

## AGENDA

**Regional Transportation Council  
Thursday, September 13, 2018  
North Central Texas Council of Governments**

**11:30 am      Auto Occupancy Detection Technology Rewards Program and Tolloed  
Managed Lanes Policy Workshop**

**1:00 pm      Full RTC Business Agenda  
(NCTCOG Guest Secured Wireless Connection Password: rangers!)**

**1:00 – 1:05    1.    Approval of August 9, 2018, Minutes**  
 Action       Possible Action       Information      Minutes:      5  
Presenter:      Gary Fickes, RTC Chair  
Item Summary: Approval of the August 9, 2018, minutes contained in  
Reference Item 1 will be requested.  
Background:      N/A

**1:05 – 1:05    2.    Consent Agenda**  
 Action       Possible Action       Information      Minutes:      0

**2.1.    Letter in Support for HR 5701, to Establish an Aviation Maintenance  
Workforce Development Pilot Program**

Presenter:      Ernest Huffman, NCTCOG

Item Summary: Staff will request Regional Transportation Council  
(RTC) approval of a support letter for HR 5701, to be  
signed by RTC Chair Gary Fickes and endorsed by the  
Air Transportation Advisory Committee.

Background:    HR 5701 authorizes the Federal Aviation Administration  
to “carry out a pilot program to provide grants for  
eligible projects to support the education and  
recruitment of aviation maintenance technical workers  
and the development of the aviation maintenance  
industry workforce.” As the aviation and aerospace  
industry in North Central Texas generates over  
\$10.5 billion annually, the region will directly benefit  
from a highly skilled aviation maintenance workforce.  
The passage of HR 5701 will help expand aviation  
maintenance advanced skills training opportunities and  
enhance existing available training in the region and  
across the nation to help meet future labor demands.  
The draft letter of support is provided in Electronic  
Item 2.1.

Performance Measure(s) Addressed:

- |  |  |
|--|--|
| <input type="checkbox"/> Safety        | <input type="checkbox"/> Pavement and Bridge Condition   |
| <input type="checkbox"/> Transit Asset | <input type="checkbox"/> System Performance/Freight/CMAQ |

**2.2. Clean Fleets North Texas 2018 Call for Projects Funding Recommendation**

Presenter: Lori Clark, NCTCOG

Item Summary: Staff will request approval of funding recommendations for an additional application received under the Clean Fleets North Texas 2018 Call for Projects (CFP).

Background: The North Central Texas Council of Governments (NCTCOG) opened the Clean Fleets North Texas 2018 CFP to award grant funds for diesel vehicle or equipment replacement projects in North Central Texas. Applications are accepted on a modified first-come, first-served basis with monthly application deadlines. Staff completed review and emissions quantification of one additional application received since the last Council approval and recommends funding for this project. This CFP is funded through the Environmental Protection Agency's National Clean Diesel Funding Assistance Program and Texas Commission on Environmental Quality Supplemental Environmental Project. This initiative is an extension of clean vehicle efforts listed as weight-of-evidence in the Dallas-Fort Worth 2016 Eight-Hour Attainment Demonstration State Implementation Plan. Electronic Item 2.2.1 provides an overview of the call for projects. Electronic Item 2.2.2 provides additional detail on recommended projects.

Performance Measure(s) Addressed:

- |  |   |
|--|---|
| <input type="checkbox"/> Safety        | <input type="checkbox"/> Pavement and Bridge Condition              |
| <input type="checkbox"/> Transit Asset | <input checked="" type="checkbox"/> System Performance/Freight/CMAQ |

**2.3. Fiscal Year 2019 Advertising for Transportation Initiatives**

Presenter: Mindy Mize, NCTCOG

Item Summary: Staff will seek the Council's support to recommend North Central Texas Council of Governments (NCTCOG) Executive Board approval of up to \$1,400,000 in funding for advertising for transportation initiatives that will initiate in Fiscal Year (FY) 2019. Last month, the Surface Transportation Technical Committee recommended Regional Transportation Council (RTC) approval.

Background: Since 2014, the NCTCOG Executive Board has been authorizing annual large-scale advertising purchase and placement initiatives for the Transportation Department. Electronic Item 2.3.1 explains the benefits of this initiative and showcases cost savings obtained from bulk advertising purchasing for the Transportation Department. Electronic Item 2.3.2 provides more information on FY2019 advertising costs along with examples of past advertising. Advertising campaigns will support 511DFW, the Bike/Pedestrian Safety Program, business engagement, the Congestion

Management Program, the high-occupancy vehicle 2+ incentive, notifications of opportunities for public input/public meetings, the Ozone Season Emission Reduction Campaign, Unmanned Aircraft System and Aviation Education Campaigns, and the Vehicle Technologies Program. RTC approval will be used as recommendation to the NCTCOG Executive Board on September 27, 2018.

Performance Measure(s) Addressed:

- Safety                       Pavement and Bridge Condition  
 Transit Asset                 System Performance/Freight/CMAQ

- 1:05 – 1:20**    3.    **Orientation to Agenda/Director of Transportation Report**  
 Action                       Possible Action     Information                      Minutes:    15  
Presenter:                      Michael Morris, NCTCOG

1. Recognition of Bill Hale, North Tarrant Express-American Road and Transportation Builders Association 2018 P3 Project of the Year
2. Dallas-Fort Worth Clean Cities Annual Survey Results and Fleet Recognition (Electronic Item 3.1)
3. Passing of Judge John Horn from Hunt County
4. "Widescreen" Technology in the Transportation Council Room
5. Status of Upcoming Regional Transportation Council (RTC) Meetings
  - October 11 RTC Meeting: Option 1-No Change, Option 2-Hold Meeting from 11:30 am to 1:15 pm
  - November 8 RTC Meeting: No Change
6. Denton County Transportation Authority Board of Directors Names Raymond Suarez as President
7. Regional Transportation Council Bylaws (Electronic Item 3.2)
8. Air Quality Funding Opportunities for Vehicles  
[www.nctcog.org/trans/quality/air/funding-and-resources/fundingvehicle](http://www.nctcog.org/trans/quality/air/funding-and-resources/fundingvehicle)
9. Ozone Season Update (Electronic Item 3.3)
10. Safety Program Performance Measures Report (Electronic Item 3.4)
11. Public Meeting Notice (Electronic Item 3.5)
12. Public Comments Report (Electronic Item 3.6)
13. Recent Correspondence (Electronic Item 3.7)
14. Recent News Articles (Electronic Item 3.8)
15. Recent Press Releases (Electronic Item 3.9)
16. Transportation Partners Progress Reports

- 1:20 – 1:30**    4.    **Metropolitan Planning Organization Planning Agreement**  
 Action                       Possible Action     Information                      Minutes:    10  
Presenter:                      Ken Kirkpatrick, NCTCOG  
Item Summary: Staff will brief the Regional Transportation Council (RTC) on the Metropolitan Planning Organization (MPO) Agreement with the Texas Department of Transportation (TxDOT). The RTC will be asked to approve the Agreement and authorize Michael Morris to execute on behalf of the RTC.  
Background:                      The North Central Texas Council of Governments (NCTCOG) and RTC together serve as the MPO for the Dallas-Fort Worth metropolitan area and are authorized to receive federal

transportation planning funds to carry out transportation planning activities required by federal law. The mechanism to receive these funds is through an MPO Planning Agreement with TxDOT. The current six-year Agreement is set to expire on September 30, 2018. As such, execution of a new Agreement is necessary. The proposed MPO Planning Agreement sets out the responsibilities of RTC as the MPO policy committee, the NCTCOG Executive Board as the fiscal agent, and TxDOT as the conduit of the federal funds. As the MPO policy committee, RTC has the responsibility for establishing overall transportation policy for the MPO, including development and adoption of the Metropolitan Transportation Plan, Transportation Improvement Program, and Unified Planning Work Program. NCTCOG, through the Executive Board, has the responsibility to provide fiscal, personnel, and staff support services for the MPO, including fiscal administration of the federal transportation planning funds. The MPO Planning Agreement also outlines TxDOT's responsibility to make available all appropriate federal transportation planning funds to the MPO and provide the required non-federal match. Upon RTC approval, the NCTCOG Executive Board will be asked to authorize execution of the agreement at its September 27, 2018, meeting. The draft Agreement is provided in Electronic Item 4.

Performance Measure(s) Addressed:

- Safety
- Pavement and Bridge Condition
- Transit Asset
- System Performance/Freight/CMAQ

1:30 – 1:40

5. **Trinity Metro (Fort Worth Transportation Authority)/Fort Worth Housing Solutions Proposed Funding Exchange**

Action       Possible Action       Information      Minutes: 10

Presenter: Christie Gotti, NCTCOG

Item Summary: Staff will brief the Regional Transportation Council (RTC) on a proposed \$11,362,000 funding partnership and exchange among Fort Worth Housing Solutions, Trinity Metro, and the RTC for use toward the construction of a new transit-oriented development project near the Texas and Pacific Trinity Railway Express Station. RTC approval of the funding exchange will be requested.

Background: Fort Worth Housing Solutions and Trinity Metro are partnering to construct a transit-oriented development (TOD) on the southern edge of downtown Fort Worth south of IH 30 at Vickery Boulevard. Funding sources have been identified for the construction of the TOD, except for a funding gap that exists for the needed parking facility. Since the parking facility will provide spaces for both public transit riders and private users, staff proposes a funding exchange in order to be fully compliant with eligibility requirements while still creating an innovative funding partnership with Trinity Metro and Fort Worth Housing Solutions. In this proposed funding exchange, the RTC would first allocate \$11,362,000 in federal

funds to Trinity Metro. These federal funds would be used by Trinity Metro on projects of mutual interest to the RTC and Trinity Metro (specific projects to be identified in the future through Transportation Improvement Program action). Following the aforementioned allocation, Trinity Metro will then transfer an equal amount in local funds to Fort Worth Housing Solutions to implement the parking facility. This TOD project will provide greater access to public transit and affordable housing, along with linking transportation and land uses and the associated air quality benefits. Additional details on the proposed funding exchange can be found in Electronic Item 5.

Performance Measure(s) Addressed:

- Safety
- Pavement and Bridge Condition
- Transit Asset
- System Performance/Freight/CMAQ

1:40 – 1:50

6. **Volkswagen Mitigation Program**

- Action
- Possible Action
- Information
- Minutes: 10

Presenter: Lori Clark, NCTCOG

Item Summary: Staff will present an update on the status of the Volkswagen Settlement, as well as an overview of the Draft Beneficiary Mitigation Plan for Texas. This plan outlines how the Texas Commission on Environmental Quality (TCEQ) intends to spend \$209 million allocated to the State of Texas under the Environmental Mitigation Trust (Trust). Staff will request approval of proposed comments.

Background: The TCEQ was designated by the Governor as the lead agency for administration of Texas' share of funds under the Trust, which is approximately \$209 million. The Trust was established as part of the Volkswagen Clean Air Act Civil Settlements and requires each beneficiary to submit a Mitigation Plan. The TCEQ published the Draft Beneficiary Mitigation Plan for Texas on August 8, 2018, and is accepting public comments through October 8, 2018. The North Central Texas Council of Governments developed a list comparing the project types and funding levels eligible under the Trust to what is eligible under the draft plan developed by the TCEQ. This list is available in Electronic Item 6.1. The TCEQ indicated that it will give strong consideration to comments received by the Metropolitan Planning Organizations in its defined priority areas, which includes the ten counties of the Dallas-Fort Worth ozone nonattainment area, as well as Hood County. Electronic Item 6.2 provides an overview of the Trust and a summary of proposed comments of the Draft Beneficiary Mitigation Plan for Texas. A copy of a draft letter and attached policy paper is included as Electronic Item 6.3.

Performance Measure(s) Addressed:

- Safety
- Pavement and Bridge Condition
- Transit Asset
- System Performance/Freight/CMAQ

1:50 – 2:00

7. **Auto Occupancy Detection Technology Follow up to Workshop, Rewards Program, and High-Occupancy Vehicle Subsidy Report**

Action       Possible Action       Information      Minutes: 10

Presenters: Berrien Barks and Natalie Bettger, NCTCOG

Item Summary: Staff will update the Regional Transportation Council (RTC) on the status of the high-occupancy vehicle (HOV) subsidy on tolled managed lanes and will present an overview of the High-Occupancy Vehicle Rewards Program utilizing the Carma Auto Occupancy Detection and Verification Technology, as well as a follow up to the RTC Workshop. A path forward on US 75 technology lanes will also be presented.

Background: The RTC's Tolled Managed Lane Policy includes provisions for reimbursing private tolled managed lane operators for the 50 percent peak period HOV subsidy as well as to explore automated occupancy verification technology. Staff will update the RTC on the status of the HOV subsidy on tolled managed lanes as well as a proposed new direction of the automated occupancy verification program. The North Central Texas Council of Governments (NCTCOG) contracted with a vendor, Carma Technology Corporation, to develop an occupancy verification technology solution to apply the HOV discount during the peak periods. Currently, HOV drivers wishing to receive the discount must register their trip as an HOV trip in advance of taking that trip. Enforcement is done through a manual process in which an officer verifies that a declared HOV has at least two occupants. This is a dangerous situation for the police officers, as well as a disruption to traffic flow when potential violators are pulled over on the side of the road. The RTC policy includes a provision to explore a technology solution for the verification of auto occupancy rather than relying on manual enforcement. A new approach focused on HOV rewards that utilizes the Carma technology solution to detect and verify the number of occupants within a vehicle is being proposed. The vision is to implement a rewards-based technology solution on all tolled managed lanes within the region, with a staged approach to apply on other roadways within the region that could also be deployed statewide through the Texas Department of Transportation. A workshop will be held prior to the RTC meeting to discuss in detail. Additional information can be found in Electronic Item 7.

Performance Measure(s) Addressed:

Safety       Pavement and Bridge Condition  
 Transit Asset       System Performance/Freight/CMAQ

2:00 – 2:10

8. **Performance Measures Target Setting**

Action       Possible Action       Information      Minutes: 10

Presenter: Dan Lamers, NCTCOG

Item Summary: Staff will present an update regarding the schedule and process for Metropolitan Planning Organization adoption of federally required performance measure targets. The targets

are set in cooperation and coordination with the Texas Department of Transportation and local transit providers. Staff will outline the process leading to adoption of all regional targets, in addition to informing the Regional Transportation Council (RTC) of its desire to present target data for public review and comment at the next round of North Central Texas Council of Governments public meetings.

Background: In December 2015, the Fixing America's Surface Transportation (FAST) Act was signed into law. The FAST Act requires certain performance measures be included in the long-range metropolitan transportation planning process. These measures were established by a series of four rulemakings: Safety, Infrastructure Condition, System Performance/Freight/Congestion Mitigation and Air Quality, and Transit Asset Management. Previously, the region adopted targets for the Transit Asset Management and Safety performance measures.

Each performance measure rulemaking consists of several specific performance measures. Targets for these required specific performance measures must be adopted by the RTC by November 15. In addition, the region will develop additional specific performance measures more representative of the region. The specific regional performance measures will more closely associate with the region's long-range transportation planning goals as outlined in the recently adopted Mobility 2045 Plan.

A workshop for Surface Transportation Technical Committee members was held on August 24, 2018. Electronic Item 8 is the staff presentation from the workshop. Draft targets are expected to be presented to the RTC in October with final targets recommended for RTC action on November 8, 2018.

Performance Measure(s) Addressed:

- Safety
- Pavement and Bridge Condition
- Transit Asset
- System Performance/Freight/CMAQ

2:10 – 2:20

9. **Implementation of Regional Trail Corridors**

Action       Possible Action       Information      Minutes: 10  
Presenter: Karla Weaver, NCTCOG

Item Summary: Staff will provide an overview of funding recommendations for design and construction of critical sections of Regional Veloweb trail corridors including last-mile connections to rail stations.

Background: In November 2013, a coordination meeting held at the North Central Texas Council of Governments brought together the mayors from five cities of the Dallas-Fort Worth region to discuss implementing a Regional Veloweb trail alignment from Downtown Fort Worth to Downtown Dallas. The participating cities included Arlington, Dallas, Fort Worth, Grand Prairie, and Irving. Since 2013, various sections of the trail have

begun construction and/or have secured construction funding. Funding is needed on an additional 3.1 miles of trail in proximity to CentrePort Trinity Railway Express rail station that will complete a continuous 53-mile trail alignment between the five cities.

The Dallas Area Rapid Transit (DART) Cotton Belt rail project includes a parallel, regionally significant Veloweb trail corridor that will connect with multiple planned commuter rail stations located in seven cities across three counties. Accommodations for the approximate 26-mile regional trail have been included as part of DART's planning for the commuter rail corridor. Several sections of the trail corridors have been identified as critical to be constructed with the Cotton Belt rail project due to right-of-way constraints and other factors impacting the feasibility of construction in the future when the commuter rail is operational.

Staff will provide an overview of funding recommendations to implement various sections of these priority regional trail corridors including last mile connections to rail stations. The proposed funding recommendation is provided in Electronic Item 9.1, and information on the overall effort is provided in Electronic Item 9.2.

Performance Measure(s) Addressed:

- Safety                       Pavement and Bridge Condition  
 Transit Asset                 System Performance/Freight/CMAQ

2:20 – 2:30 10.

**Automated Vehicle Program Briefing**

Action                       Possible Action     Information                      Minutes: 10

Presenter: Thomas Bamonte, NCTCOG

Item Summary: Staff will brief the Council on an Automated Vehicle (AV) Program that will provide member cities and other eligible public entities with: 1) planning resources to prepare for AVs, 2) funding to cover costs incurred when there is an AV deployment, and 3) an opportunity to deliver an AV project to address transportation needs not covered by private AV developers.

Background: The region is attracting more attention from the AV developer community for a variety of AV deployment types-e.g., robotaxis, freight delivery. The proposed AV Program consists of three elements:

- Planning: Provide planning assistance for cities that are planning ahead for the deployment of AVs in their community; \$1.7 million (\$1.5 million net to cities).
- Implementation Costs: Funding to help cities cover infrastructure, equipment, safety, public education and other costs incurred when an AV deployment comes to a community; \$10.6 million (\$10 million net to cities).

- Regional Priority Projects: AV deployments projects supporting use cases/communities that have not attracted AV developer interest; \$20.9 million (\$20 million net to cities).

The Planning grants would be accessible by cities that indicate they are interested in AV deployments. The Implementation Cost grants would be accessible by cities with AV deployments. The Regional Priority Projects will be selected through a competitive process at a later date.

Performance Measure(s) Addressed:

- Safety                       Pavement and Bridge Condition  
 Transit Asset                 System Performance/Freight/CMAQ

2:30 – 2:40 11.

**Freight North Texas Truck Parking Study**

- Action                       Possible Action     Information                      Minutes: 10

Presenter: Jeff Hathcock, NCTCOG

Item Summary: Staff will brief the Regional Transportation Council on the Freight North Texas Truck Parking Study.

Background: The Truck Parking Study assessed the overnight and temporary truck parking needs in the North Central Texas region. The study included a review of existing information from previous truck parking studies, data collection, and driver surveys. The analysis of this information led to key findings about the need for additional regional truck parking with a focus on specific areas with critical truck parking priorities; the Corridors of Concern. Recommendations were developed to provide guidance to address these findings. More information is available in Electronic Item 11.

Performance Measure(s) Addressed:

- Safety                       Pavement and Bridge Condition  
 Transit Asset                 System Performance/Freight/CMAQ

12. **Progress Reports**

- Action                       Possible Action     Information

Item Summary: Progress Reports are provided in the items below.

- RTC Attendance (Electronic Item 12.1)
- STTC Attendance and Minutes (Electronic Item 12.2)
- Local Motion (Electronic Item 12.3)

13. **Other Business (Old or New):** This item provides an opportunity for members to bring items of interest before the group.

14. **Future Agenda Items:** This item provides an opportunity for members to bring items of future interest before the Council.

15. **Next Meeting:** The next meeting of the Regional Transportation Council is scheduled for *1:00 pm, Thursday, October 11, 2018, at the North Central Texas Council of Governments.*