



Call for Projects Application Form

Mobility Plan 2045 Goals

The following goals, developed for the 2045 Mobility Plan, will guide the selection of projects for the FY 2023 – 2026 TIP.

- | | |
|---|--|
| <ul style="list-style-type: none"> • Maintenance & Efficiency <ul style="list-style-type: none"> ○ <i>Maintain and enhance our existing infrastructure</i> • More transportation options <ul style="list-style-type: none"> ○ <i>Improve access to services and employment with bicycle, pedestrian facilities, and transit projects</i> • Congestion reduction <ul style="list-style-type: none"> ○ <i>Reduce congestion through increased efficiency, increased transportation options, and lastly, increased capacity</i> • Safety & security <ul style="list-style-type: none"> ○ <i>Reduce rates of crashes with serious injuries and fatalities; and/or reduce the region’s vulnerability to incidents and threats, including extreme weather events</i> • Health & environment <ul style="list-style-type: none"> ○ <i>Minimize negative impacts on the environment and people’s health, and increase access to active transportation/physical activity for all ages</i> | <ul style="list-style-type: none"> • Economy & freight <ul style="list-style-type: none"> ○ <i>Improve intermodal connections to help move freight, reduce delay on major freight corridors; and/or support business attraction and retention</i> • Equitable access <ul style="list-style-type: none"> ○ <i>Connect communities to services throughout the region, particularly priority populations</i> • Preservation of places <ul style="list-style-type: none"> ○ <i>Preserve the natural and cultural areas that make our region unique</i> • Local Support / Consistency with Plans (5 bonus points if local support/ 5 points subtracted if no local support) <ul style="list-style-type: none"> ○ <i>Ensure the project is consistent with or included in local, state, or other regional plans. If on a state route, the project is endorsed or supported by TDOT</i> |
|---|--|

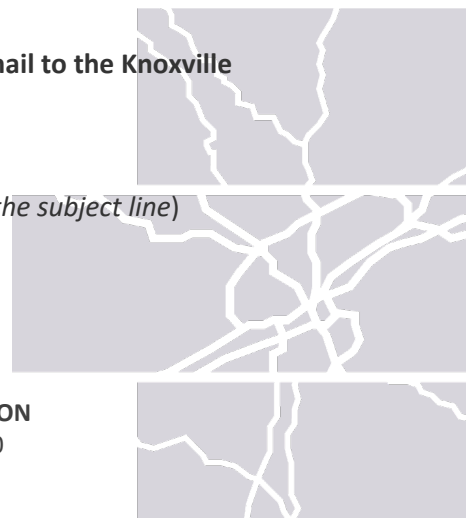
This application is for new TIP projects only. Eligible current FY 2020-2023 TIP projects are to submit the Call for Projects Rollover Form. Fiscal Year 2023 funds are available no earlier than January 1, 2023. Please read through the entire application prior to filling out any fields.

Please submit this application along with any additional supporting materials via email to the Knoxville Regional TPO.

ATTN: Craig Luebke

By e-mail: craig.luebke@knoxplanning.org (include 2023 TIP Project Application in the subject line)

DEADLINE: FRIDAY, FEBRUARY 25, 2022



PROJECT APPLICATION FORM

FY 2023 – 2026 TIP

PROJECT NAME:		
LEAD AGENCY:		
	New Project	Existing Mobility Plan Project - Enter 2045 Mobility Plan ID# Here:
COUNTIES/MUNICIPALITIES:		
FACILITY NAME:		
TERMINI (If Applicable): Include a map	FROM:	LENGTH:
	TO:	
GENERAL DESCRIPTION:		

PHASES COMPLETED (SELECT ALL THAT APPLY):

- | | |
|---|--|
| <input type="checkbox"/> PE - NEPA | <input type="checkbox"/> All ROW Acquired |
| <input type="checkbox"/> PE - Design | <input type="checkbox"/> Portion of Construction |
| <input type="checkbox"/> Partial ROW Acquired | |

PURPOSE & NEED

Utilize the box on the following page to address the purpose and need of the proposed project. Additional sheets can be attached, if necessary.

Purpose:

- The Purpose is analogous to the problem. It is the “what” of the proposal.
- The Purpose should be stated as the positive outcome that is expected.
- It should avoid stating a solution as a purpose—as in—the purpose of the project is to build a bypass. Rather, it should indicate what transportation problem(s) are being addressed.
- Where appropriate, it should be stated broadly enough so that more than one mode can be considered and multi-modal solutions are not dismissed prematurely. This should tie back to the “MPO strategy” in terms of modal options.

Need:

- Should establish the evidence that the problem exists, or will exist if projected population and planned land use growth are realized.
- Should be factually and numerically based, i.e. performance measures, latest planning assumptions, crash data, VMT, etc.
- Should support the assertion made in the purpose statement. For example, if the purpose statement is based on safety improvements, the need statement should support the assertion that there is or will be a safety problem to be corrected which would be supported by crash data/analysis.

Local Support / Consistency with Plans

Use the box below to answer the following questions.

- Is the project consistent with local, state, or other regional plans for growth and preservation (economic development, land use, natural features preservation, etc.)?
- Has the project been endorsed locally through the adoption of official instruments such as, but not limited to, a local major thoroughfare plan, transportation element of a comprehensive plan?
- If on a state route, is the project endorsed or supported by TDOT?

Please fill out one of the following Scope of Work sections: **Roadway**, **Transit**, or **Pedestrian and Bicycle**.

ROADWAY PROJECT SCOPE OF WORK

- Roadway Widening (Additional Through Lanes)
- Roadway Widening (No Additional Through Lanes)
- ITS Improvements and/or Operational
- Safety/Access improvements
- Intersection Improvements
- New Roadway / Roadway Extension
- Other _____

Land Uses Within ¼ Mile of Facility:

*Below, check boxes **at left** to indicate if these land uses are present within ¼ mile of your proposed facility. Check boxes **at right** to indicate if there will be a direct pedestrian connection between your proposed facility and the land uses. If "Some," please explain in the additional information field below.*

<input type="checkbox"/> Public park/greenway	Yes	No	Some
<input type="checkbox"/> School	Yes	No	Some
<input type="checkbox"/> Library	Yes	No	Some
<input type="checkbox"/> Transit Stop	Yes	No	Some
<input type="checkbox"/> Multifamily residential	Yes	No	Some

How are you accommodating bicyclists and pedestrians?

- | | |
|--|---|
| <input type="checkbox"/> Bicycle Lane* | <input type="checkbox"/> Sidewalk |
| <input type="checkbox"/> Ped. Refuge | <input type="checkbox"/> Ped. Indication (Signal) |
| <input type="checkbox"/> Marked Crosswalks | <input type="checkbox"/> Benches |
| <input type="checkbox"/> Greenway | <input type="checkbox"/> Bicycle Parking |
| <input type="checkbox"/> Other _____ | |

How are you accommodating transit users?

- Mixed-Traffic Transit Route
- Transit Landings or Bulb-Out
- Transit Shelters
- NA – transit service not available

* Please follow [FHWA Bikeway Selection Guide document](#)

Please utilize the box below to provide additional information about the proposed project’s scope of work. If applicable, provide the proposed cross-section, including current number of lanes, proposed number of lanes and proposed medians or center turn lanes proposed Improvements in the box below.

Roadway Project Performance Measures:

The TIP must link investment priorities to Mobility Plan targets and adopted Performance Measures. Check to indicate adopted Performance Measures (PMs) for which the project will provide a benefit.

- PM1 – Safety (# of Fatalities, Fatality Rate, Number of Serious Injuries, Serious Injury Rate, # of Non-motorized Fatalities & Serious Injuries)
- PM2 – Pavement and Infrastructure Condition (While Interstate and NHS pavement condition and NHS bridge condition are the national PM2 Measures, please note if the proposed project will provide improvements outside the Interstate/NHS systems)
- PM3 – System Performance (Non-Interstate NHS Reliability, Freight Reliability, Traffic Congestion, Emissions Reductions)

Please utilize the box below to provide additional information about the project’s impact on the selected measure(s).

TRANSIT PROJECT SCOPE OF WORK

Proposed Improvements:

- Transit Vehicle Purchase
- Facility Improvements
- Passenger Amenities
- Intelligent Transportation Systems (ITS)
- Other _____

Vehicle Use:

- Replacement
- Vanpool
- ADA Services
- Expand Vehicle Fleet
- Express Services
- Other _____

TYPE OF VEHICLE: _____

CAPACITY OF VEHICLE: _____

Please utilize the box below to provide additional information about the proposed project’s scope of work.

Transit Project Performance Measures:

The TIP must link investment priorities to Mobility Plan targets and adopted Performance Measures. Check to indicate adopted Transit Asset Management (TAM) Measures for which the project will provide a benefit.

- Transit Rolling Stock
- Transit Equipment – Non-Revenue Vehicles
- Transit Equipment – Over \$50,000/Owned
- Transit Facilities – All Buildings or Structures

Please utilize the box below to provide additional information about the project’s impact on the selected measure(s).

BICYCLE OR PEDESTRIAN PROJECT SCOPE OF WORK

Proposed Improvements:

- New Facility
- Extension/Connector
- Amenities/Upgrades
- Safety/ADA Improvements
- Safe Routes to School program
- Other _____

Type:

- Bicycle Lanes* Sidewalks
- Shared-Use Trail (Greenway)
- Education
- Other _____

Land Uses Within ¼ Mile of Facility:

Below, check boxes at left to indicate if these land uses are present within ¼ mile of your proposed facility.

<input type="checkbox"/> Public Park	Yes	No	Some
<input type="checkbox"/> School	Yes	No	Some
<input type="checkbox"/> Library	Yes	No	Some
<input type="checkbox"/> Transit Stop	Yes	No	Some
<input type="checkbox"/> Retail	Yes	No	Some
<input type="checkbox"/> Office	Yes	No	Some
<input type="checkbox"/> Residential	Yes	No	Some
<input type="checkbox"/> Other _____	Yes	No	Some

Check "Yes, No, or Some" at right to indicate if there will be a direct Bike/Ped connection between your proposed facility and these land uses. If "Some," please explain in the additional information field below.

* Please follow [FHWA Bikeway Selection Guide document](#)

Proposed Features:

- Pedestrian Refuge
- Marked Crosswalks
- Pedestrian Indication (Signal)
- Benches
- Bicycle Parking
- Other _____

Please utilize the box below to provide additional information about the proposed project's scope of work. Project must serve a transportation purpose.

FY 2023 – 2026

TRANSPORTATION IMPROVEMENT PROGRAM

Bicycle Or Pedestrian Project Performance Measures:

The TIP must link investment priorities to Mobility Plan targets and adopted Performance Measures. Check to indicate adopted Performance Measures (PMs) for which the project will provide a benefit.

- PM1 – Safety (# of Fatalities, Fatality Rate, Number of Serious Injuries, Serious Injury Rate, # of Non-motorized Fatalities & Serious Injuries)
- PM2 – Pavement and Infrastructure Condition (While Interstate and NHS pavement condition and NHS bridge condition are the national PM2 Measures, please note if the proposed project will provide improvements outside the Interstate/NHS systems)
- PM3 – System Performance (Non-Interstate NHS Reliability, Freight Reliability, Traffic Congestion, Emissions Reductions)

Please utilize the box below to provide additional information about the project’s impact on the selected measure(s).

PROJECT COSTS, FUNDING, & TIMING

BUDGET WORKSHEET:

PREVIOUSLY OBLIGATED PROJECT COSTS:

PHASE OF WORK	YEAR OBLIGATED	FEDERAL	STATE	LOCAL	OTHER/ PRIVATE	TOTAL
PE-NEPA						
PE-Design						
Right-of-Way						
Construction (Incl. CEI/TDOT ES)						
TOTAL Previously Obligated						

COST BY PHASE: REQUEST FOR FY 2023-2026 TIP

PHASE OF WORK	FISCAL YEAR	FEDERAL	STATE	LOCAL	OTHER/ PRIVATE	TOTAL
PE-NEPA						
PE-Design						
Right-of-Way						
Construction (Incl. CEI/TDOT ES)						
Transit Capital						
TOTAL						

TOTAL PROJECT COST ESTIMATE IN YEAR OF EXPENDITURE YEAR DOLLARS: \$ _____

Note: Total project cost includes previously obligated phase costs.

Source of Cost Estimate:

- Rough Planning Est.
- Planning Report
- Preliminary Eng.
- TDOT Estimator Tool
- Other _____

FY 2023 – 2026

TRANSPORTATION IMPROVEMENT PROGRAM

Are Matching Funds Available?

- YES, Funds are locally programmed
- YES, Funds will be locally programmed
- NO
- Other _____

Federal Funding Source Requested:

- Surface Transportation Block Grant (STBG)
- Surface Transportation Block Grant Transportation Alternatives (STBG-TA)

ANTICIPATED PROJECT SCHEDULE (ASSUME FUNDING IS AVAILABLE BEGINNING 1/1/2023)

Project Initiation (Month/Year): _____
PE-NEPA Obligated (Month/Year): _____
PE-Design Obligated (Month/Year): _____
ROW Obligated (Month/Year): _____
CONST Obligated (Month/Year): _____
Transit Project Obligated (Month/Year): _____

ABOUT YOU

Name: _____ E-mail: _____
Title: _____ Phone: _____
Department: _____
Agency / Organization: _____

ATTACHMENTS

Please include ALL relevant attachments with this application, including the following:

- Cost Estimate / Methodology
- Map of Project (If Applicable)
- Other: _____

PROJECT NAME: _____

PROJECT EVALUATION **FY 2023 – 2026 TIP**

WITHIN COMMUNITY AND COMMUNITY TO REGION PROJECTS

Based on significant public input gathered for the Mobility Plan 2045, projects that are considered within community (i.e. smaller in scale) are scored differently than community to region projects (i.e. larger projects). Within Community projects will support local, multimodal connections and access to community resources within a variety of community centers from large urban to rural crossroads. Community to region projects support strategic, multimodal connections between community centers and regional economic centers. Please provide as much information as you can provide in your project scope on how this project meets the following selection criteria. TPO staff will score projects using the scoring system most appropriate to the proposed project.

1. Maintenance and efficiency – Within Community 19 points/ Community to Region 19 points

- Does the project increase the useful life of an existing facility?
- Does the project address a deferred maintenance need?
- How does the project increase the efficiency of the existing transportation facility and/or network?

2. More options – Within Community 18 points/ Community to Region 17 points

- Does the project support bicycling, walking, and/or transit?
- Does the project connect major origins and destinations for walking, biking, and transit?
- Does the project address first mile/last mile connectivity for transit and pedestrians?

PROJECT NAME: _____

3. Safety and security – Within Community 16 points/ Community to Region 13 points

- Does the project address one or more safety concerns that have been identified by a local or state plan, or by the [TPO’s crash analysis](#)?
- Does the project address security or emergency response (including extreme weather events)?
- How does the project address safety for all users especially bicyclists, pedestrians and transit users?

4. Equitable access – Within Community 13 points/ Community to Region 9 points

- Does the project improve access and mobility for priority populations, including access to employment centers, community facilities, and retail, grocery, and other services? *(See map of priority population areas in project call supplementary information file.)*

5. Health and Environment – Within Community 13 points/ Community to Region 10 points

- Does the project improve air quality?
- Does this project maximize energy efficiency?
- Does this project promote increased bicycling and walking as part of daily activity?
- Does this project improve water quality and include stormwater best management practices?

PROJECT NAME: _____

6. Congestion reduction – Within Community 8 points/ Community to Region 12 points

- Does the project reduce congestion through technology (*e.g. traffic signal coordination, real-time traffic info, and emergency response*), adding transportation options or increasing capacity?

7. Preservation of Places – Within Community 9 points/ Community to Region 11 points

- Does the project have negative impacts on sensitive natural and cultural areas? If so, how are those impacts being mitigated?
- Does this project support the preferred growth concept? (*see Preferred Growth Concept map in project call supplementary information file*)

8. Economy and freight – Within Community 4 points/ Community to Region 9 points

- Does the project create a more attractive environment for business recruitment/retention?
- Does the project support travel and tourism?
- Does the project serve an employment center?
- Does the project increase the ease and safety of goods delivery and local freight movement, including the first and last mile?
- Will the project encourage people to spend money locally?