



**Project Information Form**

Project Title	Assessment of High Early Strength Limestone Blended Cement for Next Generation Transportation Structures
University	Georgia Institute of Technology
Principal Investigator	Kimberly Kurtis
PI Contact Information	<a href="mailto:kkurtis@ce.gatech.edu">kkurtis@ce.gatech.edu</a> , 404 385 0825; 790 Atlantic Dr., Atlanta GA 30332
Funding Source(s) and Amounts Provided (by each agency or organization)	UTC - \$0 GDOT - \$220,000
Total Project Cost	\$220,000
Agency ID or Contract Number	DTRT12GUTC12 NCTSPM 2013-024
Start and End Dates	12/15/13 -8/15/13 (20 months)
Brief Description of Research Project	<p>This research effort is aimed at evaluating the effects of increasing ground limestone addition rates and in particular high fineness blended cements developed for high early strength in precast concrete construction. Assessment of key material properties (e.g., setting time, strength development, shrinkage, creep, permeability) relevant to the construction, operation, and maintenance of transportation structures will be the focus.</p> <p>Results will be used to better understand the implications of changes in cement compositions and to provide guidance of how these changes can or should be accommodated in state and federal specifications for precast concrete elements intended for transportation structures.</p>
Describe Implementation of Research Outcomes (or why not implemented)  (Attach Any Photos)	None to report at this time
Impacts/Benefits of Implementation (actual, not anticipated)	None to report at this time



<p>Web Links</p> <ul style="list-style-type: none"><li>• Reports</li><li>• Project website</li></ul>	<p>None to report at this time</p>
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