Project Information Form

Project Title	Information Services in Social Networked Transportation
University	Georgia Institute of Technology
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Funding Source(s) and Amounts Provided (by each agency or organization)	GDOT = $146,553 USDOT UTC = $62,856
Total Project Cost	$209,409
Agency ID or Contract Number	RC500 (2006T07), RC500 (51266BC) and RC614 (51366BB)
Start and End Dates	5/1/12 - 12/31/13
Brief Description of Research Project	Traditionally, transportation is understood as the physical displacement of people, goods, and vehicles. Information technology is often used to model the system or to optimize the system. Here, however, we see information as the essence of the system. In the social networked paradigm we reconceptualize transportation as an *information ecosystem* in an *institutional landscape*. This project will analyze information flows and institutions in surface transportation in order to promote new information services. It attempts to illuminate the evolving role of state DOTs as transportation becomes more information intensive. Objectives / Tasks: Task 1: Theory: Develop a Class on Social Networked Transportation Task 2: Distill Lessons from the IT and Energy Sectors Task 3: Survey and Analysis of Transportation Systems Task 4: Toward Action: Trends, Visions and Strategies for Transportation
Describe Implementation of Research Outcomes (or why not implemented) (Attach Any Photos)	Task 1: This task includes developing a conceptual framework for understanding social networked transportation and substantial literature review. The conceptual framework was finalized and presented to a professional audience at the ITS World Congress (October 2012). Based on feedback it was refined and further developed for inclusion in the course, which will be taught in Fall semester 2013. Task 2: In process of conducting a case study analysis of the Internet, of Google and of the Green Button Initiative in the energy sector to distill lessons for institutional design for standards and strategies for

	interconnection, as well as application development. Task 3: For the Traffic Management Center analysis, research instruments were begun by outlining research questions. A paper on open data and transit systems application developer outreach was prepared and edited from TRB. A crowd-sourced transit ambassador program was developed to overcome data errors for the OneBusAway project in Seattle. Research is being conducted to compare the standards development processes of USDOT's TCIP, Google's GTFS and the SIRI standard. Task 4: Transportation Camp unconference and a civic hack-a-thon being planned for February. ITS World Congress session proposed for October.
Impacts/Benefits of Implementation (actual, not anticipated)	None yet.
Web Links • Reports • Project website	Project is described here: http://watkins.ce.gatech.edu/node/11. TRB paper can be found here: http://amonline.trb.org/2vc84u/2vc84u/1. Details about Transportation Camp South: http://transportationcamp.org/south/.