

# NCTCOG Update: IH-30 Technology Corridor and More

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## Automated Vehicle Program 2.0



## **Project 1: AV Planning**

- NCTCOG procures planner(s) to assist public entities attracting or facing AV deployments.
- \$1.5M
- RFP and kick-off by end of year

## **Project 2: Cost Coverage**

- Cover costs associated with public entity hosting an AV deployment
- \$10M
- Resources available by end of year

## **Project 3: Regional Priority AV Planning and Deployments**

- Fund AV deployments for use cases not served by AV developers
- \$20M
- Call(s) for projects TBD

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# Automated Long-Distance Trucking



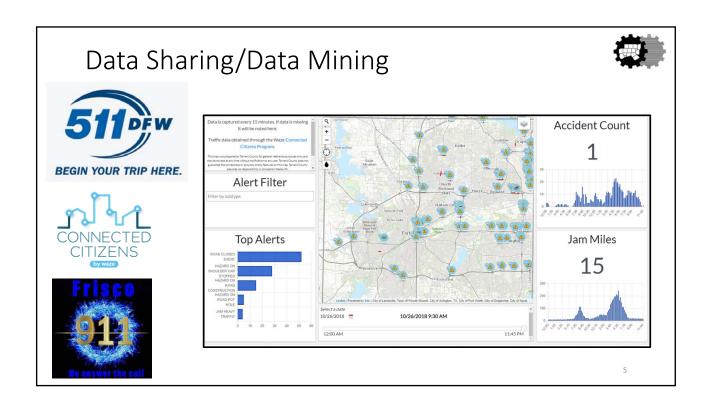


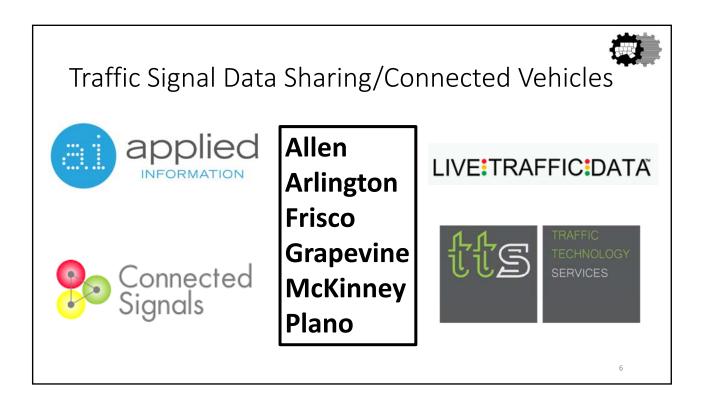


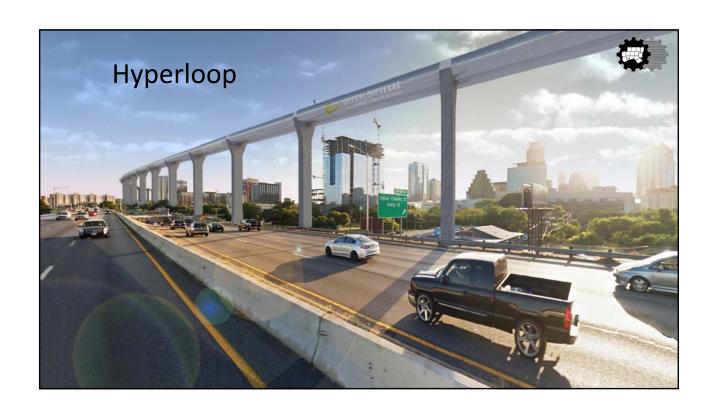
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# FedEx Same Day Delivery Bot

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## Interstate 30

**Managed Lanes** 

Current technology

Insights from data collaboration

Texas Connected Freight Corridor

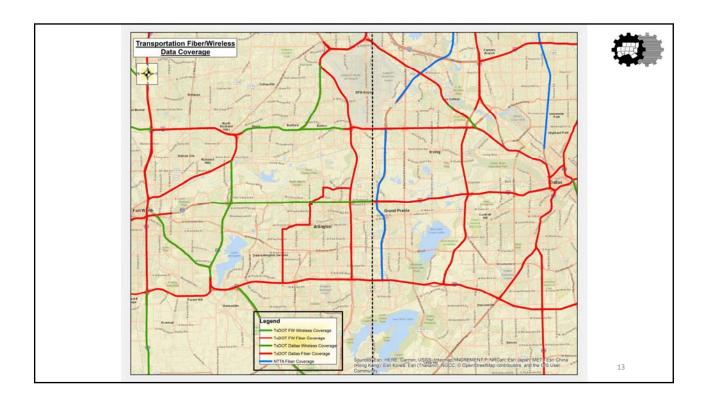
Regional Technology Corridor

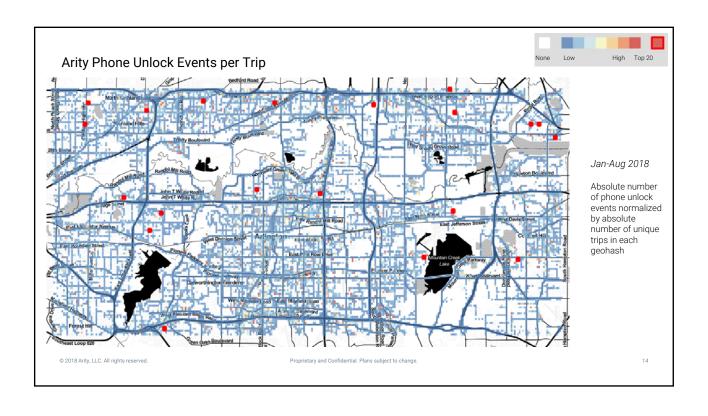


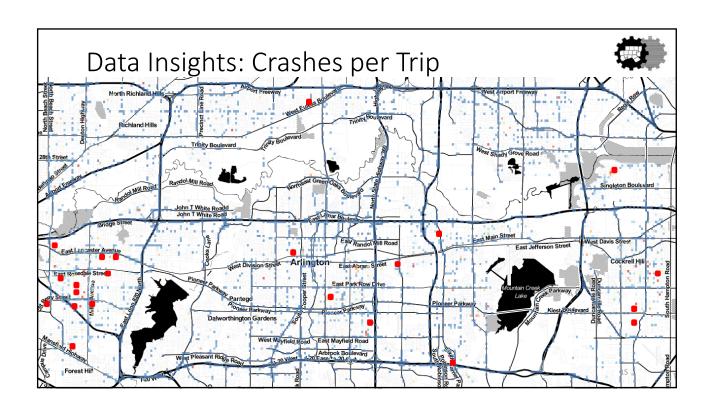
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## **Current Technology** Reversible Flow 10 IRVING DALLAS 12 N Davis St. GRAND ARLINGTON OAK 180 PRAIRIE CLIFF N Illinois Ave. E Park Row Dr. N Kiest Blvd. 408









USDOT Focus Areas	Proposed Applications		Proposed Locations
Multimodal ICM	Advanced Traveler Information System	Mature	IH35/SL340, Waco IH35/SL363, Temple IH35/SH130, Austin IH30
	Eco-Dynamic Routing	New	
	Work Zone Warnings	Mature	
CV at Pedestrian Crossings	Pedestrian/Animal Warning	New	IH35 in Austin
	SPaT Corridor for Improved Ped/Bicycle Safety	New	Riverside Dr., Austin
Unified Fare Collection/Payment System	Truck Parking Availability/Reservation	New	Rest Areas, IH35
Freight Community System	Border Wait Times	Mature	IH35, Laredo
Connected Communities	Truck Signal Priority	Mature	IH35, San Antonio
nfrastructure Condition Assessment	Low Bridge Height Warnings	New	IH35, IH45
Rural Technologies	Traffic & Road Info for Truck Platooning	New	IH35, IH45
	EEBL Alerts from Trucks Ahead	Mature	Austin/ San Antonio
	Traffic Queue Warnings	Mature	IH35, IH45, IH10, IH3
	Road Weather Warnings	New	IH35
	Wrong Way Driving (WWD) Alerts	Mature	San Antonio



# IH 30 Regional Technology Corridor

Structured vs Unstructured Testing

Testbed site

Reservation System

**Data Sharing** 



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