



## Webinar Agenda | March 23, 2021

Webinar | Join by Phone: +1-415-655-0003; Access Code: 160 734 4563

Join Online: <https://txdot.webex.com/txdot/onstage/g.php?MTID=e7b76379a08902f2b00bb6ee9d7ef92a2>

### Objectives:

- 1) Discuss methods for enhanced disaster mitigation efforts in the wake of extreme weather events
- 2) Identify likely trends in mobility and services, including telecommunication, virtual transportation, and deliveries
- 3) Explore the opportunities for developments in innovation corridors and maximized efficiencies of our roadways

### 12:30 PM | Call-in Period to Do Sound and Technology Check

### 1:00 PM | Introductions & Updates – Darran Anderson, TxDOT, C. Michael Walton, and UT Austin Research Team

Report on key transportation initiatives and progress of the Texas Technology Task Force, including major initiatives of the 87<sup>th</sup> Texas Legislative Session, Task Force executive session, and ongoing projects.

### 1:15 PM | Environmental Preparedness and Resilience in Extreme Weather Events

**Moderator: Genesis Gavino**, Chief Resilience Officer, City of Dallas

Extreme weather events can pose a substantial burden in cost through repair and user delays caused by roadway closures, damage to existing infrastructure, and safety concerns for users. Continued, more frequent, and increasingly unexpected extreme weather events are projected that include an increased frequency of strong hurricanes, the threat of wildfires, as well as extreme cold events in Texas. Methods in data management and utilizing emerging technologies, like unmanned aerial systems, can play a significant role in disaster preparedness and resilience strategies. Continued preparedness for these extreme events is important for maintaining transportation efficiency and mitigating substantial safety and cost concerns in the future.

**Daniel Barker**, Co-Founder and COO, Phin

**Marissa Aho**, Chief Resilience Officer, City of Houston

**Tom Moran**, Executive Director, All Hazards Consortium

**Coitt Kessler**, Program Manager, Robotics Emergency Deployment, Austin Fire Department

**Rob Edsall and Tim Klett**, Program Manager and Cyber Security Analyst, Infrastructure Assurance and Analysis Division, Idaho National Laboratory Resilience Optimization Center

### 2:15 PM | Presentation: Innovation Corridors – Laura Rogers, Director of Strategic Partnerships, The Ray

**Facilitator: Shelley Row**, Founder and CEO, Blue Fjord Leaders

Innovation corridors are stretches of roadway used by transportation agencies, research, and the private sector to test alternative developments or technologies to achieve safety, mobility, and economic benefits. This presentation will feature a new public-private partnership model for forming test beds across the country to advance emerging technologies including electrification and connected infrastructure.

### 2:45 PM | Break

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## **2:50 PM | Shifting User Mobility Trends**

**Moderator: Kirk Steudle**, Senior Vice President, Econolite

Roadway user habits have shifted substantially within the last year as cities and states have adapted to changes because of COVID-19, these changes include higher proportion of employees working from home, services conducted over the phone and via videoconferencing, and an increase in delivery of services, food, and other goods. Moving forward, it is important to understand which, and to what extent, some of these user shifts are likely to remain. This panel will discuss the future demands and infrastructural changes that will be seen in freight, transit, and virtual services.

**Rick Mihelic**, Director of Future Technology Studies, NACFE

**Nick Bowden**, Chief Executive Officer, Replica

**Art Guzzetti**, Vice President – Policy, APTA

**Steven Duong**, Urbanism + Places, US West Region, AECOM

**3:55 PM | Closing Remarks and Next Steps** – *Darran Anderson, TxDOT & C. Michael Walton, UT Austin*

**4:00 PM | Adjourn**

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