

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

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: Research Program Development		Project ID: 0092-43-01	
Administrative Contact: Nikki Hatch		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: Hussain Bahia		Approved Starting Date: March 15, 2007	
Approved by COR/Steering Committee: \$52,926.53		Original End Date: December 31, 2007	
Project Investigator (agency & contact): Hussain Bahia, UW-Madison		Current End Date: March 31, 2008	
		Number of Extensions: 1	

Percent Complete: 100%

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

Reason for No Cost Time Extension: Project has already been extended to allow for execution of new Program Development Contract

Project Description:

The Research Program Development portion of this project includes the following tasks:

- 1.1: Implementation of WHRP's Strategic Plan
- 1.2: Identify Research Needs
- 1.3: Solicitation and Selection of Research Problem Statements
- 1.4: Research Contract/Budget Development

Progress This Quarter:

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

1.1: Implementation of WHRP's Strategic Plan

Under 1.a.i WHRP has made plans to resume attendance at HMA Tech Team meetings. When available WHRP will also attend subcommittee meetings.

Under 1.a.ii efforts were made to contact WisDOT to request approval for the survey to be re-circulated throughout the regions this year. The Geotech TOC has also been contacted and has shown interest in development of a research needs survey for their TOC.

Under 1.b.i WHRP worked with WisDOT, academia, and the TOCs to fund 3 implementation projects for FY 2008. WHRP continues to monitor their progress and evaluate the advantages and disadvantages to the current implementation approach. As part of these efforts a flow chart detailing possibilities for post project implementation was presented to the Steering Committee.

Under 1.b.ii WHRP continues to complete draft implementation and closure forms and review completed projects for implementation. In the last quarter 50% of completed Flex TOC projects were analyzed and recorded.

Under 1.c.i WHRP staff proposed to offer an optional visit to each of the regions. The proposals has been submitted to WisDOT and is pending approval.

Under 1.c.ii WHRP has made efforts to have researchers market their products by asking them to provide all presentations and technology transfer materials for research or implementation projects to be posted on the WHRP website.

Under 2.a.i WHRP has worked with CTC and Associates to summarize all of the completed and in-progress WHRP Projects related to ME Design. The summary was recently finished and soon to be posted on the WHRP website.

Under 2.a.ii WHRP continues to fund and monitor the technical progress of the 0092-06-01, a project focused on instrumentation of the perpetual pavement used in the Marquette Interchange. It is hoped that the overall research will provide more information regarding perpetual pavement design guidance. WHRP has the Data Integration TOC, the projects in-progress focused on providing WisDOT with better tools to monitor pavement performance and link it to as-built plans and materials and construction data.

Under 3.a.i WHRP has developed a work plan for Phase II of the Frozen Four project. WHRP continued to work on finalizing the deliverables from the resilient modulus workshop. The second phase includes increased funding to allow for more workshops and pilot projects. It is hoped these efforts will result in enhanced collaboration.

Under 3.a.ii The WHRP RPTOC and Geotech TOC continue to contribute a small portion of their funding to pooled fund projects.

Under 4.a.i WHRP is working with WisDOT to transition to more strict contracting policies without significantly delaying research contracts.

Under 4.a.ii Process for review and payment of invoices is well defined and has proven to be efficient. All FFY 2007 invoices have now been submitted in a format suitable to WisDOT.

Under 4.b.i WHRP has developed a summary of TOC points of contact for each project .

Under 4.b.ii WHRP has committed to evaluating progress versus amount charged through use of a comprehensive project database.

Under 5a WHRP has all Data Integration TOC projects in progress and has developed Project Oversight Committees for the PIF and Materials and Construction Database projects that include broad representation from all pertinent sections within WisDOT and industry. WHRP is currently working with the researchers to organize a POC for the planning project. WHRP also facilitated project kick off meetings for 0092-08-16 and 0092-08-17.

Under 5b the Data Integration TOC has been established to discuss research needs from field and design databases. The planning for the Data Integration Peer Exchange is also well underway.

1.2 Identify Research Needs

WHRP has requested approval to send out the Flexible and Rigid Pavements Research Needs Surveys out to regional WisDOT staff and industry. WHRP has also agreed to develop a survey for the Geotech TOC.

1.3 Solicitation and Selection of Research Problem Statements

WHRP carried out solicitation of all FY 09 RFPs and implemented a new Proposal Selection process. The selection process was modified to help bring WHRP practices in compliance with state procurement requirements. The process is in the pilot stage, results are being evaluated to identify potential improvements for the FY 2010 process.

1.4: Research Contract/Budget Development

WHRP has submitted a new Program Development contract signed by UW-Madison. The contract will be executed pending WisDOT signature.

Work Next Quarter:

1.1: Implementation of WHRP's Strategic Plan: WHRP will continue to implement and remain aware of opportunities related to the goals set forth in the strategic plan.

1.2: Identification of Research Needs:

- WHRP will review the Research Needs summary and incorporate comments detailing how concerns have been addressed through research or technical team activities. The report will be distributed to the survey participants as a follow up to their participation.
- WHRP will work on the Geotech Survey

1.3: Solicitation and Selection of Research Problem Statements

- WHRP will revise Selection process and procedures to address the concerns of the TOCs and Steering Committee.

1.4: Research Contract and Budget Development

- WHRP will present the FY 2009 Program Budget to the Steering Committee on April 11th for approval.

Circumstances Affecting Progress/Budget: None

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 31, 2008

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: Research Evaluation		Project ID: 0092-43-07	
Administrative Contact: Nikki Hatch		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: Hussain Bahia		Approved Starting Date: March 15, 2007	
Approved by COR/Steering Committee: \$30,367.68		Original End Date: December 31, 2007	
Project Investigator (agency & contact): Hussain Bahia, UW-Madison		Current End Date: March 31, 2008	
		Number of Extensions: 1	

Percent Complete: 100%

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

Reason for No Cost Time Extension:

Project Description:

The Research Evaluation portion of this project includes the following tasks:

- 2.1: Development and Maintenance of Research Project Evaluation/Tracking System
- 2.2: Reporting of Performance, Trends, and Cost/Benefit Analysis

Progress This Quarter:

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

2.1: Development and Maintenance of Research Project Evaluation/Tracking System

WHRP has maintained a research project evaluation and tracking system. The system tracks quarterly technical progress, financial progress, timely submittal of quarterly reports, number of extensions/amendments, and duration of extensions. The system also tracks the quarter when draft and final reports have been received. The measure implemented to alert WHRP of projects in need of No Cost Time Extensions was successful in aiding WHRP staff to uphold the No Cost Time Extension policy approved at the December 11th Steering Committee Meeting.

Development has continued on a database to track submittal of research implementation and closure forms and research impact forms. Improvements to the tracking of project closeout forms has been successfully implemented this quarter. The implementation tracking system also identifies past projects still in need of TOC action.

2.2: Reporting of Performance, Trends, and Cost/Benefit Analysis

WHRP has developed a format for reporting research performance in the administrative quarterly report. The performance measures include timeliness, budget, and no cost time extensions. Results of implementation and closure forms have been collected and analyzed to provide a clear one page summary of the outcome of the research after the project is complete. In the previous quarter these efforts focused on Rigid and Flex TOC projects.

Work Next Quarter:

2.1: Development and Maintenance of Research Project Evaluation/Tracking System

WHRP will continue to maintain and develop the Research Project Evaluation/Tracking System Database. Improvements will be made to provide information requested by WisDOT, the TOCs, or the Steering Committee.

2.2: Reporting of Performance, Trends, and Cost/Benefit Analysis

WHRP will continue reporting research project tracking and evaluations as a supplement to meeting materials for the WHRP Steering Committee and to WisDOT quarterly. Analysis will be done to answer any questions posed by WisDOT.

WHRP will continue to develop a completed projects database focused on quantifying the implementation of research and their impacts on practice. Efforts conducted for the RPTOC will be submitted for approval. Draft summaries will be completed for the Flexible Pavements and Geotech TOCs.

Circumstances Affecting Progress/Budget: None

Gantt Chart:

Task	% Effort	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	M	D	X	
2. Research Evaluation	26.4%																			
2.1: Development and Maintenance of Research Project Evaluation/Tracking System		D			D						D	D								
		XXX	X	X	XXX	X	X	XXX	X	X	XXX	X	X	XXX	X	X		0	6	25
2.2: Reporting of Performance, Trends, and Cost/Benefit Analysis (on an annual basis)		D	M			M									D	M				
		XXX	XX	XX	XXX	XX	XX	XXX	XX	XX	XXX	XX	XX	XXX	XX	XX		5	2	35

KEY	M = Meeting D = Deliverable X = Minimal Effort XX = Moderate Effort XXX = Most Effort
------------	---

State of Wisconsin/Department of Transportation

RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 31, 2008

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: Research Implementation		Project ID: 0092-43-08	
Administrative Contact: Nikki Hatch		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: Hussain Bahia		Approved Starting Date: March 15, 2007	
Approved by COR/Steering Committee: \$18,799.04		Original End Date: December 31, 2007	
Project Investigator (agency & contact): Hussain Bahia, UW-Madison		Current End Date: March 31, 2008	
		Number of Extensions: 1	

Percent Complete: 100%

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

Reason for No Cost Time Extension:

Project Description:

The Research Implementation portion of this project includes the following tasks:

- 3.1: Identification and Work Plan Development of Projects for Implementation
- 3.2: Coordination of Implementation Activities

Progress This Quarter:

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

3.1: Identification and Work Plan Development of Projects for Implementation:

WHRP implemented the small contract solicitation procedure specified by FDM 8-10-5 for the Rigid and Structures TOC Implementation projects. In addition, first right of refusal language was developed and incorporated into FY 2009 contracts.

3.2: Coordination of Implementation Activities

WHRP also served as the point of communication between the TOC and PI, facilitating meetings and approval of work plans for other implementation activities. The analysis method developed last quarter was used to assess the implementation and impact of completed research for the Flex TOC, currently 50% of the Flex TOC projects have been analyzed. WHRP also worked closely with members of the Flex TOC to develop a process chart for a research project that diagrams decision points from project closeout to implementation.

Work Next Quarter:

3.1: Identification and Work Plan Development of Projects for Implementation:

The FY 2006 and 2007 implementation projects will be evaluated by WHRP in terms of their effectiveness of putting research into practice. The evaluation will be presented to the Steering Committee and TOCs in the form of a written report. The report will include recommendations for improvements to current practice, a summary of the implementation of completed projects, and the summary of implementation projects.

3.2: Coordination of Implementation Activities

WHRP will continue to take responsibility for completion of a draft version of the I&C forms to be reviewed and approved by the TOC. Recently completed I&C forms will be incorporated into the completed projects database. WHRP will continue the analysis of the implementation and impact of previously completed projects. The results of 3.1 and 3.2 will be summarized in an implementation report. The report will be posted on the WHRP website pending Steering Committee Approval. WHRP will also continue to monitor implementation projects and facilitate data gathering and face to face meetings.

WHRP will also try to become more integrated into the Tech Teams to understand the process of implementation and identify certain areas where WHRP projects could be implemented.

Circumstances Affecting Progress/Budget: None

Gantt Chart:

Task	% Effort	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	M	D	X
3. Research Implementation	12.5%																		
3.1: Identification and Workplan Development of Projects for Implementation		M							M					M					
		X						X	X	X	XX	XX	XX	X	X			4	0
3.2: Coordination of Implementation Activities		M	D					M	D					M	D				
		XX	X	X	XX	X	X	XX	XX	XX	XX	X	X	XX	X	X	5	5	22

KEY	M = Meeting D = Deliverable X = Minimal Effort XX = Moderate Effort XXX = Most Effort
------------	---

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 31, 2008

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: Technology Transfer		Project ID: 0092-43-10	
Administrative Contact: Nikki Hatch		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: Hussain Bahia		Approved Starting Date: March 15, 2007	
Approved by COR/Steering Committee: \$40,490.24		Original End Date: December 31, 2007	
Project Investigator (agency & contact): Hussain Bahia, UW-Madison		Current End Date: March 31, 2008	
		Number of Extensions: 1	

Percent Complete: 100%

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

Reason for No Cost Time Extension: The project has already been extended to allow time for execution of the new Technology Transfer Contract.

Project Description:

The Technology Transfer portion of this project includes the following tasks:

- 4.1: Develop and Present Communication Materials to Enhance Awareness About Program Progress, Major Findings, and Implementation Results
- 4.2: Develop and Maintain WHRP Website
- 4.3: Assist in Writing of Research Briefs, Newsletters, and Other Communication Projects
- 4.4: Distribution of Final Reports and Closure/Impact Forms

Progress This Quarter:

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

4.1: Develop and Present Communication Materials to Enhance Awareness About Program Progress, Major Findings, and Implementation Results.

WHRP attended the WTBA and WCPA conferences and had an exhibition booth in both to raise program awareness and distribute program materials. WHRP funded the travel of TOC Chairs, WHRP Staff, and RCSS to attend TRB. A summary of this travel funding will be provided in subsequent sections of the quarterly report.

4.2: Develop and Maintain WHRP Website

All content has been updated on the WHRP Website.

4.3: Assist in Writing of Research Briefs, Newsletters, and Other Communication Projects

WHRP provided WisDOT with project summaries and other materials for the quarterly WHRP newsletter. WHRP has also provided technical input in communication projects summarizing and categorizing the in-progress research of the partner states.

4.4: Distribution of Final Reports and Closure/Impact Forms:

Final reports were received and distributed for projects 0092-07-03– Darter, 0092-04-15– Ghorbanpoor. Implementation and Closure Forms were sent with closeout materials.

Work Next Quarter:

4.1: Develop and Present Communication Materials to Enhance Awareness About Program Progress, Major Findings, and Implementation Results.

No presentations have been scheduled as of yet for next quarter. WHRP is working to define an acceptable alternative for regional outreach, and plans to contact the regions in the next quarter.

4.2: Develop and Maintain WHRP Website

Improvements and updates will continue being made to the website.

4.3: Assist in Writing of Research Briefs, Newsletters, and Other Communication Projects

WHRP will continue to work closely with WisDOT on the newsletter and communication products for Frozen Four activities.

4.4: Distribution of Final Reports and Closure/Impact Forms:

The following reports have end dates at or before 6/30/2008: 06-01 (Phase II), 07-01, 06-08 (Structures),06-05, 07-04, . WHRP Staff is in the process of preparing closeout materials, including Implementation and Closure Forms. Final reports will be distributed appropriately as they arrive.

Circumstances Affecting Progress/Budget: None

Gantt Chart:

Task	% Effort	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	M	D	X		
4. Technology Transfer	37.9%																				
4.1: Develop and Present Communication Materials to Enhance Awareness About Program Progress, Major Findings, and Implementation Results		M D	M	M	M	M	M	M	M	M	M	M D	M	M D	M	M					
		XX	X	X	XX	X	X	X	X	X	XX	XX	X	XX	X	X	15	3	20		
4.2: Develop and Maintain WHRP Webpage																					
		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0	0	15		
4.3: Assist in Writing of Research Briefs, Newsletters, and Other Communication Products		M	M	M D	M	M	M D	M	M	M D	M	M	M D	M	M	M D					
		X	XX	X	X	XX	X	X	XX	X	X	XX	X	X	XX	X	15	5	20		
4.4: Distribution of Final Reports and Closure/Impact Forms																					
		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0	0	15		
4.5: Assist in Development of Annual WisDOT TRB Guide		M	M	M D																	
		XX	XXX	XXX												XX	XXX	XXX	6	2	16

KEY	M = Meeting D = Deliverable X = Minimal Effort XX = Moderate Effort XXX = Most Effort
------------	---

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 31, 2008

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: Research Project Management and Oversight		Project ID: 0092-43-11	
Administrative Contact: Nikki Hatch		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: Hussain Bahia		Approved Starting Date: March 15, 2007	
Approved by COR/Steering Committee: \$2,024.51		Original End Date: December 31, 2007	
Project Investigator (agency & contact): Hussain Bahia, UW-Madison		Current End Date: March 31, 2008	
		Number of Extensions: 1	

Percent Complete: 90%

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

Reason for No Cost Time Extension:

Project Description:

The Research Project Management and Oversight portion of the project include the following tasks:
5.1: Processing Quarterly Progress Reports and Invoices

Progress This Quarter:

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

5.1: Processing Quarterly Progress Reports and Invoices

WHRP Staff processed all 2007 Q4 Quarterly Reports. This included distribution of QPRs to TOC members for review. Review and approval of the quarter reports served as the mechanism for approval of invoices. Invoices were submitted by WisDOT monthly, processed and approved for payment in a one week time frame.

Work Next Quarter:

5.1: Processing Quarterly Progress Reports and Invoices

WHRP Staff will continue to perform the activities described above when necessary.

Circumstances Affecting Progress/Budget: None

Gantt Chart:

Task	% Effort	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	M	D	X	
5. Research Project Management and Oversight	1.8%																			
5.1: Processing of Quarterly Progress Reports and Invoices		X			X			X						X				0	0	4

KEY	M = Meeting D = Deliverable X = Minimal Effort XX = Moderate Effort XXX = Most Effort
------------	---

Summary of Expenditures	
Annual Budget	\$144,608.00
Expense	Amount
Salaries	\$80,397.89
Fringe Benefits	\$27,674.64
Supplies	\$3,540.12
Domestic Travel	\$24,482.27
Other Expenditures	\$1,428.56
Indirect Costs	\$20,628.46
Total Expenditures	\$158,151.94
Remaining Budget	-\$13,543.94
Percent Budget Used	109%

Summary of Travel Expenses 2008 Quarter 1**Charges Paid by UW**

Person Reimbursed	Reason	Date Charged	Amount
Ed Fitzgerald	PACE Airfare	1/10/2008	\$ 708.60
Ed Fitzgerald	CA For Research Presentation	2/21/2008	\$ 1,045.73
Bob Arndorfer	TRB Travel	2/22/2008	\$ 351.49
Bob Arndorfer	TRB Airfair	2/22/2008	\$ 1,337.20
Peg Lafky	TRB	2/21/2008	\$ 1,480.30
Len Makowski	TRB	2/21/2008	\$ 1,329.20
Ann Pahnke	TRB	2/21/2008	\$ 1,542.56
John Cherney	TRB	2/21/2008	\$ 1,853.86
Nikki Hatch	TRB	2/21/2008	\$ 1,109.31
Hussain Bahia	TRB	2/22/2008	\$ 671.09
Andrew Hanz	TRB Registration	3/6/2008	\$ 1,418.60
Andrew Hanz	WTBA Conf	3/6/2008	\$ 40.90
Andrew Hanz	WCPA Conf	3/6/2008	\$ 388.77
Andrew Hanz	DI TOC Meetings	3/11/2008	\$ 268.07
Subtotal			\$ 24,482.27

WHRP “Snapshot” for the quarter ending 3/31/08

TOC	# active projects at end of quarter	# QPRs submitted on time.	% QPRs submitted on time.	Projects closed out last quarter	# of projects beyond their end date
Flexible	6	5	83%	0	0 – delayed 3 (06-01,07-01,07-17) – conventional extensions
Geotech	9	8	89%	0	0 – delayed 2 – (06-05, 07-04) conventional extensions 1-Contract Amendment (04-10)
Rigid	4	4	100%	1	1 – delayed (00-11) 0 – conventional extensions
Structures	10	10	100%	1	0 – delayed 3 (05-03, 07-07 07-09) – conventional extensions 2 -Contract Amendments (04-15, 06-06)
Data Integration	3	3	100%	0	N/A
Total	32	30	94%	2	1 – delayed 8 – conventional extensions 3 – Contract Amendments

Delayed: Projects that are beyond their original end date that probably could have been avoided (no one is being faulted).

Conventional Extension: Projects that are beyond their original end date for reasons common to the research process.

Contract Amendment: Contract has been amended to add money or expand scope of research project.

WHRP “Implementation Snapshot” for the quarter ending 3/31/08

TOC	# active projects at end of quarter	# QPRs submitted on time.	% QPRs submitted on time.	Projects closed out last quarter	# of projects beyond their end date
Flexible	2	2	100%	0	0 – delayed 2 (06-08,07-12) – conventional extensions
Geotech	2	2	100%	0	0 – delayed 1 – (06-08) conventional extensions
Rigid	0	0	NA	0	1 – delayed (FY 08 Imp) 0 – conventional extensions
Structures	1	1	100%	1	0 – delayed 1 (06-08) – conventional extensions
Total	5	5	100%	1	1 – delayed 5 – conventional extensions

Delayed: Projects were planned for execution but were delayed to do solicitation requirements.

Conventional Extension: Projects that are beyond their original end date for reasons common to the research process.

Summary of In-Progress Projects 2008 Q1: Flex TOC

Research Projects													
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Original End Date	Expected End Date	Extension	# of Extensions	QPR Received on Time
0092-06-01 Phase II	Perpetual Pavement Instrumentation For the Marquette Interchange Project	James A. Crovetti	Marquette University	Flex	80.00%	95.00%	92.26%	10/20/2005	1/20/2007	6/30/2008	No Cost Time Extension	2	X
0092-07-01	Investigation of the Use of Open Graded Friction Courses in Wisconsin	Richard Root	Root Pavement Technology	Flex	25.00%	25.00%	0.00%	10/1/2006	1/1/2008	6/30/2008	No Cost Time Extension	1	
0092-07-17	Development of Recommendations for Compaction Temperatures in the Field to achieve Density Limit as-built Permeability of HMA in Wisconsin	Robert L. Schmitt	University of Wisconsin-Platteville	Flex	75.00%	80.00%	52.02%	1/1/2007	4/1/2008	9/30/2008	No Cost Time Extension	1	X
0092-08-06	Wisconsin Mixture Characterization Using the SPT on Historical Aggregate Structures	Ramon Bonaquist	Advanced Asphalt Technologies	Flex	NA	5.00%	0.00%	2/18/2008	2/18/2009	2/18/2009	N/A	N/A	X
0092-08-07	Evaluation of Intelligent Compaction Technology for Densification of Roadways Subgrades and Structural Layers	Von Quintus	Applied Research Associates	Flex	NA	5.00%	0.00%	12/26/2007	9/30/2009	9/30/2009			X
0092-08-09	Pre-Overlay Repair of Existing Concrete and Asphalt Pavements: Phase I	Haifang Wen	Bloom Consultants	Flex	15.00%	30.00%	0.00%	10/1/2007	5/31/2009	5/31/2009			X

Completed During Quarter
 Draft Final Report Received

SUMMARY (research Projects)	Total Projects	Total Extensions	Projects Extended	Number of Extensions	Average Duration (Months)	Project Past Due	QPR Received on Time
	5	4	80%	4	7	2	80%

Summary of In-Progress Projects 2008 Q1: Rigid

Research Projects														
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Original End Date	Expected End Date	Extension	# of Extensions	Extension Dates	QPR Received on Time
0092-00-11	Portland Cement Concrete Pavement Over Rubblized PCC	James A. Crovetti	Marquette University	Rigid	99%	100%	100.00%	3/28/2000	11/28/2005	9/30/2008	No Cost Time Extension	3	12/31/2006 9/30/2007 6/30/2008	X
0092-07-02	Detecting Deleterious Fine Particles in Concrete Aggregates and Defining Their Effects	Steven M. Cramer	University of Wisconsin-Madison	Rigid	40.0%	47.0%	34.04%	10/1/2006	10/1/2008	10/1/2008		0		X
0092-07-03	Improving Full Depth Concrete Repair	Michael Darter, Ph.D, P.E.	Applied Research Associates, Inc.	Rigid	99%	100%	45.72%	10/1/2006	9/30/2007	3/31/2008	No Cost Time Extension	2	12/31/2007 3/31/2008	X
0092-08-08	Reduction of Minimum Required Weight of Cementitious Materials in WisDOT Concrete Mixes	Larry Sutter	Michigan Technological University	Rigid	6%	10%	0.00%	10/15/2007	10/15/2009	10/15/2009				X
0092-08-10	Performance Assessment of Wisconsin's Whitetopping and Ultra-Thin Whitetopping Projects	Haifang Wen	Bloom Consultants	Rigid	25%	40%	3%	10/4/2007	10/4/2008	10/4/2008				X

Completed During Quarter
 Draft Final Report Received

SUMMARY (research Projects)	Total Projects	Total Extensions	Projects Extended	Number of Extensions	Average Duration (Months)	Projects Past Due	QPR Received on Time
	5	2	40%	5	7	1	100%

Implementation Projects														
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Original End Date	Expected End Date	Extension	# of Extensions	Extension Dates	QPR Received on Time

Completed During Quarter
 Draft Final Report Received

SUMMARY (implementation projects)	Total Projects	Total Extensions	Projects Extended	Number of Extensions	Average Duration (Months)	Projects Past Due	QPR Received on Time
	0	0	#DIV/0!	0	#DIV/0!	0	N/A

Summary of In-Progress Projects 2008 Q1: Structures TOC

Research Projects														
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Original End Date	Expected End Date	Extension	# of Extensions	Dates of Extensions	Quarterly Report Received on Time
0092-04-15 phase 1	Bridge Integrated Analysis And Decision Support: Case Histories. Phase I	Al Ghorbanpoor	University of Wisconsin-Milwaukee	Struct.	99%	100%	49.72%	9/1/2004	8/31/2006	1/2/2009	No Cost Time Extension	3	8/31/2007	X
													11/1/2007	
											Contract Amendment		1/2/2009	
0092-04-15 phase 2	Bridge Integrated Analysis And Decision Support: Case Histories. Phase II	Al Ghorbanpoor	University of Wisconsin-Milwaukee	Struct.	0%	15%	0.00%	1/1/2008	12/31/2008	12/31/2008		0		X
0092-05-02	In-Situ Monitoring and Testing of IBRC Bridges in Wisconsin	Christopher Foley	Marquette University	Struct.	54%	54%	92.93%	11/4/2004	11/4/2009	11/4/2009		0		X
0092-05-03	Electronic Automation of LRFD Design Programs	Lee Tanase	LEAP Software, Inc.	Struct.	85%	85%	65.33%	11/4/2004	5/4/2006	5/4/2008	No Cost Time Extension	2	5/4/2007	X
													5/4/2008	
0092-06-06	Evaluation of Methods of Rebar Protection, Spall Prevention, and Repair Techniques on Concrete Girders Phase I and II	Habib Tabitabai	University of Wisconsin-Milwaukee	Struct.	65%	75%	65.24%	10/3/2005	10/3/2007	11/1/2009	No Cost Time Extension	2	12/1/2007	X
											Contract Amendment		11/1/2009	
0092-07-07	Evaluation of Fiberglass Wrapped Concrete Bridge Columns	Dante Fratta	University of Wisconsin-Madison	Struct.	80%	80%	79.88%	10/1/2006	10/1/2007	9/30/2008	No Cost Time Extension	2	4/1/2008	X
											No Cost Time Extension		9/30/2008	
0092-07-08	Rapid Bridge Construction Technology: Precast Elements for Substructures	Michael Oliva	University of Wisconsin-Milwaukee	Struct.	40%	75%	33.86%	10/1/2006	10/1/2008	10/1/2008		0		X
0092-07-09	Monitoring and Load Distribution Study for the Land Bridge	Al Ghorbanpoor	University of Wisconsin-Milwaukee	Struct.	55%	65%	25.51%	10/1/2006	10/1/2008	1/1/2009	No Cost Time Extension	1	1/1/2009	X
0092-08-13	Friction coefficients for Stainless Steel/PTFE (Teflon) Bearings	Stanton	University of Washington	Struct.	0	7%	0	1/16/2008	1/15/2009	1/15/2009		0		X
0092-08-14	Fatigue Risks in the Connection of Sign Support Structures	Chris Foley	Marquette University	Struct.	0%	0%	0%	10/1/2007	9/30/2008	9/30/2008		0		X
0092-08-15	Analysis of Permit Vehicle Loads in Wisconsin	Jian Zhao	UW Milwaukee	Struct.	15%	25%	0%	9/30/2007	9/30/2008	3/31/2009		1	3/31/2009	X

Completed During Quarter
 Draft Final Report Received

SUMMARY (research Projects)	Total Projects	Total Extensions	Projects Extended	Number of Extensions	Average Duration (months)	Projects Past Due	Quarterly Report Received on Time
	10	8	80%	10	10	1	100%

Implementation Projects														
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Original End Date	Expected End Date	Extension	# of Extensions	Dates of Extensions	Quarterly Report Received on Time
0092-06-08	Implementation Project: Structures	Al Ghorpanbpoor	University of Wisconsin - Milwaukee	Struct.	75%	85%	95.83%	8/11/2006	8/10/2007	6/30/2008	No Cost Time Extension	2	1/1/2008 6/30/2008	X
0092-07-22	Implementation Project for Bridge Deck Crack Sealers	Jose A. Pincheira	University of Wisconsin - Madison	Struct.	80%	100%	0.00%	6/30/2007	12/31/2007	3/31/2008	No Cost Time Extension	1	3/31/2008	X

Completed During Quarter
 Draft Final Report Received

SUMMARY (implementation projects)	Total Projects	Total Extensions	Projects Extended	Number of Extensions	Average Duration (months)	Projects Past Due	Quarterly Report Received on Time
	2	2	100%	3	5	2	100%

Summary of In-Progress Projects 2008 Q1: Geotech TOC


Research Projects									
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Orig End
0092-04-10	Monitoring and Evaluation of Fly Ash Stabilized Subgrade Constructed by the WisDOT	Tuncer Edil	University of Wisconsin-Madison	Geo	85%	96%	92.09%	7/21/2003	5/21/08
0092-06-04	Construction Vibration Attenuation with Distance and Effect on Quality of Early-Age Concrete	John Siwula	HNTB Corporation	Geo	28%	32%	13.39%	10/20/2005	10/20/08
0092-06-05	Comparison of Basic Lab Test Results with More Sophisticated Lab and In-Situ Test Methods on Soils IN SE WI	Tuncer Edil	University of Wisconsin-Madison	Geo	50%	75%	87.73%	11/18/2005	5/18/08
0092-07-04	Comparison of Three Different Methods for Determining Pile Bearing Capacities	James Long, P.E.	University of Illinois at Urbana/Champaign	Geo	67%	80%	21.11%	10/1/2006	4/1/08
0092-07-05	Development of a Testing Method to Determine Interaction of Geo-grid Reinforced Material for Mechanistic Pavement Design	Tuncer Edil	University of Wisconsin-Madison	Geo	65%	75%	59.94%	10/1/2006	10/1/08
0092-07-06	Development of Full Scale Testing of an Alternative Foundation System for Post and Panel Retaining Walls	Sam Helwany	University of Wisconsin-Milwaukee	Geo	25%	30%	32.48%	10/1/2006	10/1/08
0092-08-07	Evaluation of Intelligent Compaction Technology for Roadway Subgrades and Structural Layers	Harold Von Quintus	Applied Research and Associates	Geo	0%	5%	0.00%	12/18/2007	12/18/08
0092-08-11	Effective Depth of Soil Compaction in Relation to Applied Compactive Energy	Dante Fratta	University of Wisconsin - Madison	Geo	10%	20%	0.00%	10/10/2007	4/10/08
0092-08-12	Determination of Resilient Modulus Values for Typical Plastic Soils of Wisconsin	Hani Titi	University of Wisconsin - Milwaukee	Geo	N/A	7%	0.00%	10/23/2007	4/23/08

 Completed During Quarter
 Draft Final Report Received

SUMMARY (research projects)	Total Projects	Total External
	9	



Implementation Projects														
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Original End Date	Expected End Date	Extension	# of Extensions	Dates of Extensions	Quarterly Report Received on Time
0092-06-08	Implementation-Geotech	Tuncer Edil	Geo Engineering Consulting, LLC	Geo	50%	65%	40.00%	8/11/2006	8/10/2007	9/30/2008	No Cost Time Extension	1	9/30/2008	X
0092-07-21	Implementation of Determination of Shear Strength Values for Granular Backfill Material Used by the Wisconsin Department of Transportation	Tuncer Edil	Geo Engineering Consulting, LLC	Geo	25%	25%	0.00%	6/26/2007	9/1/2008	9/1/2008		0		X

SUMMARY (research projects)	Total Projects	Total Extensions	Projects Extended	Number of Extensions	Average Duration (months)	Projects Past Due	Quarterly Report Received on Time
	2	1	50%	1	13	0	100%

 Completed During Quarter
 Draft Final Report Received

Summary of In-Progress Projects 2008 Q1: Data Integration TOC

Research Projects														
Project ID	Title	Principal Investigator	Institution	TOC	Tech Progress (%) 12/31/07	Tech Progress (%) 3/31/08	Financial Progress (%)	Start Date	Original End Date	Expected End Date	Extension	# of Extensions	Dates of Extensions	Quarterly Report Received on Time
0092-07-23	Data Integration and Partnership for Statewide Transportation Planning	Jessica Guo	UW-Madison	DI	18%	30%	2%	10/5/2007	4/5/2009	4/5/2009				X
0092-08-16	Evaluation and Recommendations for Further Development of the WisDOT Pavement Information Files (PIF)	Jag Mallela	ARA	DI	0%	6%	0%	11/30/2007	5/30/2009	5/30/2009				X
0092-08-17	Development of a Database Framework and Implementation Plan for Integrating WisDOT Materials and Construction Databases	Kelly Smith	ARA	DI	0%	8%	0%	11/30/2007	2/28/2009	2/28/2009				X

 Completed During Quarter
 Draft Final Report Received

SUMMARY (research Projects)	Total Projects	Total Extensions	Projects Extended	Number of Extensions	Average Duration (Months)	Project Past Due	Quarterly Report Received on
	3	0	0%	0	#DIV/0!	0	100%