



UTC Project Information – Cooperative Mobility for Competitive Megaregions (CM²)

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| Project Title | Application of the Equity Rubric for Purpose and Need to a Demonstration Corridor in the Texas Megaregion |
| University | Texas Southern University |
| Principal Investigator | Carol Lewis, Gwendolyn Goodwin |
| PI Contact Information | lewis_ca@tsu.edu, goodwingc@tsu.edu |
| Funding Source(s) and Amounts Provided (by each agency or organization) | U.S. Department of Transportation: \$65,500 Texas Southern University: \$34,213 |
| Total Project Cost | \$99,713 |
| Agency ID or Contract Number | UTDOT Grant number: 69A3551747135 |
| Start and End Dates | 2/1/2018 - 12/31/2019 |
| Brief Description of Research Project | State transportation agencies and Metropolitan Planning Organizations (MPOs) across the country apply variables seeking equity in transportation projects. The goal is to improve access to employment, health care and other essential services for vulnerable or at-risk populations. Previous research in Cooperative Mobility for Competitive Megaregions (CM ²) identified variables that are appropriate for developing Purpose and Need statements for transportation projects and created an Equity Purpose and Need Rubric for use by transportation planners in megaregion settings. The next step proposed will apply the rubric to a specific Texas Megaregion corridor enabling assessment and determination of the robustness of the tool. |
| Describe Implementation of Research Outcomes (or why not implemented) | Dr. Lewis presented on this research at the TSU 290 Corridor Workshop in September 2019. |
| Impacts/Benefits of Implementation (actual, not anticipated) | |
| Web Links (to reports, project website, etc.) | https://sites.utexas.edu/cm2/files/2020/03/Application-of-Equity-Rubric-TSU-Yr-2.pdf |