

ROCK PRODUCTS COMMITTEE

WORK PLAN STATUS

January 25, 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
20	21	22	23	24	25	26
27	28					

MAR

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27	28	29	30	31		

APR

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24	25	26	27	28	29	30

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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28	29	30	31			

SEPT

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25	26	27	28	29	30	

OCT

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16	17	18	19	20	21	22
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				

Pavement Program Project Management Monthly Report

1/20/2011

Issue **2010 Specifications (Plain Language)** Topic **Asphalt** Subject **Specifications** RPC **Rock Products**

Completion Date **12/31/2011** Today's Date **1/20/2011** No. of Days **345** Priority **1** Status **Active** Progress **98.8 %**

Purpose and Need **Develop plain language specifications for construction with focus on HMA and asphalt binder specifications.**

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 Section 39	Engr	6/1/2009	12/31/2010	95	103.5	Version 5
# 2 Section 92	Engr	6/1/2009	12/31/2010	100	100	Submitted to OE
# 3 Section 93	Engr	6/1/2009	12/31/2010	100	100	Submitted to OE
# 4 Section 94	Engr	6/1/2009	12/31/2010	100	100	Submitted to OE
# 5				0	0	
# 6				0	0	

Log **1-19-11 Section 92, 93, and 94 has been submitted to OE**

Issue **Warm Mix Asphalt** Topic **Asphalt** Subject **Warm Mix Asphalt** RPC **Rock Products**

Completion Date **1/1/2012** Today's Date **1/20/2011** No. of Days **346** Priority **2** Status **Active** Progress **23 %**

Purpose and Need **Develop a performance 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	2/1/2011	90	97.9	Submit for Approval
# 2 Testing requirements for WMA	Engr	9/1/2010	3/31/2011	0	66.8	Under Development
# 3 Guidance for selecting WMA additives	Engr	9/1/2010	9/30/2011	0	35.8	Under Development
# 4 Specification	Engr	9/1/2010	1/30/2012	25	27.3	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	

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

Issue **HMA materials test methods** Topic **Asphalt** Subject **Specifications** RPC **Rock Products**

Completion Date **2/28/2011** Today's Date **1/20/2011** No. of Days **39** 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	12/31/2010	95	102.1	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	12/31/2010	100	100	371 Under review
# 6 CT 368	Mets	5/8/2008	12/31/2011	100	100	Done

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**

Issue **Moisture Sensitivity of HMA** Topic **Asphalt** Subject **Moisture Sensitivity** RPC **Rock Products**

Completion Date **12/31/2013** Today's Date **1/20/2011** No. of Days **1076** 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	83	Under Development
# 2 Decision Document on Lime Marination	Engr	10/1/2010	12/30/2011	0	24.4	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		

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
 On hold till Management decide what to do.

Issue **Section 39 Smoothness (Short Term)** Topic **Asphalt** Subject **Smoothness** RPC **Rock Products**

Completion Date **2/28/2011** Today's Date **1/20/2011** No. of Days **39** 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	2/28/2011	50	67.2	Under Development
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	

Log **1-19-11, Update Status PJV**

Issue **Section 39 (Part A)** Topic **Asphalt** Subject **Section 39** RPC **Rock Products**

Completion Date **6/30/2013** Today's Date **1/20/2011** No. of Days **892** Priority **6** Status **Active** Progress **1 %**

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

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	10	85.3	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	

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

Issue **Section 39 (Part B)** Topic **Asphalt** Subject **Section 39** RPC **Rock Products**

Completion Date **6/30/2013** Today's Date **1/20/2011** No. of Days **892** Priority **6** Status **Active** Progress **0 %**

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. 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 JMF verification and QA test results.	Asphalt			1	0	
# 2 IA Certification for AASHTO and ASTM Tests	Asphalt			0	0	
# 3 Gather Industry Comments	Asphalt			0	0	
# 4 Binder Grade	Asphalt			0	0	binder exceed range
# 5 Post Plant Sampling Location	Materials			0	0	need test method
# 6				0	0	

Log Comments see Section 39 Part (A)

Issue **RHMA Usage** Topic **Asphalt** Subject **Specifications** RPC **Rock Products**

Completion Date **6/30/2012** Today's Date **1/20/2011** No. of Days **527** Priority **7** Status **Active** Progress **3.4 %**

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	51.9	Under Development
# 2 RHMA performance evaluation	Asphalt	6/30/2010	6/30/2012	0	27.9	
# 3 Evaluation of Type I vs. Type II	Asphalt	6/30/2010	6/30/2012	0	27.9	
# 4				0	0	
# 5				0	0	
# 6				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.

Issue **Section 39 Smoothness (Long Term)** Topic **Asphalt** Subject **Smoothness** RPC **Rock Products**

Completion Date **12/31/2013** Today's Date **1/20/2011** No. of Days **1076** Priority **8** Status **Active** Progress  **16.5 %**

Purpose and Need **Develop revised specs for Section 39 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	55.8	Written
# 2 Test Method, Equipment, & Calibration	Mets	7/1/2011	12/31/2011	0	0	
# 3 Update Specification & Acceptance Criteria	Asphalt	6/30/2012	12/31/2011	0	0	
# 4 Adopt Specification & Acceptance Criteria	Asphalt	6/30/2012	12/31/2011	0	0	
# 5 Construction Policy Bulletin	Constr	6/30/2012	12/31/2011	0	0	
# 6 Training	Engr	6/30/2012	12/31/2011	0	0	

Log **1/19/11, Update Requestor, Lead info, PJV**

Issue **Safety Edge (asphalt)** Topic **Asphalt** Subject **Safety Edge** RPC **Rock Products**
 Completion Date **12/30/2011** Today's Date **1/20/2011** No. of Days **344** 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	46.7	Identifying Projects
# 3 Establish criteria for where to place Safety Edge	Engr	9/1/2010	2/1/2011	10	92.2	Under Development
# 4 Update manuals, specs, and plan	Engr	2/1/2011	6/30/2011	0	0	
# 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	43.4	

Log

Issue **HMA leveling course** Topic **Asphalt** Subject **Specifications** RPC **Rock Products**
 Completion Date **6/30/2011** Today's Date **1/20/2011** No. of Days **161** Priority **10** Status **Active** Progress **2.5 %**

Purpose and Need **Current HMA level course specification does not 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	55.8	Under Development
# 2 Specifications	Engr	7/1/2010	6/30/2011	0	55.8	Under Development
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	

Log **1/19/11, Looking for assistance from consultant on guidelines.**

Issue **Materials Plant Quality Program (MPQP) RHMA** Topic **Asphalt** Subject **Construction/Plants** RPC **Rock Products**
 Completion Date **6/30/2011** Today's Date **1/20/2011** No. of Days **161** Priority **17** Status **Active** Progress **1 %**

Purpose and Need **Better control 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	1	55.9	
# 2				0	0	
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				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.

Issue **2010 Plain Language Update** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**
 Completion Date **7/1/2011** Today's Date **1/20/2011** No. of Days **162** Priority **1** Status **Active** Progress **50 %**

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	50	85.5	SOE compiled their comments in minutes
# 5 Feedback to STGs	Materials	11/10/2010	7/1/2011	50	30.5	STG received some feedback
# 6 Finalize Specification	OE	2/1/2010	7/1/2011	0	68.5	

Log

Issue **2010 Specification (Plain Language)** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**
 Completion Date **7/1/2011** Today's Date **1/20/2011** No. of Days **162** 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	78.7	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	72.7	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	

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**

Issue **2010 Plain Language Update** Topic **Concrete** Subject **Precast Concrete** RPC **Rock Products**
 Completion Date **7/1/2011** Today's Date **1/20/2011** No. of Days **162** Priority **1** Status **Active** Progress **50 %**

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	50	30.5	SOE compiled their comments in minutes
# 5 Feedback to STGs	Materials	11/10/2010	7/1/2011	50	30.5	STG received some feedback
# 6 Finalize Specification	OE	11/10/2010	7/1/2011	0	30.5	

Log

Issue **Evaluate the need for CT 515** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**

Completion Date **10/27/2010** Today's Date **1/20/2011** No. of Days **-85** Priority **2** Status **Active** Progress **99 %**

Purpose and Need **Evaluate the need for CT 515 and eliminate if no longer necessary. Provide changes to specifications where appropriate.**

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 Issue CPD	Materials	5/1/2010	10/27/2010	100	100	
# 2 Revise Section 90-2.02B	Materials	5/1/2010	10/27/2010	98	147.5	Completed, CPD 10-14 issued in Nov 2010
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	

Log **Completed, CPD 10-14 issued in Nov 2010**

Issue **Compressive strength of structural concrete** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**

Completion Date **11/23/2010** Today's Date **1/20/2011** No. of Days **-58** Priority **3** Status **Active** Progress **98.8 %**

Purpose and Need **Current specifications do not require submission of compressive strength data for structural concrete unless it is greater than 3600 psi. A minor revision to Section 90 is necessary to address this issue**

Project 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 Draft Specification and Plan	Materials	5/1/2010	10/27/2010	100	100	
# 2 Review Specification and Plan	Materials	10/1/2010	11/23/2010	100	100	
# 3 Final Specification and Plan	Materials	10/1/2010	11/23/2010	95	209.4	Completed, CPD 10-14 issued in Nov 2010
# 4				0	0	
# 5				0	0	
# 6				0	0	

Log **Completed, CPD 10-14 issued in Nov 2010**

Issue **Update Construction Manual** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**

Completion Date **7/1/2012** Today's Date **1/20/2011** No. of Days **528** Priority **4** 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	8.7	Discussed in subtask group meeting
# 2 Revise Chapter 4 Construction Details	HQ Constr	12/1/2010	7/1/2012	5	8.7	Discussed in subtask group meeting
# 3 Revise Chapter 6 sampling and testing	HQ Constr	12/1/2010	7/1/2012	5	8.7	Discussed in subtask group meeting
# 4				0	0	
# 5				0	0	
# 6				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.**

Issue **High Strength Concrete** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**

Completion Date **12/1/2011** Today's Date **1/20/2011** No. of Days **315** Priority **5** Status **Active** Progress  **8 %**

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 Draft Work Plan	Industry	11/1/2010	2/1/2011	80	87	Recieved a draft work plan, currently being discussed with industry
# 2 Review and Finalize Work Plan	Materials	2/1/2011	2/28/2011	0	0	
# 3 Case studies showing impact of current spec	Industry	1/31/2010	4/1/2011	0	83.3	
# 4 Discuss potential alternatives	Materials	6/1/2011	9/1/2011	0	0	
# 5 Review and finalize the best alternative	Materials	9/1/2011	11/1/2011	0	0	
# 6 Recommend any revisions to spec, if needed	Materials	11/1/2011	12/1/2011	0	0	

Log Based on additional industry input in subtask group meeting, the scope of this issue is being revised

Issue **Develop Performance-Based QC/QA Spec** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**
 Completion Date **7/1/2012** Today's Date **1/20/2011** No. of Days **528** Priority **6** Status **Active** Progress  **9 %**

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 Review existing performance based requirements	OSC	12/1/2010	6/1/2011	30	27.5	With project manager as Rob Reis, current performance based requirements are being evaluated for several projects
# 2 Update Spec to implement additional QC req	Materials	6/1/2011	7/1/2011	0	0	
# 3 Draft Changes to standard specification	Materials	7/1/2011	9/1/2011	0	0	
# 4 Revise Const Manl Consist w/Mat Stand's	HQ Constr	9/1/2011	12/1/2011	0	0	
# 5 Update CTM's (National Standards as needed)	Materials	12/1/2011	3/1/2012	0	0	
# 6 Implement and train staff		3/1/2012	7/1/2012	0	0	

Log

Issue **Revise QPL/AML Process for Cement and SCMs** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**
 Completion Date **3/15/2011** Today's Date **1/20/2011** No. of Days **54** Priority **7** Status **Active** Progress  **42 %**

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	90	33.3	Reviewed QPL process used by Texas, Florida, Nevada and Minnesota.
# 3 Review FHWA QC/QA Guides	Materials	1/5/2011	1/30/2011	90	60	Reviewing QC/QA Guidelines for sampling materials developed by FHWA
# 4 Draft AML Process	Materials	1/30/2011	2/15/2011	0	0	Draft AML process planned based on Deliverables 1 through 3 above
# 5 Receive feedback on AML Process	Materials	2/15/2011	2/28/2011	0	0	
# 6 Revise process and finalize	Materials	2/28/2011	3/15/2011	0	0	

Log

Issue **Statewide Aggregate Source Approval** Topic **Concrete** Subject **Concrete Materials/QA** RPC **Rock Products**

Completion Date **7/1/2012** Today's Date **1/20/2011** No. of Days **528** Priority **8** Status **Active** Progress  **10 %**

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 Review legal aspect of Activity	Materials	12/1/2010	4/1/2011	50	41.3	Current practices are being evaluated
# 2 Review existing databases	District	4/1/2011	5/1/2011	0	0	
# 3 Determine applicable tests	District	5/1/2011	6/1/2011	0	0	
# 4 Evaluate Software	Materials	6/1/2011	9/1/2011	0	0	
# 5 Create Test Software	Materials	9/1/2011	4/1/2012	0	0	
# 6 Populate Database and distribute	Materials	4/1/2012	7/1/2012	0	0	

Log **Additional input from industry was considered during task group meeting, to work with district labs to have centralized database between all districts for aggregate sources and pit locations**

Issue **Smoothness** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**

Completion Date **7/1/2013** Today's Date **1/20/2011** No. of Days **893** 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	220.7	Submit for Comments
# 2 Measure IRI on construction projects	Conc Pvmt	10/1/2010	6/30/2011	0	40.8	
# 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	55.8	
# 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	

Log

Issue **Safety Edge (concrete)** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**
 Completion Date **12/30/2012** Today's Date **1/20/2011** No. of Days **710** 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	0	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	

Log

Issue **Fully Pervious Concrete Pavement** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**
 Completion Date **7/1/2011** Today's Date **1/20/2011** No. of Days **162** 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	71.8	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	97.9	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	85	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	0	
# 5 Sample Details	Conc Pvmt	1/1/2011	6/30/2011	0	10.6	
# 6 Adopt Specifications	Conc Pvmt	5/1/2011	8/31/2011	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.**

Issue **Bond Breaker** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**
 Completion Date **9/1/2011** Today's Date **1/20/2011** No. of Days **224** 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	10.5	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	

Log

Issue **Coefficient of Thermal Expansion (CoTE)** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**
 Completion Date **6/30/2012** Today's Date **1/20/2011** No. of Days **527** 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)	Conc Pvmt	1/1/2011	9/30/2011	0	7	
# 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	

Log

Issue **CRCP Design Details** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**

Completion Date **7/1/2012** Today's Date **1/20/2011** No. of Days **528** 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	0	has not started yet
# 3 Guidance for end treatments	Conc Pvmt	11/1/2010	6/1/2011	0	37.7	Under Development
# 4 Dealing with CRCP at cont. joints	Conc Pvmt	2/1/2010	6/1/2011	0	72.8	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

Log

Issue **Joint Sealing** Topic **Concrete** Subject **CIP Concrete Pavement** RPC **Rock Products**

Completion Date **7/1/2011** Today's Date **1/20/2011** No. of Days **162** 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	83.9	writing report between other tasks.
# 2 Test Section for 3/16" joints with seal	Conc Pvmt	9/1/2010	4/30/2011	20	58.5	dreaft test section workplan
# 3 Section 40-1.02L(4)-joint width/depth compression	Conc Pvmt	2/1/2011	6/1/2011	0	0	under development
# 4 40-1.03E(6)-splicing of trnsverse seal	Conc Pvmt	2/1/2011	6/1/2011	0	0	under development
# 5 40-8.03C(8)-install PCS as an option.	Conc Pvmt	2/1/2011	6/1/2011	0	0	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.

Log

Issue **Precast concrete pavement** Topic **Concrete** Subject **Precast 02** RPC **Rock Products**
 Completion Date **12/31/2012** Today's Date **1/20/2011** No. of Days **711** Priority **16** Status **Active** Progress **5.2 %**

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	94.4	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	22.2	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	0	16.5	
# 4 Usage Guide & Design Method/Software	Conc Pvmt	1/1/2011	6/30/2012	0	3.5	
# 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	

Log

Issue **Precast Structures Specification** Topic **Concrete** Subject **Precast Concrete** RPC **Rock Products**
 Completion Date **7/1/2012** Today's Date **1/20/2011** No. of Days **528** Priority **17** Status **Active** Progress **5 %**

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	50	55.6	Spec under review
# 2 Compose Draft	Materials	3/1/2011	2/1/2012	0	0	
# 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	

Log

Issue **Precast QC QA Provisions** Topic **Concrete** Subject **Precast Concrete** RPC **Rock Products**

Completion Date **7/1/2012** Today's Date **1/20/2011** No. of Days **528** Priority **18** Status **Active** Progress  **5 %**

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	50	55.6	Currently being reviewed
# 2 Compose Draft		3/1/2011	2/1/2012	0	0	
# 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	

Log

Issue **2010 Specifications (Plain Language)** Topic **Foundation** Subject RPC **Rock Products**

Completion Date Today's Date No. of Days Priority Status Progress

Purpose and Need

Project Lead Office Phone E-FIS Project Number E-FIS Subtask Number

Deliverable or Task	Office	Start Date	End Date	Complete %	Elapsed %	Status
# 1 Section 19,SEG, Low Strength, Shoulder Backing	Constr	6/15/2008	2/18/2011	75	97	Ver 4. Comments due 12-13-10.
# 2 Section 24	Engr	6/15/2008	2/18/2011	97	97	Ver 5. Concurrence from all but Construction received. Construction asked for dispute resolution for cmts OE rejected.
# 3 Section 25, Section 26	Engr	6/15/2008	12/10/2010	100	100	Ver 6. Submitted to OE on 12-10-10.
# 4 Section 27, Section 28	Engr	6/15/2008	1/13/2011	100	100	Ver6. submitted to OE on 1-13-11 for sect. 28 and on 12-10-10 for section 27.
# 5 Section 29	Engr	6/15/2008	12/10/2010	100	100	Ver 6 submitted on 12-17-10.
# 6 Section 68-3, Section 88-1.07	Mets	6/15/2008	2/18/2011	75	97	Sec 88 ver 6. Sec 68-3 (by Design) Ver 4

Log 5/28/2010: Ver-4 of Sections 25,26,28 and 29 were sent out for comments.
 7/7/2010: Ver-3 of Sections 27 is completed.
 7/7/2010: Ver-1 of Sections 24 and 19-720 are completed
 8/31/2010: Ver-4 of section 25: Comments were received and addressed.
 12/7/10: v6 of 25 and 26 submitted.
 12/10/10: v6 of 27 submitted.
 12/17/10: v6 of 29 submitted.
 12/16/10: meeting between Jill and Bill on 24 and 28. Awaiting new draft on 24 from oe. Awaiting constr. Concur on 28.
 1/13/11: v6 of section 28 submitted.-pdb
 1/18/11: Section 24, Construction wants to elevate some issues.-pdb

Issue **Cement treated soils (CTS)** Topic **Foundation** Subject **Treated Soils and Bases** RPC **Rock Products**

Completion Date **5/30/2011** Today's Date **1/20/2011** No. of Days **130** 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	76.9	Existing ASTM methods will be utilized with some modification.
# 2 SSP	Engr	7/22/2009	5/30/2011	80	80.8	All technical issues are resolved
# 3 Guide	UCPRC	6/1/2010	5/30/2011	40	64.2	1st draft will be available by end of January 2011
# 4				0	0	
# 5				0	0	
# 6				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.

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.

Issue **Full Depth Reclamation Using Foamed Asphalt** Topic **Foundation** Subject **Treated Soils and Bases** RPC **Rock Products**

Completion Date **3/30/2011** Today's Date **1/20/2011** No. of Days **69** Priority **3** Status **Active** Progress **40.5 %**

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	10	96	UCPRC developed recommendations. Need to adapt into test method, review, and approve.
# 2 Report and Guideline Recommendations	UCPRC	7/1/2008	3/30/2011	90	93.1	UCPRC revising based on comments
# 3 Final Guidelines	Engr	12/15/2010	5/30/2011	5	21.7	Developing document structure
# 4				0	0	
# 5				0	0	
# 6				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 fo Caltrans version is started.

Issue **Pulverize Flexible Pavement** Topic **Foundation** Subject **Treated Soils and Bases** RPC **Rock Products**

Completion Date **5/31/2011** Today's Date **1/20/2011** No. of Days **131** Priority **4** Status **Active** Progress **2.8 %**

Purpose and Need **Develop a standard special provision (SSP) for pulverized flexible pavement to increase standardized use of recycling in rehabilitation 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 RPC Scoping Doc	Engr	1/5/2011	1/31/2011	55	57.7	nSSP drafted. Need update from research and review by stakeholders.
# 2 Draft SSP	Engr	1/5/2011	5/31/2011	0	10.3	
# 3 Additive Test Procedure	Engr	2/1/2011	7/29/2011	0	0	
# 4 Pulverization Guide Update	Engr	6/1/2011	10/31/2011	0	0	
# 5				0	0	
# 6				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.

Issue **2010 Specification (Plain Language)** Topic **Preservation** Subject **2010 Standard Specification** RPC **Rock Products**

Completion Date **3/25/2011** Today's Date **1/20/2011** No. of Days **64** Priority **1** Status **Active** Progress **87.2 %**

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	90.3	Version 4
# 2 Section 41	Engr	11/15/2009	3/25/2011	95	87.1	Version 5
# 3 Section 42	Engr	11/15/2009	3/25/2011	90	87.1	Version 5
# 4				0	0	
# 5				0	0	
# 6				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, Lrouen, Resolved comments for Section 42. Section 41 scheduled for 1/14/11

Issue **Fog Seal** Topic **Preservation** Subject **Seals & Coats** RPC **Rock Products**

Completion Date **6/30/2013** Today's Date **1/20/2011** No. of Days **892** Priority **2** Status **Active** Progress **0 %**

Purpose and Need **Fog Seal/Rejuvenator are potentially an excellent material for preserving asphaltic concrete pavement. However, application of these materials tend to reduce the friction values to a such an extent as to create a potential for accidents**

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	3/1/2011	0	96	Under Development
# 2 Test material	Chico	7/1/2011	8/1/2011	0	0	Under Development
# 3 MTAG Update	Chico	9/1/2011	6/1/2012	0	0	
# 4 Standard Special Provision	Engr	1/1/2013	6/30/2013	0	0	
# 5 Performance report	Chico	8/1/2012	1/1/2013	0	0	
# 6 Training	Engr	6/30/2013	7/30/2013	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

Issue **Cold in-place recycling** Topic **Preservation** Subject **Recycling** RPC **Rock Products**
 Completion Date **7/1/2012** Today's Date **1/20/2011** No. of Days **528** 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	76.6	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	13.2	
# 5				0	0	
# 6				0	0	

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

Issue **Rubberized Slurry Seal** Topic **Preservation** Subject **Specifications** RPC **Rock Products**
 Completion Date **7/1/2014** Today's Date **1/20/2011** No. of Days **1258** 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	0	
# 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	

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

Issue **Full Depth Concrete Repair** Topic **Preservation** Subject **Rigid Pavement** RPC **Rock Products**
 Completion Date **1/1/2013** Today's Date **1/20/2011** No. of Days **712** 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 **916-227-1980** 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	

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.

Issue **Scrub seal** Topic **Preservation** Subject **Seals & Coats** RPC **Rock Products**
 Completion Date Today's Date **1/20/2011** 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	72.7	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	

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.

Issue **Quieter Rigid Pavement** Topic **Preservation** Subject **Quieter Pavement** RPC **Rock Products**

Completion Date **6/1/2012** Today's Date **1/20/2011** No. of Days **498** Priority **7** Status **Active** Progress **28 %**

Purpose and Need **To reduce noise from tire-road interaction. New Generation Concrete Surface (NGCS) promises to reduce noise significantly. Laboratory for OGFC**

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 test sites	Engr	1/1/2011	1/1/2012	40	5.2	Under Development
# 3 Update and adopt specification	Engr	1/1/2012	7/1/2012	0	0	
# 4 Update policy	Engr	1/1/2012	7/1/2012	0	0	
# 5 Complete 4th year monitoring & report	UCPRC	7/1/2010	7/1/2011	0	55.6	
# 6 Develop conc texture performance curves	Engr	7/1/2011	12/1/2012	0	0	

Log

Issue **Quieter Flexible Pavement** Topic **Preservation** Subject **Quieter Pavement** RPC **Rock Products**

Completion Date **6/1/2012** Today's Date **1/20/2011** No. of Days **498** Priority **7** Status **Active** Progress **0 %**

Purpose and Need **To reduce noise from tire-road interaction.**

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 quieter OGFC	Engr	7/1/2010	2/1/2011	0	94.4	Approved
# 2 Construct test sites	Engr	7/1/2011	1/1/2012	0	0	Under Development
# 3 Update and adopt specification	Engr	1/1/2012	7/1/2012	0	0	
# 4 Update policy	Engr	1/1/2012	7/1/2012	0	0	
# 5 Complete 5th year monitoring & report	UCPRC	7/1/2010	7/1/2011	0	55.6	
# 6 Develop conc texture performance curves	Engr	7/1/2011	12/1/2012	0	0	

Log

Issue **Hot in-place recycling (HIR)** Topic **Preservation** Subject **Recycling** RPC **Rock Products**
 Completion Date Today's Date No. of Days Priority Status Progress

Purpose and Need

Project Lead Office 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	53	Under Development
# 2 revise nssp	Engr	2/1/2011	6/1/2011	0	0	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	

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.

Issue **Tinining spec for PCC** Topic **Preservation** Subject **Quieter Pavement** RPC **Rock Products**
 Completion Date Today's Date No. of Days Priority Status Progress

Purpose and Need

Project Lead Office Phone 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	66.8	
# 2 Identify charateristics of quietest tines	Consult	7/1/2010	5/1/2011	0	66.8	
# 3 Develop new tining specification	Engr	7/1/2010	6/30/2012	0	27.8	
# 4 Establish means to measure	Engr	7/1/2010	6/30/2012	0	27.8	
# 5				0	0	
# 6				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.

Issue **Polymer Modified Chip Seal (PM/TR)** Topic **Preservation** Subject **Specifications** RPC **Rock Products**
 Completion Date Today's Date No. of Days Priority Status Progress

Purpose and Need

Project Lead Office Phone 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	70	82.9	Under Development
# 2 Evaluation Report	Chico	10/1/2010	4/1/2011	20	61	
# 3 Update Guidelines	Engr	3/1/2011	6/30/2011	0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	

Log Test section have been completed in district 11.
 NSSP is currently in use.
 1/13/11, Irouen, updated Pys

Issue **Warm mix asphalt rubber chip seal** Topic **Preservation** Subject **Seals & Coats** RPC **Rock Products**
 Completion Date Today's Date No. of Days Priority Status Progress

Purpose and Need

Project Lead Office Phone 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	62.7	Under Development
# 2 Project Selection Guidelines	Engr	1/1/2011	9/30/2011	0	7	
# 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	

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.

Issue **Chip Seal Just In Time Training (JITT)** Topic **Preservation** Subject **Training** RPC **Rock Products**

Completion Date **6/30/2011** Today's Date **1/20/2011** No. of Days **161** 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	53.3	
# 3 Update Specifications	Engr	2/15/2011	6/30/2011	0	0	
# 4 Post on Web		6/30/2011	6/30/2011	0	0	
# 5				0	0	
# 6				0	0	

Log **8/3/2010-Draft JITT is in review**
1/13/11, Irouen, info up to date

Issue **Micro-Surfacing JITT** Topic **Preservation** Subject **Training** RPC **Rock Products**

Completion Date Today's Date **1/20/2011** 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	126.5	
# 2 Final JITT		2/1/2011	4/1/2011	0	0	
# 3				0	0	
# 4				0	0	
# 5				0	0	
# 6				0	0	

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