

UTC Project Information	
Project Title	MPC-693 – Pedestrian Safety and Traffic Operations Near Transit Stops
University	Utah State University
Principal Investigator	Michelle Mekker, Ph.D. Patrick Singleton, Ph.D.
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Total Project Cost	\$151,615.72
Agency ID or Contract Number	69A3551747108
Start and End Dates	October 7, 2022 to July 31, 2023
Brief Description of Research Project	Pedestrian injuries and fatalities are increasing (in both number and share), nationally and in Utah. According to a recent report from the Governors Highway Safety Association, pedestrian fatalities have increased by around 50% over the last 10 years and now represent 17% of all traffic deaths. As vulnerable road users, pedestrians are more likely to be injured or killed when involved in a collision. Past research has shown that pedestrian crashes are more frequent at intersections with transit stops. A recently completed UDOT (Utah Department of Transportation) project found that pedestrian crashes are more frequent particularly at intersections with far-side transit stops. The objectives of this research project are to investigate the impacts of transit stops on pedestrian safety and traffic operations at intersections and provide recommendation for improving both. Video will be used to collect pedestrian and vehicular behavioral data at intersections with transit

	<p>stops. In conjunction with operations and environmental data, statistical modeling will be used to identify factors impacting safety and traffic operations at these locations. Recommendations may include but are not limited to: changes to transit stop placement, implementation of crossing protections near transit stops, changes in intersection design/geometry, changes in intersection operations, etc.</p>
<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none"> • Reports • Project Website 	