

State of Wisconsin/Department of Transportation
RESEARCH PROGRESS REPORT FOR THE QUARTER ENDING: Sep 30, 2009

Program: SPR-0010(36) FFY99	Part: II Research and Development
Project Title: Assessment of Multimodal Freight Bottlenecks and Alleviation Strategies for the Upper Midwest Region	Project ID: MVFC 05
Administrative Contact: Jason Bittner	Sponsor: MVFC Pooled Fund
WisDOT Technical Contact: Sandy Beaupre	Approved Starting Date: October 1, 2007
Approved by COR/Steering Committee: \$92,500	Approved Ending Date: Nov 30, 2009
Project Investigator (agency & contact): Jessica Guo, University of Wisconsin - Madison	

Description:

The project aims to develop a prioritized list of freight bottlenecks in the Mississippi Valley Region and to identify effective strategies for alleviating the bottlenecks. Specific tasks include:

1. Review existing studies on freight bottleneck analysis and ranking methodologies.
2. Interview major stakeholders to identify the locations and conditions of freight transportation bottlenecks.
3. Identify a list of potential freight bottlenecks in the region and develop an analysis framework for determining the relative rankings of bottlenecks.
4. Collect and compile existing data that describe the conditions of freight bottlenecks.
5. Develop preliminary rankings of freight bottlenecks across the different modes.
6. Develop a web-based DSS for reviewing and adjusting bottleneck rankings.
7. Deploy the web-based DSS to obtain the final bottleneck rankings.
8. Obtain information pertaining to the schedule and the nature of planned improvement projects in the MVFC region for addressing the bottlenecks.
9. Develop a list of recommendations regarding how to address regionally significant bottlenecks in a coordinated and effective manner.
10. Prepare the final report.

Total study budget	Expenditures for current quarter	Total Expenditures to date	Percent Complete
\$92,500	\$4,547	\$85,523	99%

Progress This Quarter:

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

- Sent all member states the final list of freight bottlenecks in their respective states as well as the ranked list for the entire MVFC region. Received feedback from some states.
- Complete the development of recommendations regarding how to address regionally significant bottlenecks.
- Complete the draft report.

Work Next Quarter:

- Finalize the report based on review comments.

Circumstances affecting progress/budget:

Gantt Chart:

Task/Month	2007			2008												2009											
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	
1. Review existing studies	x	x	x																								
2. Interview stakeholders		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x								
3. Identify potential freight bottlenecks and develop an analysis framework				x	x	x	x	x	x	x	x	x				x	x	x									
4. Collect and compile data				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x									
5. Develop preliminary rankings				x	x	x	x	x	x	x	x	x				x	x	x									

