

**State of Wisconsin/Department of Transportation**  
 RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: March 31, 2007

<b>Program: SPR-0010(36) FFY99</b>		<b>Part: II Research and Development</b>	
<b>Project Title:</b> Evaluation of Methods of Rebar Protection, Prevention, and Repair Techniques on Concrete Girders		<b>Project ID:</b> 0092-06-06	
<b>Administrative Contact:</b> Nikki Hatch		<b>Sponsor:</b> Wisconsin Department of Transportation	
<b>WisDOT Technical Contact:</b> Scot Becker		<b>Approved Starting Date:</b> October 3, 2005	
<b>Approved by COR/Steering Committee:</b> \$85,000		<b>Original End Date:</b> October 3, 2007	
<b>Project Investigator (agency &amp; contact):</b> H. Tabatabai, UW-Milwaukee		<b>Current End Date:</b> October 3, 2007	
		<b>Number of Extensions:</b> 0	

**Percent Complete:** 40%

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

**Reason for No Cost Time Extension:**

Additional information became available regarding repair techniques, which delayed preparation of the work plan. The plan was submitted to WHRP, but the research team was unable to convene the project panel until November 2006. The project has an overall delay of approximately 9 months. At this time, this time delay is not expected to affect project budget.

**Project Description:**

The objective of this research program is to evaluate the effectiveness of select available, new and promising materials and processes applicable to reinforced and prestressed concrete bridges using the methodologies and hardware developed in an earlier WHRP research program. The research team would analyze the laboratory performance data and other available data including field performance and cost information to comment on the practicality and effectiveness of these methods.

**Progress This Quarter:**

(Includes project committee mtgs, work plan status, contract status, significant progress, etc.)  
 Test anodes were acquired and fabrication of all test specimens was completed. The specimens are being prepared for testing. Arrangements have been made with Dodge county to test some bridge decks that had sealers applied.

**Work Next Quarter:**



Testing on Dodge county bridges will be completed. Some specimens will be thermally sprayed. Lab testing on specimens will begin early in the period.

**Circumstances Affecting Progress/Budget:**

See above under "reason for no cost time extension".

**Gantt Chart:**

Year	2005			2006												2007														
Month	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1
Task A																														
Task B																														
Task C																														
Task D																														

 Planned  
 Work Performed