

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 30, 2008

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| Program: SPR-0010(36) FFY99 | | Part: II Research and Development | |
| Project Title: North Central Pavement Research Coordination Partnership (Frozen Four) | | Project ID: 0092-06-40 | |
| Administrative Contact: Nikki Hatch | | Sponsor: Wisconsin Department of Transportation | |
| WisDOT Technical Contact: Laura Fenley | | Approved Starting Date: February 22, 2006 | |
| Approved by COR/Steering Committee: \$40,000 | | Original End Date: February 22, 2008 | |
| Project Investigator (agency & contact): Hussain Bahia, UW Madison | | Current End Date: June 30, 2008 | |
| | | Number of Extensions: 1 | |

Percent Complete: 95%

Request a No Cost Time Extension (Please Select One): YES NO

Reason for No Cost Time Extension: NA

Project Description: The purpose of this pooled fund project is to maximize the coordination activities of four states in the upper Midwest. Those states include Wisconsin (the lead state), Minnesota, Michigan and Illinois. This purpose will be accomplished through three activities. Those activities are...

- 1) Development and maintenance of a Frozen Four website
- 2) Coordinate quarterly teleconferences
- 3) Coordinate face-to-face meetings

Progress This Quarter:

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)

Work plan for Phase II of the pooled fund was finalized and sent to the Frozen Four partners for review and comment.

Meeting was scheduled for April 3, 2008 in Madison, WI (Agenda Attached).

Finalized logistics of posting and advertising for pooled fund participation with WisDOT. WisDOT has also committed the \$20,000 commitment for Phase II of the project, which begins on July 1, 2008.

The draft work plan was prepared and submitted to WisDOT and partner states for review and comment. The draft work plan is attached to the quarterly report.

Work Next Quarter:

- 1) Focus on renewal of the pooled fund.
- 2) Finalize resilient modulus report and distribute to all parties.
- 3) Hold April 3rd meeting and follow up on all subsequent action items.
- 4) Use available funds to schedule one more conference call/meeting (mid June) to discuss future direction of the group and strategic areas of interest for year 2.
- 5) Solicit participation and develop work plans for renewal of the pooled fund.
- 6) Work with CTC to completely update and maintain Frozen Four website throughout remainder of the project.

Circumstances Affecting Progress/Budget:

Pooled fund was extended to allow more time for the group to discuss the direction of Phase II.

Quarter 1 2008 Report of Resilient Modulus Travel Reimbursement

FROZEN FOUR TRAVEL REIMBURSEMENT

Resilient Modulus Workshop, Lansing MI

October 17-18, 2007

| First | Last | Organization | Amount Expensed | Paid By UW |
|----------------------|------------|-------------------------------------|------------------|------------|
| Hussain | Bahia | WHRP | | |
| Irene | Battaglia | WisDOT | \$201.10 | X |
| Pat | Casey | CTC | \$91.50 | X |
| Shongtao | Dai | Minnesota DOT | \$1,084.20 | X |
| Laura | Fenley | WisDOT | \$210.60 | X |
| Andrew | Hanz | WHRP | \$1,184.10 | X |
| Ralph | Hodek | MTU | \$666.97 | X |
| Joe | Labuz | Univ. Minnesota, Civil Eng. | \$888.90 | X |
| Peg | Lafky | WisDOT | \$204.10 | X |
| Forsten | Mayrbreger | MTU | \$230.60 | X |
| Deb | Mishra | University of Illinois | \$412.35 | X |
| John | Siekmeier | Minnesota DOT | \$805.50 | X |
| Hani | Titi | University of Wisconsin - Milwaukee | \$438.55 | X |
| Total to Date | | | \$6418.47 | 77% |

Note: It is expected that approximately \$2500 will be needed to cover the outstanding reimbursements.

Financial Summary 2008 Q1

| Summary of Expenditures | |
|--------------------------------------|----------------------|
| Annual Budget | \$25,000.00 |
| Contract Amendmnet | \$15,000.00 |
| Total Budget | \$40,000.00 |
| Expense | Amount |
| Other Expenditures | \$ (13,683.48) |
| Subconsultant Expenditures | (\$5,250.00) |
| Total Expenditures | (\$18,933.48) |
| Encumbrances | \$ 7,564.03 |
| Subcontracts | \$ 5,025.00 |
| Indirect Costs | \$ 2,539.03 |
| Remaining Budget | \$13,502.49 |
| Percent Budget Used | 66% |
| Summary of Other Expenditures | |
| Domestic Travel | \$ 11,188.91 |
| Supplies | \$ 25.00 |
| Indirect Cost | \$ 2,469.57 |
| Total Expenditures | \$ 13,683.48 |

| Summary Subconsultant Invoices | | | |
|---------------------------------------|------------|----------------------------|---------------------|
| Invoice Number | Jrnl ID | Jrnl Date | Amount |
| Purchase Order | PO00000080 | 10/18/2005 | \$5,250.00 |
| FF 2006-01 | MW10731015 | 8/11/2006 | (\$1,450.00) |
| FF 2006-02 | MW12702006 | 12/5/2006 | (\$2,125.00) |
| FF 2006-03 | MW12702006 | 12/5/2006 | (\$950.00) |
| FF 2006-04 | JRT0000432 | 10/11/2007 | (\$725.00) |
| Purchase Order | | 8/1/2007 | \$5,025.00 |
| | | | |
| | | Subcontract Budget | \$10,275.00 |
| | | Total Expenditures | (\$5,250.00) |
| | | Remaining Budget | \$5,025.00 |
| | | Percent Budget Used | 51% |

AGENDA
North Central Pavement Research Partnership (Frozen Four)
3609 Engineering Hall
1415 Engineering Drive, Madison
April 3, 2008
8:30 – 4:30 pm

- 8:30 – 8:35** **Welcome**
- 8:35 – 8:45** **Approval of December Minutes - Andrew**
- 8:45 – 9:15** **Website Update – Kim Linsenmayer**
- 9:15-10:15** **Phase 2 Work Plan – Overview and Discussion – Andrew Hanz**
- Overview
 - Update on Solicitation
 - Discussion
- 10:15 – 10:30** **Break**
- 10:30 – 11:15** **Resilient Modulus Workshop Report – Matt Mullins**
- Comments/Suggested Revisions
 - Reporting for future workshops – Is format and depth of the report adequate?
- 11:15-12:00** **TSR– WisDOT Efforts That Support Implementation of the MEPDG – Matt Mullins**
- 12:00-1:15** **Lunch (?????)**
- 1:15-2:45** **Update on New Research Projects**
- Minnesota (15 minutes)
 - Michigan (15 minutes)
 - Wisconsin (15 minutes)
 - Illinois (15 minutes)
 - General Discussion (30 minutes)
 - Identify Overlapping Projects
 - Any possible ways to collaborate (logistics and admin)?
- 2:45 – 3:15** **Brainstorming About Phase II Pilot Projects-Andrew Hanz**
- Potential Topics (1 per year?)
 - Level of Funding
 - Administration

3:30 – 3:45

Business Meeting

- Financial Summary
- Revisit inclusion of universities/industry.

3:45- 4:00

Schedule Next Meeting