

UTC Project Information	
Project Title	MPC-466 – First and Last Mile Strategies for Transit Systems
University	Utah State University
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Funding Agencies	USDOT, Research and Innovative Technology Administration
Agency ID or Contract Number	DTRT12-G-UTC08, Modification No. 1
Project Cost	\$148,478
Start and End Dates	April 1, 2014- July 31, 2017
Project Duration	3 Year
Brief Description of Research Project	The objectives of this project is to develop recommendations for a comprehensive first and last mile strategy around major transit stations and fixed route stops including existing BRT (including Provo/Orem), light rail and commuter rail stations within the UTA system in an effort to reduce auto usage and increase ridership as a means of improving air quality and reducing congestion.

<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	<p>The proposed method for PTA analysis is solely based on publically available datasets, including GTFS and CTPP. The analytical framework presented is reproducible for any public transport network and can help unveil the causes of inefficient PTA and areas in need of service investment. The results can assist transit agencies with identifying areas in need of service improvement and prioritizing future investments. The excel-based sketch planning tool is shared to the public to estimate the health and environmental effects of physical activity associated with transit use.</p>
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	<p>The major contribution of this project is the development of the concept of Public Transit Accessibility Gap (PTAG) to identify regions with transit mismatches by comparing WATT to the Need for Public Transit Services (NPTS). The results rank areas based on their need for transit improvement to further inform transit investment decisions. The secondary contribution is the creation of the sketch planning tool to allow agencies/public/researchers to estimate the health and environmental effects of physical activity associated with transit use.</p>
<p>Web Links</p> <ul style="list-style-type: none"> • Reports • Project Website 	<p>https://www.ugpti.org/resources/reports/details.php?id=906</p>