

Project Title	Improved Emission Models for Project Evaluation (MOVES-Matrix)
University	Georgia Institute of Technology
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Funding Source(s) and Amounts Provided (by each agency or organization)	DOT - \$92,292.15
Total Project Cost	\$92,292.15
Agency ID or Contract Number	DTRT13-G-UTC29
Start and End Dates	November 1, 2013 – June 30, 2015
Brief Description of Research Project	Local governments are using the more sophisticated MOVES emission rate model for project-level emissions and air quality analyses for local traffic operations projects. This project supports that transition by verifying simulation model output for MOVES and automating the linkage between VISSIM and MOVES. Real world data from Vermont and Georgia will be used for calibration.
Describe Implementation of Research Outcomes (or why not implemented) (Attach Any Photos)	The MOVES-Matrix emission rates for transit vehicles have been employed in FEC analysis used to develop three peer-reviewed conference papers and one journal manuscript. Additional papers are being developed.
Impacts/Benefits of Implementation (actual, not anticipated)	Impacts will become evident as the modeling approach becomes used on a more widespread basis for technical and policy analysis.
Web Links <ul style="list-style-type: none"> <li>• Reports</li> <li>• Project website</li> </ul>	<a href="http://ncst.ucdavis.edu/project/gt-dot-011">http://ncst.ucdavis.edu/project/gt-dot-011</a>