NCTCOG Automated Vehicle Program 2.0

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North Central Texas Council of Governments (DFW)
April 25, 2019
Pace of Change

1900

5th Avenue, New York City

1913
Proliferation of Automated Vehicle Types
Project #1: AV Planning

NCTCOG procures planner(s) to assist public entities attracting or facing AV deployments

Planner(s) on retainer; work at NCTCOG direction

Cities organized in cohorts and work through planning issues together

Total: **Up to $1.5M**, plus NCTCOG administration
Project #2: AV Deployment Cost Coverage

Cover costs associated with public entity hosting an AV deployment

Grants payable upon actual AV deployment

Total: **Up to $10M**, plus NCTCOG administration
Project #3: Regional Priority AV Planning Deployments

Fund AV deployments for use cases not served by AV developers

Competitive project selection

Total: **Up to $20M**, plus NCTCOG administration
Associated Policies: P18-01

1. North Texas will build on its history of transportation innovation to be a leader in the deployment of automated vehicles (AVs) to help achieve the region’s mobility goals.

2. All North Texas communities should have the resources necessary to plan for AV deployments and to build effective partnerships with AV developers when they deploy AVs in a community.

3. The region will make strategic investments in AV services to explore use cases and AV deployments in communities overlooked by AV developers.

4. The AV 2.0 Program will be administered to advance these policies.
Traffic Signal Data: In-Vehicle Apps

Raw Data → Traffic Signal Data Processor
Traffic Signal Data: In-Vehicle App

Traffic Signal Data Expert

Processed Data

Car Company

Traffic light online

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Traffic Signal Data Processors

Matt Ginsberg

Kiel Ova
Planning
Incident response
Operations
Emergencies
AV Data Infrastructure: Regional Approach
Other Initiatives

University research partnerships
  • Modeling
  • Employment impacts
  • Visualization of AV issues for public/policy makers
Liaison to AV developer community
TxDOT technology corridor
Texas Innovation Alliance
Community engagement
Long range plan development
Carpooling
New mobility data platforms—e.g., AV Road Rules
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