

## **Full and Partial Depth Slab Replacement WORKPLAN 2010**

<b>SUBTASK GROUP MEMBERS</b>	<b>SUBTASK GROUP PURPOSE</b>
Kirsten Stahl, Vince Perez, Dulce Rufino Feldman, Reza Jahromi, Alex Perez, Simon Yeh-Fu Wang, Shahriar Yadegari, Fariborz M Tehrani, Jack Jung, Ric Maggenti, Art Bigelow, David Lang, Boris Stein, Renato Kich, Jeff Throop, Don Vivant, Nabil Abifadel, Richard Stubstad, Steve Frank, Tanmay Kumar, Dragos Andrei, Roosevelt McCord, Boyd Mitchell, Kevin Sciotto, Michael Stevenson, Edward G Toledo, Morey Bouzari, Imelda Diaz	The <i>Full and Partial Depth Slab Replacement Sub-task Group for PCC Pavement Preservation</i> evaluates and recommends changes to provide continuous improvement to existing practices, including specifications, test methods, materials, training, educational outreach, and advocacy to restore PCC pavements with durable, and cost effective full and partial depth PCC strategies, that improve California's mobility.

### **2009 MAJOR ACCOMPLISHMENTS**

1. Technically Competent members with diverse backgrounds and excellent participation.
2. Bring ideas to the table to understand and identify needs to preserve PCC pavements.
3. Thoroughly explore each topic for understanding and improvement of slab replacement strategies.
4. Have developed extensive notes of each item.
5. Drafted proposed changes to test methods, specifications, and special provisions.
6. Study costs of RSC vs. HMA slab replacements.
7. Implemented Lean Concrete Base Rapid Setting (LCBRS) specification.
8. Completion of LA-91 major slab replacement (Chumo).
9. Nearing completion (95%) of LA-10 Busway reconstruction (Griffith).
10. Active Role Participation in 2009 Annual California Pavement Preservation Conference.
11. Assisted Calpoly Pomona Engineering Students with Senior Project
12. Agreement to continue to work on PCC preservation issues.

### **2010 WORKPLAN**

Description of Tasks	Who's working on it?	Projected Completion Date?
<b>1. Revise statement of PCC pavement preservation.</b>	Group	12/1/09
<b>2. Prioritize delivery of PCC pavement preservation items.</b>	Group	12/1/09
<b>3. Update RSC NSSP and Section 40 with HQ Division Pavement Management.</b>	K. Stahl, D. Feldman, R. Maggenti	3/2010
<b>4. Standardize JITT evaluation form</b>	A. Perez, K. Stahl, D. Feldman	3/2010
<b>5. Develop checklist for inspectors performing RSC placement.</b>	S. Yadigari, A. Perez, R. Jahromi, J. Throop	6/2010
<b>6. Need for JITT certification and tracking of trainees.</b>	V. Perez, A. Perez, S. Yadigari, J. Throop	6/2010
<b>7. Review and comment on new JITT special provision.</b>	Group	6/2010

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| <b>8. Revisions to CT 523 and 524 for consistency and repeatability</b>  | B. Stein, F. Tehrani, A. Perez                         | 6/2010  |
| <b>9. Establish proper content and timing of Just-in-time training (JITT) with pre-job meeting and trial slab.</b>                   | V. Perez, S. Yadigari, A. Perez, J. Throop             | 9/2010  |
| <b>10. Evaluation of polyester concrete for minor grade corrections of PCCP.</b>   | K. Stahl, R. Jahromi, R. Maggenti, D. Feldman, S. Wang | 9/2010  |
| <b>11. Review and comment on contractor Date Stamp of new and replacement concrete pavement for performance tracking.</b>            | J. Jung, A. Perez, D. Feldman                          | 9/2010  |
| <b>12. Evaluation of LCBRS for slab and lane replacement.</b>  | K. Stahl, J. Jung                                      | 9/2010  |
| <b>13. Evaluation of fiber reinforced concrete.</b>  | J. Jung, D. Lang, D. Feldman                           | 12/2010 |
| <b>14. Develop list of RSC projects to study for monitor and track longevity of RSC panels, and identify modes of early failure.</b> | J. Throop, D. Lang<br>D. Andrei, D. Feldman, J. Jung   | 12/2010 |
| <b>15. Develop list of projects to study for monitor, track and evaluate longevity of HMA panels.</b>                                | V. Perez, A. Bigelow, J. Jung, R. Jahromi              | 12/2010 |
| <b>16. Review and comment on Temporary Roadway special provision.</b>  | B. Stein, K. Stahl, D. Feldman                         | 12/2010 |
| <b>17. Review and comment on Approach Slab, Type R specification.</b>  | Group  | 12/2010 |