



Center for Advanced Multimodal Mobility Solutions and Education

UTC Project Information – CAMMSE @ UNC Charlotte	
Project Title	Bicycle Network Connectivity and Accessibility: A Study on the Effects of Bike Infrastructures on Bicycle Sharing System Demand
University	Texas Southern University
Principal Investigator	Mehdi Azimi and Yi Qi
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Funding Sources and Amount Provided (by each agency or organization)	The University of North Carolina at Charlotte: \$59,880 Texas Southern University: \$26,079
Total Project Cost	\$85,959
Agency ID or Contract Number	
Start and End Dates	10/01/2019 – 09/30/2021
Brief Description of Research Project	A bicycle-sharing system (public bicycle system, or bike-share scheme) is a service in which bicycles are made available for shared use to individuals on a short term basis for a price or free. Many bike share systems allow users to borrow a bike from a station and return it at another station belonging to the same system. The goal is to encourage cycling as a mode of transportation as well as recreation. As a result, the bicycle infrastructure investments grow with more cyclists on the road. The proposed project is a longitudinal analysis to study the effects of bike infrastructures, particularly bike lanes and bike paths, on bicycle sharing system demand.
Describe Implementation	



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<p><i>of Research Outcomes (or why not implemented)</i></p> <p><i>Place Any Photos Here</i></p>	
<p><i>Impacts/Benefits of Implementation (actual, not anticipated)</i></p>	
<p><i>Web Links</i></p> <ul style="list-style-type: none"> • <i>Reports</i> • <i>Project website</i> 	<p>https://cammse.uncc.edu/sites/cammse.uncc.edu/files/media/CAMMSE-UNCC-2020-UTC-Project-Information-15-Azimi.pdf</p> <p>https://cammse.uncc.edu/sites/cammse.uncc.edu/files/media/CAMMSE-UNCC-2020-UTC-Project-Report-15-Azimi-Final.pdf</p>