

Innovation Topics Identified by Other GTVP Subcommittees

What are the yet-to-be solved innovation challenges and opportunities that other (non-innovation) subcommittees have identified?

Draft List, October 26th

Vehicle Automation:

R&B Sub: What impact will automated and connected vehicles have on roadway throughput? What are the prospects of this as an alternative to increased roadway capacity?

Finance Sub: What can we predict about the impact of vehicle automation on private vehicle ownership, ergo prospects for vehicle and licensing fees?

Finance Sub: What can we predict about the impact of vehicle automation on overall VMT? Will it necessarily lead to an increase in driving distances if development patterns have less demand for parking?

AMFR Sub: Can truck automation solve hours of service limitations? Trucking in off-peak hours?

AMFR Sub: How can web application innovations be used to increase trucking efficiency?

Unmanned Aerial Vehicles:

AMFR Sub: What can we anticipate about the modal shift of freight to UAVs in the near-term and long-term? What types of freight and what freight modes will this impact?

Modal Integration:

BTPTR Sub: How can technology enhance Transportation Options (modal options, last mile connections, transportation alternative information, etc.)

Ability of transportation providers to leverage and integrate assets (eg., tribal bus, yellow bus, and senior transit service)

Ability of transit providers to integrate service between jurisdictions (eg., TriMet, Cherriots, rural transit districts)

General/Multi-topic:

BTPTR Sub: Do P2P innovations (Uber, Lyft) coupled with vehicle automation have the potential to replace public transit as we know it?

Finance Sub: What is the anticipated timeline on electric vehicle fleet? 10% of national fleet? 25%? 50%?