



City County Building, Suite 403 • 400 Main Street • Knoxville, Tennessee 37902
(865) 215-2500 • www.knoxtrans.org

TPO Technical Committee

August 14, 2018

9:00 a.m.

Small Assembly Room

City County Building

Knoxville, Tennessee

AGENDA

Determination of a Quorum

1. Motion to Approve June 12, 2018 TPO Technical Committee Minutes

Presenter: Jeff Ownby, Chair

Item Summary: Approval of the June 12, 2018 TPO Technical Committee Minutes.

[Attachment #1 - Draft June 12, 2018 TPO Technical Committee Minutes](#)

2. Motion to Recommend Approval of a Resolution to Amend the FY2017-2020 Transportation Improvement Program (TIP) to the Executive Board

Presenter: Craig Luebke, TPO Staff

Item Summary: TDOT requested amendments for projects exempt from air quality conformity. Staff recommends approval.

[Attachment #2 - Draft Resolution](#)

[Attachment #2A - Amendment 17-2017-035 \(I-40 ITS Expansion\)](#) - Amend project to revise project description, increase preliminary engineering cost and add construction phase. The revised terminus is "ITS expansion from west of Exit 398 to east of Exit 407 (IA)". The revised project description is "ITS expansion to include the installation of a power and communication network and its devices such as CCTV cameras, DMS and RDS." Increase project length from 9.2 to 11.4 miles. The preliminary engineering cost increased from \$100,000 to \$450,000 (\$405,000 federal/\$45,000 state). This amendment also adds the construction phase in FY 2019 at \$5,050,000 (\$4,545,000 federal/\$505,000 state). The total project cost has increased from \$3,000,000 to \$5,500,000.

[Attachment #2B - Amendment 17-2017-050 \(I-140 ITS Expansion from near mile marker 11 \(SR-115/US-129/Alcoa Hwy\) IA\)](#) - Amend the TIP by adding this project. Project includes the installation of a power and communication network and its devices such as CCTV cameras, DMS and RDS. The project length is 9.2 miles. The FY 2019 preliminary engineering cost is \$400,000 (\$360,000 federal/\$40,000 state). The total project cost is \$4,700,000

[Attachment #2C - Amendment 17-2017-051 \(Middlebrook Pike \(SR-169\) Advanced Traffic Management System Expansion\)](#) - Amend the TIP by adding this project. Project limits are from University Avenue at College Street to Middlebrook Pike at Joe Hinton Road. The project length is 6.5 miles. The FY 2019 preliminary engineering cost is \$215,000 (\$215,000 federal/\$0 local). The FY 2020 construction cost is \$2,215,000 (\$2,215,000 federal/\$0 local). The total project cost is \$2,430,000.

[Attachment #2D - Amendment 17-2017-052 \(Clinton Traffic Signal Improvements Ph. 1\)](#) - Amend the TIP by adding this project to update the signal timing for each of the City's 15 traffic signals. The FY 2019 cost is \$150,000 (\$150,000 federal/\$0 local). The total project cost is \$150,000.

[Attachment #2E - Amendment 17-2017-053 \(Oak Ridge Signal Timing Optimization Program Ph. 2\)](#) - Amend the TIP by adding this project. Project includes connecting and improving 14 signalized intersections along Oak Ridge Turnpike (SR-95) from Illinois Avenue (SR-62) to Florida Avenue/Fairbanks Avenue, as well as along Florida Avenue for approximately 0.15 miles. The project length is 2.85 miles. The FY 2019 preliminary engineering cost is \$282,000 (\$282,000 federal/\$0 local). The FY 2020 construction cost is \$2,573,400 (\$2,573,400 federal/\$0 local). The total project cost is \$2,885,400.

[Attachment #2F - Amendment 17-2017-054 \(Knoxville Renewable Fueling Station\)](#) - Amend the TIP by adding this project. The project will upgrade a fueling terminal located at 1206 Proctor Street for use with biodiesel fuel. The FY 2019 cost is \$128,000 (\$64,000 federal/\$64,000 other/private). The total project cost is \$128,000.

[Attachment #2G - Amendment 17-2017-055 \(Knoxville and Holston River Railroad Locomotive Repower\)](#) - Amend the TIP by adding this project. The project will repower five Tier 2 locomotives to Tier 4 Emissions Standards at Near Zero Emissions. The FY 2019 cost is \$10,670,000 (\$5,335,000 federal/\$5,335,000 other/private). The total project cost is \$10,670,000.

3. Motion to Recommend Approval of an Amendment to the FY 2018/2019 Transportation Planning Organization Work Program to the Executive Board

Presenter: Jeff Welch, TPO Staff

Item Summary: For over nine months staff was not able to charge any time or direct charges to FTA Sec 5303 grant as identified in the adopted work program. As a result certain task items were charged for time and resulted in an overage in expenditures for FY 2018. This amendment adjusts several tasks to reflect a more balanced work program budget by task for FY2018. Staff is also recommending text changes to reflect the budget changes and a minor budget adjustment to two task items in FY2019. Staff recommends approval.

[Attachment #3 - Draft Resolution](#)

[Attachment #3A - Recommended Amended Budget Tables for FY2018 and FY2019](#)

[Attachment #3B - Recommended Text Changes to the FY2018/2019 Work Program](#)

4. Presentation on Pedestrian/Bicycle Crash Data Within Knox County

Presenter: Ellen Zavisca, TPO Staff

Item Summary: Staff has updated the database of reported pedestrian/bicycle crashes, and have completed the analysis of crashes in Knoxville, Farragut and Knox County through March 2018.

5. Presentation on Volkswagen Settlement: The State of Tennessee’s Proposed Beneficiary Mitigation Plan

Presenter: Mike Conger, TPO Staff

Item Summary: TN’s initial allocation based on the 2.0 and 3.0 liter partial settlements is \$45,759,914.40. Staff will present an overview of the proposed distribution plan by the Tennessee Department of Environment and Conservation (TDEC).

6. Air Quality Conformity Analysis Update

Presenter: Mike Conger, TPO Staff

Item Summary: The TPO staff is performing an air quality conformity analysis update in response to a DC Circuit Court ruling that impacted a previous Clean Air Act interpretation by EPA that air quality conformity was no longer required in the “1997 Ozone Areas” that were meeting the newer, more stringent “2008 Ozone Standard”. Staff will present a proposed updated Mobility Plan project list that includes a revised analysis year from 2022 to 2024.

[Attachment #4 - Updated 2040 Mobility Plan Project List](#)

7. Other Business

- Executive Board meeting Wednesday, August 22, 2018 at 9:00 a.m. in the Small Assembly Room of the City County Building.
- Technical Committee meeting Tuesday, September 11, 2018 at 9:00 a.m. in the Small Assembly room of the City County Building.
- TDOT has released their Multimodal Access Program 2018 Call for Projects. The TPO is tasked with recommending up to 3 applications to submit to TDOT. Total project costs for a Multimodal Access project may not exceed \$1 million dollars (\$1,000,000.00). Projects larger than \$1 million dollars should be separated into phases. Applicants may apply for additional grant funding for future phases. Successful applicants may receive up to 95% in State grant funds. Applicants are responsible for a minimum 5% local match. The applications are due to the TPO by August 27, 2018 and to TDOT by September 28, 2018, with staff recommendations coming before the Technical Committee and Executive Board at their regularly scheduled September meetings. Please contact Ellen Zavisca with any questions at 865-215-4014 or ellen.zavisca@knoxtrans.org.

8. Public Comment

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

9. Adjournment