

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

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: MVFC Expanded Truck Parking Facilities		Project ID: MVFC 04	
Administrative Contact: Jason Bittner		Sponsor: MVFC Pooled Fund	
WisDOT Technical Contact: Dave Simon		Approved Starting Date: 11/1/2007	
Approved by COR/Steering Committee: \$70,000		Approved Ending Date: 1/31/2009; requesting ncte to 5/31/2009	
Project Investigator (agency & contact): CFIRE, University of Wisconsin, Teresa Adams/Xiubin Wang			

Description:

Provide information necessary for states to consider increasing short term truck parking availability in the locations where it is needed most along the interstate highways in the region.

Supply states in the 10-state Mississippi Valley region with valuable information regarding where parking facility improvements are most needed and why, along with important characteristics of new facilities.

Total study budget	Current FFY budget	Expenditures for current quarter	Total Expenditures to date	Percent Complete
\$70,000	\$70,000	\$17,671	\$57,473	80%

Progress This Quarter:

- Interviews in October with WI Dept of Commerce, WI Dept of Tourism and WI Highway Patrol about truck parking and potential communication of available sites.
- Interviews with software and GIS device manufacturers about how to download parking info in “favorites” section of personal navigators.
- 2 Stakeholder briefing conference calls on project updates.
- Data analysis is finished. It includes analysis on participants, comparison between participating groups, geographical distribution of locations identified with truck parking problems with the region, and causes for those problems. Method to cluster locations is also developed.
- Graduate student defended thesis on the topic.

Work Next Quarter:

- Set up meeting with Bob Frey about integrating ITS systems and 511 networks for parking identification.
- Hold research team meeting to coordinate efforts of both truck parking projects and develop plan to complete project.
- Attend Midwest Trucker’s Association Truck Show and Convention, Feb. 5-7 in Peoria, IL to collect addition data and conduct more interviews.

Circumstances affecting progress/budget:

As many State DOT’s are recognizing a short fall of revenue the need for low cost solutions becomes more important. With a soft economy the number of trucks on the road has diminished. Fewer drivers and trucking companies are attending outreach events due to cost considerations.

Bruce Wang has moved to TX – off site coordination is more difficult

A no-cost time extension to May 31, 2009 is requested. During a presentation to the oversight committee they requested that we investigate the 511 advance communication system. There are several elements which are being worked in tandem with the Wisconsin truck parking project. It would be beneficial to have both of these projects on the same timeline.

Gantt Chart:

Task/Month	Nov	De	Jan	Feb	Mar	Apr	May	Jun	Jul	Au	Sep	Oct	Nov	De	Jan
Literature Review of Parking Management	done	done	done												
Inventory designated parking facilities along MVFC freight corridors		done	done	done	done										
Develop an interactive GIS tool to determine ramp parking			done	done	done	done									
Survey of highway patrol on ramp parking							In progress	In progress	In progress						
Interview carriers to determine issues at certain locations									done	done	done	In progress	In progress	In progress	In progress
Identify low cost strategies							done	done	done	done	done	In progress	In progress	In progress	In progress
Re-fine ranking and evaluate strategies										to do	to do	to do			
Overview of IT technologies for truck parking space utilization.		done	done	done	done	done	done	done	done	done	done	done	In progress	In progress	In progress
Final report including recommendations												to do	to do	to do	to do

In progress
 done
 to do