				0	0	
# 8				0	0	

Log **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 **Precast Structures Specification** Task Group **Concrete** Subtask Group **Precast Concrete** RPC **YES**

Completion Date **7/1/2012** Today's Date **3/2/2011** No. of Days **487** Priority **3** Status **Active** Progress  **20 %**

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

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	0	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 **Precast QC QA Provisions** Task Group **Concrete** Subtask Group **Precast Concrete** RPC **YES**

Completion Date **7/1/2012** Today's Date **3/2/2011** No. of Days **487** Priority **4** Status **Active** Progress  **20 %**

Purpose and Need **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.**

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	0	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 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 out in the near term, to include the establishment of certifications needed and the responsibilities of State Staff

Project **Develop Performance-Based QC/QA Spec** Task Group **Concrete** Subtask Group **Concrete Materials/QA** RPC **YES**

Completion Date **7/1/2012** Today's Date **3/2/2011** No. of Days **487** Priority **4** Status **Active** Progress  **16 %**

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

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	60	These are being compiled
# 2 Develop outline for QC/QA/IQA/IA program	Materials	3/1/2011	6/30/2011	10	0	
# 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 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 **Revise QPL/AML Process for Cement and SCMs** Task Group **Concrete** Subtask Group **Concrete Materials/QA** RPC **YES**

Completion Date **3/15/2011** Today's Date **3/2/2011** No. of Days **13** Priority **5** Status **Active** Progress **78.8 %**

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

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	3/17/2011	85	65	draft AML process has been discussed at internal subtask group meeting
# 5 Receive feedback on AML Process	Materials	2/15/2011	3/17/2011	85	45	feedback is currently being incorporated
# 6 Revise process and finalize	Materials	3/17/2011	3/31/2011	20	0	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 **Statewide Aggregate Source Approval** Task Group **Concrete** Subtask Group **Concrete Materials/QA** RPC **YES**

Completion Date **7/1/2012** Today's Date **3/2/2011** No. of Days **487** Priority **6** Status **Active** Progress **26 %**

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

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	Current practices are being evaluated
# 2 Review existing databases	District	2/18/2011	4/30/2011	30	15	
# 3 Determine applicable tests	District	2/18/2011	4/30/2011	30	15	
# 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 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** RPC **YES**

Completion Date **12/1/2011** Today's Date **3/2/2011** No. of Days **274** Priority **7** Status **Active** Progress  **9 %**

Purpose and Need **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.**

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	90	Industry to give updated Problem Statement in next STG meeting
# 2 Review updated Problem Statement	Materials	3/17/2011	4/17/2011	0	0	
# 3 Develop work Plan and create project teams (if needed)	Industry	4/17/2010	5/31/2011	0	80	
# 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 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 **Update Construction Manual** Task Group **Concrete** Subtask Group **Concrete Materials/QA** RPC **YES**

Completion Date **7/1/2012** Today's Date **3/2/2011** No. of Days **487** Priority **8** Status **Active** Progress  **5 %**

Purpose and Need **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.**

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	15	Discussed in subtask group meeting
# 2 Revise Chapter 4 Construction Details	HQ Constr	12/1/2010	7/1/2012	5	15	Discussed in subtask group meeting
# 3 Revise Chapter 6 sampling and testing	HQ Constr	12/1/2010	7/1/2012	5	15	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 **Smoothness** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **7/1/2013** Today's Date **3/2/2011** No. of Days **852** Priority **9** Status **Active** Progress  **14.2 %**

Purpose and Need **To develop IRI data for new concrete pavements and to establish process to certify inertial profilers.**

Project Lead **Dulce Feldman** Office **Pavement Engineering** Phone **916-227-** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 NSSP to measure IRI on for new conc pvmt	Conc Pvmt	7/1/2010	10/1/2010	95	265	Submit for Comments
# 2 Measure IRI on construction projects	Conc Pvmt	10/1/2010	6/30/2011	0	55	
# 3 IRI smoothness acceptance values	Conc Pvmt	7/1/2011	6/30/2012	0	0	
# 4 Inertial profiler certification	Conc Pvmt	7/1/2010	6/30/2011	0	65	
# 5 Specifications for IRI	Conc Pvmt	7/1/2011	6/30/2012	0	0	
# 6 Provide training to collect IRI	Materials	7/1/2012	6/30/2013	0	0	
# 7				0	0	
# 8				0	0	

Log

Project **Safety Edge (concrete)** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **12/30/2012** Today's Date **3/2/2011** No. of Days **669** Priority **10** Status **Active** Progress **0 %**

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

Project Lead **Mehdi Parvini** Office **Pavement Engineering** 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	0	45	Specification and construction detail for installing safety edge for concrete paving projects
# 2 Test specification and plan on concrete projects	Conc Pvmt	4/1/2012	8/30/2011	0	0	Identify demo oprojects and include the safety edge spec and monitor/evaluate the installation
# 3 Adopt Safety Edge (Policy, Spec, Plan)	Conc Pvmt	9/1/2011	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	11/1/2011	12/30/2011	0	0	Update relevant manuals and standards such as HDM
# 5 Outreach (bulletins & training)	Conc Pvmt	9/1/2011	6/30/2012	0	0	Promotion and training
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log

Project **Fully Pervious Concrete Pavement** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **7/1/2011** Today's Date **3/2/2011** No. of Days **121** Priority **11** Status **Active** Progress  **13 %**

Purpose and Need **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.**

Project Lead **Mehdi Parvini** Office **Pavement Engineering** 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	75	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	2/1/2011	40	105	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	4/30/2011	10	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	6/30/2011	0	20	
# 5 Sample Details	Conc Pvmt	1/1/2011	6/30/2011	0	30	
# 6 Adopt Specifications	Conc Pvmt	5/1/2011	8/31/2011	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.**

Project **Bond Breaker** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **9/1/2011** Today's Date **3/2/2011** No. of Days **183** Priority **12** Status **Active** Progress **4.2 %**

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

Project Lead **Dulce Feldman** Office **Pavement engineering** Phone **916-227-** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Report of Alternatives	Other	1/1/2011	7/1/2011	5	30	The alternative of applying curing compound just before the surface layer is considered.
# 2 Draft Spec Changes to Sections 28 and 40	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 **Coefficient of Thermal Expansion (CoTE)** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **6/30/2012** Today's Date **3/2/2011** No. of Days **486** Priority **13** Status **Active** Progress **0 %**

Purpose and Need **To include CoTE in the spec**

Project Lead **Mehdi Parvini** Office **Pavement Engineering** Phone **916-227-5848** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Gather Data (freq. & action for non-compliance)	Asphalt	1/1/2011	9/30/2011	0	20	
# 2 Analyze data for variance & acceptance	Conc Pvmt	9/30/2011	12/30/2011	0	0	
# 3 Test method for CoTE	Materials	4/1/2011	9/30/2011	0	0	
# 4 Modify spec to include CoTE	Conc Pvmt	10/1/2011	12/30/2011	0	0	
# 5 Test the modified spec	Conc Pvmt	1/1/2012	6/30/2012	0	0	
# 6 Adopt the spec & update manuals	Conc Pvmt	1/1/2012	6/30/2012	0	0	
# 7				0	0	
# 8				0	0	

Log

Project **CRCP Design Details** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **7/1/2012** Today's Date **3/2/2011** No. of Days **487** Priority **14** Status **Active** Progress **70 %**

Purpose and Need **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.**

Project Lead **Flor Bautista** Office **Pavement Engineering** 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	6/1/2011	0	20	has not started yet
# 3 Guidance for end treatments	Conc Pvmt	11/1/2010	6/1/2011	0	55	Under Development
# 4 Dealing with CRCP at cont. joints	Conc Pvmt	2/1/2010	6/1/2011	0	80	has not stated yet
# 5 Revise Standard Plans	Conc Pvmt	6/1/2011	11/1/2011	0	0	has not started yet
# 6 Update training	Conc Pvmt	7/1/2011	11/1/2011	0	0	Scheduled
# 7				0	0	
# 8				0	0	

Log

Project **Joint Sealing** Task Group **Concrete** Subtask Group **CIP Concrete Pavement** RPC **YES**

Completion Date **7/1/2011** Today's Date **3/2/2011** No. of Days **121** Priority **15** Status **Active** Progress **34.5 %**

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

Project Lead **Flor Buatista** Office **Pavement Engineering** Phone **916-227-5848** 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	2/28/2011	65	100	writing report between other tasks.
# 2 Test Section for 3/16" joints with seal	Conc Pvmt	9/1/2010	4/30/2011	20	75	dreaft test section workplan
# 3 Section 40-1.02L(4)-joint width/depth compression	Conc Pvmt	2/1/2011	6/1/2011	0	20	under development
# 4 40-1.03E(6)-splicing of trnsverse seal	Conc Pvmt	2/1/2011	6/1/2011	0	20	under development
# 5 40-8.03C(8)-install PCS as an option.	Conc Pvmt	2/1/2011	6/1/2011	0	20	under development
# 6 Update Std Plans, Specs, and Manuals for joints	Conc Pvmt	3/1/2011	8/30/2011	0	0	has not started yet.
# 7				0	0	
# 8				0	0	

Log

Project **Cement treated soils (CTS)** Task Group **Foundation** Subtask Group **Treated Soils and Bases** RPC **YES**

Completion Date **5/30/2011** Today's Date **3/2/2011** No. of Days **89** Priority **2** Status **Active** Progress **72.5 %**

Purpose and Need **Develop specifications, test methods, and guidance for the design and construction of cement treated soils. New specifications will facilitate to implement CTS in the Caltrans projects.**

Project Lead **Paul Burdick** Office **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 review	Mets	6/1/2010	3/31/2011	90	90	Existing ASTM methods will be utilized with some modification.
# 2 SSP	Engr	7/22/2009	5/30/2011	80	85	All technical issues are resolved
# 3 Guide	UCPRC	6/1/2010	5/30/2011	40	75	1st draft will be available in March 2011.
# 4				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

According to UCPRC (John Davis), first draft of sungrade stabilization guide will be available by the end of 12/2010.
 12/30/2010:
 Guide: According to Johan Davis, 1st draft of guide will be available by the end of January 2011.
 SSP: All technical issues are resolved and rewriting of SSP in plainage language is on progress.
 Test Method: Existing ASTM D1633 test method with some modification (replacing ASTM D 558 with ASTM D 1557) will be utilized. No need to develop a new CT test method.

Project **Full Depth Reclamation Using Foamed Asphalt** Task Group **Foundation** Subtask Group **Treated Soils and Bases** RPC **YES**

Completion Date **3/30/2011** Today's Date **3/2/2011** No. of Days **28** Priority **3** Status **Active** Progress **73 %**

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

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	Mets	7/1/2008	2/28/2011	60	100	Draft submitted to METS on 2-15-11. Met w/ METS to discuss.
# 2 Report and Guideline Recommendations	UCPRC	7/1/2008	3/30/2011	100	100	UCPRC doc is final.
# 3 Final Guidelines	Engr	12/15/2010	5/30/2011	50	45	Draft submitted to subtask group for review comments on 2/15/11.
# 4				0	0	
# 5				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

Project **Pulverize Flexible Pavement** Task Group **Foundation** Subtask Group **Treated Soils and Bases** RPC **YES**

Completion Date **5/31/2011** Today's Date **3/2/2011** No. of Days **90** Priority **4** Status **Active** Progress  **36.2 %**

Purpose and Need Develop a standard special provision (SSP) for pulverized flexible pavement to increase standardized use of recycling in rehabilitation projects. Update existing guidance to include additives (cementitious material and lime). Create test procedures.

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 RPC Scoping Doc	Engr	1/5/2011	1/31/2011	75	215	Draft scoping document submitted to subtask group for review/comments on 2/15/11.
# 2 Draft SSP	Engr	1/5/2011	5/31/2011	50	40	Draft nSSP submitted to subtaskgroup for review/comments on 2/15/11.
# 3 Additive Test Procedure	Engr	2/1/2011	7/29/2011	0	15	Need to develop. Agenda topic for 3-8-11 meeting.
# 4 Pulverization Guide Update	Engr	6/1/2011	10/31/2011	50	0	Draft guide submitted to subtask group for review/comments on 2-15-11.
# 5				0	0	
# 6				0	0	
# 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.
 1/4/2011: Workplan updated. Need industry co-chair identified.
 2/15/11: Subtaskgroup meeting held. Drafts distributed for review/comment. Next meeting 3-8-11.-pdb

Project **2010 Specification (Plain Language)** Task Group **Preservation** Subtask Group **2010 Standard Specification** RPC **YES**

Completion Date **3/25/2011** Today's Date **3/2/2011** No. of Days **23** Priority **1** Status **Active** Progress **88.3 %**

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

Project Lead **Larry Rouen** Office **Pavement Engineering** Phone **916-227-1980** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Section 37	Engr	6/1/2009	3/25/2011	85	95	Version 4
# 2 Section 41	Engr	11/15/2009	3/25/2011	95	95	Version 5
# 3 Section 42	Engr	11/15/2009	3/25/2011	97	95	Version 6
# 4				0	0	
# 5				0	0	
# 6				0	0	
# 7				0	0	
# 8				0	0	

Log Submitted draft sect 37 to OE December 1, 2009. Waiting OE action for BEES items, etc
 7-28, rec'd draft section from OE for review. Need Version 1 by September 13
 1/4/2011 V5 for Sections 41 & 42 approved by FHWA. Comment from Construction being addressed. No response from Legal
 1/11/2011, Rouen, Resolved comments for Section 42. Section 41 scheduled for 1/14/11
 1/31/2011, Rouen, 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.
 2/10/11, Rouen. Full concurrence on Section 42. Section 41 FHWA
 2-28-11, Rouen. Section 41 waiting Construction and FHWA concurrence

Project **Fog Seal** Task Group **Preservation** Subtask Group **Seals & Coats** RPC **YES**

Completion Date **6/29/2012** Today's Date **3/2/2011** No. of Days **485** Priority **2** Status **Active** Progress  **14 %**

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

Project Lead **Larry Rouen** Office **Pavement Engineering** Phone **916-227-5854** 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	95	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, Irouen update targets and Pys
2/14/11, Update target dates and task definitions, PJV**

Project **Cold in-place recycling** Task Group **Preservation** Subtask Group **Recycling** RPC **YES**

Completion Date **7/1/2012** Today's Date **3/2/2011** No. of Days **487** Priority **3** Status **Active** Progress **0 %**

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

Project Lead **Peter Vacura** Office **Pavement Engineering** 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	80	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	20	
# 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 Group **Preservation** Subtask Group **Specifications** RPC **YES**

Completion Date **7/1/2014** Today's Date **3/2/2011** No. of Days **1217** Priority **4** Status **Active** Progress **0 %**

Purpose and Need 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

Project Lead **Larry Rouen** Office **Pavement Engineering** 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	10	
# 3				0	0	
# 4 Evaluation of Pilot projects	Chico	8/1/2011	8/1/2013	0	0	
# 5 SSP	Engr	8/1/2011	12/30/2011	0	0	
# 6 Guidelines	Chico	8/1/2011	12/30/2011	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, Irouen, updated targets and Pys

Project **Full Depth Concrete Repair** Task Group **Preservation** Subtask Group **Rigid Pavement** RPC **YES**

Completion Date **1/1/2013** Today's Date **3/2/2011** No. of Days **671** Priority **5** Status **Active** Progress  **16.2 %**

Purpose and Need **Standard plans and specification for partial (spall) and full depth slab repair/replacement**

Project Lead **Larry Rouen** Office **Pavement Engineering** Phone **916-227-5854** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Reorganize slab replacement specifications	Engr	5/1/2011	4/1/2012	50	0	
# 2 Consolidate slab replace guidelines and update	Chico	6/1/2012	1/1/2013	25	0	
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				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** RPC **YES**

Completion Date Today's Date **3/2/2011** No. of Days Priority **6** Status **Active** Progress **0 %**

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

Project Lead **Larry Rouen** Office **Pavement Engineering** Phone **916-227-5854** 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	80	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 District 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 **Quieter Flexible Pavement** Task Group **Preservation** Subtask Group **Quieter Pavement** RPC **YES**

Completion Date **6/30/2012** Today's Date **3/2/2011** No. of Days **486** Priority **7** Status **Active** Progress  **31 %**

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

Project Lead **Linus Motumah** Office **Pavement Engineering** Phone **916-227-5851** 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	165	To be published soon
# 2 Conduct field & HVS evaluation	UCPRC	7/1/2010	6/30/2011	10	65	Under Development
# 3 Develop NSSP for quieter OGFC mixes	Engr	7/1/2011	6/30/2012	0	0	
# 4 Update & adopt specification for OGFC mixes	Engr	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	65	Ongoing research
# 7					0	
# 8					0	

Log

Project **Quieter Rigid Pavement** Task Group **Preservation** Subtask Group **Quieter Pavement** RPC **YES**

Completion Date **12/1/2012** Today's Date **3/2/2011** No. of Days **640** Priority **7** Status **Active** Progress  **38 %**

Purpose and Need **To reduce noise generated by tire-pavement interaction on rigid pavements. New Generation Concrete Surface (NGCS) grind promises to reduce tire-pavement noise significantly.**

Project Lead **Linus Motumah** Office **Pavement Engineering** 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	Engr	7/1/2008	1/1/2010	100	100	Approved
# 2 Construct two pilot test sections	Engr	1/1/2011	1/1/2012	40	15	Under Development
# 3 Update and adopt NGCS specifications	Engr	1/1/2012	7/1/2012	0	0	
# 4 Update Quieter Pavement policy	Engr	1/1/2012	7/1/2012	0	0	
# 5 Complete 3rd year rigid QP research & report	UCPRC	7/1/2010	7/1/2011	50	65	Ongoing research
# 6 Develop conc texture performance curves	Engr	7/1/2011	12/1/2012	0	0	
# 7					0	
# 8					0	

Log

Project **Hot in-place recycling (HIR)** Task Group **Preservation** Subtask Group **Recycling** RPC **YES**

Completion Date Today's Date **3/2/2011** No. of Days Priority **8** Status **Active** Progress **0 %**

Purpose and Need Create specifications for HIR

Project Lead Larry Rouen Office Pavement Engineering Phone 916-227-5854 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	80	Under Development
# 2 revise nssp	Engr	2/1/2011	6/1/2011	0	20	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, Irouen, revised target dates fro nssp, mix design and MTAG
 1/14/2011 pv, to be discussed with Co-chairs.

Project **Tinining spec for PCC** Task Group **Preservation** Subtask Group **Quieter Pavement** RPC **YES**

Completion Date **6/30/2012** Today's Date **3/2/2011** No. of Days **486** Priority **9** Status **Active** Progress **0 %**

Purpose and Need **Improve the tining specification for PCC**

Project Lead **Linus Motumah** Office **Pavement Engineering** Phone **916-274-6155** 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	Engr	7/1/2010	5/1/2011	0	80	
# 2 Identify charateristics of quietest tines	Consult	7/1/2010	5/1/2011	0	80	
# 3 Develop new tining specification	Engr	7/1/2010	6/30/2012	0	35	
# 4 Establish means to measure	Engr	7/1/2010	6/30/2012	0	35	
# 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 **Polymer Modified Chip Seal (PM/TR)** Task Group **Preservation** Subtask Group **Specifications** RPC **YES**

Completion Date Today's Date **3/2/2011** No. of Days Priority **10** Status **Active** Progress  **25 %**

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

Project Lead **Larry Rouen** Office **Pavement Engineering** Phone **916-227-5854** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 SSP	Engr	12/1/2008	6/30/2011	25	85	Under Development
# 2 Evaluation Report	Chico	10/1/2010	4/1/2011	20	80	
# 3 Update Guidelines	Engr	3/1/2011	6/30/2011	0	0	
# 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, Irouen, updated Pys
 2/9/11, Added nSSP deliverable

Project **Warm mix asphalt rubber chip seal** Task Group **Preservation** Subtask Group **Seals & Coats** RPC **YES**

Completion Date **6/30/2013** Today's Date **3/2/2011** No. of Days **851** Priority **11** Status **Active** Progress  **8 %**

Purpose and Need **Introduce WMA technology into asphalt rubber chip seal strategies.**

Project Lead **Larry Rouen** Office **Pavement Engineering** Phone **916-227-5854** E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 NSSP	Engr	8/3/2010	5/1/2011	80	75	Under Development
# 2 Project Selection Guidelines	Engr	1/1/2011	9/30/2011	0	20	
# 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	Engr	2/1/2012	6/1/2013	0	0	
# 6 Update Guidelines	Engr	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, Irouen, 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** RPC **YES**

Completion Date **6/30/2011** Today's Date **3/2/2011** No. of Days **120** Priority **12** Status **Active** Progress **60 %**

Purpose and Need **Train CT and contractor personnel on Chip Seal construction**

Project Lead **Larry Rouen** Office **Pavement Engineering** 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 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	80	
# 3 Update Specifications	Engr	2/15/2011	6/30/2011	0	10	
# 4 Post on Web		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

Project **Micro-Surfacing JITT** Task Group **Preservation** Subtask Group **Training** RPC **YES**

Completion Date Today's Date **3/2/2011** No. of Days Priority **16** Status **Active** Progress **0 %**

Purpose and Need **Train CT and contractor personnel on micro-surfacing construction**

Project Lead **Larry Rouen** Office **Pavement Engineering** Phone **916-227-5854** 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	140	
# 2 Final JITT		2/1/2011	4/1/2011	0	45	
# 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**