



This meeting will be conducted electronically via Zoom.

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1 Call to Order

- a. Determination of a Quorum
- b. Per Governor Lee's Executive Order #78, permitting virtual public meetings in response to the COVID-19 pandemic, unless I hear objection, I declare by acclamation, the Technical Committee agrees that this meeting will be conducted electronically to protect the public health.
- c. Amendments to the Agenda

2 Motion to Approve March 9, 2021 TPO Technical Committee Minutes

Presenter: Brian Boone, Chair

Item Summary: Approval of the March 9, 2021 TPO Technical Committee Minutes.

Attachment #1: Draft March 9, 2021 TPO Technical Committee Minutes

3 Motion to Recommend Approval of a Resolution to the Executive Board Adopting Mobility Plan 2045 and Air Quality Conformity Report

Presenter: Jeff Welch, TPO Staff

Item Summary: The Mobility Plan 2045 sets the overall vision and identifies specific investments for the region's transportation system over the next 20+ years. An air quality conformity determination was prepared to demonstrate that the implementation of the proposed projects included in the Plan will conform to requirements from the Clean Air Act. Staff recommends approval.

A separate email will be sent to the Technical Committee documenting the public comments that were received through the end of the public comment period of April 7, 2021. In addition, the online agenda and the Mobility Plan website will be updated on Thursday, April 8, 2021 to include the public comments.

Attachment #2: Resolution

Link: Air Quality Conformity Report Executive Summary Link to Mobility Plan 2045 Executive Summary:

<https://knoxmobility.org/home/review/draft/2021/march/summaries/Executive%20Summary%20-%20English.pdf>

Link to full text of Mobility Plan 2045 and Air Quality Conformity Report:

<https://knoxmobility.org/draft/>

4 **Motion to Recommend Approval of a Resolution to the Executive Board Adopting Amendments to the FY 2020-2023 Transportation Improvement Program and Certifying that the Metropolitan Planning Process is Being Followed**

Presenter: Craig Luebke, TPO Staff

Item Summary: TDOT and locally requested amendments for four (4) air quality exempt and two (2) air quality non-exempt projects. Five (5) of the proposed amendments are to bring the TIP into alignment with the project descriptions and funded list of projects contained in the Draft Mobility Plan 2045.

Attachment #3A: Draft TIP Amendment Resolution

Attachment #3B: Draft Metropolitan Planning Process Self-Certification

Attachment #3C: Draft Amendment 20-2011-082 – Montvale Road (SR-336) Widening – Amend project to revise the project description and update Right of Way and Construction cost estimates and total project cost. The project description is revised to include closure of SR-73 eastbound and westbound access to Highland Avenue to construct eastbound right-turn lane onto SR-336 and lengthening the westbound SR-73 left-turn lane near Highland Avenue. ROW phase costs in FY 2021 are revised to \$9,300,000 (\$7,440,000 federal S-STBG/\$1,860,000 state). CN costs in FY 2023 are revised to \$14,700,000 (\$11,760,000 federal S-STBG/\$2,940,000 state). A total of \$12,200,000 is added to the project cost (\$9,760,000 federal S-STBG/\$2,440,000 state) as well as the TIP. Additional details are revised to reflect \$600,000 total funds previously obligated to this project. The total project cost is increased to a corrected \$24,600,000.

Attachment #3D: Draft Amendment 20-2017-057 - Pellissippi Parkway (SR-162) Interchange at Oak Ridge Highway (SR-62) in Solway (IA) - Amend project to revise the project description and update several schedule elements and revise PE-Design, Right of Way and Construction cost estimates and total project cost to reflect most current estimates and Knox County contributions. The project description is revised to "Reconstruct interchange to a Single Point Urban Interchange (SPUI) and provide connection to Solway Road". PE-N costs of \$200,000 NHPP (\$160,000 federal/\$40,000 state) are revised from FY 2020 to FY 2021. State PE-D costs of \$300,000 NHPP (\$240,000 federal/\$60,000 state) are revised from FY 2020 to FY 2021. Local PE-D costs of \$473,000 (100% local) are added in FY 2021. Local ROW costs of \$2,500,000 (100% local) are added in FY 2022. Local CN costs of \$5,418,000 (100% local) are added in FY 2023. A total of \$8,391,100 is added to the project cost (100% local) as well as the TIP. Additional details are revised to reflect \$700,000 total funds previously obligated to this project. The total project cost is increased to a corrected \$30,615,000.

Attachment #3E: Draft Amendment 20-2020-011 – I-75 at Emory Road (SR-131) Interchange – Amend TIP to add this exempt project as a separate project from its parent project (TIP ID 20-2017-056). The project description is "Reconfigure interchange to a Diverging Diamond Interchange to improve capacity, safety and operations". PE-D phase costs in FY 2021 total \$814,000 (\$250,000 federal L-STBG/\$57,600 federal NHPP/\$500,000 local/\$6,400 state). This amendment adds \$814,000 (\$250,000 federal L-STBG/\$57,600 federal NHPP/\$500,000 local/\$6,400 state) to the TIP. The total project cost is \$ 11,279,000. TIP funding note: an administrative modification will subsequently be processed to remove \$341,778 total funds from TIP ID 20-2017-056.

Attachment #3F: Draft Amendment 20-2014-060 – Morganton Road Roadway Improvements – Amend project to revise description to match draft Mobility Plan 2045 - "Reconstruct 2-lane road with addition of continuous center turn lane and bicycle/pedestrian facilities". The project schedule and costs are unchanged. The total project cost remains \$9,070,690.

Attachment #3G: Draft Amendment 20-2020-206 – Knoxville Area Transit (KAT) Electric Bus In-Route Charging Infrastructure – Amend TIP to add this exempt project for construction in FY 2021. This amendment adds \$1,750,000 (\$1,400,000 federal CMAQ/\$350,000 local) to the TIP. The total project cost is \$1,750,000.

Attachment #3H: Draft Amendment 20-2020-003 – Middlebrook Pike Complete Street – Amend TIP to remove this project. The project is not included in the draft Mobility Plan 2045 fiscally constrained list of projects. This amendment removes \$2,210,000 L-STBG (\$1,768,000 federal/\$442,000 local) from the TIP.

5 **Motion to Recommend Approval to the Executive Board of Public Transit Asset Management and Safety Performance Measures**

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 approve regional TAM targets and each transit agency's individual safety targets.

Attachment #4A: Resolution

Attachment #4B: TAM and Safety Target Tables

6 **Motion to Recommend Approval to the Executive Board of an Amendment to the FY 2020-FY2021 Transportation Planning Work Program (TPWP) to add Transit Planning Funds to Conduct Three Transit Related Studies**

Presenter: Doug Burton, TPO Staff

Item Summary: TDOT has announced it selected the Knoxville urban area for a residual Section 5303/5304 transit planning grant. The TPO will hire a consultant to conduct a transit study with three parts: A Comprehensive Operational Analysis (COA) of KAT, a Transit Coordination Opportunities Study, and a Regional Transit Service Evaluation Project. The COA will examine the KAT system and help formalizing service standards, identify service gaps and additional service needs. The Transit Coordination Opportunities Study will examine ways Knox County CAC Transit, ETHRA and KAT can better coordinate. And, the Regional Transit Service Evaluation Project will be a high-level analysis of the urban area to determine what areas might merit more intense levels of transit service or how transit might better connect the region.

Attachment #5A: Draft Resolution for Transit Study Amendment TPWP

Attachment #5B: TPWP Multimodal Section as Amended

Attachment #5C: TDOT Grant Award Letter

7 Overview of Possible Changes by the Census Bureau on How an Urbanized Area is Defined

Presenter: Jeff Welch, TPO Staff

Item Summary: The U. S. Census Bureau is considering redefining how an urbanized area will be defined. Proposed changes in methodology were recently released by the census bureau and comments must be submitted on the suggested changes by May 20, 2021.

Link to Federal Register: <https://www.govinfo.gov/content/pkg/FR-2021-02-19/pdf/2021-03412.pdf>

8 Other Business

- Executive Board meeting Wednesday, April 28, 2021 at 9 a.m. This meeting may be held electronically.
- Technical Committee meeting Tuesday, May 11, 2021 at 9 a.m. This meeting may be held electronically.
- Active Knox & the TPO are hosting two virtual sessions on April 29 titled Right of Way: A Conversation About the Epidemic of Pedestrian Deaths. Our speaker will be Angie Schmitt, whose book **Right of Way** examines the trends in street design & vehicle design that are contributing to this increase, and her ideas for turning things around. Registration is limited, and two attendees will be randomly selected to receive a copy of Angie's book.
Register for the session at noon on April 29
Register for the session at 6 p.m. on April 29
- ***Making Connections***, the Statewide Active Transportation Plan, is now available for public review and comment. *Making Connections* is about action. It is the first plan focused on improving walking, bicycling, and rolling (i.e., personal mobility devices) in Tennessee since 2005. The plan document is available here: www.tn.gov/tdot/multimodal-transportation-resources/bicycle-and-pedestrian-program/statewide-active-transportation-plan/satp-comments.html. The deadline for comments is ***April 23, 2021***.
- **Pellissippi Parkway Extension Design Public Meeting** – TDOT will host a Virtual Design public meeting to gather public input on the proposed project in Blount County on SR-162 Ext. (Pellissippi Parkway), from SR-33 to SR-73 (US-321).
The virtual meeting will be open to the public at **8:00 am EST on April 15, 2021 and will close at 10:00 pm EST on April 29, 2021**. The website link is: <https://gather.cdmsmith.com/v/v8jkyAVO149>
- Overview of American Jobs Plan a \$2.3 Trillion Infrastructure Investment Strategy
Attachment #6: American Jobs Plan

9 Public Comment

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

10 Adjournment