

ACTION ITEM #2

**MINUTES
WINSTON-SALEM URBAN AREA
TRANSPORTATION ADVISORY COMMITTEE (TAC)
FEBRUARY 16, 2023
4:15 P.M
VIRTUAL MEETING**

MEMBERS PRESENT:

Jeff MacIntosh, Council Member, City of Winston-Salem
Robert Clark, Council Member City of Winston-Salem
John Larson, Council Member, City of Winston-Salem
Mike Brannon, Council Member, Town of Bermuda Run
Michael Lane, Council Member, City of King
Bill Apple, Mayor Pro Temp, Town of Kernersville
Myron Marion, Mayor, Village of Tobaccoville
Jackie Edwards, Council Member, Town of Midway
Dr. Ken Sadler, Council Member, Town of Lewisville
Rick Morris, Commissioner, Stokes County
Wesley Hutchins, Mayor Pro Tempore, Town of Walkertown
Mike Combest, Council Member, Village of Clemmons
John Rogers, Commissioner, Town of Bethania
Andrew Perkins, Vice Chair, NCBOT

PRESIDING: Denise Adams, Mayor Pro Tempore, City of Winston-Salem, Vice Chairman

STAFF PRESENT:

Pat Ivey, NCDOT
Brandon Oliver, FHWA
Pam Cook, FHWA
Toneq' McCullough, WSDOT
Jeff Fansler, WSDOT
Matthew Burczyk, WSDOT
Kelly Garvin, WSDOT
Donna Woodson, WSTA
Matthew Duchan, WSDOT
Hunter Staszak, WSDOT
Marlene Davis, WSDOT
Phillip Craver, NCDOT

RECORDING SECRETARY: Laura Nixon, WSDOT

OTHERS

Larry Bell, TV13, Kara Cody, Workshops of Davidson

Vice Chairman Adams welcomed all members. Vice Chairman Adams then requested that Kelly Garvin, TAC Secretary, take roll call.

Vice Chairman Adams read the Ethics Awareness and Conflict of Interest Statement.

1. Public Comments.

- Kara Cody from the Workshops of Davidson presented to TAC members the need for their services to disabled adults and how their service enhanced their lives. She wanted members to give this consideration when 5310 funds were dispersed this fiscal year.
- Vice Chairman Denise Adams asked if the MPO had voted on this year's funds?
- Kelly Garvin replied that they had voted on last years funds and that the call is currently out now.

Action Items

2. Consideration of the January 24, 2023 Meeting Minutes

Presented by Vice Chairman Denise Adams

- Accept minutes with the change of Willie Clark be listed as in attendance only once.

MOTION: Myron Marion

SECOND: Andrew Perkins

VOTE:

FOR: Unanimous

AGAINST: None

Abstained: Ken Sadler

Jackie Edwards

John Rogers

3. Public Hearing and Consideration of Targets for Safety Performance Measures Established by the North Carolina Department of Transportation (NCDOT) and Amending the 2045 Metropolitan Transportation Plan (MTP).

- No one present for Public Hearing.

Presented by Hunter Staszak

- Per the Federal Highway Administration's (FHWA) Highway Safety Improvement Program (HSIP) final rule (23 CFR, Part 490), the North Carolina Department of Transportation (NCDOT) must coordinate the establishment of safety targets with the Metropolitan Planning Organizations (MPO) in the state. Last year, on February 17, 2022, the WSUAMPO TAC approved a resolution of support for the safety performance

measure targets established by the State.

- In accordance with Federal guidelines, the review of progress toward meeting these goals must be tracked and recorded annually in the Highway Safety Improvement Plan (HSIP) annual report. The measures and targets identified for 2023 include:
- For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 19.57 percent from 1,494.8 (2017-2021 average) to 1,202.2 (2019-2023 average) by December 31, 2023.
- For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 20.95 percent from 1.279 (2017-2021 average) to 1.011 (2019-2023 average) by December 31, 2023.
- For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 30.19 percent from 4,903.4 (2017-2021 average) to 3,423.0 (2019-2023 average) by December 31, 2023.
- For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 31.75 percent from 4.195 (2017-2021 average) to 2.863 (2019-2023 average) by December 31, 2023.
- For the 2023 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 26.52 percent from 637.2 (2017-2021 average) to 468.2 (2019-2023 average) by December 31, 2023.
- NCDOT set the above targets for the state's Safety Performance Measures (PM) for 2023. North Carolina MPOs have 180 days (or until February 27, 2023) to either adopt the state's targets or set their own targets. The WSUAMPO will adopt the State's targets. Adoption of these targets will amend the 2045 Metropolitan Transportation Plan (MTP).
- Hunter Staszak said that NCDOT will be presenting on this item in March.

MOTION: Robert Clark

SECOND: Jeff MacIntosh

VOTE:

FOR: Unanimous

AGAINST: None

4. Consideration of the Fiscal Year 2020-2029 Metropolitan Transportation Improvement Program (MTIP) Amendments and Modifications for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO).

Presented by Hunter Staszak

- The Fiscal Year (FY) 2020-2029 Metropolitan Transportation Improvement Program (MTIP) is a comprehensive list of all transportation projects programmed for the Winston-Salem Urban Area and must be a subset of the Winston-Salem Urban Area 2045 Metropolitan Transportation Plan (MTP) and match Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) projects in the FY 2020-2029 State Transportation Improvement Program (STIP). The 2045 MTP Update was adopted by the TAC on November 19, 2020.

- The North Carolina Department of Transportation (NCDOT) regularly updates the STIP to include new projects and modify existing projects. Any STIP amendment for new statewide projects or projects within the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) triggers the amendment of the MTIP. Modifications to the STIP do not require adoption but are provided for information.
- As required by the WSUAMPO's Public Participation Policy, the amendments and modifications to the FY 2020 – 2029 MTIP were made available for public review and comment for at least thirty (30) days.

MOTION: Ken Sadler

SECOND: Michael Lane

VOTE:

FOR: Unanimous

AGAINST: None

5. Consideration of a Checklist Certifying the Winston-Salem Urban Area Metropolitan Planning Organization's (MPO) Transportation Planning Process for Fiscal Year 2023-2024

Presented by Matthew Burczyk

- The Federal Moving Ahead for Progress in the 21st Century Act (MAP-21) requires the North Carolina Department of Transportation (NCDOT) and all Metropolitan Planning Organizations (MPOs) in the state to annually certify to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) that their transportation planning processes are addressing the major issues of the urban area and are being conducted in accordance with all applicable provisions of federal law.
- To guide this self-certification process, NCDOT has provided the attached checklist. Staff has reviewed the checklist and provided a response to each of the items. Staff believes the Winston-Salem Urban Area MPO transportation planning process is adequately addressing the major issues of the urban area and is being conducted in accordance with all applicable provisions of federal law governing transportation planning.
- In the fall of 2020, the FHWA and FTA conducted a formal review of the Winston-Salem Urban Area MPO's transportation planning process and found that the process is being carried out in substantial compliance.

MOTION: Robert Clark

SECOND: Andrew Perkins

VOTE:

FOR: Unanimous

AGAINST: None

6. Consideration of Fiscal Year 2024 Congestion Mitigation and Air Quality (CMAQ) and Fiscal Year 2022 Carbon Reduction Program (CRP) Projects for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO).

Presented by Hunter Staszak

- Congestion Mitigation & Air Quality (CMAQ) is a federal program that funds transportation projects and programs in air quality nonattainment and maintenance areas to help achieve and maintain national standards for air quality pollutants. In North Carolina, North Carolina Department of Transportation (NCDOT) serves as the administrator for this program. Funding is apportioned to North Carolina based on the population in non-attainment and maintenance areas of the state and the severity of air quality problems. Carbon Reduction Program (CRP) is a federal program that funds projects that reduce on-road emissions of carbon dioxide.
- NCDOT announced the release of federal CMAQ funds for the Winston-Salem Urban Area MPO for Fiscal Year 2024. The funds are eligible to be programmed for projects in Fiscal Year 2024, which runs from October 1, 2023 through September 30, 2024. NCDOT allocated \$1,870,990 to WSUAMPO for Fiscal Year 2024. In July 2022, WSUAMPO received notice from NCDOT of a Carbon Reduction Program allocation of \$875,770 for Fiscal Year 2022.
- Five (5) candidate projects totaling \$3,442,333 were submitted for funding consideration during the call for projects. In keeping with previous years' practices, WSUAMPO selects the projects that will result in the highest daily emissions reductions totals as estimated by the Forsyth County Office of Environmental Assistance and Protection. Due to project requests exceeding the amount of available funds, not every project is able to receive full funding. The following recommendations are made in order of their daily emissions reduction estimates. Due to the withdrawal of the top ranked project, all projects are now fully funded.
- City of Winston-Salem, requesting \$784,000 for Cloverdale Avenue Pedestrian Improvements. This project was withdrawn and is no longer recommended for funding.
- Town of Lewisville, requesting \$1,051,733 for Shallowford Road Sidewalk. Full funding in the amount of \$1,051,733 is recommended.
- Town of Wallburg (submitted by NCDOT Division 9), requesting \$1,296,800 for the NC-109 Traffic Signal and Turn Lane Project. Full funding in the amount of \$1,296,800 is recommended.
- Village of Clemmons, requesting \$172,800 for Public Works Electric Vehicle and Equipment Purchase. Full funding in the amount of \$172,800 is recommended.
- Village of Clemmons, requesting \$201,000 for the Installation of a Stoplight at Holder Road and Lewisville-Clemmons Road. Full funding in the amount of \$201,000 is recommended.
- The funding source recommendations in the enclosed table are based on project milestones and other information provided by applicants along with program obligation requirements and the amount of funding available under each program. The specific funding source designated to a project may be subject to change following consultation with NCDOT, but the recommended projects and overall funding amounts will remain.
- The Office of Environmental Assistance & Protection evaluated all projects to determine

the daily pollutant reduction in kilograms. The Office of Environmental Assistance & Protection uses series of computer models that estimate the average emissions for different types of highway vehicles. The vehicle emission factors, projected number of vehicles a project will remove from the network, and dynamics are used to determine the annual emissions reduction. The recommended projects are projected to yield a daily reduction in pollution ranging from 14.1 kilograms to 167.8 kilograms per day

- Hunter Staszak stated with the withdrawal of a project, we are now able to fully fund all projects applied for as indicated in the table below. Those recommendations include full funding in the amount of \$1,051,733 to the Town of Lewisville for Shallowford Road Sidewalk Improvements, \$1,296,800 for the NC-109 Turn Lane and Signal Project in Wallburg, \$172,800 for Clemmons Public Works Department Purchase of Electric Vehicles and Equipment, and \$201,000 for the Installation of the Stoplight at Holder Road and Lewisville-Clemmons Road. The only modification since our last meeting was an amended funding request from Clemmons on the EV and Equipment Purchase, requesting funding for an additional truck in light of the remaining funding available. Their emissions analysis was modified accordingly.

MOTION: Andrew Perkins

SECOND: Ken Sadler

VOTE:

FOR: Unanimous

AGAINST: None

Information Items for Future Action

7. Review of the Fiscal Year 2020-2029 Metropolitan Transportation Improvement Program (MTIP) Amendments and Modifications for the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO).

Presented by Hunter Staszak

- The Fiscal Year (FY) 2020-2029 Metropolitan Transportation Improvement Program (MTIP) is a comprehensive list of all transportation projects programmed for the Winston-Salem Urban Area and must be a subset of the Winston-Salem Urban Area 2045 Metropolitan Transportation Plan (MTP) and match Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) projects in the FY 2020-2029 State Transportation Improvement Program (STIP). The 2045 MTP Update was adopted by the TAC on November 19, 2020.
- The North Carolina Department of Transportation (NCDOT) regularly updates the STIP to include new projects and modify existing projects. Any STIP amendment for new statewide projects or projects within the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) triggers the amendment of the MTIP. Modifications to the STIP do not require adoption but are provided for information.

- As required by the WSUAMPO’s Public Participation Policy, the amendments and modifications to the FY 2020 – 2029 MTIP were made available for public review and comment for at least thirty (30) days.
- 8. Review of Targets for Performance Measure Rule 2 (Pavement and Bridge Condition) and Performance Measure Rule 3 (System Performance, Freight, and CMAQ) Established by the North Carolina Department of Transportation (NCDOT) and Amending the 2045 Metropolitan Transportation Plan (MTP).**

Presented by Hunter Staszak

- Per federal regulation (23 CFR Part 490), States are required to set targets for interstate and non-interstate National Highway System (NHS) pavement condition, NHS bridge condition, travel time reliability, freight reliability, and emissions reductions. Within 180 days of the State establishing and reporting its targets to FHWA, MPOs must either adopt the State’s targets and agree to plan and program projects that contribute toward the accomplishment of the State’s targets or set their own targets.
- NCDOT coordinated with all North Carolina MPOs to establish the targets for the performance measures in the tables below:

| Performance Measure | 2023 Target | 2025 Target |
|--|--|--|
| Interstate Pavement Condition (Good) | 60.0% | 62.0% |
| Interstate Pavement Condition (Poor) | 1.8% | 1.5% |
| Non-Interstate NHS Pavement Condition (Good) | 30.0% | 31.0% |
| Non-Interstate NHS Pavement Condition (Poor) | 3.5% | 3.0% |
| NHS Bridge Condition (Good) | 38.0% | 36.0% |
| NHS Bridge Condition (Poor) | 5.0% | 5.0% |
| Interstate Level of Travel Time Reliability | 75.0% | 75.0% |
| Non-Interstate NHS Level of Travel Time Reliability | 70.0% | 70.0% |
| Interstate Truck Travel Time Reliability | 1.70 | 1.70 |
| CMAQ - On-Road Emission Reduction from CMAQ Projects | VOC: 0.557 kg/day NOx: 2.229 kg/day | VOC: 1.114 kg/day NOx: 4.458 kg/day |

- NCDOT set the above targets for the state’s performance measures for Rule 2 (Pavement and Bridge Condition) and Rule 3 (System Performance, Freight, and CMAQ). MPOs must adopt targets by June 13, 2023. Adoption of these targets will amend the 2045 Metropolitan Transportation Plan. As with any amendment to the MTP, the above targets were made available for public review for a minimum of thirty (30) days.
- 9. Review of an update to the Transit Performance Measures and Targets in the Transit Asset Management (TAM) Plan for the Winston-Salem Transit Authority to**

be incorporated into the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO) 2045 Metropolitan Transportation Plan (MTP)

Presented by Matthew Duchan

- Metropolitan Planning Organizations (MPOs) are required to develop and report transit performance targets as noted in Title 23, Section 134 of the United States Code. Per the Final Rule on Transit Asset Management published by the Federal Transit Administration (FTA) on July 26, 2016, MPOs are required to coordinate with transit providers to set Transit Asset Management (TAM) performance targets and integrate these targets into their planning documents.
- On October 18, 2018, the Transportation Advisory Committee adopted the TAM plan for the Winston-Salem Transit Authority (WSTA), and it was subsequently updated in January 2020. Since 2020, the TAM Plan has met all requirements surrounding targets, measures, as well as project prioritizations. WSTA is bringing the TAM plan updates to TAC for approval so it may present its updates to FTA as part of the FY23 Triennial Review process. Also attached is a copy of a letter designating the WSTA General Manager as the Accountable Executive that is responsible for the implementation of the TAM plan for WSTA.
- Per the Winston-Salem Urban Area MPO's Public Participation Policy, amendments to the Metropolitan Transportation Plan require a 30-day comment period, which will be held from February 13, 2023, to March 15, 2023; and a public hearing will be held during the March 16, 2023 Transportation Advisory Committee meeting.

Staff Reports

10. MPO Staff Reports

a. NCDOT Division 9 Transportation Projects Update

No questions for staff.

b. WSUAMPO Transportation Project Update

No questions for staff.

c. NCDOT Transportation Planning Update

No questions for staff.

d. NCDOT Integrated Mobility Division

No questions for staff.

e. FHWA Update

No questions for staff.

f. Piedmont Triad Regional Council of Governments Update

No questions for staff.

g. Forsyth County OEAP Air Quality Update

No questions for staff

h. Bicycle and Pedestrian Facilities Projects Update

No questions for staff.

i. Winston-Salem Transit Authority (WSTA) Update

No questions for staff.

j. Piedmont Authority for Regional Transportation (PART) Update

No questions for staff.

k. Davidson County Transportation (DCT)

No questions for staff.

l. Title VI Compliance Update

No questions for staff.

m. MPO Calendar of Activities

No questions for staff.

n. Ethics Liaison

- Kelly Garvin reminded members that ethic forms for TAC members are due by April 17, 2023.
- Commissioner Dan Besse addressed the members and stated that he had been newly appointed as the representative for Forsyth County.
- Vice Chairman Denise Adams welcomed Mr. Dan Besse back to the TAC and stated that we are glad to have him.

11. Next Meeting/Adjourn Meeting (Vice Chairman Denise Adams)

- Next TAC meeting will be March 16, 2023.

ADJOURNMENT: 4:46 pm