

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

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: Guidelines and Strategies for the Preventive Maintenance of Bridges		Project ID: MRUTC 07-14 (0092-07-20)	
Administrative Contact: Jason Bittner		Sponsor: MRUTC	
WisDOT Technical Contact: Bruce Karow		Approved Starting Date: March 1, 2007	
Approved by COR/Steering Committee:		Original End Date: June 30, 2008	
Project Investigator (agency & contact): Jose Pincheira, UW-Madison		Current End Date: September 30, 2008	
		Number of Extensions: 1	

Percent Complete: 99%

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

Reason for No Cost Time Extension: n/a

Project Description: The goal of the project is to create a guideline for state DOTs to gain approval of using federal HBP funds for preventive maintenance of Federal Aid Highway Bridges. (Note since the research proposal was written, the federal Highway Bridge Replacement and Rehabilitation Program (HBRRP) was renamed as the Highway Bridge Program.) Specific objectives are to (1) analyze existing information to quantify the cost effectiveness of preventive maintenance strategies applied to highway bridges, and (2) recommend project guidelines for conducting preventive maintenance work, on the right bridges at the right time to be used by state DOTs.

Progress This Quarter:

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

Assembled draft final report. Research team went through a number of iterations with this. The draft report is now with the advisory committee, including WisDOT personnel being reviewed and comments are being collected. All comments are due by Monday, October 27th. Final report will be printed by end of this month. Project budget has been expended.

Work Next Quarter:

None.

Circumstances Affecting Progress/Budget:

None.

Gantt Chart:

Task	% complete		Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
			1. Collect Data	50%	Proposed	█		█							
		Actual	█	█	█	█	█	█	█						
2. Preliminary Analysis	0%	Proposed	█							█					
		Actual													
3. Regression Tree Analysis	0%	Proposed				█					█				
		Actual													
4. Cost Models and Optimization	0%	Proposed							█			█			
		Actual													
5. Sample Implementation	0%	Proposed								█		█			
		Actual													
6. Final Report	0%	Proposed								█			█		
		Actual													

Gantt chart (Modified work plan)

Task	% complete		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			1. FHWA Survey	100%	Proposed	█								
		Actual	█	█	█									
2. WisDOT Survey	100%	Proposed	█											
		Actual	█	█	█									
3. Analysis	80%	Proposed			█									
		Actual			█	█	█	█						
4. Final Report	70%	Proposed			█									
		Actual					█	█						