

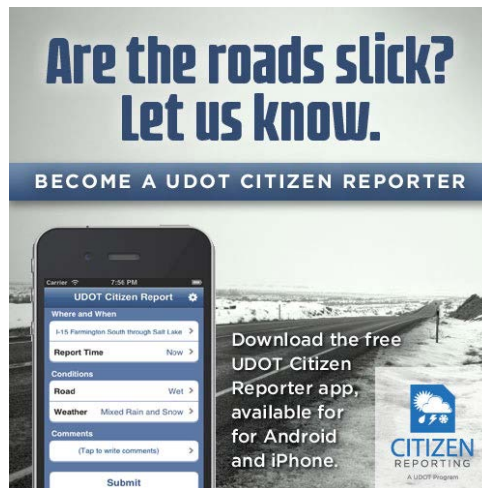
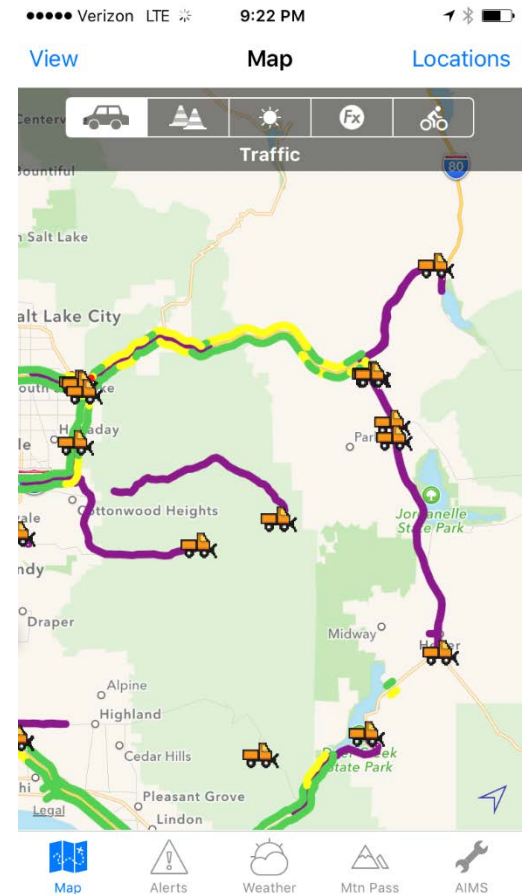
Session 1: Data

Integrating data; legal, institutional issues; probe data use; crowdsourcing data

- What data sources are you integrating?
- What type of data sharing agreements do you have
- Do you use probe data? If so, how are you using probe data for operations? Are you using the probe data in real time?
- Have you been able to crowdsource data for operations activities? If yes, describe the operations activities.
- What type of legal and institutional issues have you been challenged with and how have you overcome them?

Integrated Data

- Internal Traffic Monitoring Stations
- Internal RWIS
- High resolution traffic signal controller data
- Statewide UHP CADD
- Citizen Reporting Program
- AVL for snow plows
- Connected Vehicle demonstration with UTA



Data Sharing

- Free data sharing philosophy
- Direct data feed to cities and counties (same ATMS network)
- One statewide traffic signal system for all jurisdictions
- Updated center-to-center feed for partners
- Formal agreement with Waze
- CCTV live feeds to local media
- Open TOC philosophy with media



Probe Data Use

- Limited use of probe data (internal AVL, travel times)
- Monitor Google in rural areas to inform on crashes with no device coverage
- Utah law and subsequent change
- Current internal evaluation of data needs and sources will likely lead to procurement of probe data vendor(s)
- Targeted use of Bluetooth through third-party for travel time and origin-destination data