



STRATEGIC HIGHWAY RESEARCH PROGRAM

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

North Central Texas

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

***Action Items-Next Steps-Conclusion  
November 29, 2018***

# Action Item Considerations

- Additional action items other than those identified during the last three days?
- Highest payoff?
- “Low hanging fruit”, early winners?
- Consistency with regional priorities?
- Require further discussion (including TxDOT DFW TSMO Prog Plan)?
- Who leads, supports, coordinates, monitors, follows-through?

# 1 – Business Process Action Items

- a) NCTCOG to keep all agencies in the loop on existing projects and initiatives
- b) Make recurring operational integration a focus – potential to be addressed in tactical TSMO Program Plan activities/strategies
- c) Recognize demand management as TSMO strategy
- d) Consider developing/updating regional ConOps to identify or validate needs and strategies. Include scenario discussion and planning.
- e) Recognize the value of TMP development for construction projects (Federal WZ Safety & Mobility Rule)
- f) Plan and program to sustain operations including maintenance
- g) Enhance performance-based programming and operational decision making

## 2 – Systems & Technology Action Items

- a) Disseminate list of TSMO strategies
- b) Establish/enhance regional data warehouse
- c) Perform gap analysis for CV-AV readiness
  - Recognize March 2019 (anticipated) MUTCD update
  - Include dialogue with FTA, transit agencies
- d) Consider transit agency-led DSRC deployment as a regional investment

## 3 – Performance Measurement

- a) Consider developing common performance measures for the region (align with FHWA and cities' needs), focus on the public's needs
- b) Plan for regional performance measurement and management
  - Inventory what is being done
  - Map to regional goals, reach consensus on needed PMs, keep PMs to a minimum if possible
  - Identify gaps (data, staffing, analytics expertise, etc.)
- c) Initiate reporting of performance
  - Standardize
  - Draw on expertise of public information staff
  - Facilitate easy consumption of information (e.g. dashboarding)

## 3 – Performance Measurement (continued)

- d) Measure and report multimodal performance
- e) Use PMs for baselining and triggers for decision support
- f) Consider annual completion of Traffic Signal Report Card (similar to FHWA TIM CMSA)

## 4 – Culture

- a) Enhance operations culture within agencies. Use performance measures to help “tell the TSMO story”.

# 5 – Organization & Workforce

- a) Establish TSMO organization structure around TSMO related activities, find a champion(s) for different elements
- b) Utilize existing platform/working groups to discuss operations – engage stakeholders early
- c) Establish CV-AV taskforce
- d) Consider MOD application committee (evaluate if DCTA, DART, NCTCOG, etc. are overlapping application efforts)
  - Potential opportunity for NCTCOG to integrate with GoPass app



## 6 – Collaboration

- a) Formalize process (including documentation and follow-up) to request integration
  - Data sharing, video sharing, signal integration, voice communications
  - TxDOT, local agencies, NCTCOG, public safety/emerg mgmt. agencies
- b) Establish and/or formalize operational agreements
  - Recognize IT requirements (including security, etc.)
- c) Recognize that unique expertise may need to be shared among agencies regionally

# 7 – Cross Cutting / Other

a) xx

NCT TSMO Summit

# **NEXT STEPS-CONCLUSION**