



UTC Project Information – Project #3.13	
Project Title	Investigating the Effectiveness of Enzymatic Stabilizers for Reclaimed Stabilized Base Projects
University	University of Vermont
Principal Investigator	Ehsan Ghazanfari
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Funding Source(s) and Amounts Provided (by each agency or organization)	Federal: \$249,624; University of Vermont \$148,496; Vermont Agency of Transportation \$140,158
Total Project Cost	\$538,278
Agency ID or Contract Number	69A3551847101
Start and End Dates	9/1/2020 to 8/31/2023
Brief Description of Research Project	The overarching goal of this project is to evaluate the effectiveness of enzymatic stabilizers in RSB projects in Vermont and the New England (NE) region. The outcomes of this project will assist engineers in (i) determining the appropriate enzymatic agent for the type of base/subbase material, (ii) improving the success rate of the RSB projects while using sustainable techniques, (iii) increasing pavement durability and service life and consequently savings in maintenance costs, and (iv) increasing roadway safety.
Describe Implementation of Research Outcomes (or why not implemented)	This project is in its research phase. Outcomes and benefits will be reported after the implementation phase.
Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	This project is in its research phase. Impacts and benefits will be reported after the implementation phase.
Web Links	
	<ul style="list-style-type: none"> • Reports • Project website