

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

Program: SPR-0010(36) FFY99		Part: II Research and Development	
Project Title: Data Integration and Partnership for Statewide Transportation Planning		Project ID: 0092-07-23	
Administrative Contact: Nikki Hatch		Sponsor: Wisconsin Department of Transportation	
WisDOT Technical Contact: Jim McDonnell		Approved Starting Date: September 28, 2007	
Approved by COR/Steering Committee: \$79,989		Original End Date: February 28, 2009	
Project Investigator (agency & contact): Jessica Y. Guo Department of Civil and Environmental Engineering University of Wisconsin - Madison		Current End Date: March 30, 2009	
		Number of Extensions: 0	

Percent Complete: 75%

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

Reason for No Cost Time Extension: N/A

Project Description:

This project aims to thoroughly assess the data availability, accessibility, and interoperability issues arisen from the transportation planning process in Wisconsin and identify possible approaches for addressing these issues. The specific research activities include:

1. Synthesize the best practices of data integration and partnership for transportation planning in the nation and abroad.
2. Identify the business and analytical processes constituting the current statewide transportation planning practice in Wisconsin and catalog the data currently used to support the processes.
3. Identify and document barriers to the access and integration of planning-related data, as well as current/future data needs that better support transportation modeling and planning activities in Wisconsin.
4. Develop data and process flow diagrams to reflect the desired movement and inter-relationships of data for supporting current and future transportation planning needs.
5. Recommend methodologies for overcoming the barriers to data integration and partnership within WisDOT, as well as between WisDOT and other agencies. Identify the next steps to further evaluate the cost effectiveness of the recommended methodologies.
6. Prepare final report.

Progress This Quarter:

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

Below is the current status of each on-going task:

Task 1: Completed.

Task 2: The research team has continued to expand the draft data catalog, which already contains datasets identified as frequently used by Bureau of Planning staff. Based on our survey of best practices, the research team has been and is in the process of identifying and including additional datasets that the statewide planning process may benefit from.

Task 3: Completed.

