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| UTC Project Information |
| Project Title | Economic Impacts of Electric Vehicle Infrastructure on Texas Metros |
| University | Texas A&M Transportation Institute |
| Principal Investigator | Jacqueline Kuzio |
| PI Contact Information | j-kuzio@tti.tamu.edu |
| Funding Source(s) and Amounts Provided (by each agency or organization) | Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH): CARTEEH: $80,000Other Sources: $0 |
| Total Project Cost | $80,000 |
| Agency ID or Contract Number | 69A3551747128 |
| Start and End Dates | 01/01/2021 – 12/31/2021 |
| Brief Description of Research Project | In 2019, U.S. electric vehicle (EV) sales hit 300,000 and some estimates expect that number to increase to 2 million by 2050; this has significant implications for not only transportation, but the economy, environment, and health outcomes. Increased investment in clean technologies leads to improved environmental and health outcomes but also jobs and greater spending in the regional economy. Economic impacts contribute to the triple bottom line of sustainability and enable local governments and transportation agencies to justify the cost of an investment. This research project will produce a tool that utilizes both benefit-cost and economic impact modelling to show the benefits that could arise with an increased investment in electric vehicle infrastructure. The tool will allow policy makers to enter basic scenario data regarding the type of infrastructure installation, cost, and regional transportation information (e.g., average trip length, number of trips) for metro areas in Texas to demonstrate the potential benefits and economic impacts. |
| Describe Implementation of Research Outcomes (or why not implemented)Place Any Photos Here |  |
| Impacts/Benefits of Implementation (actual, not anticipated) |  |
| Web Links* Reports
* Project website
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