

2026 RESEARCH NEEDS



UTAH TRANSIT AUTHORITY

Leading Utah's mobility solutions and improving quality of life.

Optimization

- Vehicle Right-Sizing Opportunities in Low-Demand Transit Service
- Headway-Based Service on Frequent Routes: Operations and Customer Impact Analysis
- Using AI and LBS Technologies to Inform Network Optimization

Safety

- Quantifying the Impact of Digital Camera Mirrors in Transit Safety
- Risk Analysis of Incidents and Near Misses in Transit Operations
- Feasibility Assessment of Signal-Recognition and Predictive Braking Technologies for Transit Buses
- Bikes and Transit: Evaluating and Designing Safe Shared Spaces
- Automated Distress Detection: Preventing Suicides Using Computer Vision
- Platform Train-Height Variance per Train Coach

Economic Return

- Copper Wire Theft: Cost, Operational Impacts, and Mitigation
- Construction Material Standards for Resiliency and Sustainability



Interested in researching these or other public transportation topics?

Contact UTRAC@rideuta.com