

UTC Project Information	
Project Title	Synthesis of Best Practices for Agency-wide Freight Data and Information Management
University	University of Wisconsin-Madison
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Funding Source(s) and Amounts Provided (by each agency or organization)	\$100,000: NEXTRANS Center/USDOT \$100,000: Wisconsin DOT project, Compass 2013
Total Project Cost	\$200,000
Agency ID or Contract Number	DTRT12-G-UTC05
Start and End Dates	01/01/2015 - 12/31/2016
Brief Description of Research Project	<p>While states have data and information systems for managing spatially related data to support decision making, those systems are not populated to support freight-related planning and operations decisions. For example, at least one agency has constructed roundabouts on designated truck routes and then endured the extreme dismay of trucking companies. To address coordination issues, some agencies establish new offices for freight but the comprehensive scope of business activities and issues do not fit neatly into the organizational structures of typical transportation agencies. Another approach is to enhance access to the agency-wide data and information necessary to support development of transportation infrastructure that balances the needs of both passenger and freight users.</p> <p>This research will build on the investigators' expertise in asset management and relationships with the DOTs in the Mid America Freight Coalition. This project will review existing data sources, identify new data sources and create a catalog of business processes, data and information items necessary to support consistency, and quality in decision making and asset management of freight infrastructure and operations. The results will support</p>

	<p>implementation of the MAP-21 requirements for freight performance.</p> <p>This project deals with strategies for managing and integrating spatially related freight transportation data both intra- and inter-agency from the perspective of a state transportation agency. The scope of data is freight data, defined as data about freight for making decisions regarding the planning, design, construction, operation, and maintenance of transportation infrastructure. Some of the freight data items include truck routes, ESAL charts, truck traffic, variable speed limits, intermodal connectors, spring-thaw restrictions, bridge clearances, posted bridges, steep grades, rail crossings, port entries, foreign trade zones, longer combination vehicles rules, OS/OW routes, weight stations, and road uses agreements.</p>
<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none"> • Reports 	

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| <ul style="list-style-type: none">• Project website | |
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