

North Central Texas Regional Multimodal Transportation Operations Management Summit

Meeting Objectives

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Vision

Manage our transportation system in a safer, more sustainable, and efficient manner through integrated regional smart mobility operations that can be a model for the rest of the country.

Objectives

- Determine current state of multimodal transportation operations in the DFW region, including current and planned investments.
- Identify regional mobility needs and opportunities.
- Explore needed technologies and operational and management strategies to meet regional mobility goals and prepare the region's transportation system for the future.

How Do We Better Operate the System We Have During Events?

- Operate Corridors as Corridors
- Frontage Road Retiming
- Transit Integration
- Adjust Price on Managed Lanes
- Data and Video Sharing
- Consistent Messages on DMS
- Integrated Traveler Information Applications
- Public Outreach
- Sharing Data/Integration with Third Parties



How Do We Better Operate the System We Have During Events?

- Transit Options
- Carpool and Vanpool Matching
- Integrate with Other MOD/MaaS Providers
- Bike Options
- Delay Trip
- Notify Employees in the Area
- Specify Routes
- Offer incentives



What's Next for Us...

- Coordination between ITS Plans, TSMO Concepts and Future Roadmap
- More Data
- Regionwide Information Exchange Network
 - Expand Usage - Traditional Operational Data and Videos
 - Expand Application - SPAT Data, CV, Others
- Transition to Integrated Regional Management (IRM)
 - Apply ICM Concept on Other Corridors
- Strategies, Analytics and Decision Support System
 - Existing - Online Modeling, Expert Rule Engine
 - Planned - Analytics, Forecasting, Machine Learning, Others

What's Next for Us...

- Performance based Management of Corridors Operations
- Private Sector Partnership, Data and Operations
- Traveler Information Dissemination
 - 511, DMS, Third Parties
 - Mobility On Demand, MaaS, V2I
- Travel Demand Management
- Integrated Incident Management System (Integration with EMS Providers)
- Automated Vehicles
- Organizational Structure Changes
- What Else?