



# Fiscal Years 2022-2023 Unified Planning Work Program

PLANNING PRIORITIES AND ACTIVITIES FOR THE  
JOHNSON CITY MTPO  
FROM OCTOBER 1, 2021 TO SEPTEMBER 30, 2023

FEDERAL-AID PROJECT NUMBER SPR-PL-6M(419)  
STATE PROJECT NUMBER 90953-1049-54

This Unified Planning Work Program was developed by the Johnson City MTPO, in cooperation with:

U.S. Department of Transportation

Federal Highway Administration

Federal Transit Administration

Tennessee Department of Transportation

An electronic copy of this document can be found on our website at <https://jcmpo.org/upwp.html>.

If you need this document translated into Spanish or any other language, please contact the MPO Manager, by phone at (423) 434-6272 or email at [jcmpo@jcmpo.org](mailto:jcmpo@jcmpo.org).

Spanish Translation of the above statement:

Si usted necesita este document resumido en espanol contacta por favor al Coordinador del MTPO. Numero de telefono (423) 434-6272, correo electronico: [jcmpo@jcmpo.org](mailto:jcmpo@jcmpo.org).

The Johnson City Metropolitan Transportation Planning Organization (MTPO) ensures compliance with Title VI of the Civil Rights Act of 1964; 49 CFR, part 26; related statutes and regulations to the end that no person shall be excluded from participation in or be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance from the U.S. Department of Transportation on the grounds of race, color, sex or national origin.

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**RESOLUTION OF THE EXECUTIVE BOARD OF THE JOHNSON CITY METROPOLITAN TRANSPORTATION  
PLANNING ORGANIZATION TO APPROVE AND ADOPT  
THE FISCAL YEARS 2022-2023 UNIFIED PLANNING WORK PROGRAM**

**WHEREAS**, a comprehensive, cooperative, and continuing transportation process is to be carried out in the Johnson City Metropolitan Planning Area; and

**WHEREAS**, under federal planning guidelines, Metropolitan Planning Organizations are required to submit a Unified Planning Work Program (UPWP) that identifies the transportation planning projects and planning activities to be undertaken by local, regional, and/or state agencies for the Johnson City Metropolitan Transportation Planning Organization (MTPO) Metropolitan Planning Area (MPA) for Fiscal Years 2022-2023; and

**WHEREAS**, the various state, local and regional agencies involved with transportation planning for the Johnson City MTPO MPA have cooperatively developed a UPWP for Fiscal Years 2022-2023; and

**WHEREAS**, the staff of the Johnson City MTPO, Tennessee Department of Transportation, Federal Highway Administration and Federal Transit Administration have reviewed the Fiscal Years 2022-2023 UPWP and found it satisfies federal requirements; and

**NOW, THEREFORE, BE IT RESOLVED** the Johnson City MTPO Executive Board does hereby approve and adopt the Fiscal Years 2022-2023 UPWP.

  
Johnson City MTPO Executive Board Chair  
*for Joe Wise*

24 AUG 2021  
Date

  
Johnson City MTPO Executive Staff Chair

24 AUG 2021  
Date

## List of Abbreviations

ADA	Americans with Disabilities Act
AMPO	Association of Metropolitan Planning Organizations
CFR	Code of Federal Regulations
CPG	Consolidated Planning Grant
COOP	Continuity Of Operations Planning
EDC	Every Day Counts
EPA	Environmental Protection Agency
ETRIMS	Enhanced Tennessee Roadway Information Management System
FAST Act	Fixing America's Surface Transportation Act
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year
GIS	Geographic Information Systems
GPS	Global Positioning System
ITS	Intelligent Transportation Systems
JCT	Johnson City Transit
LRPD	Long Range Planning Division
L RTP	Long Range Transportation Plan (State)
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century Act
MOA	Memorandum of Agreement
MPA	Metropolitan Planning Area
MPO	Metropolitan Planning Organization
MTP	Metropolitan Transportation Plan
MTPO	Metropolitan Transportation Planning Organization
PEL	Planning and Environmental Linkages
PL 112	Section 112 of the Federal-Aid Highway Act of 1973 (Public Law 93-87)
PPP	Public Participation Plan
RPO	Rural Planning Organization
Sec. 5303	Title 49, United States Code, Section 5303 (Transit Planning)
SHRP	Strategic Highway Research Program
SPR	State Planning and Research Funds
TAM	Transit Asset Management
TDOT	Tennessee Department of Transportation
TIP	Transportation Improvement Program
TITAN	Tennessee Integrated Traffic Analysis Network
TNMUG	Tennessee Model Users Group (Travel Demand Model)
TPM	Transportation Performance Management
TPR	Transportation Planning Report
TSMO	Transportation System Management and Operations
UPWP	Unified Planning Work Program
USC	United States Code
U.S. DOT	United States Department of Transportation
VMT	Vehicle Miles Traveled

## Section 1 – About the UPWP

The Johnson City Metropolitan Transportation Planning Organization (MTPO) was established in 1982 when the 1980 Census identified the Johnson City Urbanized Area (urban areas with a population of at least 50,000). Federal law requires the Johnson City MTPO to conduct transportation planning activities within the Johnson City Urbanized Area in a continuous, cooperative, and comprehensive process, as defined in the following federal legislation and regulations:

- New Transportation Authorization – to be passed by Congress before October 1, 2021;
- Extended Transportation Authorization – Fixing America’s Surface Transportation (FAST) Act;
- Past Transportation Authorization – Moving Ahead for Progress in the 21st Century (MAP-21) Act;
- Metropolitan Transportation Planning – Title 23 of the United States Code (USC), Section 134;
- Formula Grant Program for Metropolitan Planning – Title 49 of the USC, Section 5303;
- Metropolitan Transportation Planning and Programming – Title 23 of the Code of Federal Regulations (CFR), Section 450; and
- Metropolitan Transportation Planning and Programming –Title 49 of the CFR, Section 613, Subpart A.

In order to carry out these duties, the Johnson City MTPO staff develops a work program in the form of a document called the Unified Planning Work Program, or UPWP as it is often referred to by transportation professionals. This two-year UPWP covers Federal Fiscal Years 2022-2023, beginning on October 1, 2021 and ending on September 30, 2023. The UPWP identifies tasks ranging from data collection tasks to plan development, ongoing administrative activities and special projects. As a result, these tasks support the **continuing, comprehensive and cooperative** planning process.

The UPWP is developed by the Johnson City MTPO staff in conjunction with its member jurisdictions, two local public transit providers, Tennessee Department of Transportation (TDOT), Federal Highway Administration (FHWA), and Federal Transit Administration (FTA). The MTPO staff announced the drafting of a new UPWP at the Executive Board meeting on December 8, 2020. As in past years, the priority of the Johnson City MTPO is to meet the federal requirements and update required documents in order to remain eligible for federal funds. This continuous process is discussed with the MTPO’s members. Unfortunately, some projects discussed with members are not feasible, due to the lack of local match funds. The main objective of the next two years is the update to two major plans – the Coordinated Public Transit-Human Services Transportation Plan and the Metropolitan Transportation Plan (MTP).

The draft UPWP is then submitted to TDOT, FHWA, and FTA for comments. Once the comments have been adequately addressed, the UPWP is recommended for adoption by the Johnson City MTPO Executive Board. The Executive Board meeting is advertised at least seven days before the meeting and the draft UPWP is placed on the MTPO’s website for review by the public. Then, the adopted UPWP is forwarded to TDOT and approved by FHWA and FTA.

## Section 2 – Planning Focus Areas of the Johnson City MTPO

The Johnson City MTPO plans to focus on four areas for the two-year period in the UPWP. The first is to maintain the MPO program to remain eligible for federal transportation funds, including the maintenance of the four main planning documents and everyday operations. The second focus is the update to the

Metropolitan Transportation Plan (MTP), which will span two years. The third focus is the update to the Coordinated Public Transit-Human Services Transportation Plan and Regional Intelligent Transportation System (ITS) Architecture and Deployment Plan. The fourth focus will be anticipating the release of new 2020 Census urbanized areas and its potential effect on the MPOs in the Tri-Cities region, along with updating the Metropolitan Planning Area boundary. These activities are explained in more detail in the Work Program in Section 9.

### Section 3 – Funding Sources

The primary funding sources to accomplish tasks identified in the UPWP is provided by two programs. First, the FHWA Section 112 Metropolitan Transportation Planning funds (PL 112) and second, the FTA Section 5303 Transit Planning funds. TDOT participates in the Consolidated Planning Grant (CPG) Program, where they receive a direct apportionment of both types of funds and combine them into a single fund administered by FHWA. The funds are distributed to the MPOs and administered by TDOT's Long Range Planning Division (LRPD) in accordance with 23 CFR 420.109. Both types of funds are distributed based on a formula. The PL 112 formula gives each MPO a base amount plus an amount based on their 2010 Census Urbanized Area population and the formula also retains a small portion for TDOT to use for the benefit of all the MPOs. The distribution formula for the 5303 funds is based on each MPO's 2010 Census Urbanized Area population. TDOT also receives an allocation of State Planning and Research Funds (SPR) from FHWA and Section 5304 transit planning funds from FTA that are available to assist MPOs and transit agencies across the state.

As with most grants, matching funds are required. The funds originating with FHWA and FTA require a 20% local match, resulting in an 80% Federal/20% match split. TDOT provides part of the match for all funds in the CPG, resulting in an 80% Federal, 5% State and 15% Local split.

**Table 1** on the next page identifies the amount of funding available to program for tasks in the UPWP for the Johnson City MTPO. Depending on the task, other funding sources may be used. If so, they are identified in the detail section of each task in the UPWP. However, it should be noted, without the FHWA PL 112 and FTA Section 5303 funds, the Johnson City MTPO would not be able to operate in its current capacity as the majority of these funds are used for its operations. The City of Johnson City provides the majority of the local matching funds, with other jurisdictions contributing the match for projects specific to their locale.

**Table 1 – Transportation Planning Funding Programs**

<b>Estimated Allocations from Funding Sources</b>	<b>Federal Amount</b>	<b>State Amount</b>	<b>Local Amount</b>	<b>Total of all Sources</b>
<b>PL 112 FY 2019</b>	\$219,000.00	\$13,688.00	\$41,063.00	\$273,751.00
<b>PL 112 FY 2020</b>	\$240,892.00	\$15,056.00	\$45,167.00	\$301,115.00
<b>Sec. 5303 FY 2019</b>	\$52,526.20	\$3,282.89	\$9,848.66	\$65,657.75
<b>PL 112 FY 2021</b>	\$241,418.00	\$15,089.00	\$45,266.00	\$301,773.00
<b>Sec. 5303 FY 2020</b>	\$56,520.00	\$3,533.00	\$10,598.00	\$70,651.00
<b>PL 112 FY 2022</b>	\$241,418.00	\$15,089.00	\$45,266.00	\$301,773.00
<b>Sec. 5303 FY 2021</b>	\$56,520.00	\$3,533.00	\$10,598.00	\$70,651.00
<b>PL 112 FY 2023</b>	\$241,418.00	\$15,089.00	\$45,266.00	\$301,773.00
<b>Sec. 5303 FY 2022</b>	\$56,520.00	\$3,533.00	\$10,598.00	\$70,651.00
<b>Total Available for Programming</b>	<b>\$1,406,232.20</b>	<b>\$87,892.89</b>	<b>\$263,670.66</b>	<b>\$1,757,795.75</b>

*\*Please note that 5303 funds are received one year behind from the year they are allocated from FTA.*

## Section 4 – About the Johnson City MTPO

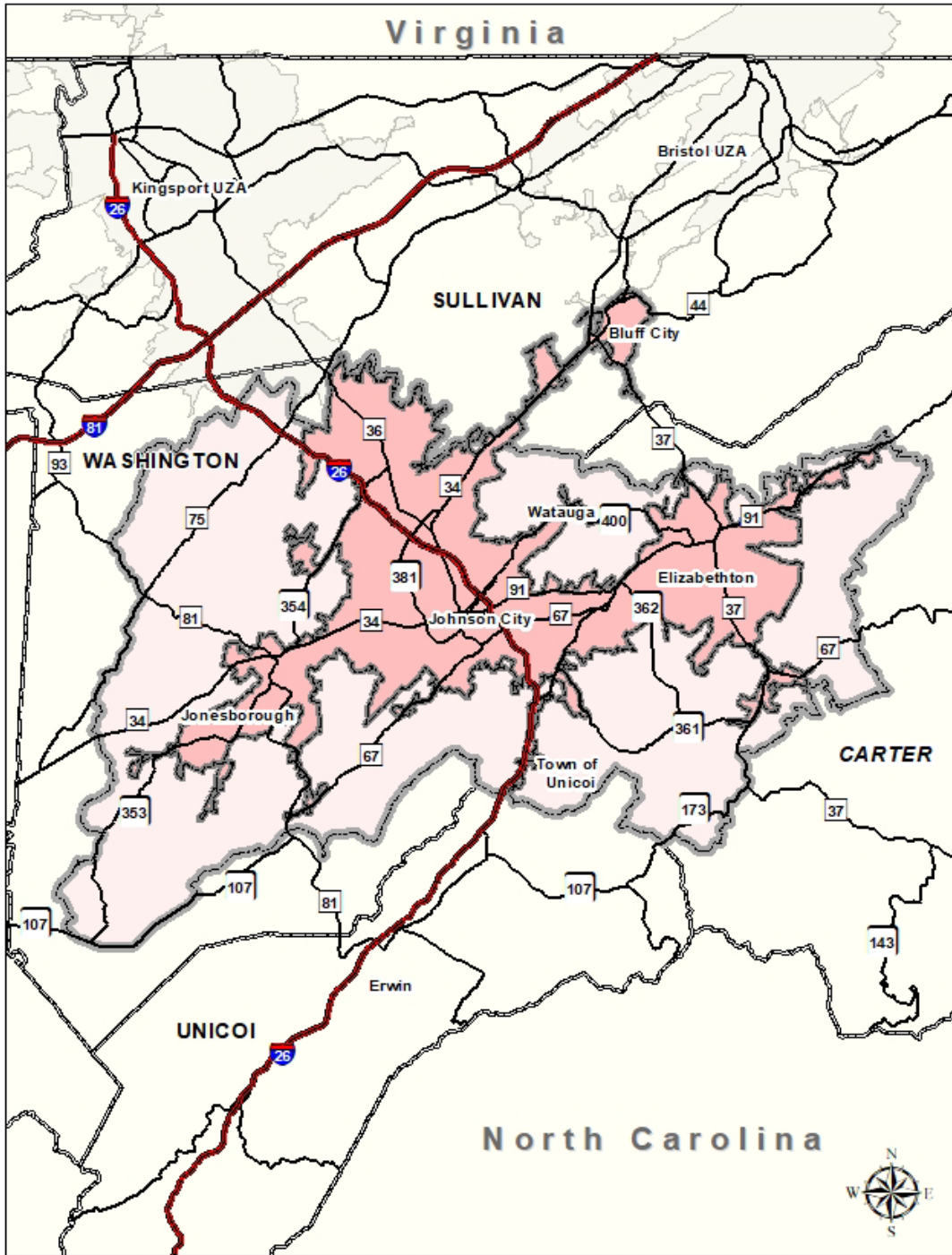
### Johnson City MTPO Metropolitan Planning Area

The Johnson City MTPO Metropolitan Planning Area (MPA) consists of the Town of Bluff City, the City of Elizabethton, the City of Johnson City, the Town of Jonesborough, a portion of the Town of Unicoi, and parts of Carter, Sullivan and Washington Counties. At a minimum, the MPA boundaries shall encompass the entire existing urbanized area (as defined by the Bureau of the Census) plus the contiguous area expected to become urbanized within a 20-year forecast period for the metropolitan transportation plan. The map in **Figure 1** on the next page shows the Johnson City MTPO Urbanized Area, as well as the MPA boundaries for the Johnson City MTPO. The current boundary was adopted by the Johnson City MTPO Executive Board at its meeting on October 9, 2014 and approved by the Governor of the State of Tennessee on December 17, 2014.








Figure 1

# Johnson City MTPO MPA Boundary



**Legend**

-  Johnson City 2010 Urbanized Area - Smoothed
-  Interstate
-  Johnson City MTPO MPA Boundary - October 2014
-  State Routes
-  County Boundaries

0 1.25 2.5 5 7.5 10  
Miles

SCALE 1:400,000

## Organizational Structure

The Johnson City MTPO is organized as an Executive Board, Executive Staff and administrative staff. The Executive Board, or Policy Board, is the overall governing body for the Johnson City MTPO and is supported by the Executive Staff and the Johnson City MTPO administrative staff.

### Executive Board

The Executive Board is the governing body of the Johnson City MTPO and has the authority to adopt plans, programs, and policies. The Executive Board includes the top elected officials from the member jurisdictions.

- Mayor of the City of Johnson City – Executive Board Chairman
- Mayor of the City of Elizabethton – Member
- Mayor of the Town of Bluff City - Member
- Mayor of the Town of Jonesborough – Member
- Mayor of the Town of Unicoi – Member
- Mayor of Carter County – Member
- Mayor of Washington County – Member
- Governor of Tennessee – Member
- Tennessee County Highway Officials Association – Chosen Representative – Member

Members of the Executive Board may designate a representative to serve on the board in their absence. Due to the duties and responsibilities of their office, the Governor of Tennessee usually sends a representative to meetings on their behalf.

### Executive Staff

The Executive Staff is responsible for providing guidance in the development of work programs and budgetary allocations for MTPO programs and planning projects in the Johnson City MPA. Executive Board members, the chief elected officials of each jurisdiction, are responsible for overall policy direction and makes recommendations to the Executive Board.

- City Manager, City of Johnson City – Executive Staff Chairman
- City Manager, City of Elizabethton – Member
- City Manager, Town of Bluff City – Member
- Administrator, Town of Jonesborough – Member
- Town Recorder, Town of Unicoi – Member
- Highway Superintendent, Carter County – Member
- Highway Superintendent, Washington County – Member
- Johnson City Transit (JCT) – Member
- First Tennessee Development District – Member
- TDOT – Member

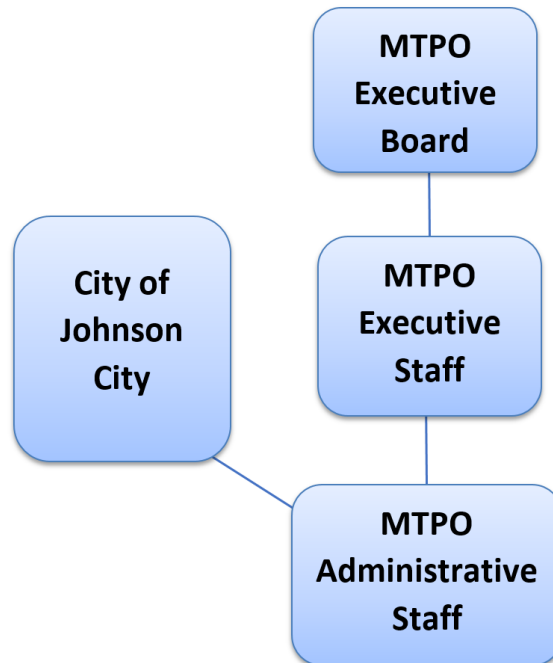
FHWA and FTA are non-voting members of the Executive Staff. When necessary, the Executive Staff can assign tasks to other employees of their agency to assist with transportation projects.

### Administrative Staff

The administrative staff of the Johnson City MTPO is housed as a division of the City of Johnson City. As required by federal law, the Johnson City MTPO is still responsible for coordinating transportation planning activities for all its member jurisdictions, as shown in **Figure 2** below. The administrative staff is also responsible for ongoing administration and day-to-day operations for the Johnson City MTPO.

**Figure 2**

**Johnson City MTPO Organizational Chart**



### Section 5 – Public Participation

In accordance with the Johnson City MTPO Public Participation Plan (PPP), after TDOT, FHWA and FTA have reviewed the UPWP, the draft is made available on the Johnson City MTPO website at <https://jcmpo.org/upwp.html> for public review. The UPWP is reviewed and discussed at meetings of the Johnson City Executive Board and Executive Staff and adopted by the Executive Board. The Executive Board meeting is advertised at least seven days in advance. Any comments made are recorded and addressed before the UPWP is adopted. The final document is available on the website and copies are available at the MTPO administrative offices.

### Section 6 – Amendments and Administrative Modifications

The UPWP can be modified or amended throughout the year if needed. Before an amendment to the UPWP is final, the amendment is placed on the Johnson City MTPO Executive Board agenda for their approval and adoption. The adopted amendment is then forwarded to TDOT and officially reviewed and approved by FHWA and FTA. An administrative modification is sent directly to TDOT and forwarded to FHWA and FTA for their files.

Changes that require an amendment include:

- Addition of funding to the UPWP;
- Modifying the scope of the UPWP;
- Change in the lead agency (e.g. MPO, State, public transportation operator, local government, or consultant/partner) that will perform work in the UPWP;
- Inclusion of costs that require prior written approval; and
- Change in the approved matching rate and source.

All other changes may be performed by administrative modification.

## Section 7 – Title VI / Environmental Justice / ADA

The Johnson City MTPO will continue to advocate for the fair treatment and meaningful involvement of all people regardless of race, color, national origin, sex, income, and disability. The Johnson City MTPO maintains an active Title VI program which is reviewed by the TDOT Civil Rights Office on a triennial basis. The most recent Title VI program can be found on the website at <https://jcmppo.org/titlevi.html>. The program will be updated per TDOT’s schedule. The webpage currently provides contact information for the Title VI coordinator, along with forms for the complaint process. All projects using federal highway and transit funds for the Johnson City MTPO comply with Title VI, Environmental Justice and the Americans with Disabilities Act (ADA).

## Section 8 – Federal Planning Factors

Federal transportation legislation defines ten specific planning factors to be considered when developing transportation plans and programs in MPO areas. The planning factors are found in Title 23 of the United States Code, Section 134(h). The Johnson City MTPO will continue incorporating the ten federal planning factors into the works tasks and resulting products provided for in this UPWP. The ten planning factors are:

1. **Economic Vitality** – Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.  
*MTPO Activities:* The MTPO coordinates with the Northeast Tennessee Valley Regional Industrial Development Association and the Northeast Tennessee Regional Economic Partnership on transportation needs. The MTPO also provides assistance in obtaining traffic count data for marketing research purposes. The MTPO also supports an efficient transit system to maintain access to jobs and services in the area.
2. **System Safety** – Increase the safety of the transportation system for motorized and non-motorized users.  
*MTPO Activities:* The MTPO supports the state of Tennessee in adopting safety performance targets to reduce crashes. The MTPO also supports the transit safety performance targets. The MTPO provides assistance for local jurisdictions to submit to TDOT requests for sections of roads that need a safety audit. The MTPO also reviews crash data provided by the state for hot spots that need attention. The MTPO also encourages local jurisdictions in their continued effort to provide facilities for non-motorized users and increase their safety. The MTPO staff is also reporting any safety issues that are encountered or identified to the appropriate responsible agency.

- 3. System Security** – Increase the security of the transportation system for motorized and non-motorized users.  
*MTPO Activities:* The MTPO attends meetings with the Local Emergency Planning Committee and has ties with the Emergency Management Agency. In the past, the MTPO has partnered with the state to host incident management courses for local jurisdictions and would like to do so again.
- 4. Accessibility & Mobility** – Increase the accessibility and mobility of people and freight.  
*MTPO Activities:* The MTPO will be updating the Coordinated Public Transit-Human Services Transportation Plan to identify gaps in service provided in the area. The MTPO encourages the efforts of TDOT and local transit agencies in making FTA aware of funding issues in areas where service cross both rural and urban areas. The MTPO supports transit asset management targets that keep the system moving by maintaining assets in good condition. The MTPO also participates on the statewide Freight Advisory Committee.
- 5. Enhance Environment** – Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.  
*MTPO Activities:* The MTPO will continue to participate in the state’s efforts to provide outreach on alternative fuels, while providing feedback on the location of electric fueling stations in the area. The update to the MTP will also provide opportunities to explore the planned growth and patterns emerging in the area. The MTPO will continue to support the local jurisdictions in their efforts to provide facilities for non-motorized transportation. The MTPO also continues to monitor air quality reports in the region.
- 6. Integration and Connectivity** – Enhance the integration and connectivity of the transportation system, across and between modes throughout the metropolitan region, for people and freight.  
*MTPO Activities:* The MTPO will continue to support local jurisdictions’ efforts to improve integration and connectivity between roads, transit and bicyclists/pedestrians. The update to the MTP will analyze some of these new connections.
- 7. System Management and Operations** – Promote efficient system management and operation.  
*MTPO Activities:* The MTPO will continue to advocate for incident response improvements, such as a pilot HELP truck program during morning and evening rush hour on I-26. The MTPO will promote TDOT incident management response vehicles that help prevent secondary crashes. The MTPO will continue to review data on pavement and bridge conditions and support the state’s performance targets.
- 8. System Preservation** – Emphasize the preservation of the existing transportation system.  
*MTPO Activities:* The MTPO will continue to collect data to identify needs to preserve the overall function of the transportation system across all modes. The update to the MTP will identify specific areas with deficiencies and implement a plan to address them.
- 9. System Resiliency** – Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation.

*MTPO Activities:* The MTPO will encourage local jurisdictions and TDOT to identify infrastructure that is subject to flooding and rock/mudslides and plan for mitigation of stormwater impacts in such instances.

**10. Travel & Tourism** – Enhance travel and tourism.

*MTPO Activities:* The MTPO will continue to encourage the local jurisdictions in their efforts to improve tourism in the region, particularly in eco-tourism. Also, wayfinding is an important factor in getting visitors to their destinations, and the MTPO will continue to advocate for signage of this nature.

**Table 2** illustrates each of the planning factors and summarizes which of the work tasks address that factor.

**Table 2**  
**Summary of Planning Factors Matrix**

Planning Factors	I – Program Admin	II – Data Collection, etc.	III – Short Range Planning	IV – Long Range Planning	V – Multimodal Planning
Economic Vitality	✓	✓	✓	✓	✓
System Safety	✓	✓	✓	✓	✓
System Security	✓	✓	✓	✓	✓
Accessibility & Mobility		✓	✓	✓	✓
Enhance Environment			✓	✓	✓
Integration and Connectivity	✓	✓	✓	✓	✓
Systems Management and Operations	✓	✓	✓	✓	✓
System Preservation		✓	✓	✓	✓
System Resiliency	✓	✓	✓	✓	✓
Travel & Tourism	✓	✓	✓	✓	✓

In addition to the Federal planning factors, Tennessee has the following statewide emphasis areas:

**1. Virtual Public Involvement.**

*MTPO Activities:* The Johnson City MTPO operates as a division of the City of Johnson City, which is subject to the Tennessee Open Meetings Act. We will continue to hold meetings in-person that are open to the public. The MTPO has a long history of providing information electronically, on

our website, email and social media, and we will continue to explore ways to improve communication.

2. **Alternative Fuels.**

MTPO Activities: The MTPO will continue to participate in the state's efforts to provide outreach on alternative fuels, while providing feedback on the location of electric fueling stations in the area.

3. **Project Delivery.**

MTPO Activities: The MTPO has long been in contact with local jurisdictions, who either manage their own projects or initiate a partnership with TDOT to manage the project. When needed, the MTPO assists in coordination between the local jurisdictions, TDOT Programming Division, and Local Programs to resolve issues with the Transportation Improvement Program (TIP). The MTPO tracks the progress of projects, both in the state's PPRM system and in person by visiting the site. The MTPO will continue to advocate for local jurisdictions improving their relationship with the state's Local Programs office to keep their projects moving forward.

## Section 9 – Work Program

This section will list the tasks that are planned for the next two years and will constitute the work program for the Johnson City MTPO. Each task lists multiple subtasks, or activities, that will be used to carry out the purpose of the main task. The tasks explain who will complete the work, final products and/or deliverables, an anticipated schedule for each final product and what planning factors are addressed. Also listed for each task is a budget of federal, state and local funds.

For convenience, below is a summary table listing the core planning documents and activities, the date of their last adoption or approval and the due date of the next adoption or approval.

**Table 3**

**Summary of Core Planning Documents and Activities**

<b>Core Planning Document/ Activity</b>	<b>Date of Last Adoption/ Approval</b>	<b>Due Date of Next Adoption/ Approval</b>
<b>Metropolitan Transportation Plan (MTP)</b>	February 22, 2018	February 2023
<b>Coordinated Public Transit – Human Services Transportation Plan</b>	March 17, 2017	March 2022
<b>Transportation Improvement Program (TIP)</b>	December 20, 2019	December 2022
<b>Public Participation Plan (PPP)</b>	August 25, 2016	As appropriate
<b>Unified Planning Work Program (UPWP)</b>	August 28, 2019	August 2021
<b>Safety Performance Targets</b>	February 24, 2021	February 2022
<b>Pavement &amp; Bridge Condition Performance Targets</b>	November 14, 2018; updated February 24, 2021	November 2022
<b>System Performance &amp; Freight Performance Targets</b>	November 14, 2018; updated February 24, 2021	November 2022
<b>Transit Asset Management Performance Targets</b>	August 28, 2019	August 2022, in conjunction with MTP/TIP cycle
<b>Transit Safety Performance Targets</b>	February 24, 2021	August 2022, in conjunction with MTP/TIP Cycle



## Task I – Program Administration

**Responsible Agencies:** Johnson City MTPO, TDOT – Long Range Planning Division, Office of Local Programs, Program Development Division and the Division of Multimodal Transportation Resources, FHWA, and FTA

**Purpose:** To conduct continuing, cooperative, and comprehensive transportation planning activities consistent with the MPA’s comprehensive general plans and ensure that all transportation projects meet federal and state requirements.

**Previous Work:** This is a continuing work activity; however, the following notable undertakings were made in FY 2020-2021:

- Assisted TDOT and consultant on the multimodal corridor study on Interstate 26 by advising team on deficiencies, assisting with public outreach, and providing feedback on possible solutions;
- Submitted a triennial Title VI Program Assessment to TDOT in August 2020; and
- Developed and submitted a new two-year UPWP to cover FYs 2022-2023.

### Activities for FY 2022 and 2023

- Maintain the FYs 2022-2023 UPWP with any necessary amendments or administrative modifications;
- Develop, adopt and submit the two-year FY 2024-2025 UPWP;
- Work with TDOT and FHWA to prepare and submit financial invoices and progress reports on a quarterly basis, along with documentation for expenses;
- Prepare for and host Executive Board, Executive Staff and public meetings/workshops as needed;
- Continue to participate in sponsored trainings, workshops and/or online training courses provided by the National Highway Institute, National Transit Institute and/or other federal or state agencies to maintain proficiency in the field;
- Attend statewide monthly conference calls, quarterly meetings, annual conference and/or webinars with TDOT and MPOs;
- Attend meetings of the First Tennessee Rural Planning Organization, Washington County Local Emergency Planning Committee, and Tennessee Model Users Group;
- Attend meetings with other MPOs in the region, along with other MPOs across Tennessee and in other states, to foster a regional approach to transportation planning and share ideas;
- Maintain annual organizational membership to the Association of MPOs and attend annual conferences;
- Attend Transportation Research Board’s Annual Meeting and bi-annual Tools of the Trade Conference;
- Attend meetings with the Northeast Tennessee Valley Regional Industrial Development Association and the Northeast Tennessee Regional Economic Partnership on transportation projects that support economic development and growth in the Johnson City MTPO MPA;

- Attend other transportation-related meetings and/or conferences with pre-approval by TDOT and FHWA;
- Maintain Title VI Program and complete the next assurances for 2022 and complete and submit the next Title VI Program assessment in 2023;
- Review the metropolitan planning area boundary and submit it to the Governor for approval;
- Update and maintain any required Memorandums of Understanding and/or Agreement with other MPOs, TDOT or public transit providers;
- Coordinate with TDOT Region 1 on Traffic Incident Management activities with regional first responders to enhance safety, reduce traffic congestion, and reduce secondary traffic crashes on highways;
- Support TDOT's efforts to plan for alternative fuels and attend outreach meetings with the Tennessee Valley Authority; will continue to provide feedback on electric fueling station locations;
- Prepare and maintain Johnson City MTPO contact lists as needed, along with maintaining annual subscription of email distribution software Constant Contact;
- Relay information about meetings, agendas, and updates to all Executive Board and Executive Staff members;
- Process and execute contractual documents and grant amendments, as required;
- Submit annual reports of performance and expenditures to TDOT within 60 days after the end of the federal fiscal year;
- Update By-Laws, should the 2020 Census change the jurisdictions included in our boundary; also, should the Open Meetings Act be changed by the Tennessee General Assembly, the MTPO staff will consider updating the by-laws to incorporate changes;
- Update Continuity of Operations Plan (COOP), as needed, to ensure the continuity of essential office functions in the occurrence of a major event/emergency/disaster;
- Purchase of items including, but not limited to, meeting supplies, office supplies, desktop software, office equipment (such as computers and printers less than \$5,000), publications, and duplication services, when necessary, for day-to-day operations. Also, purchase of services, such as translation and captioning, as needed;
- Staff plans to replace borrowed obsolete furniture by purchasing new office furniture for two employees' offices (with individual pieces costing less than \$5,000); and
- The Long-Range Planning Division of TDOT will work jointly with the MPO to establish the required administrative and technical procedures and prepare contractual agreements. In addition, the Long-Range Planning Division will attend technical and policy board meetings, distribute information on federal transportation planning guidelines and requirements, conduct seminars and work sessions, review the MPO's transportation planning studies and reports, and undertake general administrative activities.

### End Products (Schedule) – FY 2022

End Product	By Whom	When
Prepare for and host Executive Board and Executive Staff meetings	Johnson City MTPO Staff	As needed Oct 1, 2021 – Sept 30, 2022
Attend meetings, trainings, workshops and conferences	Johnson City MTPO Staff	As needed Oct 1, 2019 – Sept 30, 2020
Quarterly Invoices and Progress Reports	Johnson City MTPO Staff; TDOT Staff	Oct 2021, Jan 2022, Apr 2022, July 2022
Administration and coordination for contractors preparing documents	Johnson City MTPO Staff; Contractor	Throughout FY 2022
Submit FFY 2021 annual report of performance and expenditures to TDOT	Johnson City MTPO Staff; TDOT Staff	By Nov 2021
Submit Title VI Program Assurances	Johnson City MTPO Staff; TDOT Staff	By Aug 2022

### End Products (Schedule) – FY 2023

End Product	By Whom	When
Prepare for and host Executive Board and Executive Staff meetings	Johnson City MTPO Staff	As needed Oct 1, 2022 – Sept 30, 2023
Attend meetings, trainings, workshops and conferences	Johnson City MTPO Staff	As needed Oct 1, 2022 – Sept 30, 2023
Quarterly Invoices and Progress Reports	Johnson City MTPO Staff; TDOT Staff	Oct 2022, Jan 2023, Apr 2023, July 2023
Administration and coordination for contractors preparing documents	Johnson City MTPO Staff; Contractor	Throughout FY 2023
Develop two-year FY 2024-2025 UPWP for review	Johnson City MTPO Staff; TDOT Staff; FHWA/FTA Staff	By April 2023
Submit FFY 2022 annual report of performance and expenditures to TDOT	Johnson City MTPO Staff; TDOT Staff	By Nov 2022
Adopt and submit two-year FY 2024-2025 UPWP	Johnson City MTPO Staff; TDOT Staff; FHWA/FTA Staff	By Aug 2023
Submit Title VI Program Assessment	Johnson City MTPO Staff; TDOT Staff	By Aug 2023
Review the metropolitan area boundary for updates and submit to the Governor for approval	Johnson City MTPO Staff; TDOT Staff	By Oct 2023

**Planning Factors Considered:** This task considers seven of the ten FAST Act Planning Factors, as shown in **Table 2** on page 12 while conducting administrative activities, and noted with individual activities, which are Economic Vitality, System Safety, System Security, Integration and Connectivity, System Management and Operations, System Resiliency, and Travel and Tourism.

**Budget and Funding Source**

<b>Task I – Program Administration – FY 2022 and FY 2023</b>			
<b>CPG Federal Funds</b>	<b>TDOT Match</b>	<b>Local Match</b>	<b>Task I Total</b>
\$240,000	\$15,000	\$45,000	\$300,000

## Task II – Data Collection, Maintenance and Analysis

**Responsible Agencies:** Johnson City MTPO, TDOT – Long Range Planning Division

**Purpose:** To collect and maintain an inventory of transportation, traffic, safety, demographic, and land-use data and analyze it as it relates to the update of the MTP and other various plans, programs and studies. Data and information is also disseminated to the public by way of the Johnson City MTPO website.

**Previous Work:** This is a continuing work activity; however, the following notable undertakings were made in FY 2020-2021:

- Maintained Esri GIS Enterprise license, in cooperation with the City of Johnson City, and purchased additional specialty add-ons; also maintained TransCAD license;
- Maintained the Johnson City MTPO website with all documents, meetings, public notices, and upcoming events for public viewing;
- Maintained social media with public notices;
- Discussed potential locations for bicyclist and pedestrian counters through the TDOT Active Transportation Counts program;
- Johnson City MTPO supported the TDOT Safety targets for 2016-2020 and 2017-2021;
- Regional TAM performance targets were adopted by the Executive Board in August 2019;
- Public transit providers shared their TAM performance targets for FY 2021 in June 2020 and for FY 2022 in June 2021;
- Transit agencies' safety targets were adopted by the Executive Board in February 2021;
- TDOT updated their 4-year targets on some PM2 and PM3 performance measures and the Johnson City MTPO supported those updated targets in February 2021;
- TDOT collected traffic volume data throughout the Johnson City MTPO MPA; and
- TDOT is also maintaining crash data in the E-TRIMS website.

### Activities for FY 2022 - 2023

- Work with TDOT to adopt safety performance targets for the five-year periods of 2018-2022 and 2019-2023;
- Work with TDOT and public transit providers to receive Transit Asset Management (TAM) targets for FY 2023 and 2024;
- Work with TDOT and public transit providers to receive transit safety targets as part of their Transportation Public Agency Safety Plans for FY 2023 and 2024;
- Review the new 2020 urbanized area delineations after the Census Bureau has published them and adjust the MPO program as appropriate;
- In conjunction with the update to the MTP, the MTPO Staff and the Contractor will update the Travel Demand Model to current TDOT standards and submit it for approval;
- Maintain the database for TransCAD model, which includes economic, population and socioeconomic data, for the future update of the MTP – this would include purchase of databases, such as ReferenceUSA and Woods & Poole data, if available;

- Receive transit data collection and analysis, including transit patron surveys, GIS analysis, passenger trip data collected on transit vehicles, and other methods as provided from public transit providers;
- Regional traffic count information is maintained (via interactive mapping system) on the Johnson City MTPO website via a link to the TDOT statewide count information and also downloaded and shown in an interactive ArcGIS Online map;
- Although TDOT collects traffic count data at established stations, special traffic counts may be conducted by the local agencies within the Johnson City MTPO MPA, which may require the use and/or purchase of special equipment;
- Maintain the Johnson City MTPO website and social media to provide up-to-date information and enhanced access to transportation planning products for the public and Johnson City MTPO member agencies;
- Maintain licenses for existing software: TransCAD for Travel Demand Model, Esri ArcGIS products for Geographical Information Systems (GIS), Google Earth Pro, website development software and hosting, and other software packages;
- Purchases of equipment (such as external hard drives) needed by the Johnson City MTPO for storing data and for display purposes for various visualization techniques;
- Continue to work with the TDOT Active Transportation Counts program to collect counts of bicyclists and pedestrians;
- Work with TDOT to update and maintain the functional classification system for the Johnson City MTPO MPA;
- TDOT will coordinate with MPOs for statewide data acquisition purchase for the travel forecasting and other transportation planning activities;
- TDOT will continue to collect annual traffic count data at established stations;
- TDOT will conduct special traffic counts as needed for planning and design projects;
- TDOT will maintain file on crashes and furnish high hazard listings and other safety data as required; and
- Travel time studies will be conducted by TDOT, if needed, for special studies.

### End Products (Schedule) – FY 2022

End Product	By Whom	When
Purchase ReferenceUSA data subscription	Johnson City MTPO Staff	By Oct 2021
Acquire data needed for travel demand model update	Johnson City MTPO Staff	By late 2021
Adopt performance targets for safety for the five-year period of 2018-2022 and include in updated MTP and new TIP	Johnson City MTPO Staff; TDOT Staff	By Feb 2022
Acquire 2021 traffic count data from TDOT	Johnson City MTPO Staff; TDOT Staff	By Spring 2022
Review new urbanized area delineations from 2020 Census	Johnson City MTPO Staff	By Summer 2022
Adopt regional TAM and transit agencies' safety performance targets for FY 2023 and include in updated MTP and new TIP	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff; FTA Staff	By July 2022
Obtain approval of the updated Travel Demand Model	Johnson City MTPO Staff; TDOT Staff; Contractor	By Aug 2022
Purchase TransCAD license	Johnson City MTPO Staff	By Aug 2022
Submit a smoothed urbanized area boundary from 2020 Census	Johnson City MTPO Staff; TDOT Staff	By July 2022

### End Products (Schedule) – FY 2023

End Product	By Whom	When
Adopt performance targets for PM2 and PM3 for the next four-year period of 2022-2025 and include in updated MTP and new TIP	Johnson City MTPO Staff; TDOT Staff	By Nov 2022
Adopt performance targets for safety for the five-year period of 2019-2023	Johnson City MTPO Staff; TDOT Staff	By Feb 2023
Acquire 2022 traffic count data from TDOT	Johnson City MTPO Staff; TDOT Staff	By Feb 2023
Receive transit agencies' TAM and safety performance targets for FY 2024	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff; FTA Staff	By Aug 2023
Purchase TransCAD license	Johnson City MTPO Staff	By Aug 2023

**Planning Factors Considered:** This task considers nine of the ten FAST Act Planning Factors, as shown in **Table 2** on page 12 and noted with individual activities, while collecting and analyzing data, which are Economic Vitality, System Safety, System Security, Accessibility and Mobility, Integration and Connectivity, System Management and Operations, System Preservation, System Resiliency, and Travel and Tourism.

**Budget and Funding Source**

<b>Task II – Data Collection, Maintenance and Analysis – FY 2022 and FY 2023</b>			
<b>CPG Federal Funds</b>	<b>TDOT Match</b>	<b>Local Match</b>	<b>Task II Total</b>
\$80,000	\$65,000	\$15,000	\$100,000



## Task III – Short Range Planning

**Responsible Agency:** Johnson City MTPO, Public Transit Providers

**Purpose:** Develop short-range transportation plans which address immediate transportation needs of the MPO communities, particularly a fiscally constrained Transportation Improvement Program (TIP).

### Previous Work:

- Administrative modifications and amendments were completed as needed to the FY 2020-2023 TIP;
- Volunteered as users to test and roll out the new eSTIP software by TDOT IT staff;
- Annual Listing of Obligated Projects for FY 2019 was made available to the public; and
- Annual Listing of Obligated Projects for FY 2020 was made available to the public.

### Activities for FY 2022 – 2023

- Maintain the accuracy of the FY 2020-2023 TIP through amendments and administrative modifications when necessary while remaining fiscally constrained;
- Continue to communicate with the TDOT Office of Local Programs for the implementation of projects as they relate to the TIP with member jurisdictions;
- Maintain the MTPO's electronic TIP for the public with quarterly federal obligations, when received from TDOT;
- Use and maintain the new eSTIP software to process amendments and administrative modifications;
- Publish the FY 2021 and FY 2022 Annual Listing of Obligated Projects;
- Issue a Call for Projects to jurisdictions to begin drafting the new FYs 2023-2026 TIP;
- Projects in the current TIP will need to be analyzed for inclusion in the new TIP;
- The draft FY 2023-2026 TIP will be submitted for state and federal review;
- After comments are resolved, the draft TIP will be posted for public comment;
- The FY 2023-2026 TIP will be adopted; and
- The TDOT Office of Local Programs will coordinate, review and assist the Johnson City MTPO in maintenance of the TIP as it relates to the successful implementation and deployment of local projects. The Office of Local Programs will coordinate projects with FHWA on behalf of the Johnson City MTPO and participate in Johnson City MTPO meetings.

## End Products (Schedule) – FY 2022

End Products	By Whom	When
Maintain the current TIP with amendments and administrative modifications	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff; FHWA/FTA Staff	As Needed
Issue a Call for Projects to jurisdictions to begin drafting the new FYs 2023-2026 TIP	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff	By Oct/Nov 2021
FY 2021 Annual Listing of Obligated Projects will be made available	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff	By Nov/Dec 2021
Analyze projects in the current TIP for inclusion in the new TIP	Johnson City MTPO Staff; TDOT Staff	By Spring 2022
Finalize draft of new FY 2023-2026 TIP	Johnson City MTPO Staff	By May/June 2022
Complete the state and federal review process for the draft TIP	Johnson City MTPO Staff; TDOT Staff; FHWA/FTA Staff	By Sept 2022

## End Products (Schedule) – FY 2023

End Products	By Whom	When
Maintain the FY 2020-2023 with amendments and administrative modifications	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff; FHWA/FTA Staff	As Needed
FY 2022 Annual Listing of Obligated Projects will be made available	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff	By Nov/Dec 2022
Adopt the FY 2023-2026 TIP	Johnson City MTPO staff; Executive Board	By Nov/Dec 2022
Maintain the FY 2023-2026 with amendments and administrative modifications	Johnson City MTPO Staff; Public Transit Providers' Staff; TDOT Staff; FHWA/FTA Staff	As Needed

**Planning Factors Considered:** All ten FAST Act Planning Factors will be considered during the development and maintenance of the TIP, and noted with individual activities, which are Economic Vitality, System Safety, System Security, Accessibility and Mobility, Enhance Environment, Integration and Connectivity, System Management and Operations, System Preservation, System Resiliency, and Travel and Tourism.

**Budget and Funding Source**

<b>Task III – Short Range Planning – FY 2022 and FY 2023</b>			
<b>CPG Federal Funds</b>	<b>TDOT Match</b>	<b>Local Match</b>	<b>Johnson City MTPO Total</b>
\$74,000	\$4,625	\$13,875	\$92,500

## Task IV – Long Range Planning

**Responsible Agencies:** Johnson City MTPO, TDOT – Long Range Planning Division

**Purpose:** To deliver comprehensive long-range transportation, freight, ITS infrastructure and public participation plans that will provide for the future transportation needs of the Johnson City MTPO MPA.

### **Previous Work:**

- Monitored the 2045 MTP;
- Partnered with TDOT to update the Johnson City Regional ITS Architecture and Deployment Plan; and
- Issued RFP/RFQ to hire a contractor to prepare the update to the 2045 MTP, then evaluated and selected the best proposer and issued a contract to the selected firm.

### **Activities for FY 2022 - 2023**

#### For the Johnson City MTPO:

- Maintain the 2045 MTP and make any necessary amendments or administrative modifications (as needed);
- Ensure all projects within the current TIP comply with the 2045 MTP;
- Attend any workshops or class that may be beneficial for updating the future MTP;
- Make any necessary updates to the current MTP for requirements issued by new transportation authorizations;
- Continue to work in partnership with TDOT in finalizing the update of the Johnson City Regional ITS Architecture and Deployment Plan that was begun in 2021;
- Check for the effectiveness of the PPP to determine if an update is needed, especially after the passage of a new transportation authorization; should the Open Meetings Act be changed by the Tennessee General Assembly, the MTPO staff will consider updating the PPP to meet the state law and any new methods of conducting public involvement (i.e. virtual tools); if and when the PPP is updated, the MTPO staff will amend the document to incorporate and note the changes, using the required process for agency review and public comment;
- The Contractor and MTPO staff will continue to progress with the update to the 2045 MTP, which was started in FY 2021;
- The public will be involved in giving comments throughout the process in updating the MTP;
- The draft MTP will begin the state and federal review process shortly before the end of FY 2022;
- The draft MTP will be adopted by the Executive Board by February 2023;
- If future air quality standards change and affect the Johnson City MTPO MPA, the Johnson City MTPO will update or develop necessary plans, models, and documents to make the Johnson City MTPO MPA air quality compliant. (Note: At this time, the Johnson City MTPO MPA is in attainment status); and
- Assist TDOT with maintaining Statewide Long Range Transportation Plan (LRTP).

### End Products (Schedule) – FY 2022

End Product	By Whom	When
Maintain 2045 MTP with amendments and modifications	Johnson City MTPO Staff	As Needed
Prepare the update to the 2045 MTP	Johnson City MTPO Staff; Contractor	Throughout 2022
Solicit public comment throughout the update process	Johnson City MTPO Staff; Contractor	Throughout 2022
Check for the effectiveness of the PPP and update if appropriate, after passage of transportation authorization	Johnson City MTPO Staff	By early 2022
Finalize draft MTP to begin the state and federal review process	Johnson City MTPO Staff; TDOT Staff; FHWA/ FTA Staff; Contractor	By Sept 2022

### End Products (Schedule) – FY 2023

End Product	By Whom	When
Maintain 2045 MTP with amendments and modifications	Johnson City MTPO Staff	As Needed
Complete the state and federal review process for the draft updated MTP	Johnson City MTPO Staff; TDOT Staff; FHWA/ FTA Staff; Contractor	By Dec 2022
Complete the public review process for the draft update MTP	Johnson City MTPO Staff; Contractor	By Jan 2023
Adopt the updated MTP	Johnson City MTPO Staff; TDOT Staff; FHWA/ FTA Staff	By Feb 2023
Maintain updated MTP with amendments and modifications	Johnson City MTPO Staff	As Needed

**Planning Factors Considered:** All ten FAST Act Planning Factors are considered when making any updates to the MTP, and noted with individual activities, which are Economic Vitality, System Safety, System Security, Accessibility and Mobility, Enhance Environment, Integration and Connectivity, System Management and Operations, System Preservation, System Resiliency, and Travel and Tourism.

**Budget and Funding Source**

<b>Task IV – Long Range Planning – FY 2022 and FY 2023</b>			
<b>CPG Federal Funds</b>	<b>TDOT Match</b>	<b>Local Match</b>	<b>Task IV Total</b>
\$240,000	\$15,000	\$45,000	\$300,000

## Task V – Multimodal Planning

**Responsible Agency:** Johnson City MTPO, Public Transit Providers, TDOT – Division of Multimodal Transportation Resources, FTA

**Purpose:** To administer funds, coordinate planning activities, and to encourage citizen knowledge and awareness of public and private transit services.

### Previous Work:

- Monitored communication with TDOT Multimodal staff on the Section 5307 funding formula for distribution of allocation to the small urbanized areas to minimize disruption to current services;
- Maintained the Coordinated Public Transit – Human Services Transportation Plan (Coordinated Plan) by sending out a newsletter to the Advisory Committee to assess progress in spring 2020;
- Updated list of community stakeholders; and
- Issued RFP/RFQ to hire a contractor to prepare the update to the Coordinated Plan, then evaluated and selected the best proposer and issued a contract to the selected firm.

### Activities for FY 2022 – 2023

- Continue to work with TDOT Multimodal staff as they provide funding to bridge the gap in providing services for urban-to-urban trips not covered by an urban transit provider and that this Critical Trips funding program will continue;
- Continue to be a stakeholder in regional transit planning meetings and discussions, including monitoring the annual distribution of Section 5307 funds to area public transit providers;
- Connect with staff of the new TDOT Office of Mobility and Accessible Transportation;
- Analyze the 2020 Census Urbanized Area delineations as they affect urban and rural transit service areas;
- Continue transit planning by assisting transit staff with TDOT and FTA invoicing, TAM planning and safety planning;
- Continue to encourage local jurisdictions to plan for bicycle and pedestrian multimodal facilities, especially when notified by TDOT to consider such facilities when repaving and improving existing roadways and constructing new projects;
- Encourage local jurisdictions to apply for grants such as Transportation Alternatives or Multimodal Access Programs to implement the construction of multimodal facilities;
- The MTPO staff will continue the update to the 2017 Coordinated Plan began in 2021;
- Multiple community stakeholder meetings will take place to prioritize strategies to meet the needs identified;
- The draft Coordinated Plan will be reviewed by the state and federal agencies;
- The public will be afforded the opportunity to comment on the draft Coordinated Plan;
- The final draft of the Coordinated Plan will be adopted by the Executive Board; and

- The Multimodal Transportation Resources Division of TDOT will administer state and federal programs regarding urban public transportation, ride-sharing, and transportation systems management. Representatives of this office will participate in MPO meetings, distribute federal transit guidelines and requirements, conduct seminars and work sessions, and review MPO studies and reports. This office will coordinate FTA Section 5307, 5310 and 5339 funding programs in Tennessee, administer TIP amendments and adjustments for projects involving FTA funding and/or public transportation activities, and review documents to ensure that transit is giving due consideration in the planning process.

### End Products (Schedule) – FY 2022

End Products	By Whom	When
Organize stakeholders’ meetings for the update to the Coordinated Plan to review and prioritize strategies identified	Johnson City MTPO Staff; Public Transit Providers’ Staff; Advisory Committee; Stakeholders; Contractor	By Fall 2021
Finalize the draft of the Plan for state and federal review process	Johnson City MTPO Staff; TDOT Staff; FHWA/ FTA Staff; Contractor	By Dec 2021
Complete the state and federal review process for the draft updated MTP	Johnson City MTPO Staff; TDOT Staff; FHWA/ FTA Staff; Contractor	By Feb 2022
Complete the public review process for the draft updated Coordinated Plan	Johnson City MTPO Staff; Contractor	By March 2022
Adopt updated Coordinated Plan	Johnson City MTPO Staff; Public Transit Providers’ Staff; Executive Board	By April 2022

### End Products (Schedule) – FY 2023

End Products	By Whom	When
Organize Advisory Committee meeting on Coordinated Plan to review priorities	Johnson City MTPO Staff; Public Transit Providers’ Staff; Advisory Committee	By Spring 2023



**Planning Factors Considered:** All ten FAST Act Planning Factors will be considered during transit planning, and noted with individual activities, which are Economic Vitality, System Safety, System Security, Accessibility and Mobility, Enhance Environment, Integration and Connectivity, System Management and Operations, System Preservation, System Resiliency, and Travel and Tourism.

**Budget and Funding Source**

<b>Task V – Multimodal Planning – FY 2022 and FY 2023</b>			
<b>CPG Federal Funds</b>	<b>TDOT Match</b>	<b>Local Match</b>	<b>Johnson City MTPO Total</b>
\$94,000	\$5,875	\$17,625	\$117,500

## Other Transportation Planning Tasks in the Johnson City MTPO MPA

Although not the responsibility of the Johnson City MTPO, there are several other transportation planning tasks that are being implemented within the Johnson City MTPO MPA:

### 1. **TDOT Road Safety Audits**

TDOT conducts, upon request of local officials, road safety audits that are intended to eliminate or alleviate safety concerns that have been identified when studying crash data and from actual field investigations. According to TDOT, road safety audits are used primarily as “quick” improvements to correct safety issues such as lack of signing or striping or to correct minor geometric deficiencies. Typically, all improvements occur within the existing right-of-way and are completed within one (1) year of the final report. The cost of each of the studies and implementations vary by multiple projects.

Estimated Cost: TDOT In-House Staff; cost of the audit is undetermined

### 2. **TDOT Transportation Planning Reports**

TDOT’s Strategic Transportation Investments Division conducts, upon request of local officials, planning studies across the state of potential transportation projects. Currently, there is a request from the Town of Jonesborough to study a potential new parkway between State Route 34/U.S. 11E (West Jackson Boulevard) and State Route 354 (Boones Creek Road).

Estimated Cost: TDOT contracts with on-call consultants; cost of the reports is unknown

### 3. **State Route 354 - Boones Creek Road Corridor Study**

This project was awarded the Urban Transportation Planning Grant by TDOT in February 2021 to study the State Route 354 corridor, which is Boones Creek Road between State Route 36 (North Roan Street) in Johnson City to State Route 34/U.S. 11E (West Jackson Boulevard) in Jonesborough. The jurisdictions of Washington County, City of Johnson City and the Town of Jonesborough are involved in this study, along with TDOT Office of Community Transportation, the Johnson City MTPO and the contractor selected to facilitate the project.

Estimated Cost: \$100,000

Budget Summary – Funding Sources

**Table 5**  
**Funding Sources- Johnson City Urbanized Area**  
**Fiscal Year 2022 and Fiscal Year 2023**

TASK	CONSOLIDATED PLANNING GRANT			TOTAL
	Federal 80%	State 5%	Local 15%	
<b>I. Program Administration</b>	\$240,000	\$15,000	\$45,000	<b>\$300,000</b>
<b>II. Data Collection</b>	\$104,000	\$6,500	\$19,500	<b>\$130,000</b>
<b>III. Short Range Planning</b>	\$74,000	\$4,625	\$13,875	<b>\$92,500</b>
<b>IV. Long Range Planning</b>	\$240,000	\$15,000	\$45,000	<b>\$300,000</b>
<b>V. Multimodal Planning</b>	\$94,000	\$5,875	\$17,625	<b>\$117,500</b>
<b>TOTAL</b>	<b>\$752,000</b>	<b>\$47,000</b>	<b>\$141,000</b>	<b>\$940,000</b>

Budget Summary – Agency Participation

**Table 6**  
**Agency Participation- Johnson City Urbanized Area**  
**Fiscal Year 2022 and Fiscal Year 2023**

<b>TASK</b>		<b>TDOT</b>	<b>MPO</b>	<b>TOTAL</b>
<b>I.</b>	<b>Program Administration</b>	\$15,000	\$285,000	<b>\$300,000</b>
<b>II.</b>	<b>Data Collection</b>	\$6,500	\$123,500	<b>\$130,000</b>
<b>III.</b>	<b>Short Range Planning</b>	\$4,625	\$87,875	<b>\$92,500</b>
<b>IV.</b>	<b>Long Range Planning</b>	\$15,000	\$285,000	<b>\$300,000</b>
<b>V.</b>	<b>Multimodal Planning</b>	\$5,875	\$111,625	<b>\$117,500</b>
	<b>TOTAL</b>	<b>\$47,000</b>	<b>\$893,000</b>	<b>\$940,000</b>

Budget Summary – Agency Participation by Funding Source

**Table 7**  
**Agency Participation by Funding Source**  
**Fiscal Year 2022 and Fiscal Year 2023**

AGENCY	CONSOLIDATED PLANNING GRANT			TOTAL
	Federal 80%	State 5%	Local 15%	
TDOT Match	\$0	\$47,000	\$0	<b>\$47,000</b>
MPO	\$752,000	\$0	\$141,000	<b>\$893,000</b>
<b>TOTAL</b>	<b>\$752,000</b>	<b>\$47,000</b>	<b>\$141,000</b>	<b>\$940,000</b>