Quarterly Progress Report – December 2008 For the period October 1, 2008 to December 31, 2008 ISU/FHWA Cooperative Agreement No. DTFH 61-01-H-00011 Pooled Fund Project

Project Dates: March 6, 2008 – March 5, 2010

Project Title: Development of Performance Properties of Ternary Mixtures:

Laboratory Study on Concrete, Addendum 241

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Progress Report:

Project is on schedule Yes
Project is within budget Yes
Significant changes in project description No

Problems (current or anticipated):

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

Interaction with Technical Monitor and/or Project Advisory Committee:

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

- Sample preparation at Utah is nearly complete. Test data are being collected.
- The freeze thaw chamber at ISU has been commissioned and test mixtures have been started
- TAC Meeting is being planned for Fall 09

Main emphasis for next quarter:

- Continue producing concrete specimens and testing them according to the workplan.
- Get Phase III field testing defined and under contract

No.	Task Description	Completion Date Expected	% completed
1	Determine matrix of concrete mixtures	July 2008	100
2	Concrete performance properties .	September 2009	60
3	Temperature effects	May 2009	10
4	Investigate existing ternary concrete	September 2009	0
5	Analysis of data	December 2009	10
6	Trial mixture designs for field studies	December 2009	0
7	Summary report	March 2010	0

QUARTERLY BUDGET REPORT FOR Project Title: Performance Properties of Ternary Mixes

DATA FOR THE QUARTER ENDING DECEMBER 31, 2008

BUDGET CATEGORY DESCRIPTION	AMOUNT BUDGETED	EXPENDITURES THIS PERIOD	CUMULATIVE EXPENDITURES
SALARIES/WAGES	\$85,413.00	\$982.04	\$103,304.03
BENEFITS	\$17,294.00	\$205.43	\$13,567.99
TRAVEL	\$25,000.00	\$0.00	\$17,118.02
SUPPLIES/MATERIALS	\$4,500.00	\$0.00	\$2,308.67
SUBCONTRACTS(subj to IDC)	\$50,000.00	\$0.00	\$50,000.00
SUBCONTRACTS(not subj to)	\$248,806.00	\$0.00	\$248,806.00
OTHER DIRECT COSTS	\$33,026.00	\$0.00	\$22,184.27
TOTAL DIRECT COSTS	\$464,039.00	\$1,187.47	\$457,288.98
INDIRECT COSTS (University			
Òverhead)		\$381.35	\$54,205.57
CATEGORY TOTALS	\$520,000.00	\$1,568.82	\$511,494.55

NOTES:

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