

**Project Information Form**

Dissertation Title	Environmental Impact Assessment of End-of-Life Strategies for Flexible Pavements and Development of a Decision Making Tool for Managing Local Roads
University	University of California, Davis
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Contact Information	Email: asaboori@ucdavis.edu
Funding Source(s) and Amounts Provided (by each agency or organization)	National Center for Sustainable Transportation
Total Project Cost	\$
Agency ID or Contract Number	
Start and End Dates	January 2016 through March 2017
Brief Description of Research Project	<p>Even though transportation infrastructure is crucial to the economy, transport of food and goods, and basically every aspect of our daily lives, is a staggering source of material and energy consumption and creation of pollutions and unwanted emissions. The first step for managing the environmental impacts of such a system is to quantify them. This research aims at addressing the gaps in the knowledge in this area by developing regionally-representative and up-to-date models for quantifying the environmental impacts of various decisions in managing the transportation infrastructure, both at project and network level. Furthermore, this research will address issues and concerns facing local roads, which are of a different nature than what federal and state roads are facing, local governments need novel solutions specific to their challenges, and tools for determining the cost and environmental impacts of such solutions.</p>
Describe Implementation of Research Outcomes (or why not implemented)	



National Center  
for Sustainable  
Transportation

(Attach Any Photos)	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links <ul style="list-style-type: none"><li>• Reports</li><li>• Project website</li></ul>	<a href="http://ncst.ucdavis.edu/research/dissertation/">http://ncst.ucdavis.edu/research/dissertation/</a>