

Quarterly Progress Report – September 2010
For the period July 1, 2010 to September 30, 2010
ISU/FHWA Contract No. DTFH61-06-D-00023

Project Dates: September 11, 2008 – October 31, 2010

Project Title: CP Road Map Administrative Support Contract
(Task Order No. 3 – Continue Activities to Initiate CP Road Map)

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Project Monitor: Ahmad Ardani, 202-493-3151, email: ahmad.ardani@dot.gov

Project is on schedule: Yes (with extension to 10/31/10)

Project is within budget: Yes

Problems (current or anticipated): None

Products and tangible results this quarter (reports/articles written, oral reports/interviews given):

- A presentation was developed for the International Conference on Sustainable Concrete Pavements which was held in Sacramento, California on September 15-17, 2010.
- Two MAP Briefs were developed and are listed as follows:
 - Two-Lift Concrete Paving
 - Roller Compacted Concrete (RCC)
- Developed three monthly e-news.

Interaction with Technical Monitor and/or Project Advisory Committee:

- Communicated with FHWA on MAP Brief topics and general project questions on the phone and in person in California at the NC2 meeting.
- The Sustainability Track Leadership conference call was held on July 13, 2010.

Brief summary of this quarter's research and activities pertaining to the project:

- Each month a new edition of the e-News is developed and distributed which includes a tech brief. Subjects include:

July

- ACPA launches website database for concrete overlays
- Virginia Transportation Council investigates high friction surfaces
- University of Illinois investigates two-stage mixing for recycled concrete aggregates
- Texas research project evaluates alternatives to asphalt for subbase layers
- Free ACPA software helps users develop job-specific dowel bar designs

August

- Special Issue - Updates from International Technology Scanning Tour on Long-life Concrete Pavements
- MAP Brief 13-1: Two-lift Concrete Paving
- Two-lift concrete paving
- Concrete pavement design catalogs
- High-quality concrete pavement foundations
- Improved concrete mixture designs
- Geotextile interlayers between cement-bound layers
- Exposed aggregate concrete pavement surfaces

September

- Highlighted research in Minnesota
- RCC MAP Brief
- September links include:
 - Dowel Bar Retrofit Performance in Wisconsin
 - Evaluation of In-Situ Stiffness of Subgrade by Resilient and FWD Modulus
 - Improving Concrete Overlay Construction
 - Quantifying Pavement Sustainability for Ontario Highways
 - Effect of Pavement Type on Fuel Consumption and Emissions in City Driving
- Preparation for and participated in the Sustainability Track Leadership conference call held on July 13, 2010.
- Presented at the NC² meeting for the CP Road Map in Sacramento, California on September 14, 2010 to update the states on the current status of the Road Map.
- Prepare for and attended the International Conference on Sustainable Concrete Pavements which was held in Sacramento, California on September 15-17, 2010.
- Preparations have begun to schedule a face-to-face Executive and Pool Fund Committee meeting sometime in December 2010 or early 2011.

Main emphasis for next quarter:

- Continue to work to set up discussions for industry and DOT interaction
- Develop e-news and MAP Briefs for continued distribution
- Implement changes to the Design Track Leadership's key areas of concentration and subcommittee membership as necessitated by the conference call of January 6, 2010.
- Set up a conference call with state DOTs.
- Set up conference call with all track leadership groups including Business Track.
- It is planned to hold regular webmeetings on the sustainability track and invite researchers around the country to participate.

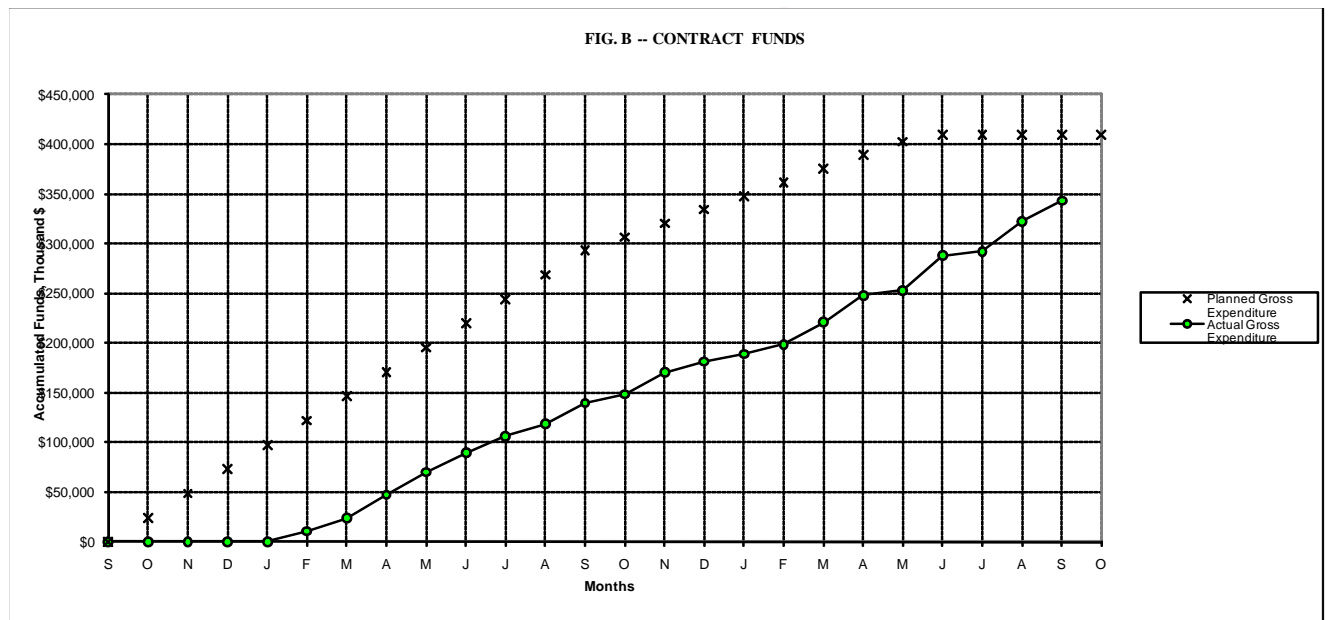
Task #	Task Description	Completion Date Expected/Actual	% of Task Completed
A	Support Executive Committee & Pool Fund Committee	7/12/10	90%
B	Support Research Track Teams	7/12/10	90%
C	Conduct Communications and Outreach Activities	7/12/10	90%

PROGRESS SCHEDULE

Research Agency Concrete Pavement Technology Center/Iowa State University FY 2010
 Principal Investigator Tom Cackler Qtr 9/30/10

Professional Staffing Hours Worked Calculation																
Staff	Qtr Ending 12-31-08		Qtr Ending 03-31-09		Qtr Ending 6-30-09		Qtr Ending 9-30-09		Qtr Ending 12-31-09		Qtr Ending 03-31-10		Qtr Ending 6-30-10		project extended Qtr ending 9-30-10	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
Tom Cackler	41	0	41	40.99	41	61.5	41	86.35	82.83	74.54	82.83	61.28	82.83	48.06		128.97
Peter Taylor	50	0	50	49.98	50	74.98	50	74.98	78.32	70.13	78.32	100.5	78.32	26.1		38.04
Paul Wiegand	70.5	0	70.5	70.46	70.5	85.2	70.5	126.37	94.55	60.8	94.55		94.55			
Sharon Prochnow	46	0	46	45.99	46	68.99	46	72.43	10.33	10.3	10.33	11.12	10.32	8.62		

FIG. A -- OVERALL PROJECT SCHEDULE



Funds Expended	84%
Contract Amount	\$409,588
Expended this Quarter	\$55,475
Total Exp. to Date	\$343,393
Balance	\$66,195