



STRATEGIC HIGHWAY RESEARCH PROGRAM

Accelerating solutions for highway safety, renewal, reliability, and capacity

North Central Texas

***Regional Multimodal Transportation
Operations Management Summit***

NCT Summit Agenda Day 3

8:30 – 10:00am	Performance Management Based Ops (Cont'd)
10:00 – 10:15am	Break
10:15 – 12:15pm	CV/AV Data and Infrastructure Readiness
12:15 – 1:15pm	Lunch
1:15 – 2:45pm	Mobility on Demand/Mobility-as-a-Service
2:45 – 3:00pm	Break
3:00 – 3:45pm	Action Items/ Next Steps
3:45 – 4:00pm	Conclusion – Meeting Summary

ACTION ITEM REVIEW

Action Items

- Kent (Kimley-Horn) – disseminate list of TSMO strategies
- NCTCOG to keep all agencies in the loop on existing projects and initiatives
- Enhance operations culture within agencies
- Use performance measures to tell your story to upper management
- Establish TSMO organization structure around TSMO related activities, find a champion for different elements
- Determine methodologies to resolve ITS challenges – (IT coordination, data requirements, sharing agreements)
- Institutional and IT agreement and buy-in to streamline connections
- Formalize data requests to simplify the process for data integration

Action Items Cont.

- Get traffic and IT folks on the same page so more cities can sign the data sharing agreement
- Utilize existing platform/working groups to discuss operations – engage stakeholders early
- Make reoccurring operational integration a focus – potential to be addressed in TSMO Program Plan (Tactical plans)
- Get ALL stakeholders involved for Active Traffic Demand Management
- Consider regional ConOps to identify needs and strategies
- Recognize the value of TMP development (Federal WZ Safety & Mobility Rule)
- Plan for operational maintenance and costs

PERFORMANCE MANAGEMENT BASED OPERATIONS PEER AGENCY PANEL

PLACEHOLDER FOR PERFORMANCE MANAGEMENT BASED OPERATIONS SLIDES

PERFORMANCE MANAGEMENT BASED OPERATIONS REGIONAL GAPS AND OPPORTUNITIES

Performance Management Based Operations

- Strengths
- Weaknesses
- Gaps
- Opportunities
- Ideal Performance Management Based Operations Program in DFW Region
- Next Steps/Action Items

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CV/AV DATA AND INFRASTRUCTURE READINESS

CV/AV READINESS

CV/AV READINESS ACTIVITIES IN DFW REGION

PLACEHOLDER FOR CV/AV DATA AND INFRASTRUCTURE READINESS

CV/AV READINESS

PREPARING FOR CV/AV IN THE DFW REGION

CV/AV Readiness

- What data and infrastructure does the private sector need to implement and deploy connected and autonomous vehicles?
- How do we plan for the private sector presence in the operations environment?
- How do we as a region prepare for the CV data needs instead of preparing in isolated pockets?
- What is the future of transit technology, including automation of transit operation, application of DSS, alerting, forecasting, and other technologies?

CV/AV Readiness

- What data and infrastructure needs can we incorporate into highway, bridge, and transit projects utilizing regional and federal funding?
- How should we procure these types of services through an open and competitive process?
- How does Mobility on Demand/Mobility as a Service fit into CV/AV?
- Will Mobility on Demand/Mobility as a Service increase or decrease vehicular traffic?

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MOBILITY ON DEMAND

MOBILITY ON DEMAND

OVERVIEW OF MOBILITY ON DEMAND

PLACEHOLDER FOR MOD SLIDES

MOBILITY ON DEMAND

MOBILITY ON DEMAND IN THE DFW REGION

PLACEHOLDER FOR OVERVIEW OF MOD ACTIVITIES IN DFW REGION SLIDES

MOBILITY ON DEMAND PEER AGENCY PANEL

PLACEHOLDER FOR MOD SLIDES

MOBILITY ON DEMAND REGIONAL GAPS AND OPPORTUNITIES

Mobility on Demand

- Strengths
- Weaknesses
- Gaps
- Opportunities
- Ideal Mobility on Demand/Mobility as a Service Program in DFW Region
- Next Steps/Action Items

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ACTION ITEM NEXT STEPS

Action Item Next Steps

- Are any other action items other than those identified during the last three days?
- Which of these action items have the highest payoff?
- Which of these action items can be completed easily for a “quick win”?
- Which of these action items are the region’s priorities?
- Who/which agency will be responsible for each action item?

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CONCLUSION