



**UTC Project Information – Cooperative Mobility for Competitive Megaregions (CM<sup>2</sup>)**

<b>Project Title</b>	The Applications of GIS-based Megaregion Transportation Planning Model: A Case Study on the Impacts of Autonomous Vehicle (AV)
<b>University</b>	Texas Southern University
<b>Principal Investigator</b>	Qisheng Pan
<b>PI Contact Information</b>	PAB 402AK, 3100 Cleburne St. Houston, TX 77004
<b>Funding Source(s) and Amounts Provided</b> (by each agency or organization)	U.S. Department of Transportation: \$43,865.00 Texas Southern University (match): \$21,932.50
<b>Total Project Cost</b>	\$65,797.50
<b>Agency ID or Contract Number</b>	UTDOT Grant number: 69A3551747135
<b>Start and End Dates</b>	May 1, 2020 – April 30, 2021
<b>Brief Description of Research Project</b>	This proposal aims to extend our previous research, GIS-based Megaregion Transportation Planning Model, into the exploration of the impacts of self-driving vehicles, including the development of planning strategy in environmental change by a new and sustainable transport technique.
<b>Describe Implementation of Research Outcomes</b> (or why not implemented)	Not implemented yet. Project has not begun.
<b>Impacts/Benefits of Implementation</b> (actual, not anticipated)	Project has not begun yet, so no impacts have been realized.
<b>Web Links</b> (to reports, project website, etc.)	