

Date of Last Update (edit each time): 1/21/2021

<b>UTC Project Information</b>	
Project Title	Curb Management Practices and Effectiveness in Improving Safety
University	Texas A&M University
Principal Investigator	Todd Hansen
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Funding Source(s) and Amounts Provided (by each agency or organization)	Safe-D (Federal): \$104,676 State of Texas match (Non-Federal): \$70,317
Total Project Cost	\$175,000
Agency ID or Contract Number	Grant No: 69A3551747115 Project: TTI-05-096
Start and End Dates	January 2021 – April 2022
Brief Description of Research Project	<p>Curb access is becoming increasingly important in urbanized areas and activity centers where numerous public and private vehicles compete for use of the curb in loading/unloading passengers or fulfilling deliveries. Demand for the curb impacts both the curb/sidewalk space as well as the adjacent traffic lanes, fluctuating at different peak times of the day between different vehicle types (including but not limited to public transit, transportation network companies, taxis and livery, private freight delivery, micromobility, and private automobiles) along with pedestrians. As use of these curb areas rises, there is greater potential for collisions between vehicles and pedestrians, pedestrian injuries resulting from collision avoidance, as well as vehicle collisions with other vehicles.</p> <p>This project will seek to address how curb management policies and programs address potential safety issues and how effective these measures are in reducing the number of safety incidents at key curb access areas while concurrently prioritizing different vehicle uses and maintaining inclusivity for all populations.</p>
Describe Implementation of Research Outcomes (or why not implemented)	The research outcomes of this project include the following deliverables: a final written report; any datasets developed during the project; a PowerPoint presentation slide deck; a guidebook on best practices in curb management for improving safety outcomes. We plan to submit the project research to relevant academic journals and presented at transportation conferences and webinars, including through Safe-D's existing network. Researchers at TTI and VTTI will also feature the research in presentations within their agencies and to other external audiences.
Place Any Photos Here	



Impacts/Benefits of Implementation (actual, not anticipated)

Anticipated information from this project includes a review and industry scan of current curbside management practices and technologies, assessment of practices and identification of case study sites, secondary and primary (if necessary) data collection of traffic and safety data, discussion interviews with public and private expert stakeholders, virtual focus groups in selected case study cities, and a guidebook of best practices and recommendations for developing curbside management interventions which improve safety outcomes.

Web Links

- Reports
- Project website

<https://safed.vtti.vt.edu/projects/curb-management-practices-and-effectiveness-in-improving-safety/>