



Project Information Form

Project Title	Next Generation Crack Sealing Planning Tool for Pavement Preservation
University	Georgia Institute of Technology
Principal Investigator	Yichang (James) Tsai
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Funding Source(s) and Amounts Provided (by each agency or organization)	Georgia Department of Transportation - \$180,000
Total Project Cost	\$180,000
Agency ID or Contract Number	DTRT12GUTC12 NCTSPM 2013-030
Start and End Dates	5/8/2014 – 11/5/2015
Brief Description of Research Project	<p>This research project is to develop a next generation, data-driven crack sealing planning tool for advancing the existing state-of-good-repair practices to achieve the highest return on investment for pavement preservation and to better utilize the existing infrastructure by prolonging its life. This tool is especially important because outsourcing has become a trend for crack sealing and transportation agencies' budgets are stringently constrained.</p> <p>The research team is now conducting literature review on the state-of-the-practice of pavement preservation, especially the project selection criteria, operations, and pricing of crack sealing; and the state-of-the-art of crack map detection algorithms using different sensing data including 3D laser data and digital images.</p>
Describe Implementation of Research Outcomes (or why not implemented) (Attach Any Photos)	Nothing to report at this time



Impacts/Benefits of Implementation (actual, not anticipated)	Nothing to report at this time
Web Links <ul data-bbox="240 499 472 573" style="list-style-type: none">• Reports• Project website	Under development