

The *Utah Connected* Program: Automated Vehicle Road Readiness

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Thanks!

- FHWA and their ATCMTD Grants Team and local FHWA Office
 - These webinars are brought to you through ATCMTD funding
 - Background on the ATCMTD Program and our Utah Connected Grant in Webinar #1
- Muriel Xochimitl and the XFactor Team
- Today's presenters – UDOT, VSI Labs
- All of you – on this webinar, future webinars, and who will view these recorded webinars later

Webinar Goals

- Promote information sharing
- Share lessons learned
- Foster collaboration
- Support and encourage deployment efforts by other agencies

UDOT Transportation Technology Goals

- Safety
 - UDOT's Strategic Goal: Zero Crashes, Injuries and Fatalities ←
- Mobility
 - UDOT's Strategic Goal: Optimize Mobility
- Achieve Full Situational Awareness
 - Know what is going on across our entire network
- Prepare for CV-Equipped Production Vehicles
 - Full CV safety benefits require that OEMs install compatible systems
 - Encourage broad deployment





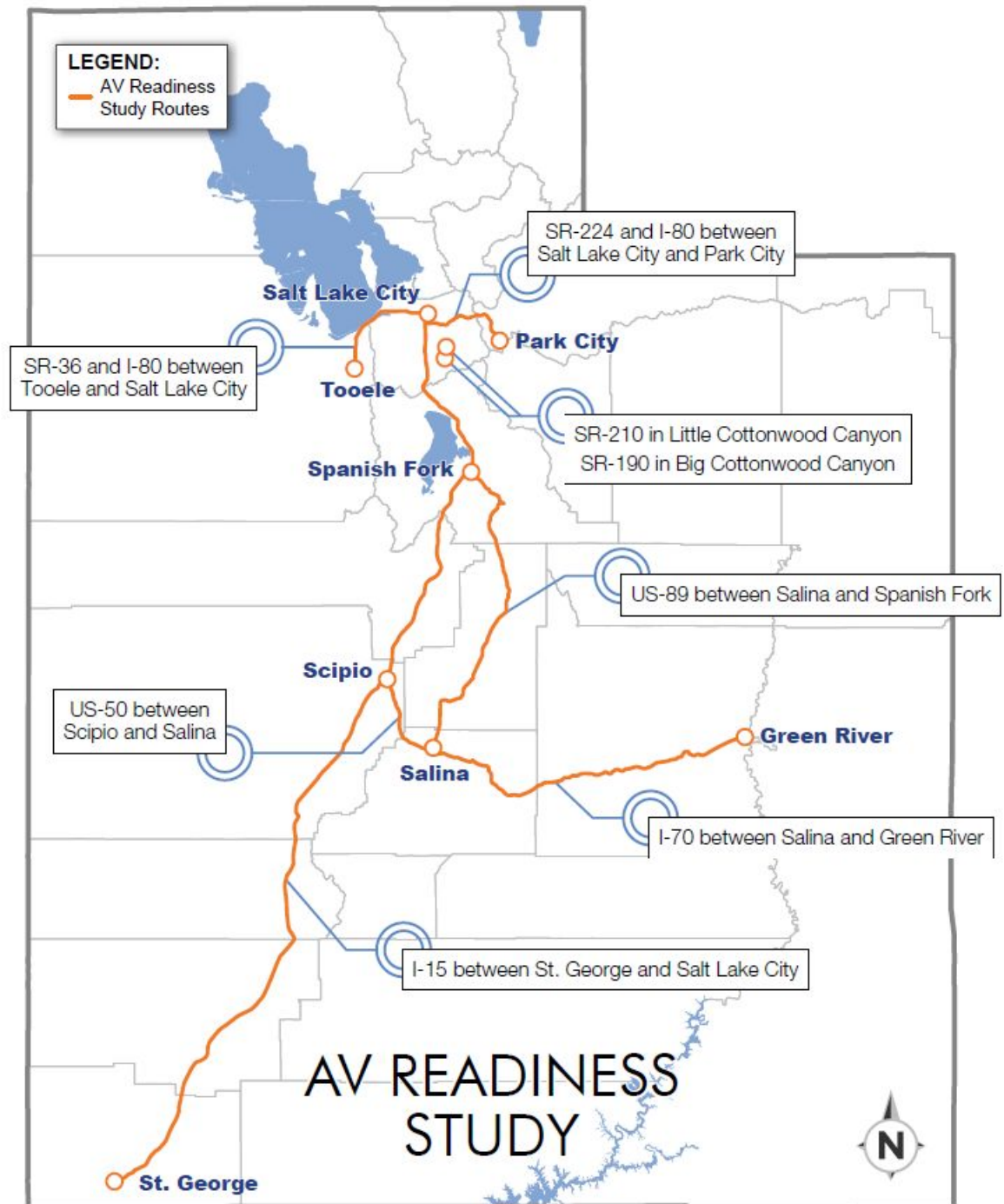
Automated Vehicle Road Readiness

Project Goals

- Assess the capability of our road infrastructure to support automation
- How good are our lane markings?
 - Modern vehicles “read” our pavement markings with cameras
 - Utilize actual on-board systems to make that assessment
- What improvements are needed?
 - Should we revise or update our standards and practices?

Study Routes

- Urban Interstates
- Rural Interstates
- Rural Highways
 - Including sections through towns
- Canyon Roads
- Daytime and Nighttime Studies



Automated Vehicle Readiness Study



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Questions / Discussion

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