



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

**TPO Technical Committee**  
**September 12, 2017**  
**9:00 a.m.**  
**Small Assembly Room**  
**City County Building**  
**Knoxville, Tennessee**

## **AGENDA**

### **Determination of a Quorum**

**1. Motion to Approve July 11, 2017 TPO Technical Committee Minutes**

**Presenter: Jeff Ownby, Vice Chair**

**Item Summary:** Approval of the July 11, 2017 TPO Technical Committee Minutes.

**[Attachment #1 - Draft July 11, 2017 TPO Technical Committee Minutes](#)**

**2. Election of Chair**

**Presenter: Jeff Welch, TPO Staff**

**Item Summary:** Kathryn Baldwin, now former Chair, retired from the City of Oak Ridge in July 2017. Jeff Ownby is currently serving his second term as Vice Chair.

**[Attachment # 2 - TPO Technical Committee Chairs and Vice-Chairs from 1993 to Present](#)**

**3. Motion to Recommend Approval of a Resolution to Amend the FY 2017-2020 Transportation Improvement Program (TIP)**

**Presenter: Elizabeth Watkins, TPO Staff**

**Item Summary:** A short conformity report was prepared since five of these amendments involve air quality non-exempt projects. Staff recommends approval.

**[Attachment #3 - Draft Resolution](#)**

**[Attachment #3A - Amendment 17-2017-033 \(Alcoa Hwy \(SR-115/US-129\) ITS Expansion\)](#)**

Amend the project by adding it to the TIP. This project is an ITS project on Alcoa Hwy, part of TDOT's Smartway geographic expansion. It is funded with \$30,000 NHPP (\$24,000 federal/\$6,000 state) for FY17 PE-N and \$70,000 NHPP (\$56,000 federal/\$14,000 state) for FY18 PE-D. The total project cost is \$3,000,000 and is to be managed and let to contract by TDOT.

**Attachment #3B - Amendment 17-2017-034 (I-75 ITS Expansion)**

Amend the project by adding it to the TIP. This project is an ITS project along I-75. It is funded with \$30,000 NHPP (\$27,000 federal/\$3,000 state) for FY17 PE-N and \$70,000 NHPP (\$63,000 federal/\$7,000 state) for FY18 PE-D. The total project cost is \$2,200,000 and is to be managed and let to contract by TDOT.

**Attachment #3C - Amendment 17-2017-035 (I-40 ITS Expansion)**

Amend the project by adding it to the TIP. This project is an ITS project along I-40. It is funded with \$30,000 NHPP (\$27,000 federal/\$3,000 state) for FY17 PE-N and \$70,000 NHPP (\$63,000 federal/\$7,000 state) for FY18 PE-D. The total project cost is \$3,000,000 and is to be managed and let to contract by TDOT.

**Attachment #3D - Amendment 17-2017-039 (Northshore Drive (SR-332) at Kingston Pike (SR-1) Intersection Improvements)**

Amend the project by adding it to the TIP. This project will include access management improvements, raised median, improved signal timing, and various intersection improvements. It is funded with \$300,000 NHPP (\$240,000 federal/\$60,000 state) for FY17 PE-N and \$900,000 NHPP (\$720,000 federal/\$180,000 state) for FY18 PE-D. The total project cost is \$12,300,000 and is to be managed and let to contract by TDOT.

**Attachment #3E - Amendment 17-2017-040 (Chapman Highway (SR-71/US-441) Operational and Safety Improvements)**

Amend the project by adding it to the TIP. This project will include a combination of intersection improvements, driveway improvements, left turn lanes at various locations throughout the project area. It is funded with \$1,500,000 NHPP (\$1,200,000 federal/\$300,000 state) for FY17 PE-N and \$3,000,000 NHPP (\$2,400,000 federal/\$600,000 state) for FY18 PE-D. The total project cost is \$44,700,000 and is to be managed and let to contract by TDOT.

**Attachment #3F - Amendment 17-2017-004 (J. Carmichael Greer Pedestrian Bridge)**

Amend project by withdrawing it from the TIP. The TVA determination that the bridge over the dam will be removed makes the project infeasible.

**Attachment #3G - Amendment 17-2017-024 (Old Stage Road / Kingston Pike Greenway Connector)**

Amend project by withdrawing it from the TIP. The difficult topography and discussions with impacted owners made the project infeasible. The \$542,000 (\$433,600 federal/\$108,400 local) LSTBG is transferred to Kingston Pike Sidewalk project (17-2014-010).

**Attachment #3H - Amendment 17-2014-010 (Kingston Pike Sidewalk in Farragut)**

Amend the TIP by adding \$900,000 (\$720,000 federal/\$180,000 local) of L-STBG to FY2017 construction. Of the total amount added, \$542,000 (\$433,600 federal/\$108,400 local) is transferred from the removed project 17-2014-024 (Old Stage Road/Kingston Pike Greenway Connector). The additional funds are to cover the cost overruns resulting from the need for a large retaining wall and significant traffic control costs.

**Attachment #3I - Amendment 17-2017-036 (Emory Road (SR-131))**

Amend the project by adding it to the TIP. This project will widen Emory Road (SR-131) from 2-lanes to 4-lanes with median and/or center turn lane, and including bicycle/pedestrian facilities. It is funded with \$2,000,000 S-STBG (\$1,600,000 federal/\$400,000 state) for FY17 PE-N and \$4,200,000 S-STBG (\$3,360,000 federal/\$840,000 state) for FY18 PE-D. The total project cost is \$63,000,000 and is to be managed and let to contract by TDOT.

**Attachment #3J - Amendment 17-2017-037 (Edgemoor Road (SR-170))**

Amend the project by adding it to the TIP. This project will widen Edgemoor Road (SR-170) from 2-lanes to 4-lanes with median and/or center turn lane. Also includes bicycle/pedestrian facilities and a new bridge over the Clinch River. It is funded with \$3,000,000 S-STBG (\$2,400,000 federal/\$600,000 state) for FY17 PE-N and \$5,500,000 S-STBG (\$4,400,000 federal/\$1,100,000 state) for FY18 PE-D. The total project cost is \$51,000,000 and is to be managed and let to contract by TDOT.

**Attachment #3K - Amendment 17-2017-038 (I-640/ I-275/ I-75 Interchange)**

Amend the project by adding it to the TIP. This project will include interchange reconstruction along with the addition of auxiliary lanes in each direction on I-75. It is funded with \$2,500,000 NHPP (\$2,250,000 federal/\$250,000 state) for FY17 PE-N and \$5,000,000 NHPP (\$4,500,000 federal/\$500,000 state) for FY18 PE-D. The total project cost is \$78,000,000 and is to be managed and let to contract by TDOT.

**Attachment #3L - Amendment 17-2014-004 (Alcoa Highway (SR-115 / US-129))**

Amend project by changing the project length from 3.0 miles to 2.2 miles and update the termini. Also, add \$17,326,920 (\$13,861,536 federal/\$3,465,384) NHPP to FY18 for construction. Update total project cost. The project is managed and let to contract by TDOT.

**Attachment #3M - Amendment 17-2014-003 (Alcoa Highway (SR-115 / US-129))**

Amend project by changing the project length from 3.2 miles to 2.4 miles, adding Knox to the County field, and updating termini and project description for clarification. There are no changes in funding. The project is managed and let to contract by TDOT.

**Attachment #3N - Short Conformity Report for September 2017 Knoxville Regional TPO TIP Amendment**

**4. PM2.5 Attainment Status Designation Announcement**

**Presenter: Mike Conger, TPO Staff**

**Item Summary:** Staff will provide information regarding the recent EPA final approvals of the re-designation to Attainment status for the 1997 Annual and 2006 Daily PM2.5 standards for the Knoxville Region.

**5. Presentation on TDOT Safety Performance Factors/Targets**

**Presenter: Josh Suddath, Planning Manager TDOT**

**Item Summary:** Federal regulations require states and MPO's to establish safety performance targets for five performance measures. The state DOT establishes their targets first and then the MPO's have 180 days to either: agree to support the state target or establish specific numeric targets for a safety performance measure specific to our region. TDOT will present their targets and methodology for our review.

**6. Presentation on new NTSB Safety Study: Reducing Speeding-Related Crashes Involving Passenger Vehicles**

**Presenter: Ellen Zavisca, TPO Staff**

**Item Summary:** Staff will present a summary of this new study from the National Transportation Safety Board, available online at: <https://www.nts.gov/safety/safety-studies/Documents/SS1701.pdf>

**7. Demonstration of Remix Transit Planning Software**

**Presenter: Belinda Woodiel-Brill, Knoxville Area Transit**

**Item Summary:** MPC entered into an agreement with REMIX, a software as a service transit planning platform, to assist KAT in developing and evaluating modifications to existing routes or new routes. A demonstration of the software will be presented and possible other opportunities will be explored.

**8. Other Business**

- Executive Board meeting Wednesday September 27, 2017 at 9:00 a.m. in the Small Assembly room of the City County Building.
- Technical Committee meeting Tuesday, October 10, 2017 at 9:00 a.m. in the Small Assembly room of the City County Building.

**9. Public Comment**

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

**10. Adjournment**