

**Quarterly Progress Report  
For the period January 1, 2011 to March 31 2011  
TPF-5(205)**

**Project Dates:** May 15, 2009 - May 14, 2011

**Project Title:** Concrete Pavement Mixture Design and Analysis (MDA) Addendum 353

**Principal Investigator:** Peter Taylor, 515-294-9333, email: ptaylor@iastate.edu

**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:**

- Site proportions analysis tool – a device has been loaned from the manufacturer and data are being collected.
- Integral waterprooferers – materials have been delivered and the work program finalized.
- Air void system – continue testing at OSU.
- Mix proportioning – a meeting was held with the team members and tasks were allocated.
- Guide Specification – work continued on writing chapters

**Main emphasis for next quarter:**

- Site proportions analysis tool –data analysis. It is planned to complete this task this quarter.
- Integral waterprooferers – continue preparing mixtures.
- Air void system – continue testing at OSU.
- Mix proportioning – begin to consolidate findings and preparing the protocol.
- Guide Specification – assemble chapters and begin review process.

No.	Task Description	Completion Date Expected	% completed
1	Investigate on-site proportions analysis tool	5/14/2010	50
2	Investigate acoustic methods to determine setting time	5/14/2010	20
3	Assess requirements for the air void system	5/14/2011	30
4	Develop alternative method of calculating mix proportions	5/14/2010	20
5	Prepare Guide Specification	5/14/2011	20
6	Prepare "Check Sheets" to accompany specification	5/14/2011	

**QUARTERLY BUDGET REPORT FOR**  
**Project Title: CONCRETE PAVMENT MIXTURE DESIGN & ANALYSIS**  
**Addendum 353**  
**DATA FOR THE QUARTER ENDING MARCH 31, 2011**

<b>BUDGET CATEGORY DESCRIPTION</b>	<b>AMOUNT BUDGETED</b>	<b>EXPENDITURES THIS PERIOD</b>	<b>CUMULATIVE EXPENDITURES</b>
SALARIES/WAGES	\$92,012.00	\$6,453.48	\$106,032.91
BENEFITS	\$30,640.00	\$1,878.09	\$23,777.25
TRAVEL	\$0.00	\$526.10	\$690.48
SUPPLIES/MATERIALS	\$10,500.00	\$46.00	\$46.00
SUBCONTRACTS(subj to IDC)	\$0.00	\$0.00	\$0.00
SUBCONTRACTS(not subj to)	\$0.00	\$0.00	\$0.00
OTHER DIRECT COSTS	\$57,323.00	\$0.00	\$0.00
<b>TOTAL DIRECT COSTS</b>	<b>\$190,475.00</b>	<b>\$8,903.67</b>	<b>\$130,546.64</b>
INDIRECT COSTS (University Overhead)	\$49,525.00	\$2,323.27	\$33,221.65
<b>CATEGORY TOTALS</b>	<b>\$240,000.00</b>	<b>\$11,226.94</b>	<b>\$163,768.29</b>

**NOTES:**

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