

AGENDA

SURFACE TRANSPORTATION TECHNICAL COMMITTEE Friday, September 28, 2018 North Central Texas Council of Governments

1:30 pm Full STTC Business Agenda

(NCTCOG Guest Secured Wireless Connection Password: rangers!)

1:30 – 1:35

1. **Approval of August 24, 2018, Minutes**

Action Possible Action Information Minutes: 5

Presenter: Kristina Holcomb, STTC Chair

Item Summary: Approval of the August 24, 2018, meeting minutes contained in Reference Item 1 will be requested.

Background: N/A

1:35 – 1:35

2. **Consent Agenda**

Action Possible Action Information Minutes: 0

2.1. **Transportation Improvement Program Modifications**

Presenter: Wade Haffey, NCTCOG

Item Summary: A recommendation for Regional Transportation Council (RTC) approval of revisions to the 2019-2022 Transportation Improvement Program (TIP) will be requested, along with the ability to amend the Unified Planning Work Program (UPWP) and other planning documents with TIP-related changes.

Background: November 2018 revisions to the 2019-2022 TIP are provided as Electronic Item 2.1 for the Committee's consideration. These modifications have been reviewed for consistency with the Mobility Plan, the air quality conformity determination, and financial constraint of the TIP.

Performance Measure(s) Addressed:

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

2.2. **FY2018 and FY2019 Unified Planning Work Program Modifications**

Presenter: Vickie Alexander, NCTCOG

Item Summary: A recommendation for Regional Transportation Council (RTC) approval of modifications to the FY2018 and FY2019 Unified Planning Work Program (UPWP) will be requested. Direction for staff to also amend the Transportation Improvement Program and other administrative/planning documents, as appropriate, to reflect the approved modifications will also be sought.

Background: The Unified Planning Work Program is required by federal and State transportation planning regulations and provides a summary of the transportation and related air quality planning tasks to be conducted by Metropolitan Planning Organization staff. The

FY2018 and FY2019 UPWP identifies the activities to be carried out between October 1, 2017, and September 30, 2019. Amendments to this document are being proposed to reflect new initiatives, project updates, and funding adjustments. The proposed amendments were presented to the public through the September 10, 11, and 19, 2018, public meetings and are also included as Electronic Item 2.2.1. Additional information is provided in Electronic Item 2.2.2. Comments received as a result of the public outreach process, if any, will be provided as a handout at the meeting.

Performance Measure(s) Addressed:

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

2.3. Clean Fleets North Texas 2018 Call for Projects Funding Recommendation

Presenter: Amy Hodges, NCTCOG

Item Summary: Staff will request a recommendation for Regional Transportation Council approval of funding for additional applications 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 has completed review and emissions quantification of applications received since the last committee approval and has developed funding recommendations. 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 2.3.1 provides an overview of the CFP. Electronic Item 2.3.2 provides detailed project listings.

Performance Measure(s) Addressed:

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

2.4. **2018 Incident Management Equipment Purchase Call for Projects**

Presenter: Camille Fountain, NCTCOG

Item Summary: Staff will request a recommendation for Regional Transportation Council approval to host a new round of Incident Management Equipment Purchase Call for Projects in 2018.

Background: The North Central Texas Council of Governments (NCTCOG) hosted the first Incident Management Equipment Purchase Call for Projects (CFP) in 2014 to assist first responder partner agencies in purchasing equipment and technology used to mitigate traffic incidents in the North Central Texas nonattainment area. The 2014 CFP was developed in support of the NCTCOG Traffic Incident Management Training Program's recommendation to use Best Practice Equipment and Technology. The goal of the North Central Texas Council of Governments Traffic Incident Management Training Program is to initiate a common, coordinated response to traffic incidents that will build partnerships, enhance safety for emergency personnel and the traveling public, reduce secondary traffic crashes, improve the efficiency of the transportation system, and improve air quality in the Dallas-Fort Worth region. Non-recurring traffic incidents are responsible for about 50 percent of all congestion. Additionally the secondary crashes caused by these incidents kill or injure hundreds annually in the Dallas-Fort Worth area. Equipment and technology that aid in quick incident clearance can both assist with keeping motorists and first responders safe on the roadway and assist in improved air quality for the region. The 2018 Incident Management Equipment Purchase CFP will be the second round of CFP. Electronic Item 2.4 provides an overview of the 2018 Incident Management Equipment Purchase CFP.

Performance Measure(s) Addressed:

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

1:35 – 1:45

3. **Auto Occupancy Verification Technology and High-Occupancy Vehicle Rewards Program**

Action Possible Action Information Minutes: 10

Presenter: Natalie Bettger, NCTCOG

Item Summary: Staff will seek the Committee's support for Regional Transportation Council (RTC) approval of the High-Occupancy Vehicle (HOV) Rewards Program utilizing the Carma Auto Occupancy Detection and Verification Technology.

Background: The RTC's Tolloed Managed Lane Policy includes provisions to explore a technology solution for the verification of auto occupancy rather than relying on manual enforcement. 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. Staff provided an update of the auto occupancy verification technology and HOV Rewards Program at the August 2018 meeting and held an RTC Workshop on September 13, 2018. 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. The HOV Rewards Program will utilize the Carma technology solution to detect and verify the number of occupants within a vehicle. 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. Additional information can be found in Electronic Item 3.

Performance Measure(s) Addressed:

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

1:45 – 1:55

4. **Implementation of Regional Trail Corridors**

- Action
- Possible Action
- Information
- Minutes: 10

Presenter: Kevin Kokes, NCTCOG

Item Summary: Staff will request a recommendation for Regional Transportation Council (RTC) approval of funding to design and construct 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. Additional information is provided in Electronic Item 4.1 and Electronic Item 4.2.

Performance Measure(s) Addressed:

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

1:55 – 2:05

5. **Automated Vehicle Program 2.0**

Action Possible Action Information Minutes: 10

Presenter: Thomas Bamonte, NCTCOG

Item Summary: Staff will seek a Committee recommendation for Regional Transportation Council (RTC) approval of 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 such as robo-taxis and 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 deployment projects supporting use cases/communities that have not attracted AV developer interest. \$20.9 million (\$20 million net to cities).

The Planning grants will be accessible by cities that indicate they are interested in AV deployments. The Implementation Cost grants will be accessible by cities with AV deployments. The Regional Priority Projects will be selected through a competitive process at a later date. Electronic Item 5.1 provides more detail regarding the Automated Vehicle 2.0 program. The Committee will be asked to recommend RTC approval of the program and related policies. A proposed RTC policy statement is included for review in Electronic Item 5.2.

Performance Measure(s) Addressed:

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

2:05 – 2:15

6. **Status Report on Positive Train Control Implementation in North Central Texas**

Action Possible Action Information Minutes: 10
Presenter: Shannon Stevenson, NCTCOG, and Reed Lanham, Trinity Metro

Item Summary: An update on Positive Train Control (PTC) implementation in North Central Texas will be provided.

Background: On October 16, 2008, Congress passed the Rail Safety Improvement Act of 2008 requiring the installation of Positive Train Control technology on a majority of the US Railroad network, including all commuter rail, by December 31, 2018. PTC technology can help prevent collisions and other incidents by automatically detecting and controlling the movement of trains, which could save lives. Staff will summarize progress made with PTC implementation for commuter rail in North Central Texas.

Performance Measure(s) Addressed:

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

2:15 – 2:25

7. **Public Participation Plan Update**

Action Possible Action Information Minutes: 10
Presenter: Kyle Roy, NCTCOG

Item Summary: Staff will present an overview of the Public Participation Plan and outline proposed revisions, which are necessary to reflect Fixing America's Surface Transportation (FAST) Act requirements and changing demographics.

Background: The current Public Participation Plan, provided in Electronic Item 7.1, was approved by the Regional Transportation Council in February 2015. In accordance with federal law, the Public Participation Plan defines public involvement procedures and comment periods, outlines strategies to inform the public, and describes measures to include diverse voices in the transportation and air quality planning process. The Language Assistance Plan is included as an appendix. Updates are necessary to address FAST Act stakeholder requirements, changing demographics, and the increasing role of technology in public input opportunities. A 45-day comment period on an updated Public Participation Plan and Language Assistance Plan, provided in Electronic Item 7.2, began September 10. A presentation containing additional information on the proposed revisions is included as Electronic Item 7.3.

Performance Measure(s) Addressed:

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

2:25 – 2:35

8. **Dallas-Fort Worth Clean Cities Annual Survey and Fleet Recognition Results**

Action Possible Action Information Minutes: 10

Presenter: Bailey Muller, NCTCOG

Item Summary: Staff will provide a summary of results compiled from the 2017 Dallas-Fort Worth Clean Cities (DFWCC) annual reports and recognize fleets who earned Bronze or Silver Fleet levels under the DFWCC fleet recognition program.

Background: The North Central Texas Council of Governments has been the host organization for DFWCC, a US Department of Energy (DOE) initiative to increase energy security and reduce petroleum consumption in the transportation sector, since 1994. Clean Cities coalitions are required to complete annual reporting to DOE every March. In order to complete this reporting, DFWCC seeks information from local fleets about alternative fuel use and other fleet efficiency activities. These results are compiled each year into performance measures relevant to the DOE. Four years ago, DFWCC began a recognition program designed to highlight the public-sector fleets on their efforts toward cleaner operations through their submitted annual reports. In August 2018, DFWCC staff announced that 18 fleets had earned Bronze or Silver designation based on their 2017 reports. More details can be found in Electronic Item 8.

Performance Measure(s) Addressed:

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

2:35 – 2:45

9. **Performance Measures Target Setting**

Action Possible Action Information Minutes: 10

Presenter: Dan Lamers, NCTCOG

Item Summary: Staff will update the Surface Transportation Technical Committee (STTC) on proposed regional targets for federally required performance measures. The targets are set in cooperation and coordination with the Texas Department of Transportation.

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 Regional Transportation Council (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. Proposed targets will be presented for the Infrastructure Condition and System Performance/Freight/Congestion Mitigation and Air Quality required measures.

A workshop for STTC members was held on August 24, 2018. Draft targets are expected to be presented to the RTC in October. Final targets will be presented to STTC for a recommendation to RTC in October. Final targets will be presented to the RTC for action on November 8, 2018.

Performance Measure(s) Addressed:

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

2:45 – 3:00

10. Fast Facts

Action Possible Action Information Minutes: 15
Item Summary: Brief presentations will be made on the following topics:

1. *Anthony Moffa* – Air Quality Funding Opportunities for Vehicles
www.nctcog.org/trans/quality/air/funding-and-resources/fundingvehicle
2. *Bailey Muller* – Dallas-Fort Worth Clean Cities Events
www.dfwcleancities.org/dfw-clean-cities-meetings
3. *Jackson Enberg* – Ozone Season Update (Electronic Item 10.1)
4. *Lori Clark* – Comments Submitted to Draft Beneficiary Mitigation Plan for Texas (Electronic Item 10.2)
5. *Jason Brown* – Correspondence to the Texas Legislative Budget Board Regarding Modernizing the Low Income Vehicle Repair, Retrofit, and Accelerated Vehicle Retirement Program (LIRAP)/Local Initiatives Projects (LIP) (Electronic Item 10.3)
6. *Victor Henderson* – Public Comments Report (Electronic Item 10.4)
7. *Carli Baylor* – October Public Meeting Notice (Handout)
8. Written Progress Report:
 - Local Motion (Electronic Item 10.5)

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

12. **Next Meeting:** The next meeting of the Surface Transportation Technical Committee is scheduled for **1:30 pm on October 25, 2018, at the North Central Texas Council of Governments.**