

AGENDA
JOHNSON CITY MTPO
Executive Board / Executive Staff
Thursday, January 27, 2022 at 10:00 a.m.
Johnson City Transit Center, Training Room

- **Call to Order**
- **Item 1:** Public Input – Open to public
- **Item 2:** Approval of Minutes from the December 8, 2021 Meeting
- **Item 3:** Consider endorsement of the following items that concern the update to the Metropolitan Transportation Plan (MTP):
 - Draft Public and Stakeholder Engagement Plan;
 - Draft population and employment control totals; and
 - Draft MTP goals, objectives, and performance measures.
- **Item 4:** Other Business
- **Adjourn**

ITEM 1

Public Input

ITEM 2

Approval of the minutes from the December 8, 2021 Meeting

JOHNSON CITY MTPO
Minutes of the Executive Board and Executive Staff Meeting
Wednesday, December 8, 2021 at 11:00 a.m.
Location: Johnson City Transit Center, Training Room

Executive Board Present

M. Denis Peterson for the Honorable Mayor Joseph C. Wise, City of Johnson City, Chairman
Matthew Balogh for the Honorable Mayor Curt Alexander, City of Elizabethton
Eli Bare for the Honorable Mayor Kathy Bullen, Town of Unicoi
The Honorable Mayor Patty Woodby, Carter County
Johnny Deakins, Jr. for the Honorable Mayor Joe Grandy, Washington County
Ronda Sawyer for the Honorable Governor Bill Lee, State of Tennessee
Johnny Deakins, Jr., Tennessee County Highway Officials Association

Executive Board Not Present

The Honorable Mayor Irene Wells, Town of Bluff City
The Honorable Mayor Chuck Vest, Town of Jonesborough

Executive Staff Present

M. Denis Peterson, City of Johnson City, Chairman
Matthew Balogh for Daniel Estes, City of Elizabethton
Eli Bare for Debbie Kessler, Town of Unicoi
Kim Kreckow for Eldonna Janutolo, Johnson City Transit
Johnny Deakins, Jr., Washington County Highway Department
Ronda Sawyer, Tennessee Department of Transportation (TDOT)

Executive Staff Not Present

The Honorable Mayor Irene Wells, Town of Bluff City
Glenn Rosenoff, Town of Jonesborough
Roger Colbaugh, Carter County Highway Department
Chris Craig, First Tennessee Development District
Federal Highway Administration (FHWA)
Federal Transit Administration (FTA)

Others Attending

Glenn Berry, Johnson City MTPO
Mary Butler, Johnson City MTPO
Anthony Todd, City of Johnson City
Jon McCurry, NET Trans
Tracy Kissel, NET Trans
Randy Busler, TDOT Region 1
Jason Farmer, TDOT District 17
Steven Mott, Bristol MPO
Randy Dodson, Mattern & Craig
Jason Carder, Mattern & Craig

Summary of Motions:

- **Approved** – Minutes from August 24, 2021 meeting;
- **Approved – Resolution 2021-09** – Approved resolution to self-certify the metropolitan transportation planning process for the Johnson City MTPO;
- **Approved – Resolution 2021-10** – Approved resolution to amend the Fiscal Years 2020-2023 Transportation Improvement Program (TIP) to add Amendment 4 – a new project to improve pedestrian safety at crosswalks in downtown Johnson City for \$1 million in Fiscal Year 2022;
- **Approved – Resolution 2021-11** – Approved resolution to amend the Fiscal Years 2020-2023 Transportation Improvement Program (TIP) to add Amendment 5 – a new project to install traffic signals in various locations in Johnson City to increase safety for \$2,375,000 in Fiscal Year 2022;
- **Approved – Resolution 2021-12** – Approved resolution to support 2018-2022 Safety (PM1) Performance Targets by TDOT; and
- **Endorsed** prioritized projects for TDOT’s Three-Year Work Program.

Call to Order: Meeting called to order at 11:05 a.m. by the Acting Chairman, Mr. M. Denis “Pete” Peterson, standing in for the Honorable Mayor Joseph C. Wise. Mr. Peterson proceeded to call the meeting into order.

Agenda Item 1: Chairman Mr. Peterson asked if there was any input from the public. It was stated that there were none.

Agenda Item 2: The minutes from the August 24, 2021 meeting were reviewed.

Ms. Ronda Sawyer made a motion for the board to approve the minutes of the August 24, 2021 meeting. Mr. Peterson seconded the motion.

All approved. **Motion carried.**

Agenda Item 3: Chairman Mr. Peterson moved to Item 3, for the Executive Board to consider approval of a resolution to self-certify the metropolitan transportation planning process for the Johnson City MTPO that must accompany an amendment to the Transportation Improvement Program (TIP).

Mr. Berry provided a short explanation of the federal laws and regulations that the MTPO must follow in order to self-certify the planning process.

Mr. Johnny Deakins, Jr. made a motion for the board to approve the resolution to self-certify the metropolitan planning process. Ms. Sawyer seconded the motion.

All approved. **Motion carried.**

Agenda Item 4: Chairman Mr. Peterson moved to Item 4, for the Executive Board to consider approval of a resolution to amend the Fiscal Years 2020-2023 Transportation Improvement Program (TIP) to add Amendment 4 – a new project to improve pedestrian safety at crosswalks in downtown Johnson City for \$1 million in Fiscal Year 2022.

Mr. Berry explained that downtown is growing, adding 300 more residential units. There are more pedestrians. Part of the funding that is proposed to be allocated to this project is from the special COVID relief fund (CRRSAA) allocated to the MTPO. In addition to this funding a small portion of MTPO’s STBG funds would be used in conjunction with the CRRSAA funds, to fully cover the estimated cost. Mr. Berry stated the primary goal of this project was to improve safety for pedestrians. Mr. Peterson stated there had been several incidents involving pedestrians being hit by vehicles downtown and tragically one that resulted in a death. Mr. Deakins asked if all of these apartments were in downtown Johnson City, or did they also include those closer to ETSU. Mr. Anthony Todd responded that they were all in downtown Johnson City.

Mr. Berry also informed the Board members that there was one comment received during the public comment period from Ms. Ambre Torbett, Sullivan County Planning Director. She asked that Johnson City also consider other intersections in downtown, particularly the area on Roan Street near King Commons.

Ms. Sawyer made a motion for the board to approve the resolution to amend the Fiscal Years 2020-2023 TIP to add Amendment 4. Mr. Deakins seconded the motion.

All approved. **Motion carried.**

Agenda Item 5: Chairman Mr. Peterson moved to Item 5, for the Executive Board to consider approval of a resolution to amend the Fiscal Years 2020-2023 Transportation Improvement Program (TIP) to add Amendment 5 – a new project to install traffic signals in various locations in Johnson City for \$2,375,000 in Fiscal Year 2022.

Mr. Berry explained that Johnson City is also requesting a project to install multiple traffic signals throughout the city. Mr. Berry pointed out that the locations of each signal proposed has been added to the project page. The costs estimated for the project may seem high, but Mr. Berry said that costs for previous bids on traffic signals have been much higher than normal, so each signal is now estimated to cost \$475,000 each, for a grand total of \$2,375,000. Mr. Deakins said he appreciated the explanation and that they had seen cost for other projects go up. Mr. Berry asked Traffic Division Director, Mr. Todd if he thought by bidding multiple traffic signals as a group, that the city would get better pricing. Mr. Todd said it should.

Mr. Matthew Balogh made a motion for the board to approve the resolution to amend the Fiscal Years 2020-2023 TIP to add Amendment 5. Mr. Eli Bare seconded the motion.

All approved. **Motion carried.**

Agenda Item 6: Chairman Mr. Peterson moved to Item 6, for the Executive Board to consider approval of a resolution to support 2018-2022 Safety (PM1) Performance Targets by TDOT.

Mr. Berry stated the purpose of the safety targets, that they are set by the state and the MTPO is proposing to continue to support the state's targets. Unfortunately, crashes have went up during the pandemic, most likely due to speeding and stress. There are also concerns about pedestrian and cyclist safety. Mr. Berry informed the members that if they have concerns about any roads in their jurisdictions, that the MTPO can help assist with requesting a safety audit from TDOT.

Ms. Sawyer made a motion for the board to approve the resolution to support the Safety Performance Targets by TDOT. The Honorable Mayor Patty Woodby seconded the motion.

All approved. **Motion carried.**

Agenda Item 7: Chairman Mr. Peterson moved to Item 7, for the Executive Board to consider endorsement of prioritized projects for TDOT's Three-Year Work Program.

Mr. Berry briefly went over the history of the Knob Creek project and that the first section from Mizpah Hills to Marketplace Blvd is currently in the ROW phase, managed by Johnson City. Once this phase is finished, TDOT will take over the Construction phase of this section, along with managing the second section from Boones Creek Road to Mizpah Hills. Mr. Peterson asked if the cost estimate for the second section was accurate and Mr. Berry explained it was only for the PE Phase. The second section of Knob Creek is not as far along as the first section. Mr. Berry recommended that the first section of Knob Creek, which is almost ready for Construction, be ranked first, and the second section be ranked second.

Chairman Pete Peterson mentioned that the interchange of Interstates 26 and 81 needs to be upgraded, that the old cloverleaf design is functionally obsolete at this location. He stated that he and the City Manager of Kingsport had discussed this and they both agreed it was an issue that needed to be address. Mr. Peterson then asked if anyone knew the status of interchange and Mr. Jason Farmer said he did not have his list project but he thought it was in the PE phase, but he would have to confirm that. Everyone agreed this was a needed improvement. This interchange is not within the Johnson City MTPO's area;

however, Mr. Berry stated he would add it to the letter to TDOT noting the importance of improving the Interchange and how it affects transportation in our area.

Mr. Deakins made a motion for the board to endorse the project ranking as shown. Ms. Sawyer seconded the motion.

All approved. **Motion carried.**

Agenda Item 8: Chairman Mr. Peterson moved to Item 8, the Annual Listing of Obligated Projects.

Mr. Berry displayed the information graphic on the Annual Listing of Obligated Projects. It includes the funding sources, the number of projects for each category, the total amount obligated and the number of project closeouts. Mr. Berry noted that amounts in red are a good thing, because it means not all the money was spent for a particular project and the money was returned to the funding source. This information is also available on the Johnson City MTPO website.

Mr. Deakins noted one of the items that needed to be addressed both on the state level and the national level was continued funding, specifically considering the impact of electric vehicles on the funding source. He noted that it was not a major issue now, but in the very near future, as EV's become more prevalent, state and federal elected officials would have to find a way to address funding for transportation. Ms. Kim Kreckow said that the federal government is researching a mileage tax as a potential form of revenue. Mr. Deakins stated he had heard of that and that while some people had concerns about being "tracked" he pointed out most people with smart phones are already being tracked. Mr. Berry made the comment that funding solutions for transportation was an issue that needed to be addressed. He also stated major auto manufacturers were committed to producing electric vehicles. Chairman Mr. Peterson noted the new Ford facility announced for West Tennessee was a prime example of the commitment from the private sector to expand production of electric vehicles. In addition to this, Mr. Berry noted the new Bipartisan Infrastructure Law had a provision that would assist in the development of electric vehicle infrastructure. He went on to say this was a totally new provision and some issues still had to be worked out, including the ability of current electric charging equipment to meet "Buy American" regulations.

Agenda Item 9: Chairman Mr. Peterson moved to Item 9, where Mr. Berry proceeded to recognized that Mr. Peterson was retiring as City Manager of Johnson City and that he has served as Executive Staff Chairman longer than any other member. Mr. Berry showed a slide show of the many projects that have been implemented during Mr. Peterson's tenure. Mr. Berry also presented Mr. Peterson with a plaque to thank him for his service and dedication to the MPO program. Mr. Peterson said he has enjoyed working with the members.

Agenda Item 10: Chairman Mr. Peterson moved to Item 10, Other Business. Mr. Berry announced that he had several items to note from the Federal Highway Administration staff, who were unable to attend the meeting. Mr. Berry provided a handout of the announcement to the Board members and stated that there is a new federal transportation act, called the Infrastructure Investment and Jobs Act (IIJA), and also known as the [Bipartisan Infrastructure Law \(BIL\)](#) enacted on November 15, 2021. FHWA will be providing outreach on the new act at a future Board meeting. Mr. Berry also announced they are seeking information on [guidance for electric vehicle infrastructure](#), and reaffirming that there is a problem with meeting Buy American requirements. FHWA is also seeking [public comment on the implementation of the IIJA](#).

Mr. Berry also updated the members on the status of many of the MTPO's documents:

1. **Metropolitan Transportation Plan Update** – The MTPO has hired KCI Technologies to update the long-range Metropolitan Transportation Plan (MTP). He asked that everyone be thinking of future projects to add to the plan. The next meeting in January will focus on Goals and Objectives to drive the plan.
2. **New Transportation Improvement Program** – The MTPO will be developing a new Transportation Improvement Program (TIP). A handout with the draft timeline was passed out to the members. He asked that members please submit projects by mid-March. He also added that some projects may be shown as illustrative until such time the MTP is adopted, then the projects can be amended and programmed into the TIP.
3. **Regional ITS Architecture and Deployment Plan Update** - Kimley-Horn is the consultant who is updating the ITS architecture.
4. **Coordinated Public Transit-Human Services Transportation Plan Update** – The MTPO has held 2 stakeholder meetings and one public meeting. We have published a survey and received 108 responses so far. We hope to present a draft plan in March.
5. **Public Participation Plan Update** – The MTPO staff is currently reviewing the effectiveness of the Public Participation Plan. We noticed several terms that need to be updated. The MTPO Staff is recommending the elimination of formal public hearings, as the public is afforded the opportunity to comment at the beginning of Board meetings and other public meetings. These hearings have not been well attended and all the information is available on the website, along with electronic comment forms.

Adjourn: There being no further business, Chairman Mr. Peterson adjourned the meeting at 11:49 a.m.

ITEM 3

Consider endorsement of items that concern the update to the Metropolitan Transportation Plan (MTP)

Agenda Item revised January 20, 2022

The Metropolitan Transportation Plan (MTP), formerly called the Long-Range Transportation Plan, is one of the core transportation planning documents that Metropolitan Planning Organizations (MPO) are required to do. This plan is an update to the 2045 MTP to reflect current and future transportation conditions from 2020 to 2050 for the Johnson City MTPO Region. KCI Technologies is the consultant that is updating the plan. The team will be providing an update on the status and efforts undertaken to date, as well as the next steps for the update of the MTP. As part of this update, the team will present the following items for consideration:

- Review of draft Public and Stakeholder Engagement Plan;
- Review of draft population and employment control totals; and
- Review of draft MTP goals, objectives, and performance measures.

Please note the population and employment control totals section has been updated to include a new page with a comparison table that shows different sources and their projections. The review of this information by the team is complete. The consultant will be at the meeting to go over everything and answer any questions.

The previous agenda should have stated "population and employment control totals" were being reviewed and will be ready for the board meeting. It was incorrectly noted in the original agenda as being ready for recommendation. It was not. That has now been corrected.

The review of data and sources is now complete. With that explanation for the technical correction, the MTPO staff recommends the following for your consideration after the presentation and discussion:

1. Endorsement of the Public and Stakeholder Engagement Plan;
2. Endorsement of the population and employment control totals, specifically using the State of Tennessee's Statewide Travel Demand Model population projections; and
3. Endorsement of the draft MTP goals, objectives and performances measures.

Johnson City MTPO Metropolitan Transportation Plan

Public and Stakeholder Engagement Plan

The public and stakeholder participation plan outlines the strategies and approaches to support community engagement throughout the Johnson City MTPO's Metropolitan Transportation Plan (MTP) update planning process. The strategies outlined below will:

- Support the creation of a vision for multimodal transportation in Johnson City;
- Encourage broad and equitable participation in the MTP update, including minority, low-income, traditionally underserved, and low English proficiency populations; and
- Identify transportation project recommendations that reflect the needs and concerns of the public and stakeholders in the MTPO planning area.

The recommended outreach strategies discussed here will be further developed and detailed to best meet the needs of the stakeholders and the public over the course of the plan update.

1. Outreach Strategies

- A. Public Meetings (3) – Three public meetings will be held with community members. The meetings will be in-person and online participation opportunities will also be offered, including access to all meeting materials, live-streaming, and surveys/interactive maps (see Section D below). Preliminary agenda items for each meeting follow.
 1. Public Meeting #1:
 - Draft MTP vision statement, goals, and objectives;
 - Existing deficiencies and future transportation needs; and
 - Draft performance measures for future project prioritization.
 2. Public Meeting #2:
 - Draft project recommendations; and
 - Draft project prioritization.
 3. Public Meeting #3:
 - Final plan and recommendations.

- B. Stakeholder Meetings (5) – Up to five meetings will be scheduled with stakeholders identified in consultation with the Johnson City MTPO. Meetings may include property owners, business owners, elected officials, public agency staff, and/or other interested groups.
1. Initial stakeholder meetings will be held in advance of the first community workshop to help establish goals for the community and examine issues, opportunities, and challenges that will influence the MTP’s development.
 2. Additional stakeholder meetings will be held before the second community meeting and will focus on reviewing draft plan recommendations.
- C. MTPO Executive Board Meetings (4) – Four presentations to the MTPO Executive Board will be made during the MTP planning process.
1. Meeting #1:
 - Draft Public and Stakeholder Engagement Plan;
 - Draft population and employment control totals; and
 - Draft MTP goals, objectives, and performance measures.
 2. Meeting #2:
 - Existing conditions and trends analysis;
 - Draft revenue forecasts, and
 - Public input to date.
 3. Meeting #3:
 - Draft project list; and
 - Draft 2050 MTP document.
 4. Meeting #4:
 - Final plan adoption by the Board.
- D. Online Engagement – Online engagement will be ongoing throughout the MTP update and will include:
1. Project website (1):
 - Contact information;
 - Background documents;
 - Resources and information;
 - Updates on plan progress and next steps; and
 - Online mapping applications and surveys.
 2. Online mapping applications and surveys (2):
 - Public meeting #1 / Interactive map and survey #1: transportation opportunities and challenges and multimodal priorities; and
 - Public meeting #2 / Interactive map and survey #2: plan recommendations and project prioritization.
 3. StoryMap (1) – A project StoryMap will be developed at the end of the MTP update to visually summarize the planning process, transportation issues and needs, project

evaluation, and final project list.

- E. Targeted Outreach – Environmental justice populations, including minority, low-income, traditionally underserved, and low English proficiency populations will receive additional outreach through the following methods:
 - 1. Language Translation – The project webpage will include translation options for all text elements.
 - 2. Targeted advertising – Paid advertising through social media will be used to advertise engagement opportunities to specific zip codes that contain EJ populations.
 - 3. Project Flyers – English and Spanish-language flyers will be developed to direct the public to online and in-person engagement opportunities. Flyers will be developed for distribution to neighborhood organizations, grocery stores, libraries, school district email lists, advocacy groups, and other organizations as needed.

- F. Media Outreach – Placed advertisements and press releases will be developed as needed to promote engagement opportunities to the public.

2. Timeline

The public and stakeholder participation plan organizes the anticipated engagement elements into three rounds. More detailed schedules will identify deliverables and review timeframes.

- A. Round #1
 - 1. December 2021:
 - Draft website content;
 - Draft interactive map #1, and
 - Draft survey #1.
 - 2. January 2022:
 - MTPO Executive Board Meeting #1;
 - Website goes live; and
 - Media releases.
 - 3. February 2022:
 - Stakeholder meetings; and
 - Public Meeting #1.

- B. Round #2
 - 1. March 2022:
 - Website content updates;
 - Draft interactive map #2; and
 - Draft survey #2.
 - 2. April 2022:
 - MTPO Executive Board Meeting #2;

- Website updates go live; and
- Media releases.

3. May 2022:

- Stakeholder meetings; and
- Public Meeting #2.

4. June 2022:

- MTPO Executive Board Meeting #3

C. Round #3

1. January 2023:

- Website content updates;
- Media releases; and
- Public Meeting #3.

2. February 2023:

- MTPO Executive Board Meeting #4.

Johnson City MTPO

Existing and Projected Population Summary Tables

The process used to determine the base year (2020) population and future year projections is explained in the steps below.

- 2019 Woods & Poole data was used to determine county-level population projections and calculate absolute and percent population changes for each county. (Table 1)
- 2020 Census data was gathered at the block level to determine population counts, and GIS was used to select the census blocks located with the MTPO modelling area. These population counts were used to determine the percentage of each county's population that resides within and outside the MPA. For example, approximately 88.7% of Washington County's population resides inside the MTPO's planning area. (Table 2)
- Between 2020 and 2050, these relative proportions were used to attribute projected growth for each county, both inside and outside the MPA. For example, Washington County's population is expected to increase by 16,121 between 2020 and 2050, and 14,303 (88.7%) of those individuals are expected to reside within the MPA in 2050. (Table 2)

Table 1: Woods & Poole Existing and Future Year County-Level Population Projections

County	2020	2025	2030	2035	2040	2045	2050	Absolute Population Change 2020-2050	Percent Change 2020-2050
Carter County, TN	56,817	57,264	57,549	57,621	57,467	57,189	56,907	90	0.2%
Sullivan County, TN	158,285	159,891	161,048	161,611	161,541	161,122	160,687	2,402	1.5%
Unicoi County, TN	17,774	17,798	17,822	17,847	17,871	17,896	17,920	146	0.8%
Washington County, TN	130,040	133,607	136,877	139,706	142,035	144,091	146,161	16,121	12.4%
Total	362,916	368,560	373,296	376,785	378,914	380,298	381,675	18,759	5.2%

Source: Woods & Poole, 2019

Table 2: Base (2020) and Future (2050) Year Population Projections

County	County Population 2020	County Growth 2020-2050	County Population 2050	Geography	Population 2020	Population Distribution 2020	Absolute Change 2020-2050	Population 2050
Carter County, TN	56,356	90	56,446	Inside MPA	46,201	82.0%	74	46,275
				Outside MPA	10,155	18.0%	16	10,171
Sullivan County, TN	158,163	2,402	160,565	Inside MPA	5,204	3.3%	79	5,283
				Outside MPA*	6,013	3.8%	91	6,104
Unicoi County, TN	17,928	146	18,074	Inside MPA	1,865	10.4%	15	1,880
				Outside MPA	16,063	89.6%	131	16,194
Washington County, TN	133,001	16,121	149,122	Inside MPA	117,999	88.7%	14,303	132,302
				Outside MPA	15,002	11.3%	1,818	16,820
Total	365,448	18,759	384,207	Inside MPA	171,269	46.9%	14,471	185,740
				Outside MPA	47,233	12.9%	2,057	49,290

Source: Census, 2020; Woods & Poole, 2019

*Note: For Sullivan County population, 'Outside the MPA' refers to the population contained within Sullivan County and the MTPO modeling area, which is a subset of the entire county's population.

Johnson City MTPO Projected Population Comparison

New Page

County-level population projections for the region were then developed and compared using three data sources: 2019 Woods & Poole data (W&P), TDOT's 2020 statewide travel demand model (SWTDM), and the University of Tennessee's Boyd Center population projections (UT). Each of these data sources provides estimates for the existing and future population either directly or using average growth rates. These estimates are compared to the projections presented in Table 3, developed using W&P growth rates similar to the methodology used in the 2045 MTP. (Table 6) In order to align with the State's assumptions for future growth and transportation needs in the region, the SWTDM growth rates were used to establish projections in the Johnson City region. (Table 7)

Table 6: Population Projection Comparison

TOTAL POPULATION	2050 County Totals				2050 MPA Totals		2020-2050 Growth in MPA	
	SWTDM Growth Rates	W&P Direct Forecasts	UT Forecasts	W&P Growth Rates	SWTDM Growth Rates	W&P Growth Rates	SWTDM Growth Rates	W&P Growth Rates
Carter County, TN	67,434	56,907	47,948	56,446	55,283	46,275	9,082	74
Sullivan County, TN	178,286	160,687	155,706	160,565	5,866	5,283	662	79
Unicoi County, TN	19,035	17,920	17,889	18,074	1,980	1,880	115	15
Washington County, TN	190,226	146,161	153,908	149,122	168,769	132,302	50,770	14,303
Total	454,981	381,675	375,451	384,207	231,899	185,740	60,630	14,471

Table 7: Base (2020) and Future (2050) Year Population Projections with SWTDM Rates

TOTAL POPULATION	County 2020		Population 2020	Distribution 2020	SWTDM County Growth Rate	2025	2030	2035	2040	2045	2050	2020-2050 Absolute Change	2020-2050 Percent Change	2020-2050 Annual Percent Change	County Total Change
Carter County, TN	56,356	Inside	46,201	82.0%	0.60%	47,604	49,049	50,538	52,073	53,654	55,283	9,082	19.7%	0.7%	11,078
		Outside	10,155	18.0%		10,463	10,781	11,108	11,446	11,793	12,151	1,996	19.7%	0.7%	
Sullivan County, TN	158,163	Inside	5,204	3.3%	0.40%	5,309	5,416	5,525	5,637	5,750	5,866	662	12.7%	0.4%	1,427
		Outside*	6,013	3.8%		6,134	6,258	6,384	6,513	6,644	6,778	765	12.7%	0.4%	
Unicoi County, TN	17,928	Inside	1,865	10.4%	0.20%	1,884	1,903	1,922	1,941	1,961	1,980	115	6.2%	0.2%	1,107
		Outside	16,063	89.6%		16,224	16,387	16,552	16,718	16,886	17,055	992	6.2%	0.2%	
Washington County, TN	133,001	Inside	117,999	88.7%	1.20%	125,251	132,949	141,119	149,792	158,998	168,769	50,770	43.0%	1.4%	57,225
		Outside	15,002	11.3%		15,924	16,903	17,941	19,044	20,214	21,457	6,455	43.0%	1.4%	
Total	365,448	Inside	171,269	46.9%		180,047	189,316	199,104	209,442	220,362	231,899	60,630	35.4%	1.2%	70,838
		Outside	47,233	12.9%		48,746	50,329	51,986	53,720	55,537	57,441	10,208	21.6%	0.7%	

*Note: For Sullivan County population, 'Outside the MPA' refers to the population contained within Sullivan County and the MTPO modeling area, which is a subset of the entire county's population.

Johnson City MTPO

Existing and Projected Employment Summary Tables

Employment control totals for the base year (2020) were determined using 2020 InfoGroup data collected and reviewed by the MTPO. The InfoGroup data was used to determine base year employment totals within the MTPO area by county (Table 3) as well as by the following six employment types: agricultural, manufacturing, retail, office, service, and government for 2020. W&P data was used to develop future year employment projections using county-specific growth rates for the six employment categories for 2050 (Tables 4 and 5).

Table 3: Woods & Poole Existing and Future Year County-Level Employment Projections

County	2020	2025	2030	2035	2040	2045	2050	Absolute Change 2020-2050	Average Annual Percent Change 2020-2050
Carter County, TN	18,026	18,783	19,452	19,980	20,391	20,756	21,099	3,073	0.57%
Sullivan County, TN	93,030	96,444	99,483	101,771	103,352	104,580	105,643	12,613	0.45%
Unicoi County, TN	6,742	6,876	6,987	7,057	7,086	7,099	7,101	359	0.18%
Washington County, TN	84,182	88,759	93,129	96,917	100,083	102,877	105,516	21,334	0.84%
Total	201,980	210,862	219,051	225,725	230,912	235,312	239,359	37,379	0.62%

Source: Woods & Poole, 2019

Table 4: Base (2020) and Future (2050) Year Employment Projections by Type

County	2020 Employment by Type Inside MPA						2050 Employment by Type Inside MPA					
	Agricultural	Government	Manufacturing	Office	Retail	Service	Agricultural	Government	Manufacturing	Office	Retail	Service
Carter County, TN	1,158	2,060	1,673	1,254	1,692	5,567	1,128	2,420	1,594	1,742	1,879	6,920
Sullivan County, TN	103	103	783	216	347	587	96	114	788	288	357	716
Unicoi County, TN	19	---	3	3	8	25	16	---	3	4	9	29
Washington County, TN	3,388	2,349	8,743	8,171	8,885	43,393	2,969	2,686	6,938	11,424	8,937	64,601
Category Total	4,668	4,512	11,202	9,644	10,932	49,572	4,209	5,221	9,323	13,458	11,182	72,266
Horizon Total	90,530						115,659					

Source: InfoGroup, 2020; Woods & Poole, 2019

Table 5: Base (2020) and Future (2050) Year Employment Projection Summary

County	2020 Total Employment Inside MPA	2050 Total Employment Inside MPA	Absolute Change 2020-2050	Percent Change 2020-2050
Carter County, TN	13,404	15,684	2,280	17.0%
Sullivan County, TN	2,139	2,359	220	10.3%
Unicoi County, TN	58	61	3	5.2%
Washington County, TN	74,929	97,555	22,626	30.2%
Total	90,530	115,659	25,129	27.8%

Metropolitan Transportation Planning Goals and Objectives - DRAFT

- Goal #1: Improve Safety and Security throughout the MTPO Area Transportation System
 - Reduce crash rates for serious injuries and fatalities
 - Reduce the number of secondary traffic crashes
 - Establish initiatives (projects and programs) to improve the safety and security of vulnerable roadway users (e.g. pedestrians, cyclists, transit riders, and the young and old)
 - Encourage partnerships with other transportation and non-transportation agencies to enhance transportation safety and security
 - Increase the transportation system's resilience to climate change and extreme weather

- Goal #2: Mitigate Traffic Congestion along Major Routes in the MTPO Area
 - Reduce travel delays between major attractions in the MTPO study area
 - Seek cost-effective management solutions and new technologies as a means of addressing congestion, reducing transportation delay, improving travel time reliability, and improving system operations
 - Increase transit and other transportation demand management strategies
 - Enhance the flow of raw materials and manufactured products

- Goal #3: Promote Sustainable Economic Growth and Livability by Enhancing the MTPO Area Transportation System
 - Maintain what we have and take a "state of good repair" approach to the community's transportation assets
 - Invest in the integration and connectivity of the transportation system, across and between modes, for people and freight, to support sustainable economic development and improve quality of life
 - Promote alternative forms of transportation (such as walking, biking, and transit)
 - Support transportation investments that minimize adverse impacts of surface transportation to historical, social, cultural, and natural environments, including stormwater impacts, and reduce transportation impacts on air-quality

- Goal #4: Enhance Regional Access to and from the MTPO Area
 - Maintain and improve access to regional areas outside of the MTPO area
 - Support transportation investments and policies that work to create jobs and improve access for people, tourism, places, and goods while embracing access management and corridor management strategies that preserve the long-term functionality of a roadway's capacity and safety
 - Strategically target transportation investments to areas supportive of and conducive to growth and redevelopment initiatives

ITEM 4

Other Business

Adjourn