

AGENDA

SURFACE TRANSPORTATION TECHNICAL COMMITTEE

Friday, December 6, 2019

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 October 25, 2019, Minutes

☒ Action ☐ Possible Action ☐ Information Minutes: 5

Presenter: Bryan Beck, STTC Chair

Item Summary: Approval of the October 25, 2019, meeting minutes contained in Reference Item 1 will be requested.

Background: N/A

1:35 – 1:40

2. Consent Agenda

☒ Action ☐ Possible Action ☐ Information Minutes: 5

2.1. Transportation Improvement Program Modifications

Presenter: Rylea Roderick, 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 and other planning documents with TIP-related changes.

Background: February 2020 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

1:40 – 1:50

3. High-Occupancy Vehicle Transportation Control Measures: Application of Managed Lanes and Substitution of Traffic Signal Progression

☒ Action ☐ Possible Action ☐ Information Minutes: 10

Presenter: Vivek Thimmavajjala, NCTCOG

Item Summary: Staff will request a recommendation for Regional Transportation Council approval of the transportation control measure (TCM) traffic signalization project substitutions for high-occupancy vehicle (HOV) projects.

Background: HOVs are currently listed in the State Implementation Plan (SIP) as TCMs. Over time, increased congestion in these corridors has resulted from increased population and vehicle miles traveled. As a result of traditional HOV lanes not meeting the needs of current demands, tolled managed lanes

with HOV discounts are being built, providing congestion relief and associated air quality benefits.

Removal of TCMs from the SIP requires a substitution process, ensuring emissions benefits are equivalent. Traffic signal improvements, such as signal retiming and signal coordination, enhance traffic flow and thereby decrease vehicular emissions. The North Central Texas Council of Governments has identified corridors in the nonattainment area where recent traffic signal improvements were completed and will be used as substitutes to HOVs. Electronic Item 3 provides further information on this effort.

November 11, 2019, began the 30-day public comment process. Staff continues coordination with the Environmental Protection Agency and the Texas Commission on Environmental Quality to ensure a successful substitution.

Performance Measure(s) Addressed:

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

1:50 – 2:00

4. **Partnership with Dallas Fort Worth International Airport to Enable Electric Bus Purchase**

☒ Action ☐ Possible Action ☐ Information Minutes: 10

Presenter: Chris Klaus, NCTCOG

Item Summary: Staff will request endorsement of Regional Transportation Council approval for a funding partnership with the Dallas Fort Worth International Airport to support electric bus purchases.

Background: As the number of daily flights have continued to grow at Dallas Fort Worth International Airport, the airport has identified a need for additional airside buses to shuttle passengers from the ramp to the terminal. The needed buses are available in a zero-emission electric platform, but costs to purchase the electric version of the buses are substantially higher than purchasing diesel airside buses. Because of the regional significance of purchasing electric buses, North Central Texas Council of Governments staff proposes to provide up to \$3.5 million through a strategic funding partnership to assist the airport in purchasing electric rather than diesel buses. Specific funding details will be determined once agreement on the budget estimate is settled. This initiative supports efforts to attain the federal ozone standard. Electronic Item 4.1 is recent support correspondence to the airport. Additional details are available in Electronic Item 4.2.

Performance Measure(s) Addressed:

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

2:00 – 2:10

5. 2019 Metropolitan Planning Organization Milestone Policy (Round 2)

☐ Action ☐ Possible Action ☒ Information Minutes: 10

Presenter: Brian Dell, NCTCOG

Item Summary: Staff will introduce the Committee to the second round of the Metropolitan Planning Organization (MPO) Milestone Policy and project list. In addition, staff will discuss the City of Dallas' project monitoring process to be developed in exchange for extending an expiring project.

Background: The first MPO Milestone Policy was approved by the Regional Transportation Council (RTC) in the 2015-2016 timeframe. A second round of projects have been identified by staff as Milestone Policy projects. These projects were funded between 2006 and 2010 and have not begun construction. As with the first set of Milestone Policy projects, agencies will be asked to review their projects and provide: 1) a realistic, achievable project schedule, 2) a new policy board action that reconfirms the agency's commitment to the project, and 3) a demonstration of the availability of local matching funds. Letters will be sent to all agencies with a project on the Milestone Policy list notifying them of the action needed and the deadline to provide the requested information. Details can be found in Electronic Item 5.1, and the Milestone Policy Project list can be found in Electronic Item 5.2.

Performance Measure(s) Addressed:

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

2:10 – 2:20

6. Hyperloop Certification Center Request for Proposals Status Report

☐ Action ☐ Possible Action ☒ Information Minutes: 10

Presenter: Michael Morris NCTCOG

Item Summary: Staff will provide a summary of the response to Virgin Hyperloop One (VHO) regarding its Request for Proposals for a Certification Center.

Background: The Regional Transportation Council approved submittal of a response to the VHO Request for Proposals. The submittal deadline is December 13, 2019. The Committee will be brought up to date on the project details.

Performance Measure(s) Addressed:

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

2:20 – 2:30

7. Auto Occupancy Verification Technology

☐ Action ☒ Possible Action ☐ Information Minutes: 10

Presenter: Natalie Bettger, NCTCOG

Item Summary: Staff will update the Committee on the status of the high-occupancy vehicle (HOV) detection and verification technology utilizing the GoCarma App.

Background: The Regional Transportation Council's (RTC) 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. Current enforcement is 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 North Central Texas Council of Governments (NCTCOG), with cooperation from the Texas Department of Transportation, the North Texas Tollway Authority, and LBJE/NTE Mobility Partners, has contracted with a vendor, Carma Technology Corporation, to develop an occupancy verification technology solution to apply the HOV discount during peak periods. During fall 2018, the Regional Transportation Council approved additional funding to continue the development and implementation of the technology in coordination with partner agencies. The technology will launch in January 2020. This update will provide an overview of the remaining tasks and project schedule. Additional information can be found in Electronic Item 7.

Performance Measure(s) Addressed:

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

2:30 – 2:40

8. Performance End Dates for Federally Funded Transportation Projects

☐ Action ☐ Possible Action ☒ Information Minutes: 10

Presenter: Brian Dell, NCTCOG

Item Summary: Staff will inform the Committee about performance end dates (PED) on federally funded projects and the potential impacts of PEDs on project implementation.

Background: In December 2014, the Office of Management and Budget (OMB) published Code of Federal Regulations (CFR) Title 2 Part 200 which implemented, among other things, a period of performance during which costs can be reimbursed on federally funded projects. PEDs are part of this period of performance and have been written into Federal Project Authorization Agreements (FPAA) issued on and after December 26, 2014. PEDs that were established soon after this regulation was implemented have begun to expire, and at least one project in the region has been impacted negatively. Staff will provide information on periods of performance and PEDs, how agencies can ensure that their projects do not exceed these dates, and how to modify them. Additional details can be found in Electronic Item 8.

Performance Measure(s) Addressed:

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

2:40 – 2:45

9. Trail of the Month Video Highlights

☐ Action ☐ Possible Action ☒ Information Minutes: 5

Presenter: Matt Fall, NCTCOG

Item Summary: Staff will highlight the series of “Trail of the Month” videos.

Background: Over the next year, the Sustainable Development team will highlight twelve shared-use trails within the Dallas-Fort Worth region through a series of “Trail of the Month” videos. The videos detail benefits of the facilities, including economic development, regional connectivity, increased mode share for active users, and improved quality of life within the community. Staff will give a brief description of what the team has developed thus far before playing a two-minute video from the series. The videos are posted to the North Central Texas Council of Governments website on the first Friday of each month, and the public is notified of their availability through several modes of social media. Electronic Item 9 reflects the video staff will display for the committee.

Performance Measure(s) Addressed:

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

2:45 – 2:55

10. End of 2019 Ozone Season

☐ Action ☐ Possible Action ☒ Information Minutes: 10

Presenter: Jenny Narvaez, NCTCOG

Item Summary: Staff will provide a summary of the 2019 ozone season activity for the Dallas-Fort Worth (DFW) region. The ozone season is from March 1 to November 30.

Background: The end of November concluded another ozone season for the DFW region. The region continues to work towards compliance for ozone National Ambient Air Quality Standards (NAAQS). Staff has been tracking the exceedance days at each monitor and will provide a summary of the 2019 ozone season data for the North Central Texas 9- and 10-county nonattainment areas.

As a reminder, the region remains in nonattainment for both the 2015 and 2008 NAAQS for ozone. The attainment dates for both standards are in 2021 and will rely on ozone data from 2018, 2019, and 2020. Staff will discuss upcoming milestones and possible outcomes related to the standards.

Performance Measure(s) Addressed:

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

2:55 – 3:10

11. **Fast Facts**

☐ Action ☐ Possible Action ☒ Information Minutes: 15

Item Summary: Brief presentations will be made on the following topics:

1. *April Leger* – 2020 Surface Transportation Technical Committee and Regional Transportation Council Meeting Schedules (Electronic Item 11.1)
2. *April Leger* – Tom Bamonte Appointed to the Governor's Texas Connected and Automated Vehicle Task Force
3. *Rebekah Hernandez* – Federal Update: Continuing Resolution with Highway Rescission Fix Approved
4. *Shawn Conrad* – Curbside Planning and Management Workshop, February 5, 2020
5. *Amy Hodges* – Air Quality Funding Opportunities for Vehicles (www.nctcog.org/trans/quality/air/funding-and-resources/fundingvehicle)
6. *Amy Hodges* – Dallas-Fort Worth Clean Cities Events (www.dfwcleancities.org/dfw-clean-cities-meetings)
7. *Victor Henderson* – December Online Input Opportunity Notice (Handout)
8. *Victor Henderson* – October Public Meeting Minutes (Electronic Item 11.2)
9. *Victor Henderson* – Public Comments Report (Electronic Item 11.3)
10. Written Progress Report:
 - Local Motion (Electronic Item 11.4)
 - Transportation Partner Progress Reports (Electronic Item 11.5)

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

13. **Next Meeting:** The next meeting of the Surface Transportation Technical Committee is scheduled for ***1:30 pm on January 24, 2020, at the North Central Texas Council of Governments.***