



Project Information Form

Project Title	Freight movement, port facilities, and economic competitiveness
University	Georgia Institute of Technology
Principal Investigator	Catherine L. Ross
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Funding Source(s) and Amounts Provided (by each agency or organization)	<p>Awarded from UTC: \$174,821</p> <p>Match: \$174,988</p> <ul style="list-style-type: none"> • \$105,000 (GDOT) • \$ 12,770 (ATRI) • \$ 47,746 (ISYE) • \$ 9,472 (CQGRD)
Total Project Cost	Project Total: Finalized \$ 349,811
Agency ID or Contract Number	DTRT12GUTC12 Project #: 4906611
Start and End Dates	July/2012 ~ December/2013 (Extended to June/2014)
Brief Description of Research Project	This study focuses on the regional and national impacts of port-related freight movement to lay the groundwork for regional planning activities at the megaregion scale that accommodate increased port-related freight.
Describe Implementation of Research Outcomes (or why not implemented) (Attach Any Photos)	The results of this project have implications for the practice, policy, and study of transportation planning. The primary audiences are state and metropolitan transportation planners and engineers, policy makers at all levels of government, public and private entities in logistics including port authorities, economic developers and academics who focus on transportation and regional economic development. The results can be particularly useful to elected officials and policy makers as they outline national strategies for future port and freight transportation planning. The dates for project deliverables have changed and implementation is yet to occur.

<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	<p>With most of the focus on the impact of the Panama Canal expansion centered on the upgrade of specific port facilities, there is a need for further research on the impact of increased port traffic on the megaregion level transportation system. Planning on a regional scale will be critical for effectively and efficiently capturing the economic benefits that the expansion will generate. This is not only important for the economic competitiveness of each port's region, but for the entire nation which depends on the goods delivered at each port. Furthermore, if not properly anticipated, increased demand for freight movement on the highway system will result in added congestion and shortages in truck parking locations. This not only impacts the "state of good repair" of the highway system, but also could negatively impact highway safety. During this period, a section for impacts of the Panama Canal expansion on freight movement has been completed with multiple scenarios and also a section for regional economic impacts has been completed analyzing the scenarios developed from the previous section in conjunction with IMPLAN regional economic multipliers. The project was completed with final deliverable delivery.</p>
<p>Web Links</p> <ul style="list-style-type: none"> • Reports • Project website 	<p>The final deliverable was completed.</p>