

Agenda

9:00 A.M. | Small Assembly Room
City County Building, Knoxville, TN

1 Call to Order

- a. Determination of a Quorum
- b. Introductions
- c. Introduction of Zoom Participants
- d. Amendments to the Agenda
- e. List of Commonly Used Acronyms attached as last page

2 Motion to Approve April 12, 2022 TPO Technical Committee Minutes

Presenter: Harold Cannon, Vice Chair

Item Summary: Approval of the April 12, 2022, TPO Technical Committee Minutes.

Attachment #1: Draft April 12, 2022, TPO Technical Committee Minutes

3 Motion to Recommend Approval of a Resolution Adopting Amendments to the FY 2020-2023 Transportation Improvement Program (TIP), Air Quality Conformity Report and Certifying that the Metropolitan Planning Process is being Followed to the Executive Board

Presenter: Craig Luebke, TPO Staff

Item Summary: Locally requested amendments for one (1) air quality non-exempt project and one (1) air quality exempt project.

STAFF RECOMMENDS APPROVAL

Attachment #2A: Draft TIP Amendment Resolution

Attachment #2B: Draft Metropolitan Planning Process Self-Certification

Attachment #2C: Draft Air Quality Conformity Report

Attachment #2D: Draft Amendment 20-2014-038 (Washington Pike) - Amend project to revise the project description and update the Right of Way cost estimate and total project cost. The project description is revised to "Widen from 2-lanes to 3/4-lanes with median/center turn lane and including bike/pedestrian facilities". The ROW phase is revised from FY 2021 to FY 22 and increased to \$6,300,000 (\$5,040,000 federal L-STBG/\$1,260,000 local). A total of \$6,000,000 (\$4,800,000 federal L-STBG/\$1,200,000 local) is added to the project cost and the TIP. The total project cost is increased to \$21,146,000.

Attachment #2E: Draft Amendment 20-2020-207 (Knoxville Area Transit [KAT] Electric Bus and Charging Infrastructure Purchase) - Amend the TIP to add this exempt project in FY 2022. The project includes the purchase of four electric buses and charging infrastructure to replace buses that have met or exceeded their useful lives. The project also includes project design and electrical engineering for the charging installation. This amendment adds \$5,184,779 (\$4,147,823 federal CMAQ/\$518,478 state/\$518,478 local) to the TIP. The total project cost is increased to \$5,184,779.

4 Motion to Recommend Adoption of the Conformity Memorandum of Agreement Update to the Executive Board

Presenter: Mike Conger, TPO Staff

Item Summary: Federal transportation planning regulations require that there is an agreement in place between the state DOT and MPOs describing the process for cooperative planning and analysis of all projects in cases where an air quality nonattainment / maintenance area extends beyond the MPO planning area and includes more than one MPO, which is the case for the Knoxville Region. The current MOA between the Knoxville TPO, TDOT and LAMTPO was last updated in 2007 and staff has updated it again to reflect the most current conditions affecting air quality conformity requirements.

STAFF RECOMMENDS APPROVAL

Attachment #3A: Previous Conformity MOA from 2007

Attachment #3B: Updated Conformity MOA

5 Motion to Recommend Approval of a Resolution Adopting the Public Transit Asset Management and Safety Plan Targets to the Executive Board

Presenter: Doug Burton, TPO Staff

Item Summary: Federal requirements require transit agencies to set and MPOs to adopt performance-based planning targets dealing with Transit Asset Management (TAM) and safety. TAM concerns the management of vehicle fleets, equipment, and facilities. Each transit operator is also required to adopt a Public Transportation Agency Safety Plan (PTASP) and set safety targets. Knoxville Area Transit, Knox County CAC Transit, and the East Tennessee Human Resource Agency each prepared a PTASP and set their individual TAM and safety targets and reported them to the TPO. The TPO is required to adopt the regional TAM targets and each transit agency's individual safety targets.

STAFF RECOMMENDS APPROVAL

Attachment #4A: Transit Asset Management Plan and Transit Safety Targets Memorandum

Attachment #4B: Transit Asset Management Targets Table

Attachment #4C: Transit Agencies Safety Targets Table

Attachment #4D: Draft Resolution to the Executive Board

6 Motion to Recommend Adoption of the Congestion Mitigation and Air Quality (CMAQ) Performance Measure (PM-3) Targets to the Executive Board

Presenter: Mike Conger, TPO Staff

Item Summary: The Knoxville TPO is subject to additional performance measures under the FHWA Transportation Performance Management (TPM) requirements related to the CMAQ program entering the 2nd Performance Period from 2022-2026 due to our status as an air quality maintenance area. Specific targets in the areas of: (1) Peak Hour Excessive Delay (PHED), (2) Percent of Non-Single Occupant Vehicle (%Non-SOV) Travel and (3) Emission Reductions have been developed in conjunction with TDOT and need to be adopted by the TPO.

STAFF RECOMMENDS APPROVAL

Attachment #5A: CMAQ PM3 Targets Summary

Attachment #5B: Draft Resolution PM3 CMAQ Targets

7 Motion to Recommend Approval of the FTA Urban Area Transit Program of Projects to the Executive Board

Presenter: Doug Burton, TPO Staff

Item Summary: The Program of Projects (POP) is a list of projects, for each agency, to be funded with the Federal Transit Administration (FTA) Section 5307, 5310, and 5339 funding. FTA requires a public hearing on the POP. The POP public hearing will be at the July 27, 2022, Executive Board meeting. Staff will update the Technical Committee on the FY22 – FTA apportionments and the local distribution of funds. Because the TIP already has the Section 5307, 5310, and 5339 funding pages approved, the new funds and projects will be added through internal adjustments. Staff recommends approval of the FY22 – POP.

STAFF RECOMMENDS APPROVAL

Attachment #6A: Memorandum from City of Knoxville Mayor Kincannon on Section 5307/5339 Funding Distribution

Attachment #6B: FFY 2022 Program of Projects for FTA Section 5307, 5310, and 5339 Funding

8 Presentation on the Draft Fiscal Year 2023-2026 Transportation Improvement Plan (TIP)

Presenter: Craig Luebke, TPO Staff

Item Summary: The Transportation Improvement Program (TIP) is updated on a 3-year cycle. The new TIP covers fiscal years 2023-2026 and will supersede the current FY 2020-2023 TIP. The preliminary draft TIP has been submitted to TDOT for a 30-business day review. TDOT and subsequent federal review comments will be addressed in the final draft TIP. The draft projects list and proposed revisions to programming policies will be presented.

Attachment #7: Draft Projects List

The Draft FY 2023-2026 Transportation Improvement Plan Is available online and can be viewed here: [LINK](#)

9 Presentation on the Boyds Creek Highway (SR-338) Planning Study

Presenter: Melody Butler and Jeff Mize, CDM Smith

Item Summary: Sevier County was awarded funding by TDOT at the request of the Knoxville TPO in 2021 for a corridor planning study along Boyds Creek Highway (SR 338) in Seymour. This study provides a detailed transportation planning level analysis of Boyds Creek Highway and identifies issues and opportunities along the corridor, and provides recommendations for the County moving forward with emphasis on safety and capacity improvements.

10 Other Business

- Executive Board Meeting Wednesday, July 27, 2022, at 9 a.m. in the Main Assembly Room of the City County Building
- TPO Technical Committee Meeting, August 9, 2022. at 9 a.m. in the Small Assembly Room of the City County Building

11 Public Comment

Members of the public may address the Technical Committee with a five-minute time limitation for each person.

12 Adjournment