

Connected Vehicles

A Pathway to Automation

Agenda

- Objectives
- Challenges
- Opportunities (Benefits Outweigh Costs)
- Role of TRB

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Objectives

- V2V Technology and Implementation
- V2I Technology and Implementation
- V2? (Peds, Trucks, Bikes, Trains, and other)

Challenges (Questions)

- Quickly Evolving Technology
- Safety
- Human Behavior
- Policy and Regulation
- Education (Users & Policy Makers)
- Implementation (How Do We Convince Ourselves That the Technology is Safe & Ready)
- Legal
- Metro/Rural
- Back Office and Business Process (Culture Change)

Opportunities (Benefits Outweigh the Costs)

- Society
- Enable Alternative Fuel Sources
- Congestion
- Decrease in Crashes (Saving Lives)
- Environmental
- Improved Land Use

Role of TRB

- Technical Activities (Council, Standing Committees, Staff)
- Already included in the Strategic Plan
- NCHRP Prioritization of Activities Needed

- Potential Roundtables
- SHRP 2 Like Program? (Is there political will)
- P3 Opportunity?
- Bring Knowledge in From Other Transportation Modes