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(865) 215-2500 • www.knoxtrans.org

TPO Technical Committee

March 13, 2018

9:00 a.m.

Small Assembly Room

City County Building

Knoxville, Tennessee

AGENDA

Determination of a Quorum

1. Motion to Approve February 13, 2018 TPO Technical Committee Minutes

Presenter: Jeff Ownby, Chair

Item Summary: Approval of the February 13, 2018 TPO Technical Committee Minutes.

[Attachment #1 - Draft February 13, 2018 TPO Technical Committee Minutes](#)

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

Presenter: Elizabeth Watkins, TPO Staff

Item Summary: TIP amendments resulting from the Interim FY2017-2020 TIP STBG/TAP Call for Projects. All projects are exempt from air quality conformity. Staff recommends approval.

[Attachment #2 - Draft Resolution](#)

[Attachment #2A - Amendment 17-2017-207 \(Purchase KAT Vehicles - Neighborhood Service Buses\)](#) - Amend project by adding \$113,800 (\$91,040 federal/\$22,760 local) L-STBG to FY2018.

[Attachment #2B - Amendment 17-2017-210 \(KAT Bus Engine Overhauls\)](#) - Amend the TIP by adding this project. The project has \$250,000 (\$200,000 federal/\$50,000) of L-STBG programmed to FY2018 to overhaul bus engines. An engine “overhaul” is a mid-life action on a major component that enables an asset to achieve its useful life and is an FTA-eligible activity under Circular 5010.1E.

[Attachment #2C - Amendment 17-2017-211 \(Purchase Transit Passenger Amenities\)](#) - Amend the TIP by adding this project. The project has \$335,000 (\$268,000 federal/\$67,000) of L-STBG programmed to FY2018 to purchase and install passenger amenities (e.g., bus shelters, shelter pads, lighting, etc.) along transit routes.

Attachment #2D - Amendment 17-2017-212 (Knox CAC Transit Capital (Radio) Project) - Amend the TIP by adding this project. The project has \$248,500 (\$198,800 federal/\$49,700 local) of L-STBG programmed to FY2018 to replace 30 year old two-way radio communication system.

Attachment #2E - Amendment 17-2017-041 (I-75 Exit 81 Interchange Lighting Enhancement) - Amend the TIP by adding this project. The project has \$359,770 State funds in FY2018 and \$359,770 (\$287,816 federal/\$71,954 local) of L-STBG in FY2018. The project includes adding high mast lighting to Interstate 75 at Exit 81 to improve safety conditions at night and during fog events.

Attachment #2F - Amendment 17-2017-042 (Carpenters Grade Road Widening and Intersection Improvements) - Amend the TIP by adding this project. The project has \$232,900 (\$186,320 federal/\$46,580 local) of L-STBG in FY2018 for PE-N/PE-D and \$234,480 (\$187,584 federal/\$46,896 local) of L-STBG in FY2020 for ROW. The project includes reconstructing a two-lane road with addition of turn lanes and sidewalk. Construct roundabout at Peterson Lane, Cochran Road and Raulston Road intersection.

Attachment #2G - Amendment 17-2017-043 (SR 61 at SR 62 Intersection at Winter Gap) - Amend the TIP by adding this project. The project has \$15,000 (\$12,000 federal/\$3,000 local) of L-STBG in FY2018 for PE-N/PE-D and \$210,000 (\$168,000 federal/\$42,000 local) of L-STBG in FY2019 for CON. The project includes replacing outdated traffic signal equipment with modern equipment and either radar or video detection to avoid the problems with in pavement detection loops that are subject to breaking.

Attachment #2H - Amendment 17-2017-044 (Boyd's Creek Highway (SR 338) at Old Knoxville Highway Intersection Improvements) - Amend the TIP by adding this project. The project has \$75,000 (\$60,000 federal/\$15,000 local) of L-STBG in FY2018 for PE-N/PE-D and \$210,000 (\$168,000 federal/\$42,000 local) of L-STBG in FY2020 for ROW. The project includes reconfiguring the intersection to improve safety and operations through geometric layout changes, addition of turn lanes, and installation of a new traffic signal.

Attachment #2I - Amendment 17-2017-007 (Amerine Road) - Amend the TIP by removing this project. Project is being removed from the TIP at the request of the City of Maryville.

Attachment #2J - Amendment 17-2017-045 (Kingston Pike at Watt Road Intersection Improvements) - Amend the TIP by adding this project. The project has a few funding sources which include: \$35,000 (\$28,000 federal/\$7,000 local) FY2018 L-STBG for PE-N/PE-D, \$60,000 (\$48,000 federal/\$12,000 local) FY2018 L-STBG for ROW, \$250,000 in FY2019 Local funds for CON, \$275,000 (\$220,000 federal/\$55,000 local) FY2019 L-STBG for CON, and \$250,000 (\$200,000 federal/\$50,000 local) FY2019 S-STBG for CON. The project includes intersection improvements at the intersection of Kingston Pike (US 11/70) at Watt Road.

Attachment #2K - Amendment 17-2017-048 (Blount County Greenway Trail - Phase 1) - Amend the TIP by adding this project. The project has \$200,000 (\$160,000 federal/\$40,000 local) of L-STBG-TA in FY2018 for PE-N/PE-D. The project is to construct a greenway trail contained completely within US Highway 321 right-of-way from Heritage High School to Perry's Mill Parking area. It will also include additional bike access link to Old Walland Highway across Melrose Station Bridge.

Attachment #2L - Amendment 17-2017-046 (Oak Ridge Rails to Trails) - Amend the TIP by removing the project from the Transportation Alternatives grouping (17-2017-305) and making it an individual TIP project. Change the \$1,178,163 (\$942,530 federal/\$235,633 local) FY2017 L-STBG-TA to FY2019 L-STBG for ROW/CON.

[Attachment #2M - Amendment 17-2017-305 \(Transportation Alternatives Grouping\)](#) -

Amend the TIP by adding funds and removing a project from the grouping (Oak Ridge Rails to Trails 17-2017-046). Removing Oak Ridge Rails to Trails by reducing the FY2017 L-STBG-TA amount by \$1,178,163 (\$942,530 federal/\$235,633 local). Add \$100,000 (\$80,000 federal/\$20,000 local) L-STBG-TA to FY2018 to Duck Pond Walking and Bike Path in FY2018. Add \$161,188 (\$128,950 federal/\$32,238 local) L-STBG-TA to FY2018 to First Creek Greenway - Edgewood Park. Remove funding from FY2019 and FY2020 as this funding is programmed to stand alone projects in the TIP.

[Attachment #2N - Amendment 17-2017-047 \(Tazewell Pike Sidewalk\)](#) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$997,500 (\$798,000 federal/\$199,500 local) FY2020 L-STBG to FY2020 L-STBG-TA for PE-N/PE-D/ROW/CON.

[Attachment #2O - Amendment 17-2017-049 \(South Waterfront Greenway - East of Suttree\)](#) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG to FY2018 L-STBG-TA for PE-N/PE-D.

[Attachment #2P - Amendment 17-2017-308 \(Bike and Pedestrian Grouping\)](#) - Amend the TIP by removing projects (Tazewell Pike Sidewalk 17-2017-047; South Waterfront Greenway - East of Suttree 17-2017-049) from the grouping. Removing Tazewell Pike Sidewalk reduces the grouping by \$997,500 (\$798,000 federal/\$199,500 local) in FY2020 L-STBG. Removing South Waterfront Greenway - East of Suttree reduces the grouping by \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG.

[Attachment #2Q - Call for Projects Application Summary](#)

3. TDOT Pellissippi Parkway (SR-162) Traffic and Safety Update

Presenter: Nathan Vatter, Region 1 Traffic Engineer, TDOT

Item Summary: Mr. Vatter will present an overview of issues related to growth in development and associated traffic volumes and their impact on the Pellissippi Parkway corridor from I-40 to Solway. Planning for short and long term improvements to the corridor to address safety and capacity issues will also be discussed.

4. Knox County School Pedestrian Safety Improvements

Presenter: Cindy Pionke, Knox County Engineering & Public Works

Item Summary: Knox County has been investing in pedestrian safety improvements around several schools. Ms. Pionke will discuss how project locations and treatments were selected, and lessons learned from implementation.

5. Surface Transportation Block Grant (STBG) Obligations

Presenter: Jeff Welch, TPO Staff

Item Summary: Staff will review the unobligated apportionments of the STBG program made available to the Knoxville Regional TPO. Tennessee has the largest balance of MPO STBG balance in the United States. As of February 2018, Knoxville STBG balance was the lowest of the four large MPOs at \$48 million.

[Attachment # 3A - Letter from Commissioner Schroer](#)

[Attachment # 3B - MPO Project Status Report](#)

6. Other Business

- Executive Board meeting Wednesday, March 28, 2018 at 9:00 a.m. in the Small Assembly room of the City County Building.
- Technical Committee meeting Tuesday, April 10, 2018 at 9:00 a.m. in the Small Assembly room of the City County Building.
- Next Active Knox Speaker: Public event with Jana Lynott, senior strategic policy adviser for the Livable Communities Team in AARP's Public Policy Institute, will be on April 24 at Bridgewater Place. Doors open at 5:30 p.m., program begins at 6 p.m. Ms. Lynott will also give a brief presentation before the TPO Executive Board at their regular meeting on April 25.

7. Public Comment

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

8. Adjournment