

AGENDA  
JOHNSON CITY MTPO  
Executive Board / Executive Staff  
Thursday, December 10, 2015 at 10:00 a.m.  
100 West Millard Street, Johnson City, TN  
**Johnson City Public Library, Jones Meeting Room**

- **Call to Order**
- **Item 1:** Public Input – Open to public
- **Item 2:** Approval of Minutes from the August 13, 2015 Meeting
- **Item 3:** Recommend / Reaffirm the Priority Project List for TDOT’s Three-Year Work Program
  - **Resolution 2015-04 (Vote Required)**
- **Item 4:** Consider approval of Federal Functional Classification System for the Johnson City MTPO MPA
  - **Resolution 2015-05 (Vote Required)**
- **Item 5:** Annual Listing of Federally Obligated Projects
- **Item 6:** Self-Certification Resolution
  - **Resolution 2015-06 (Vote Required)**
- **Item 7:** Consider approval of amending the Fiscal Year 2014-2017 Transportation Improvement Program (TIP) to add construction funding to the Traffic Circle at Mountain View Rd and SR 381 (N State of Franklin Rd) at Indian Ridge Rd Projects
  - **Resolution 2015-07 (Vote Required)**
- **Item 8:** Consider approval of amendment to the Fiscal Year 2016 Unified Planning Work Program to add funding to Task A2 to purchase LIDAR data
  - **Resolution 2015-08 (Vote Required)**
- **Item 9:** Other Business
- **Adjourn**

# **ITEM 1**

Public Input

# **ITEM 2**

Approval of minutes from the August 13, 2015 Executive Board & Staff Meeting.

**JOHNSON CITY MTPO**  
**Minutes of the Executive Board / Executive Staff Meeting**  
**Thursday, August 13, 2015 at 10:00 a.m.**  
**100 West Millard Street, Johnson City, TN**  
**Johnson City Public Library, Jones Meeting Room**

**Executive Board Present**

The Honorable Mayor Irene Wells, Town of Bluff City  
Jon Hartman for the Honorable Mayor Curt Alexander, City of Elizabethton  
The Honorable Mayor Ralph Van Brocklin, City of Johnson City  
Craig Ford for the Honorable Mayor Kelly Wolfe, Town of Jonesborough  
The Honorable Mayor Johnny Lynch, Town of Unicoi  
The Honorable Mayor Leon Humphrey, Carter County  
The Honorable Mayor Dan Eldridge, Washington County  
Nick Weander for Governor Bill Haslam, State of Tennessee  
John Deakins, Jr., Tennessee County Highway Officials Association

**Executive Board Not Present**

**Executive Staff Present**

The Honorable Mayor Irene Wells, Town of Bluff City  
Jerome Kitchens, City of Elizabethton  
M. Denis Peterson, City of Johnson City  
Craig Ford for Bob Browning, Town of Jonesborough  
The Honorable Mayor Johnny Lynch for Larry Rea, Town of Unicoi  
Roger Colbaugh, Carter County Highway Department  
John Deakins, Jr., Washington County Highway Department  
Jeff Rawles for Eldonna Janutolo, Johnson City Transit  
Nick Weander, Tennessee Department of Transportation

**Executive Staff Not Present**

Chris Craig, First Tennessee Development District

**Others Attending**

Glenn Berry, Johnson City MTPO  
Mary Butler, Johnson City MTPO  
Randy Dodson, Mattern & Craig  
Jason Carder, Mattern & Craig  
Anthony Todd, City of Johnson City  
Bradley Osborne, Johnson City Transit  
Matthew Balogh, City of Elizabethton  
Johann Coetzee, City of Elizabethton  
Mike Potter, City of Elizabethton  
Jessica Wilson, Tennessee Department of Transportation  
Crystal Robertson, Northeast Regional Health Office  
Joseph Kusi, Northeast Regional Health Office  
Tony DeLucia, East Tennessee State University

### Summary of Motions Passed:

- **Approved** – Minutes from December 4, 2014.
- **Approved – Resolution 2015-01** – Consider a resolution reaffirming the “Self Certifications and Federal Certifications” for the Johnson City MTPO that must accompany amendments to the Transportation Improvement Program (TIP).
- **Approved – Resolution 2015-02** – Consider approval of amending the Fiscal Year 2014-2017 Transportation Improvement Program (TIP) to move funding from PE / ROW phases to CN phase for the Veterans Affairs Hospital Connector Project.
- **Approved – Resolution 2015-03** – Recommend approval and adoption of the Fiscal Year 2016 Unified Planning Work Program (UPWP).
- **Approved** – Consider amending the By-Laws of the Johnson City MTPO Executive Board and the Executive Staff with new members.

**Call to Order:** Meeting called to order at 10:15 a.m. by the Chairman, Mayor Ralph Van Brocklin.

**Agenda Item 1:** Chairman Van Brocklin proceeded to ask all the individuals present at the meeting to introduce themselves. He asked if there were any comments from the public. There were no comments from the public attending the meeting.

**Agenda Item 2:** The minutes from the December 4, 2014 meeting were reviewed.

Mr. Nick Weander made a motion for the board to approve. Mayor Irene Wells seconded the motion. All approved. **Motion carried.**

**Agenda Item 3:** Consider approval of Resolution 2015-01 to reaffirm the “Self Certifications and Federal Certifications” for the Johnson City MTPO that must accompany amendments to the Transportation Improvement Program (TIP).

Mr. John Deakins, Jr. made a motion for the board to approve. Mr. Weander seconded the motion. All approved. **Motion carried.**

**Agenda Item 4:** Consider approval of Resolution 2015-02 to amend the Fiscal Year 2014-2017 Transportation Improvement Program (TIP) to move funding from PE / ROW phases to CN phase for the Veterans Affairs Hospital Connector Project.

Mr. Glenn Berry explained that funds from grants previously awarded for this project, specifically the Transportation, Community and Systems Preservation (TCSP) program and the High Priority Projects (HPP) had been obligated for PE & ROW phase of the VA Hospital Connector Project and that leftover funds from these phases will now be used for the construction phase. These funds were highlighted in the new TIP sheets for the project in the agenda packet and displayed on the meeting room monitors. He went on to state that funds from these two programs were allocated by Congress in previous transportation acts specifically for this project and could not be used for any other projects in the United States, unless Congress passed an Act altering this appropriation. Mr. Berry stated there had been several meetings with the Tennessee Department of Transportation on moving the left over funds to the construction phases and all parties agreed a TIP amendment would be required for the funds to be obligated for construction. Mr. Berry noted this funding, along with funding from the Federal Lands Access Program, were in line with the construction estimates for the project. Mr. Berry did make the comment the actual construction costs would not be known until the bids were received and opened. Chairman Van Brocklin noted the consulting engineer that developed the cost estimate was at the meeting and there was agreement with the cost estimate.

Mayor Johnny Lynch made a motion for the board to approve. Mayor Wells seconded the motion. All approved. **Motion carried.**

**Agenda Item 5:** Consider approval of Resolution 2015-03 to recommend approval and adoption of the Fiscal Year 2016 Unified Planning Work Program (UPWP).

Mr. Berry went over the tasks in the FY 2016 UPWP. He pointed out that the document will need to be updated on page 11 to add the Tennessee County Highway Officials Association and their chosen representative to the list of members of the Executive Board, per a new state law that was passed and went into effect in July. He noted Mr. Johnny Deakins would be representing the Tennessee County Highway Officials Association on the Johnson City MTPO Executive Board and a letter from the association was in the agenda packet along with a copy of the signed state law.

Mr. Berry then went on to review the UPWP, stating the primary focus would be on developing a new Transportation Improvement Program. He stated the current program was valid until 2017. He did point out this was not to be confused with another task in the UPWP, the development of a TIP database application (software) which would be a carryover task from the current UPWP. Mr. Berry stated this would be a web based software application that would track transportation projects in the TIP and be available for member jurisdictions and also provide information to the general public. The software application is a joint venture with the Nashville MPO. It is expected to be available next year. After this Mr. Berry stated the next major priority would be maintenance of the Long Range Transportation Plan which included preparing for the update of the plan that would begin next year. He noted a plan update was a federal requirement and it must be adopted by March 13, 2018.

Mr. Weander made a motion for the board to approve. Mr. Deakins seconded the motion. Mr. Craig Ford, representing Jonesborough, asked if they were voting on the UPWP with the Executive Board recommendation to include the Tennessee County Highway Officials in the document on page 11. Mr. Berry said yes. All approved. **Motion carried.**

**Agenda Item 6:** Consider amending the By-Laws of the Johnson City MTPO Executive Board and the Executive Staff with new members.

Mr. Berry outlined the changes to the By-Laws. He mentioned that Bluff City was already on the Executive Board and that the By-Laws were being amended to officially add the Mayor of Bluff City to the Executive Board and the City Manager to the Executive Staff to reflect these changes. He explained that a new law was passed that directed the Tennessee County Highway Officials Association to choose a representative to serve on the Executive Board. Mr. Berry stated that he received a letter from the Association stating that Mr. Deakins had been chosen by the Tennessee County Highway Officials Association to serve on the Johnson City MTPO Executive Board.

Also, he explained the position of the Director of Local Planning from the First Tennessee Development District was eliminated from the District's budget and since the Office of Local Planning was no longer a standalone agency, but part of the First Tennessee Development District (FTDD), that member would be removed and consolidated with the FTDD representative. Mr. Chris Craig will be the representative of the FTDD. Mr. Berry stated he had met with Ms. Susan Reid before the meeting and she confirmed Mr. Chris Craig would be representing the FTDD at MTPO meetings.

Mayor Lynch made the motion for the board to approve. Mr. Weander seconded the motion. All approved. **Motion carried.**

**Agenda Item 7:** Presentation on TDOT Multi-Modal Access Policy by Jessica Wilson, TDOT Bicycle and Pedestrian Coordinator and Nick Weander, TDOT Office of Community Transportation.

Ms. Jessica Wilson started the presentation with historical photographs of Johnson City to set the tone that various forms of transportation like bicycles, transit (trolley cars), and even horses and carriages operated in different "modes" thus the term used today "multi-modal." In today's context she pointed out the driving idea behind "multi-modal" transportation in Tennessee was to provide people with "more connections and choices." Ms. Wilson clearly pointed out Tennessee Department of Transportation Multi-Modal Access Policy was not to mandate all roads have bicycle lanes, but rather it was the expectation that full **consideration** of multimodal access will be integrated in all appropriate new construction, reconstruction and retrofit infrastructure projects. She then provided several examples of where bicycle lanes were and were not appropriate.

Mr. Nick Weander then took over the presentation and discussed how land use impacted transportation and gave various examples of connected streets and neighborhoods via the transportation network, which included facilities for pedestrians. He further went on to state if planned properly this could have the impact of reducing vehicle trips with the secondary benefit of improving air quality and personal health through walking. He pointed out land use planning was the critical component to make this work and that “connecting” areas alone was not enough, but development of mixed uses in a neighborhood or area were part of the overall concept. He then provided various photographic examples of areas that did not accommodate all transportation modes and created safety issues for people using the transportation network not designed to meet their needs.

During the presentation he illustrated methods to fund these type of projects, other than federal funds, and gave examples of jurisdictions in Tennessee that had adopted “Complete Streets” policies or resolutions. These jurisdictions included TDOT, Nashville MPO, City of Nashville, City of Knoxville, City of Kingsport, Chattanooga RPA, Chattanooga, town of East Ridge, City of Memphis, and town of Newbern. At the end of the presentation Mr. Weander provided his and Ms. Wilson’s contact information.

There were continued questions ranging from funding to electric golf cars on roadways. Mr. Weander stated that funding was a major issue facing TDOT and that, while all options were on the table, nothing had been decided at this point. He further noted that funding solutions were being discussed at the Commissioner’s level with the Governor and it would most likely be the Governor who would make any proposals on funding solutions. As for electric golf carts on Tennessee highways this would fall under the Tennessee Department of Safety and he stated they would have to meet the state legal requirement before they could operate on the road legally.

**Agenda Item 8:** MTPO Transportation Coordinator - Work Update.

Mr. Berry provided status updates on several items. He stated the MTPO staff is currently revising the Public Participation Plan. Work is approximately 80 percent complete with the review of the State Functional Classification System. Mr. Berry noted they had received the Preliminary Ozone Data for Tennessee and that copies of the information was on the last page of the agenda packet. While the Ozone data readings look good, he stated new Ozone standards are on schedule to be released in October of this year and that could have an impact on the counties currently classified as “attainment” for ozone by the EPA. He addressed a question from a past MTPO meeting about the impact of air quality on industry. During an Air Quality Interagency Consultation conference call (EPA, TDOT, FHWA, MPOs, FTA, TDEC, and others), he noted that Ms. Diane Meyers of EPA, Region IV in Atlanta, had stated the pollutant that affected industry was carbon and those were different standards than ozone.

Next Mr. Berry covered the “Coordinated Public Transit – Human Services Transportation Plan” that was a federal requirement for certain funding categories for transit, specifically “section 5310” funds. It was stated that, in the past, Johnson City Transit had developed the first plan in 2008 and the Johnson City MTPO had updated the plan in 2012 as part of the 2040 Long Range Transportation Plan update for the region. For the next update the Division of Multimodal Resources for TDOT has decided they will expand the area of the plan to cover all counties in the First Tennessee Development District area. While TDOT will contract with a consultant to complete the work, MPOs and transit agencies would be heavily involved in the development of the plan and a work order would be issued soon to the consulting firm, TranSystems, to start the project.

For the next item, Mr. Berry stated the Johnson City MTPO had received a “Ready for Use” letter from FHWA for the update that was just completed for the Johnson City Regional Intelligent Transportation System (ITS) Architecture. He pointed out the Regional ITS Architecture was a guide or road-map for advanced electronic technologies to be considered and deployed in our region depending upon funding. The Regional ITS Architecture was not only a guide for local jurisdictions but also for TDOT, and again, it was a federal requirement to receive federal funding.

And finally, Mr. Berry discussed an upcoming workshop would be scheduled in October to begin working on the next TIP for Fiscal Years 2017-2020.

**Adjourn:** With no further business, Chairman Van Brocklin adjourned the meeting at 11:35 a.m.



# ITEM 3

## **Resolution 2015-04:** Recommend / Reaffirm the Priority Project List for TDOT's Three-Year Work Program

Each year the Tennessee Department of Transportation requests our input on major transportation projects to be included in TDOT's Three-Year Work Program. These are projects that are managed by TDOT, which have traditionally been totally funded with TDOT resources that are available to the state, whether it be federal or state funds.

For the Johnson City MTPO area, there are three major projects that were initiated through the planning process, meetings with TDOT, and by informing our state legislators of our project needs. These projects are the same as previous years. They are as follows:

1. Exit 17 on I-26, Interchange Modification (SR 354 / Boones Creek Rd @ I-26)
2. Exit 24 on I-26, Ramp Modification (SR 67 / University Parkway @ I-26, Eastbound only)
3. State Route 91 (Elk and Broad Street in Elizabethton) Improvements

There are other projects in the MTPO, but they are not on State Routes and funded locally, either through the MTPO's allocation of Surface Transportation Program funds or specific grants with local match. In 2012, the Tennessee Department of Transportation changed its policy on management of projects that are not on State Routes. This background information is why other "local" projects in our region are not included on the Priority Project list for TDOT's Three-Year Work Program.

It is recommended this item be approved by the Johnson City MTPO Executive Board by vote and accompanying resolution.

JC MTPO Ranking	Project	PIN	Region	County	Route	MPO
1	112456.00- Washington, I-26, Interchange at SR-354 (Exit 17)	112456.00	1	Washington	I-26	Johnson City
2	112457.00- Washington, I-26, Interchange at SR-67 (US-321) (Eastbound Only)	112457.00	1	Washington	I-26	Johnson City
3	043975.01- Carter, SR-91, From SR-67 (US-321) to SR-37 (US-19E)	043975.01	1	Carter	SR-91	Johnson City

**RESOLUTION OF THE EXECUTIVE BOARD OF THE JOHNSON CITY METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION (MTPO)**

**Recommends / Reaffirms the Priority Project List to be submitted to TDOT for Three-Year Work Program**

**WHEREAS**, each Metropolitan Planning Organization has been requested by Tennessee Department of Transportation to develop a List of Priority Projects, and

**WHEREAS**, the Johnson City Metropolitan Transportation Planning Organization (MTPO) works with the Tennessee Department of Transportation (TDOT) on developing its Transportation Improvement Program and Long Range Transportation Plan; and

**WHEREAS**, the Priority Projects List is derived from the Long Range Transportation Plan and Transportation Improvement Program; and

**WHEREAS**, the Johnson City MTPO is submitting a Priority Project List for the Johnson City MTPO area to TDOT; and

**WHEREAS**, the projects included in the list are vital to the transportation infrastructure and economic development for the Johnson City MTPO area; and

**NOW, THEREFORE, BE IT RESOLVED** that the Executive Board and Executive Staff of the Johnson City Metropolitan Transportation Planning Organization does hereby approve the Priority Project List to be submitted to TDOT for the Three-Year Work Program.

\_\_\_\_\_  
MTPO Executive Board, Chairperson

\_\_\_\_\_  
Date

\_\_\_\_\_  
MTPO Executive Staff, Chairperson

\_\_\_\_\_  
Date

# ITEM 4

**Resolution 2015-05:** Consider a resolution to approve the Federal Functional Classification System for the Johnson City MTPO Area

The Functional Classification System is the process by which streets and highways are grouped into classes, or systems, according to the character of service they are intended to provide. Most roads are separated into three main classes – Arterials, Collectors, and Local Roads. The table below describes the classes that are used by the functional classification system. Also, roads are classified as either urban, if the roads are located within an urbanized area, such as the Johnson City Urbanized Area or urban cluster, like the town of Erwin, or rural areas.

Functional Classification System		
Main Class	Secondary Class	Description
Arterial	<i>Interstates</i>	Provides the highest level of service at the greatest speed for the longest uninterrupted distance, with full access control.
	<i>Other Freeway/Expressway</i>	
	<i>Other Principal Arterial</i>	Provides a high level of service and mobility to connect activity centers, carry a high proportion of traffic, with some degree of access control.
	<i>Minor Arterial</i>	
Collector	<i>Major Collector</i>	Provides a less highly developed level of service at a lower speed for shorter distances by collecting traffic from local roads and connecting them with arterials.
	<i>Minor Collector</i>	
Local Roads	<i>Local Roads</i>	Consists of all roads not defined as arterials or collectors; primarily provides access to land with little or no through movement.

MTPO staff has worked with the local jurisdictions and the community planning staff with TDOT to update the Functional Classification System for the Johnson City MTPO Metropolitan Planning Area (MPA). MTPO staff analyzed the current conditions of the road and how they currently function to make recommended changes to the system. Staff will present the Functional Classification System at the meeting.

It is recommended this item be approved by the Johnson City MTPO Executive Board by vote and accompanying resolution.

**RESOLUTION OF THE EXECUTIVE BOARD OF THE JOHNSON CITY METROPOLITAN TRANSPORTATION  
PLANNING ORGANIZATION (MTPO) TO**

**APPROVE THE FUNCTIONAL CLASSIFICATION SYSTEM FOR THE JOHNSON CITY MTPO MPA, AS  
UPDATED**

**WHEREAS**, Johnson City Metropolitan Transportation Planning Organization (MTPO) is responsible for maintaining the Functional Classification System for the Johnson City MTPO Metropolitan Planning Area (MPA); and

**WHEREAS**, it is the responsibility of the Johnson City MTPO to review and recommend changes periodically to the Functional Classification System; and

**WHEREAS**, Johnson City MTPO worked with the local jurisdictions and the community planning staff at the Tennessee Department of Transportation to recommend changes to roads as they currently function; and

**NOW, THEREFORE, BE IT RESOLVED** that the Executive Board of the Johnson City Metropolitan Transportation Planning Organization does hereby approve the Functional Classification System for the Johnson City MTPO MPA, as updated.

\_\_\_\_\_  
MTPO Executive Board, Chairperson

\_\_\_\_\_  
Date

\_\_\_\_\_  
MTPO Executive Staff, Chairperson

\_\_\_\_\_  
Date

# ITEM 5

## Annual Listing of Federally Obligated Projects

The Code of Federal Regulations, Section 450.332(a), states, “In metropolitan planning areas, on an annual basis, no later than 90 calendar days following the end of the program year, the State, public transportation operator(s), and the MPO shall cooperatively develop a listing of projects (including investments in pedestrian walkways and bicycle transportation facilities) for which funds under 23 U.S.C. or 49 U.S.C. Chapter 53 were obligated in the preceding program year.” Title 23 of the United States Code provides funding for highway projects and Title 49 provides funding for transit projects.

The Johnson City MTPO has received a listing from TDOT for the federal fiscal year ending September 30, 2015. These projects were federally obligated in the Johnson City MTPO Metropolitan Planning Area. The table on the next page shows the listing of the obligated projects.

\* Entire project, or a portion of the project, is in the MPO planning area but outside the urbanized area boundary

## OBLIGATIONS FOR JOHNSON CITY MPO FY 2015

**FED FUNDS OBLIGATED: \$8,727,378.20**

DATE	PROJECT NUMBER	COUNTY	ROUTE	TERMINI	ACTION/PHASE	TYPE	TIP/STIP REFERENCE	FEDERAL FUNDS	TOTAL FUNDS IN TIP
10/03/14	HSIP-1066(10)*	Washington		Telford Road, From SR-353 to SR-34	AUTHORIZE CONST	HSIP	2014-03	\$172,100.00	\$4,000,000.00
10/14/14	STP-M-9107(29)	Washington		West Market St, Intersection at Knob Creek Rd and University Pkwy, Intersection at Southwest Ave in Johnson City	AUTHORIZE CONST	STP-Local	2008-04	\$395,000.00	\$1,830,000.00
10/14/14	STP-M-9107(28)	Washington		Signalization at 8 intersections in Johnson City	AUTHORIZE CONST	STP-Local	2008-04	\$1,435,000.00	\$1,830,000.00
10/15/14	HSIP-1365(4)	Washington		Boones Station Rd, From P. Keefauver Rd to Keefauver Rd in Johnson City	AUTHORIZE PE-N	HSIP	2014-03	\$36,000.00	\$4,000,000.00
10/21/14	ARRA-STP-M-9103(13)	Carter		Lynn Ave, From SR-67 (Broad St) to East Elk Ave in Elizabethton	ADJUST CONST	STP-Local	2006-03	\$271,429.00	\$339,286.00
11/05/14	HSIP-36(61)	Washington	SR-36	Intersection at Mountain View Rd, LM 0.77 in Johnson City	AUTHORIZE PE-N	HSIP	2014-03	\$18,000.00	\$4,000,000.00
11/14/14	ARRA-STP-M-9103(13)	Carter		Lynn Ave, From SR-67 (Broad St) to East Elk Ave in Elizabethton	CLOSE PROJECT	STP-Local	2006-03	(\$0.26)	\$339,286.00
11/20/14	HSIP-34(102)	Washington	SR-34	From Jonesborough City Limits to Claude Simmons Rd	AUTHORIZE PE-N	HSIP	2014-03	\$27,000.00	\$4,000,000.00
12/05/14	HSIP-354(10)	Washington	SR-354	From SR-34 (US-11E/321) to Pinnacle Dr	CLOSE PROJECT	HSIP	2011-14	\$15,594.14	\$5,000,000.00
01/08/15	HSIP-173(9)	Unicoi	SR-173	From W of I-26 to Carter County Line	CLOSE PROJECT	HSIP	2011-14	\$11,632.27	\$5,000,000.00
01/21/15	HSIP-R00S(88)	Washington		North Roan St at Norfolk Southern R/R, LM 1.23 in Johnson City	ADJUST CONST	HSIP	2008-16	\$55,500.00	\$4,000,000.00
02/06/15	STP-362(8)	Carter	SR-362	From SR-361 (Gap Creek Rd) to SR-67 (US-321/Elk Ave)	ADJUST CONST	STP-State	2006-06	\$2,327,077.00	\$45,800,000.00
02/19/15	BH-I-26(37)	Washington	I-26	Bridge over Boones Creek, LM 6.81	CONVERT ADVANCE CONST	STP	2014-02	\$151,200.00	\$1,400,000.00
03/17/15	BR-STP-400(16)	Carter	SR-400	(Lynn Ave), Bridge over Watauga River at LM 5.16 , From SR-91 Ext. to East Mill St	CLOSE PROJECT	BRR-S	2008-12	(\$385,000.33)	\$7,772,800.00
03/25/15	BH-I-26(37)	Washington	I-26	Bridge over Boones Creek, LM 6.81	CLOSE PROJECT	STP	2014-02	(\$253.03)	\$1,400,000.00
03/26/15	NH-I-26(45)	Washington	I-26	From SR-91 to SR-67 Interchange (Eastbound Only)	AUTHORIZE PE-D	NHPP	2011-31	\$18,000.00	\$20,000.00
03/26/15	STP-SIP-354(11)*	Washington	SR-354	Intersection at Bugaboo Springs Rd, LM 1.887	AUTHORIZE PE-N	STP	2014-02	\$24,000.00	\$1,400,000.00
03/26/15	NH-SIP-81(23)	Washington	SR-81	Intersection at Persimmon Ridge Rd, LM 12.02 in Jonesborough	AUTHORIZE PE-N	NHPP	2014-04	\$24,000.00	\$200,000.00
04/01/15	HSIP-R-4223(10)	Washington		Judge Vines Rd at NS R/R, LM 1.060 near Jonesborough	AUTHORIZE PE-N	HSIP	2014-03	\$13,500.00	\$4,000,000.00
04/01/15	HSIP-R00S(248)	Unicoi		Garland Rd at CSX R/R, LM 0.410 in Unicoi	AUTHORIZE PE-N	HSIP	2014-03	\$13,500.00	\$4,000,000.00
04/14/15	STP/HSIP-NHE-381(12)	Washington	SR-381	From SR-67 to SR-34 (US-11E/321)	CLOSE PROJECT	HSIP	2011-14	(\$15,603.07)	\$5,000,000.00
04/14/15	STP/HSIP-NHE-381(12)	Washington	SR-381	From SR-67 to SR-34 (US-11E/321)	CLOSE PROJECT	STP	2011-06	(\$56,625.07)	\$8,340,000.00
05/07/15	STP-M-67(25)	Carter	SR-67; SR-91	SR-67 at Williams Ave and SR-91 at Judge Ben Allen Rd/Don Lewis Rd in Elizabethton	CLOSE PROJECT	STP-Local	2011-02	\$13,852.37	\$750,000.00
05/26/15	HSIP-75(16)	Washington	SR-75	From SR-34 to S of Boonesboro Rd	AUTHORIZE CONST	HSIP	2014-03	\$90,500.00	\$4,000,000.00
06/09/15	STP-362(8)	Carter	SR-362	From SR-361 (Gap Creek Rd) to SR-67 (US-321/Elk Ave)	ADJUST CONST	STP-State	2006-06	\$2,400,000.00	\$45,800,000.00
06/25/15	HSIP-R00S(128)	Washington		Grassy Valley Rd at CSX R/R, LM 0.12 near Johnson City	CLOSE PROJECT	HSIP	2008-16	(\$58,906.87)	\$4,000,000.00
07/13/15	HSIP-9107(30)	Washington		Various Locations around East Tennessee State University Campus in Johnson City	WITHDRAW PROJECT	HSIP	2011-14	(\$18,000.00)	\$5,000,000.00
07/17/15	PHSIP-359(12)	Carter	SR-359	Intersection at Governor Alfred Taylor Rd, LM 2.48 (RSAR)	AUTHORIZE PE-D	PHSIP	2014-03	\$20,000.00	\$100,000.00
07/23/15	STP-M/EN-9107(21)	Washington	SR-81	Lost State Scenic Walkway - Phase II	AUTHORIZE CONST	ENH	2014-09	\$311,685.00	\$830,000.00
07/23/15	STP-M/EN-9107(21)	Washington	SR-81	Lost State Scenic Walkway - Phase II	AUTHORIZE CONST	STP-Local	2012-01	\$247,128.00	\$254,694.00
07/27/15	PHSIP-34(95)	Washington	SR-34	(US-11E, East Jackson Blvd), Intersection at SR-354 (Boones Creek Rd), LM 11.07 in Jonesborough	AUTHORIZE PE-D	PHSIP	2014-03	\$50,000.00	\$100,000.00
07/29/15	HSIP-9000(48)	Washington		Knob Creek Rd, From SR-354 (Boones Creek Rd) to Mizpah Hills Dr	AUTHORIZE PE-N	HSIP	2014-03	\$36,000.00	\$4,000,000.00
08/21/15	STP-362(8)	Carter	SR-362	From SR-361 (Gap Creek Rd) to SR-67 (US-321/Elk Ave)	ADJUST CONST	STP-State	2006-06	\$1,200,000.00	\$45,800,000.00
09/03/15	HSIP-R00S(68)	Washington		McKinley Rd at Norfolk Southern R/R, LM 0.17 in Johnson City	CLOSE PROJECT	HSIP	2008-16	(\$115,930.95)	\$4,000,000.00

**Federal Transit Administration (FTA) Obligations**

<b>Date</b>	<b>Project No.</b>	<b>County</b>	<b>Description</b>	<b>Type</b>	<b>TIP/STP</b>	<b>Federal Obligated Amount</b>	<b>Amount in TIP</b>
05/04/15	TN-95-X069-00	Washington	FTA Capital funds for bus replacement (STP Flex)	5307	2014-05	\$622,500	\$622,500
8/7/2015	TN-90-X389	Washington	FTA Capital funds for Purchase of paratransit vehicles, Technology, Support Equipment, Shelters, associated capital items (parts), capitalized ADA service and annual operating assistance	5307	2014-05, 2014-06	\$1,109,580 *	\$2,094,000
11/13/2015	TN-90-X389-01	Washington	FTA Capital funds for capitalized maintenance, capitalized ADA service, associated capital items (parts), and annual operating assistance	5307	2014-05, 2014-06	\$557,073 **	\$2,094,000
<b>Total FTA obligations for 2015</b>						<b>\$2,289,153</b>	

\* Partial obligation of "Amount in TIP"

\*\* Remaining obligation of "Amount in TIP"



# ITEM 6

**Resolution 2015-06:** Consider a resolution reaffirming the “Self Certifications and Federal Certifications” for the Johnson City MTPO that must accompany amendments to the Transportation Improvement Program (TIP).

The Johnson City MTPO is required to comply with federal law to “Self Certify” they are following all regulations as identified in the Code of Federal Regulations, Title 23, Section 450.334, and an approved certification must be sent with the entire proposed TIP or when it is amended.

It is recommended this item be approved by the Johnson City MTPO Executive Board by vote and accompanying resolution.

**RESOLUTION OF THE EXECUTIVE BOARD OF THE JOHNSON CITY METROPLITAN TRANSPORTATION  
PLANNING ORGANIZATION (MTPO) to Re-Affirm the**

**“Self-Certifications and Federal Certifications”**

**WHEREAS**, in accordance with the requirements of the U.S. Department of Transportation, the Johnson City MTPO is required to prepare a Transportation Improvement Program (TIP); and

**WHEREAS**, the Transportation Improvement Program (TIP) documents a cooperatively developed program of projects scheduled for implementation during the projected four-year period; and

**WHEREAS**, the Johnson City MTPO has adopted a Long Range Transportation Plan which serves as a guide for the development of the Transportation Improvement Program (TIP); and

**WHEREAS**, the Johnson City MTPO Executive Board hereby determines the use of various Federal Highway Administration funds, including Surface Transportation Program, Bridge Rehabilitation and Reconstruction, STP Enhancement, National Highway System, Highway Safety Improvement Program, Interstate Maintenance, Federal Transit Administration Capital Operating and Planning, and other federal transportation funds that are made available for Johnson City MTPO Area projects, as listed in the TIP; and

**WHEREAS**, the Johnson City MTPO does hereby certify that the requirements of the Code of Federal Regulations, Title 23, Section 450.334 are met.

**NOW, THEREFORE, BE IT RESOLVED**, that the Executive Board and Executive Staff of the Johnson City Metropolitan Transportation Planning Organization does hereby approve and endorse the following certifications, as set forth in 23 CFR Section 450.334, as to be submitted with the Johnson City MTPO Area FY 2014-2017 TIP as amended.

SELF CERTIFICATIONS AND FEDERAL CERTIFICATIONS

23 CFR 450.334

- (1) 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;
- (2) In non-attainment and maintenance areas, section 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
- (3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 200d-1) and 49 CFR part 21;
- (4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (5) Section 1101(b) of the MAP-21 (Pub. L. 112-141) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 1201 *et seq.*) and 49 CFR parts 27, 37 and 38;
- (8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

---

MTPO Executive Board, Chairperson

---

Date

---

MTPO Executive Staff, Chairperson

---

Date

# ITEM 7

**Resolution 2015-07:** Consider approval of amending the Fiscal Year 2014-2017 Transportation Improvement Program (TIP) to add construction funding to the Traffic Circle at Mountain View Rd and SR 381 (N State of Franklin Rd) at Indian Ridge Rd Projects

The MTPO staff were informed by Johnson City that construction estimates in the TIP for two projects located in and managed by Johnson City had been revised based on current labor and quantity estimates. These two projects are the Traffic Circle at Mountain View Rd Project and the SR 381 (N State of Franklin Rd) at Indian Ridge Rd Project. Both projects are currently in the Johnson City MTPO Transportation Improvement Program (TIP) and are expected to go to construction in early 2016.

The Traffic Circle at Mountain View Rd Project is located at the intersection of Mountain View Rd and Browns Mill Rd, behind Walmart and Siemens in north Johnson City. The intersection is being re-designed with a traffic circle, similar to the size of the one installed at the Five Points in Jonesborough. Additional funding of \$1,003,000 is needed to fund the construction phase of this project. This project is also being moved from FY 2014 year of expenditure to FY 2016 year of expenditure in the TIP.

The SR 381 (N State of Franklin Rd) at Indian Ridge Rd is located near the new Food City on North State of Franklin Rd. This intersection is being improved to widen the Indian Ridge Road bridge over CSX Railroad and add a turning lane on State of Franklin Road. Additional funding of \$2,200,000 is needed to fund the construction phase of this project.

In all, MTPO staff were informed that an additional total of \$3,203,000 was needed to fully fund the construction phases for both projects. Both projects will be ready to go to construction for FY 2016. To provide the additional construction funding for these two projects, MTPO staff looked at three other TIP projects that will need to be delayed in order to provide funding for the two projects ready for construction. The Adaptive Signal Control Phase 1 and Phase 2 Projects have not been started by Johnson City and will be delayed to another TIP. All of the funding for these two projects, \$960,000, will be moved to the Mountain View Rd Project. Also, the construction phase for Knob Creek is currently \$4,000,000, of which \$43,000 will be moved to the Mountain View Rd Project and \$2,200,000 will be moved to the SR 381 Project, leaving \$1,757,000.

As noted in previous meetings the MTPO will be working on a new Transportation Improvement Program in 2016. In this process funding of current and future projects not under construction will be addressed.

In summary, the Fiscal Year 2014-2017 Transportation Improvement Program is being amended as follows:

- **Amend Local Surface Transportation Program (STP-Local) Project – SR 381 at Indian Ridge Improvements (Johnson City)**
  - Johnson City MTPO Local TIP Project Number: 2008-05
  - Johnson City MTPO TIP Page Number: A-2
  - TDOT PIN #: 111351.00
  - Amend Fiscal Year 2016 as follows:
    - Add \$2,200,000 to the construction phase.

- **Amend Local Surface Transportation Program (STP-Local) Project – Traffic Circle for Mountain View Road (Johnson City)**
  - Johnson City MTPO Local TIP Project Number: 2010-05
  - Johnson City MTPO TIP Page Number: A-3
  - TDOT PIN #: 114592.00
  - Amend Fiscal Year 2014 and 2016 as follows:
    - Move the construction phase from FY 2014 to FY 2016;
    - Add \$1,003,000 to the construction phase.
  
- **Amend Local Surface Transportation Program (STP-Local) Project – Adaptive Signal Control – Phase 1 (Johnson City)**
  - Johnson City MTPO Local TIP Project Number: 2013-02
  - Johnson City MTPO TIP Page Number: A-5
  - TDOT PIN #: -
  - Amend Fiscal Year 2014 as follows:
    - Remove all funding for all phases, a total of \$290,000; delay project to another TIP
    - Move funds to Traffic Circle at Mountain View Rd Project.
  
- **Amend Local Surface Transportation Program (STP-Local) Project – Adaptive Signal Control – Phase 2 (Johnson City)**
  - Johnson City MTPO Local TIP Project Number: 2014-11
  - Johnson City MTPO TIP Page Number: A-6
  - TDOT PIN #: -
  - Amend Fiscal Year 2014 as follows:
    - Remove all funding for all phases, a total of \$670,000; delay project to another TIP
    - Move funds to Traffic Circle at Mountain View Rd Project.
  
- **Amend Local Surface Transportation Program (STP-Local) Project – Knob Creek Extension – Phase 1 (Johnson City)**
  - Johnson City MTPO Local TIP Project Number: 2006-11
  - Johnson City MTPO TIP Page Number: A-8
  - TDOT PIN #: 102620.00
  - Amend Fiscal Year 2017 as follows:
    - Move \$43,000 from the construction phase to Traffic Circle at Mountain View Rd Project;
    - Move \$2,200,000 from the construction phase to SR 381 (N State of Franklin Rd) at Indian Ridge Rd Project;
    - \$1,757,000 will remain.

The old and amended TIP pages are provided following this item.

The MTPO has reviewed the current TIP and it is fiscally constrained.

It is recommended this item be approved by the Johnson City MTPO Executive Board by vote and accompanying resolution.

TIP #	2008-05	TDOT PIN#	111351.00	PRIORITY	High	LEAD AGENCY	Johnson City
COUNTY/CITY	Washington/Johnson City	LENGTH	1 mi	L RTP#	E+C Page 5-5	CONFORMITY	Attainment
PROJECT NAME	SR 381 at Indian Ridge Improvements		TOTAL PROJECT COST	\$4,500,000			
TERMINI OR INTERSECTION	Intersection of SR 381 (State of Franklin) at Indian Ridge Rd. Note: This is for all approaches including Skyline Dr., on the east side of SR 381.						
PROJECT DESCRIPTION	Add turn lanes, bridge rehabilitation						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2015	ROW	STP-Local	\$350,000	\$280,000		\$70,000
2016	CN	STP-Local	\$2,700,000	\$2,160,000		\$540,000

AMENDMENT #		ADJUSTMENT #	11-9/1/15	REMARKS	In previous TIP (2011-2014). PE-N obligated in FY 2010 and PE-D was obligated in FY 2012.
-------------	--	--------------	-----------	---------	---

**Location Map**

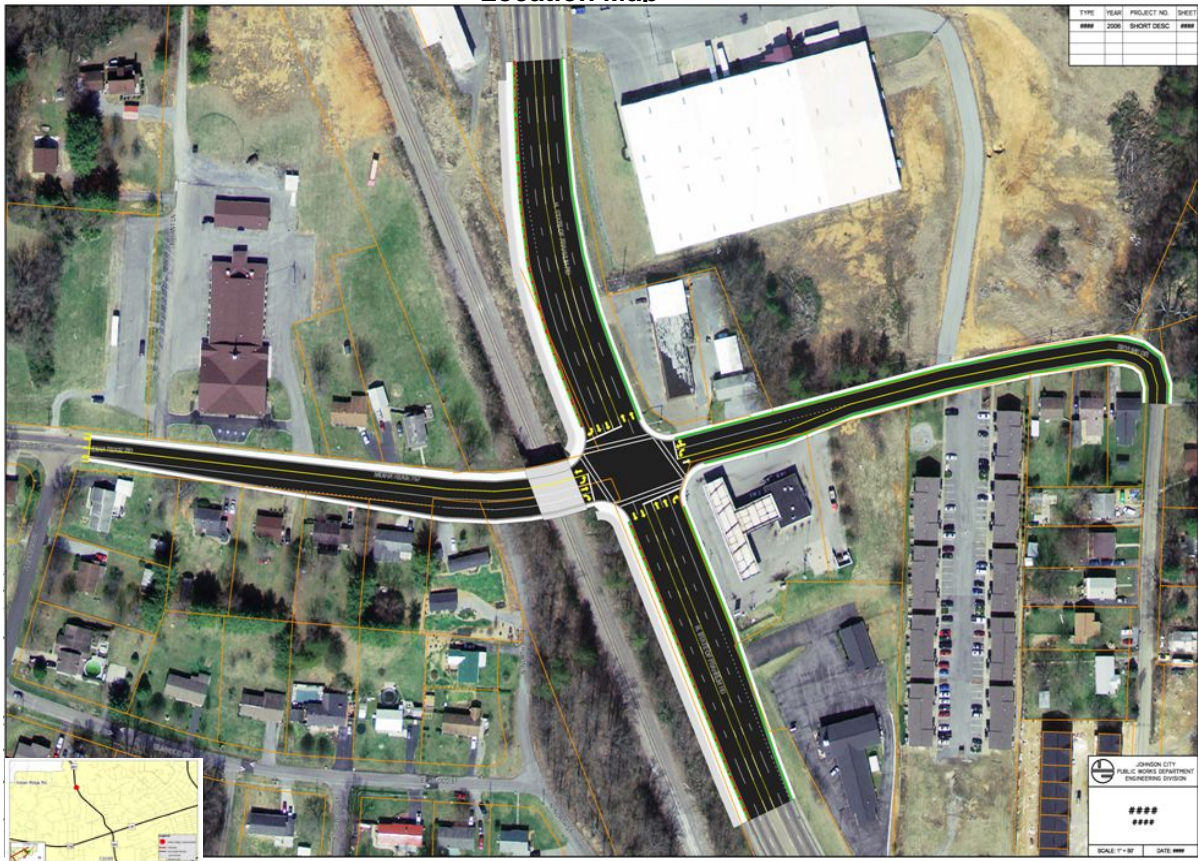


TIP #	2008-05	TDOT PIN#	111351.00	PRIORITY	High	LEAD AGENCY	Johnson City
COUNTY/CITY	Washington/Johnson City	LENGTH	1 mi	L RTP#	E+C Page 5-5	CONFORMITY	Attainment
PROJECT NAME	SR 381 at Indian Ridge Improvements		TOTAL PROJECT COST	\$5,700,000			
TERMINI OR INTERSECTION	Intersection of SR 381 (State of Franklin) at Indian Ridge Rd. Note: This is for all approaches including Skyline Dr., on the east side of SR 381.						
PROJECT DESCRIPTION	Add turn lanes, bridge rehabilitation						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2015	ROW	STP-Local	\$350,000	\$280,000		\$70,000
2016	CN	STP-Local	\$4,900,000	\$3,920,000		\$980,000

AMENDMENT #	3-12/10/15	ADJUSTMENT #	11-9/1/15	REMARKS	In previous TIP (2011-2014). PE-N obligated in FY 2010 and PE-D was obligated in FY 2012.
-------------	------------	--------------	-----------	---------	---

**Location Map**

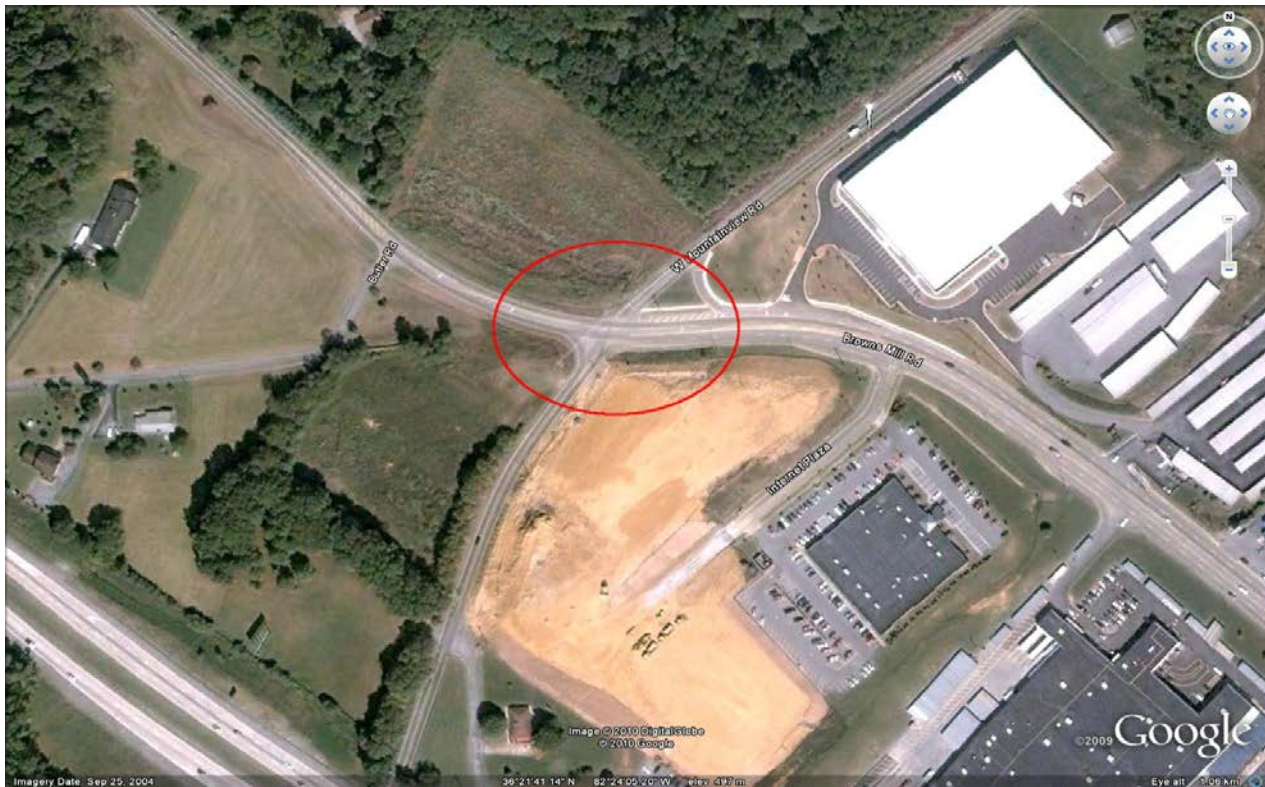


TIP #	2010-05	TDOT PIN#	114592	PRIORITY	HIGH	LEAD AGENCY	Johnson City
COUNTY	Washington	LENGTH	N/A	L RTP#	E+C Page 5-5	CONFORMITY	Attainment
PROJECT NAME	Traffic Circle for Mountainview Road		TOTAL PROJECT COST	\$450,000			
TERMINI OR INTERSECTION	Intersection of Mountainview Road and Browns Mill Road						
PROJECT DESCRIPTION	Installation of traffic circle at the intersection of Mountainview Road and Browns Mill Road.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2014	PE	STP-Local	\$53,000	\$53,000		
2014	ROW	STP-Local	\$25,000	\$25,000		
2014	CN	STP-Local	\$297,000	\$297,000		

AMENDMENT #		ADJUSTMENT #	4- 4/17/14	REMARKS	In previous 2011-2014 TIP.

Location Map



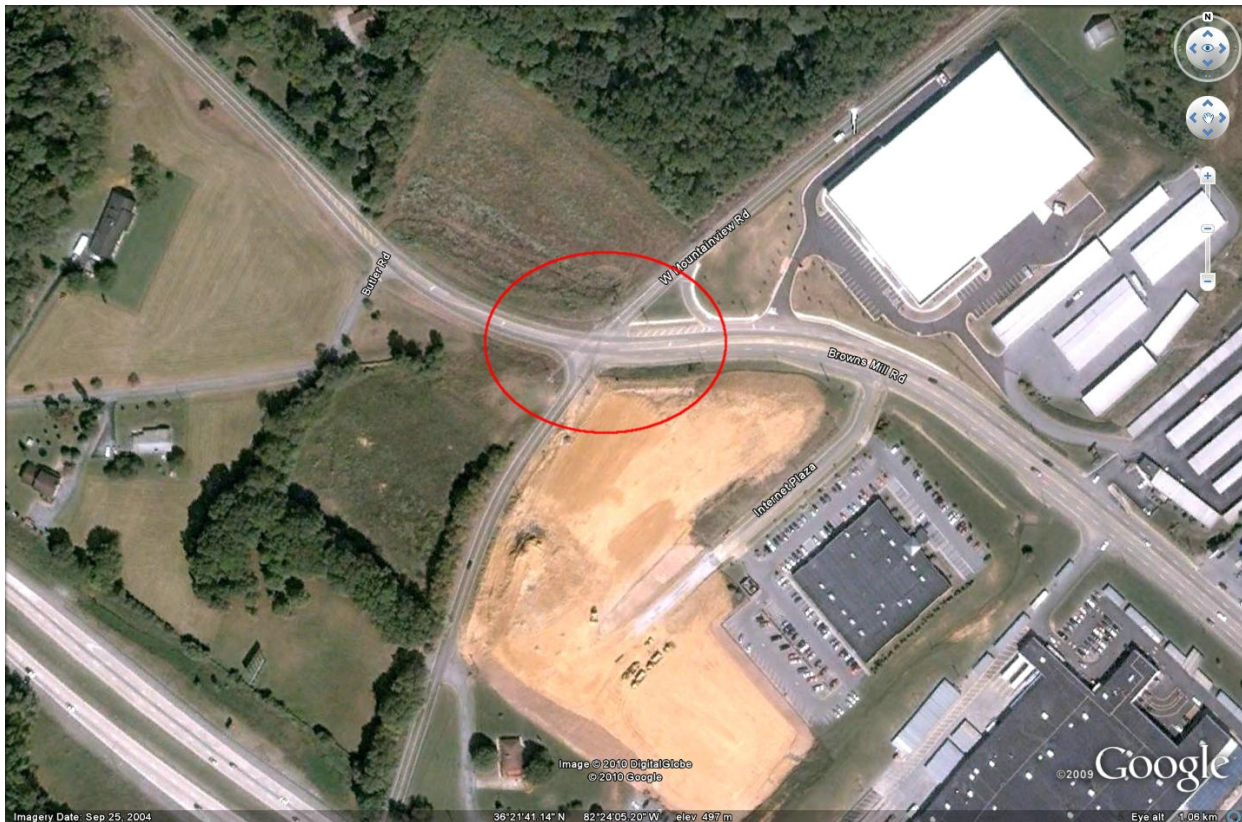


TIP #	2010-05	TDOT PIN#	114592	PRIORITY	HIGH	LEAD AGENCY	Johnson City
COUNTY	Washington	LENGTH	N/A	L RTP#	E+C Page 5-5	CONFORMITY	Attainment
PROJECT NAME	Traffic Circle for Mountainview Road		TOTAL PROJECT COST	\$1,453,000			
TERMINI OR INTERSECTION	Intersection of Mountainview Road and Browns Mill Road						
PROJECT DESCRIPTION	Installation of traffic circle at the intersection of Mountainview Road and Browns Mill Road.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2014	PE	STP-Local	\$53,000	\$53,000		
2014	ROW	STP-Local	\$25,000	\$25,000		
2016	CN	STP-Local	\$1,300,000	\$1,300,000		

AMENDMENT #	3-12/10/15	ADJUSTMENT #	4- 4/17/14	REMARKS	In previous 2011-2014 TIP.

**Location Map**

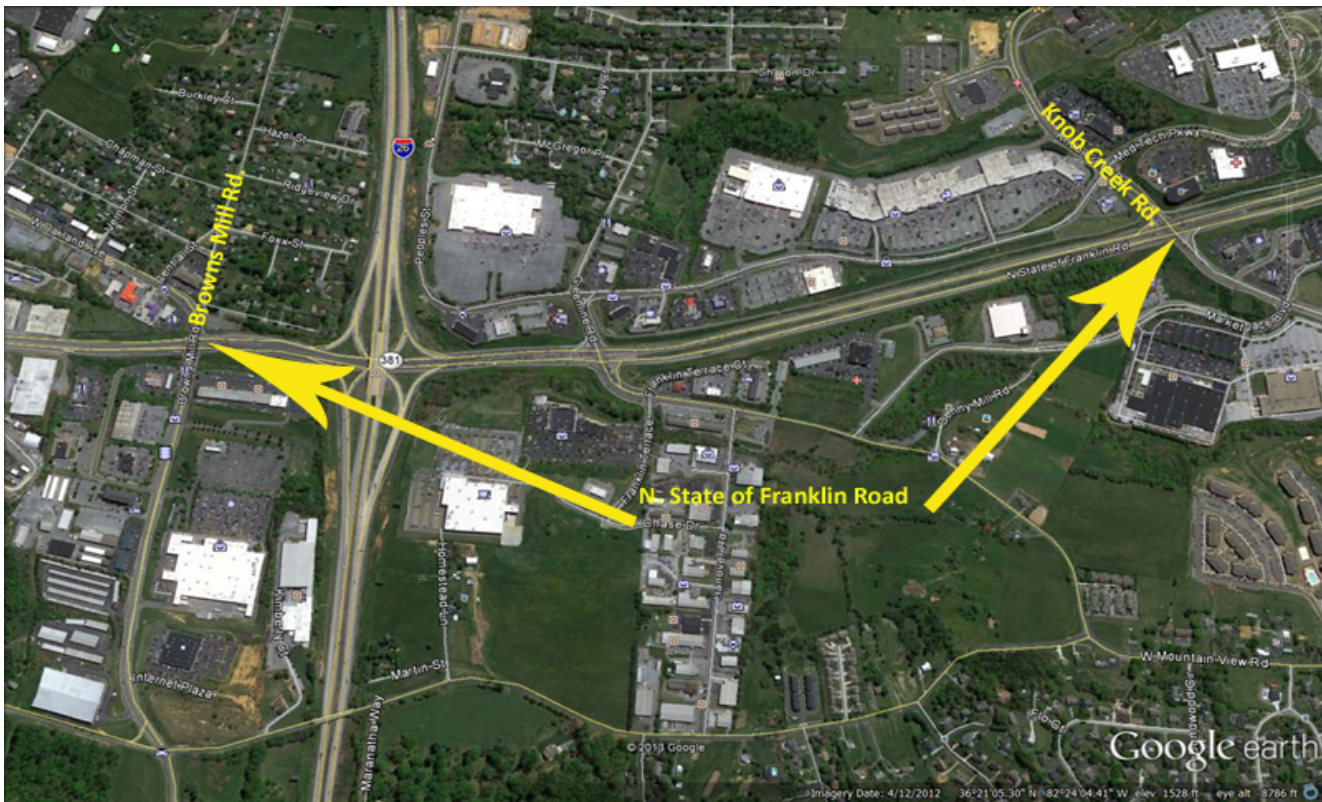


TIP #	2013-02	TDOT PIN#		PRIORITY	HIGH	LEAD AGENCY	Johnson City
COUNTY	Washington	LENGTH	1.6 mi.	LRTP#	Consistent with plan	CONFORMITY	Attainment
PROJECT NAME	Adaptive Signal Control on North State of Franklin / I-26 Corridor- Phase 1		TOTAL PROJECT COST	\$290,000			
TERMINI OR INTERSECTION	SR 381 corridor, with adjacent intersections, beginning at Knob Creek Road and ending at Browns Mill Road						
PROJECT DESCRIPTION	Phase 1: Add adaptive signal control on State of Franklin in the vicinity of I-26 to improve safety and reduce congestion.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2014	PE-N	STP - Local	\$10,000	\$10,000	\$0.00	\$0.00
2014	PE-D	STP - Local	\$20,000	\$20,000	\$0.00	\$0.00
2014	CN	STP - Local	\$260,000	\$260,000	\$0.00	\$0.00

AMENDMENT #		ADJUSTMENT #		REMARKS	In previous 2011-2014 TIP

Location Map



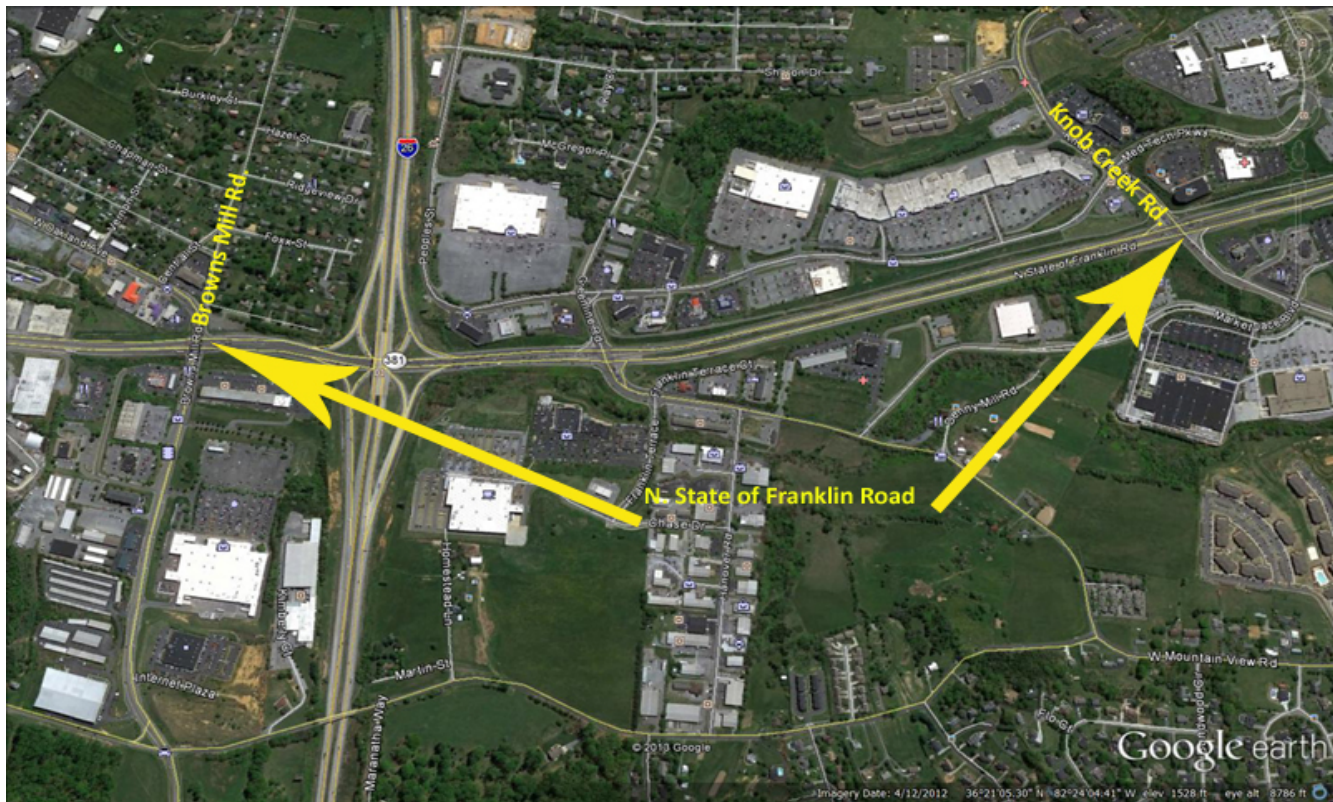
Amended to  
Delay Project

TIP #	2013-02	TDOT PIN#		PRIORITY	HIGH	LEAD AGENCY	Johnson City
COUNTY	Washington	LENGTH	1.6 mi.	LRTP#	Consistent with plan	CONFORMITY	Attainment
PROJECT NAME	Adaptive Signal Control on North State of Franklin / I-26 Corridor- Phase 1			TOTAL PROJECT COST	\$290,000		
TERMINI OR INTERSECTION	SR 381 corridor, with adjacent intersections, beginning at Knob Creek Road and ending at Browns Mill Road						
PROJECT DESCRIPTION	Phase 1: Add adaptive signal control on State of Franklin in the vicinity of I-26 to improve safety and reduce congestion.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
	PE-N	STP - Local	\$0	\$0	\$0.00	\$0.00
	PE-D	STP - Local	\$0	\$0	\$0.00	\$0.00
	CN	STP - Local	\$0	\$0	\$0.00	\$0.00

AMENDMENT #	3-12/10/15	ADJUSTMENT #		REMARKS	In previous 2011-2014 TIP <span style="color: red;">Delay Project to another TIP</span>
-------------	------------	--------------	--	---------	--

**Location Map**

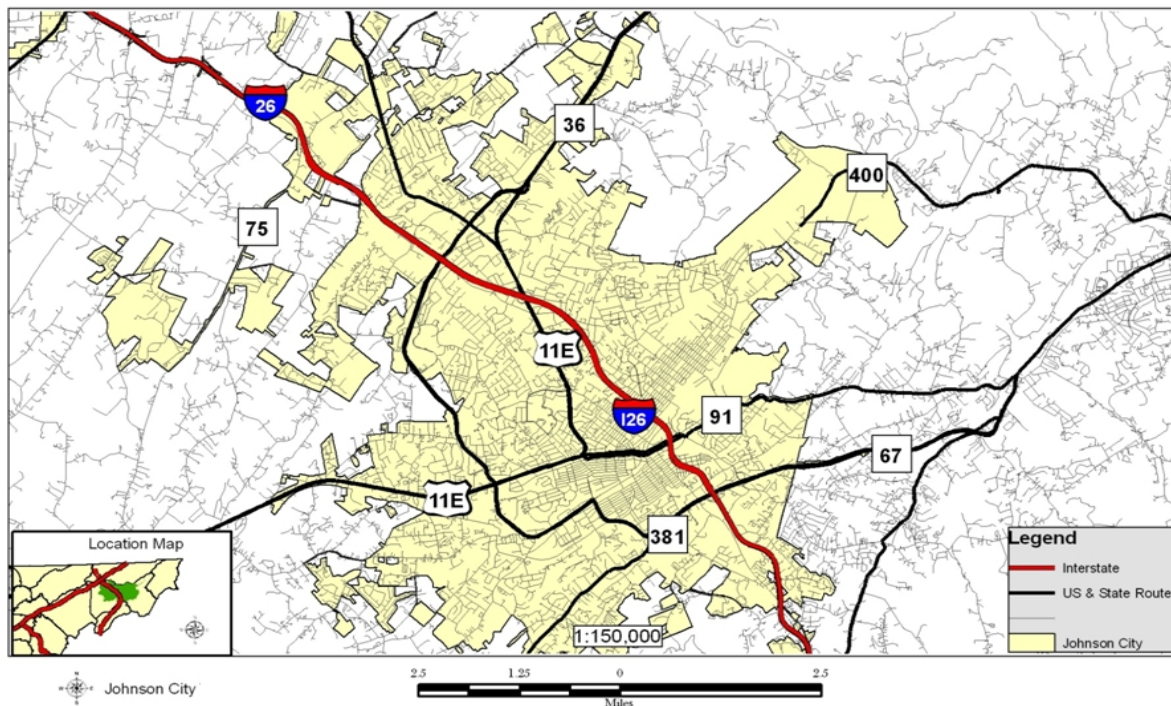


TIP #	2014-11	TDOT PIN#		PRIORITY	High	LEAD AGENCY	Johnson City
COUNTY/CITY	Washington/Johnson City	LENGTH	N/A	L RTP#		CONFORMITY	Consistent with plan
PROJECT NAME	Adaptive Signal Control Phase 2		TOTAL PROJECT COST	\$670,000			
TERMINI OR INTERSECTION	Systemwide deployment to add adaptive signal control throughout the Johnson City Traffic Signal System.						
PROJECT DESCRIPTION	Phase 2: Deployment of real-time adaptive traffic signal control technologies (hardware and software) that will adjust to changing traffic conditions through out a 24/7 cycle.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2014	PE-N	STP-Local	\$50,000	\$50,000		
2014	PE-D	STP-Local	\$50,000	\$50,000		
2014	CN	STP-Local	\$570,000	\$570,000		

AMENDMENT #		ADJUSTMENT #	6-9/24/14	REMARKS	Adaptive Singal Control Phase 2
-------------	--	--------------	-----------	---------	---------------------------------

### Location Map



**Amended to  
Delay Project**

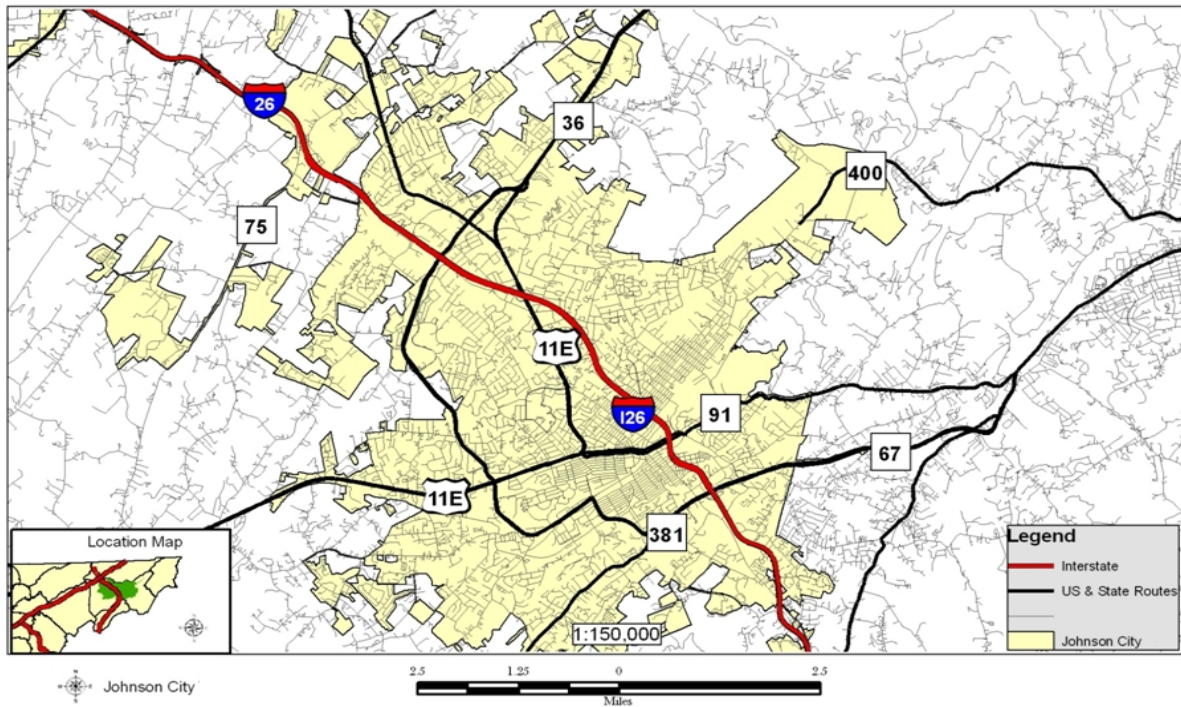
TIP #	2014-11	TDOT PIN#		PRIORITY	High	LEAD AGENCY	Johnson City
COUNTY/CITY	Washington/Johnson City	LENGTH	N/A	L RTP#	Consistent with plan	CONFORMITY	Attainment
PROJECT NAME	Adaptive Signal Control Phase 2		TOTAL PROJECT COST	\$670,000			
TERMINI OR INTERSECTION	Systemwide deployment to add adaptive signal control throughout the Johnson City Traffic Signal System.						
PROJECT DESCRIPTION	Phase 2: Deployment of real-time adaptive traffic signal control technologies (hardware and software) that will adjust to changing traffic conditions through out a 24/7 cycle.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
	PE-N	STP-Local	\$0	\$0		
	PE-D	STP-Local	\$0	\$0		
	CN	STP-Local	\$0	\$0		

AMENDMENT #	3-12/10/15	ADJUSTMENT #	6-9/24/14	REMARKS	Adaptive Singal Control Phase 2 Deploy Project to another TIP
-------------	------------	--------------	-----------	---------	--

**Location Map**

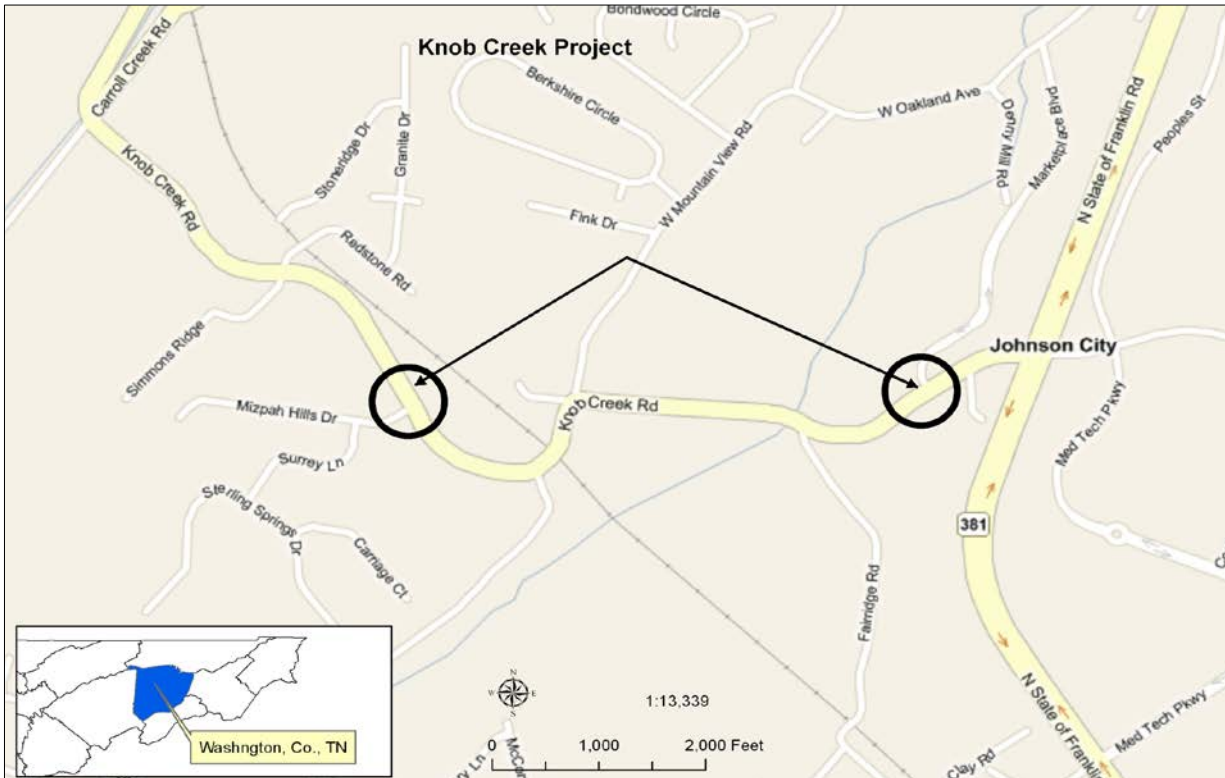


TIP #	2006-11	TDOT PIN#	102620.00	PRIORITY	High	LEAD AGENCY	TDOT
COUNTY/CITY	Washington/Johnson City	LENGTH	0.939	LRTP#	E+C Page 5-5	CONFORMITY	Attainment
PROJECT NAME	Knob Creek Road Extension- Phase 1		TOTAL PROJECT COST	\$17,988,456			
TERMINI OR INTERSECTION	Knob Creek Road, from west of Mizpah Hill Drive to Market Place Blvd.						
PROJECT DESCRIPTION	Widen existing 2 lane road to five lanes with new alignment, and new construction including bridge over CSX rail.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2014	ROW	HPP	\$3,262,139	\$2,609,711	\$ -	\$652,428
2014	ROW	STP-Local	\$2,726,317	\$2,181,054	\$ -	\$545,263
2017	CN	STP-Local	\$4,000,000	\$3,200,000	\$ -	\$800,000

AMENDMENT #		ADJUSTMENT #		REMARKS	In previous 2011-2014 TIP. (TN182/HPP-2904 TN212/HPP-4940)
-------------	--	--------------	--	---------	--

Location Map

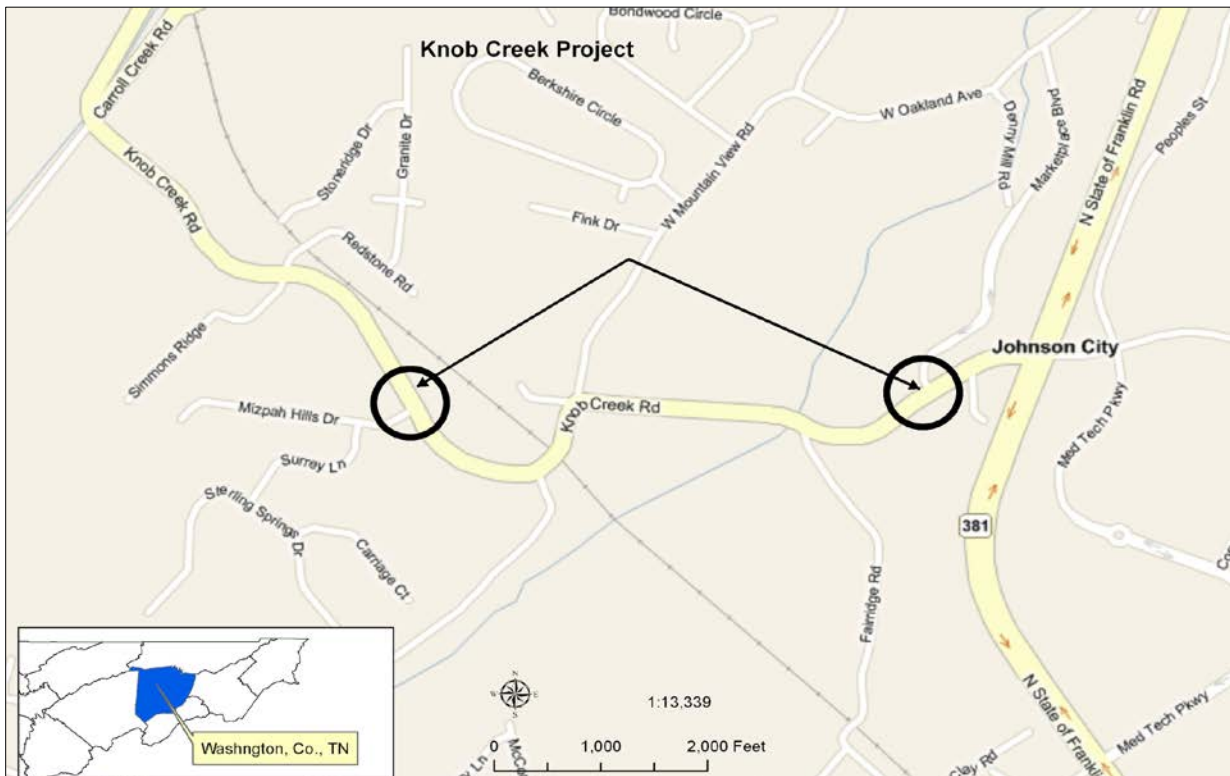


TIP #	2006-11	TDOT PIN#	102620.00	PRIORITY	High	LEAD AGENCY	TDOT
COUNTY/CITY	Washington/Johnson City	LENGTH	0.939	LRTP#	E+C Page 5-5	CONFORMITY	Attainment
PROJECT NAME	Knob Creek Road Extension- Phase 1		TOTAL PROJECT COST	\$17,988,456			
TERMINI OR INTERSECTION	Knob Creek Road, from west of Mizpah Hill Drive to Market Place Blvd.						
PROJECT DESCRIPTION	Widen existing 2 lane road to five lanes with new alignment, and new construction including bridge over CSX rail.						

FISCAL YEAR	TYPE OF WORK	FUNDING TYPE	TOTAL FUNDS	FED FUNDS	STATE FUNDS	LOCAL FUNDS
2014	ROW	HPP	\$3,262,139	\$2,609,711	\$ -	\$652,428
2014	ROW	STP-Local	\$2,726,317	\$2,181,054	\$ -	\$545,263
2017	ROW	STP-Local	\$1,757,000	\$1,405,600	\$ -	\$351,400

AMENDMENT #	3-12/10/15	ADJUSTMENT #	
REMARKS	In previous 2011-2014 TIP. (TN182/HPP-2904 TN212/HPP-4940)		

### Location Map



## Johnson City MTPO FY 2014 - 2017 TIP

## Highway Funding Summary

Tables reflect Year of Expenditure Dollars and a 2.5% inflation rate was used.

Highway Totals for FY 2014					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$9,403,167	\$7,522,533	\$1,115,718	\$764,916	\$0
NHPP	\$300,000	\$260,000	\$40,000	\$0	\$0
STP (State)	\$1,300,000	\$1,040,000	\$260,000	\$0	\$0
STP (Local)*	\$6,611,317	\$6,032,054	\$0	\$579,263	\$4,728,121
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
TE	\$830,000	\$664,000	\$0	\$166,000	\$0
Safe Routes to School	\$500,000	\$500,000	\$0	\$0	\$0
Oper. & Maint.	\$13,916,957	\$0	\$0	\$13,916,957	\$0
FLAP	\$765,000	\$612,000	\$0	\$153,000	\$0
<b>Totals:</b>	<b>\$35,626,441</b>	<b>\$18,430,587</b>	<b>\$1,615,718</b>	<b>\$15,580,136</b>	<b>\$4,728,121</b>

\* A total of \$622,500 in STP (Local) Federal Funds will be flexed for transit use in FY 2014. These funds have been deducted from the STP (Local) balance and are only shown in the Transit Summary - not in the Highway Summary.

Highway Totals for FY 2015					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$722,892	\$578,313	\$0	\$144,579	\$0
NHPP	\$620,000	\$548,000	\$72,000	\$0	\$0
STP (State)	\$450,000	\$360,000	\$90,000	\$0	\$0
STP (Local)	\$664,694	\$575,128	\$0	\$89,566	\$5,634,780
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
PHSIP	\$100,000	\$100,000	\$0	\$0	\$0
TCSP	\$35,000	\$35,000	\$0	\$0	\$0
TE	\$0	\$0	\$0	\$0	\$0
Safe Routes to School	\$0	\$0	\$0	\$0	\$0
Oper. & Maint.	\$14,056,127	\$0	\$0	\$14,056,127	\$0
FLAP	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>	<b>\$18,648,713</b>	<b>\$3,996,441</b>	<b>\$362,000</b>	<b>\$14,290,272</b>	<b>\$5,634,780</b>

Highway Totals for FY 2016					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$0	\$0	\$0	\$0	\$0
NHPP	\$800,000	\$670,000	\$130,000	\$0	\$0
STP (State)	\$100,000	\$80,000	\$20,000	\$0	\$0
STP (Local)	\$3,300,000	\$2,640,000	\$0	\$660,000	\$1,416,567
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
TCSP	\$0	\$0	\$0	\$0	\$0
TE	\$0	\$0	\$0	\$0	\$0
Safe Routes to School	\$0	\$0	\$0	\$0	\$0
Oper. & Maint.	\$14,196,689	\$0	\$0	\$14,196,689	\$0
FLAP	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>	<b>\$20,396,689</b>	<b>\$5,190,000</b>	<b>\$350,000</b>	<b>\$14,856,689</b>	<b>\$1,416,567</b>

Highway Totals for FY 2017					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$0	\$0	\$0	\$0	\$0
NHPP	\$2,100,000	\$1,880,000	\$220,000	\$0	\$0
STP (State)	\$100,000	\$80,000	\$20,000	\$0	\$0
STP (Local)	\$4,110,000	\$3,310,000	\$0	\$800,000	\$1,382,754
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
TCSP	\$0	\$0	\$0	\$0	\$0
TE	\$0	\$0	\$0	\$0	\$0
Safe Routes to School	\$0	\$0	\$0	\$0	\$0
Oper. & Maint.	\$14,338,656	\$0	\$0	\$14,338,656	\$0
FLAP	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>	<b>\$22,648,656</b>	<b>\$7,070,000</b>	<b>\$440,000</b>	<b>\$15,138,656</b>	<b>\$1,382,754</b>



**Johnson City MTPO FY 2014 - 2017 TIP  
Highway Funding Summary**

Tables reflect Year of Expenditure Dollars and a 2.5% inflation rate was used.

Highway Totals for FY 2014					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$9,403,167	\$7,522,533	\$1,115,718	\$764,916	\$0
NHPP	\$300,000	\$260,000	\$40,000	\$0	\$0
STP (State)	\$1,300,000	\$1,040,000	\$260,000	\$0	\$0
<b>STP (Local)*</b>	<b>\$5,354,317</b>	<b>\$4,775,054</b>	<b>\$0</b>	<b>\$579,263</b>	<b>\$4,728,121</b>
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
TE	\$830,000	\$664,000	\$0	\$166,000	\$0
Safe Routes to School	\$500,000	\$500,000	\$0	\$0	\$0
Oper. & Maint.	\$13,916,957	\$0	\$0	\$13,916,957	\$0
FLAP	\$765,000	\$612,000	\$0	\$153,000	\$0
<b>Totals:</b>	<b>\$34,369,441</b>	<b>\$17,173,587</b>	<b>\$1,615,718</b>	<b>\$15,580,136</b>	<b>\$4,728,121</b>

\* A total of \$622,500 in STP (Local) Federal Funds will be flexed for transit use in FY 2014. These funds have been deducted from the STP (Local) balance and are only shown in the Transit Summary - not in the Highway Summary.

Highway Totals for FY 2015					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$722,892	\$578,313	\$0	\$144,579	\$0
NHPP	\$620,000	\$548,000	\$72,000	\$0	\$0
STP (State)	\$450,000	\$360,000	\$90,000	\$0	\$0
STP (Local)	\$664,694	\$575,128	\$0	\$89,566	\$5,634,780
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
PHSIP	\$100,000	\$100,000	\$0	\$0	\$0
TCSP	\$35,000	\$35,000	\$0	\$0	\$0
TE	\$0	\$0	\$0	\$0	\$0
Safe Routes to School	\$0	\$0	\$0	\$0	\$0
Oper. & Maint.	\$14,056,127	\$0	\$0	\$14,056,127	\$0
FLAP	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>	<b>\$18,648,713</b>	<b>\$3,996,441</b>	<b>\$362,000</b>	<b>\$14,290,272</b>	<b>\$5,634,780</b>

Highway Totals for FY 2016					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$0	\$0	\$0	\$0	\$0
NHPP	\$800,000	\$670,000	\$130,000	\$0	\$0
STP (State)	\$100,000	\$80,000	\$20,000	\$0	\$0
<b>STP (Local)</b>	<b>\$6,800,000</b>	<b>\$5,700,000</b>	<b>\$0</b>	<b>\$1,100,000</b>	<b>\$1,416,567</b>
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
TCSP	\$0	\$0	\$0	\$0	\$0
TE	\$0	\$0	\$0	\$0	\$0
Safe Routes to School	\$0	\$0	\$0	\$0	\$0
Oper. & Maint.	\$14,196,689	\$0	\$0	\$14,196,689	\$0
FLAP	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>	<b>\$23,896,689</b>	<b>\$8,250,000</b>	<b>\$350,000</b>	<b>\$15,296,689</b>	<b>\$1,416,567</b>

Highway Totals for FY 2017					
Funding Source	Total Programmed Funds	Available Federal Funds	Available State Funds	Available Local Funds	Unprogrammed Balance
HPP	\$0	\$0	\$0	\$0	\$0
NHPP	\$2,100,000	\$1,880,000	\$220,000	\$0	\$0
STP (State)	\$100,000	\$80,000	\$20,000	\$0	\$0
<b>STP (Local)</b>	<b>\$1,867,000</b>	<b>\$1,515,600</b>	<b>\$0</b>	<b>\$351,400</b>	<b>\$1,382,754</b>
HSIP	\$2,000,000	\$1,800,000	\$200,000	\$0	\$0
TCSP	\$0	\$0	\$0	\$0	\$0
TE	\$0	\$0	\$0	\$0	\$0
Safe Routes to School	\$0	\$0	\$0	\$0	\$0
Oper. & Maint.	\$14,338,656	\$0	\$0	\$14,338,656	\$0
FLAP	\$0	\$0	\$0	\$0	\$0
<b>Totals:</b>	<b>\$20,405,656</b>	<b>\$5,275,600</b>	<b>\$440,000</b>	<b>\$14,690,056</b>	<b>\$1,382,754</b>

**Johnson City MTPO  
2014 - 2017 TIP  
STP (Local) - Federal Funds Summary**

<b>2014</b>		
Carryover Balance		\$8,643,888
Allocation	+	\$1,481,787
Total Funds Available	=	\$10,125,675
Projects*	-	\$6,654,554
<b>Remaining 2014</b>	<b>=</b>	<b>\$3,471,121</b>

<b>2015</b>		
Carryover Balance		\$3,471,121
Allocation	+	\$1,481,787
Total Funds Available	=	\$4,952,908
Projects	-	\$575,128
<b>Remaining 2015</b>	<b>=</b>	<b>\$4,377,780</b>

<b>2016</b>		
Carryover Balance		\$4,377,780
Allocation	+	\$1,481,787
Total Funds Available	=	\$5,859,567
Projects	-	\$2,640,000
<b>Remaining 2016</b>	<b>=</b>	<b>\$3,219,567</b>

<b>2017</b>		
Carryover Balance		\$3,219,567
Allocation	+	\$1,481,787
Total Funds Available	=	\$4,701,354
Projects	-	\$3,310,000
<b>Remaining 2017</b>	<b>=</b>	<b>\$1,391,354</b>

\* In addition to programmed projects of \$6,032,054, a total of \$622,500 in STP (Local) Federal Funds will be flexed for transit use in FY 2014.

**Johnson City MTPO  
2014 - 2017 TIP  
STP (Local) - Federal Funds Summary**

<b>2014</b>		
Carryover Balance		\$8,643,888
Allocation	+	\$1,481,787
Total Funds Available	=	\$10,125,675
Projects*	-	<b>\$5,397,554</b>
<b>Remaining 2014</b>	<b>=</b>	<b>\$4,728,121</b>

<b>2015</b>		
Carryover Balance		\$4,728,121
Allocation	+	\$1,481,787
Total Funds Available	=	\$6,209,908
Projects	-	\$575,128
<b>Remaining 2015</b>	<b>=</b>	<b>\$5,634,780</b>

<b>2016</b>		
Carryover Balance		\$5,634,780
Allocation	+	\$1,481,787
Total Funds Available	=	\$7,116,567
Projects	-	<b>\$5,700,000</b>
<b>Remaining 2016</b>	<b>=</b>	<b>\$1,416,567</b>

<b>2017</b>		
Carryover Balance		\$1,416,567
Allocation	+	\$1,481,787
Total Funds Available	=	\$2,898,354
Projects	-	<b>\$1,515,600</b>
<b>Remaining 2017</b>	<b>=</b>	<b>\$1,382,754</b>

\* In addition to programmed projects of \$4,775,054, a total of \$622,500 in STP (Local) Federal Funds will be flexed for transit use in FY 2014.

**RESOLUTION OF THE EXECUTIVE BOARD OF THE JOHNSON CITY METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION (MTPO) TO AMEND**

**THE 2014-2017 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) TO ADD CONSTRUCTION FUNDING TO THE TRAFFIC CIRCLE AT MOUNTAIN VIEW RD AND SR 381 (N STATE OF FRANKLIN RD) AT INDIAN RIDGE RD PROJECTS**

**WHEREAS**, Johnson City Metropolitan Transportation Planning Organization (MTPO) is responsible for programming of funds for Transportation Purposes; and

**WHEREAS**, it is the responsibility of the Johnson City MTPO to program these funds for transportation projects in the Transportation Improvement Program (TIP); and

**WHEREAS**, Johnson City MTPO is adding construction funds to the Traffic Circle at Mountain View Rd and SR 381 (N State of Franklin Rd) at Indian Ridge Rd Projects; and

**WHEREAS**, Johnson City MTPO is delaying two projects, Adaptive Signal Control Phases 1 and 2, to another TIP, delaying the construction phase of Knob Creek Rd Extension to another TIP, and moving those funds to the Mountain View Rd and SR 381 Projects; and

**NOW, THEREFORE, BE IT RESOLVED** that the Executive Board of the Johnson City Metropolitan Transportation Planning Organization does hereby amend the 2014 – 2017 Transportation Improvement Program to add construction funding to the Traffic Circle at Mountain View Rd and SR 381 (N State of Franklin Rd) at Indian Ridge Rd Projects.

\_\_\_\_\_  
MTPO Executive Board, Chairperson

\_\_\_\_\_  
Date

\_\_\_\_\_  
MTPO Executive Staff, Chairperson

\_\_\_\_\_  
Date

# ITEM 8

**Resolution 2015-08:** Consider approval of amendment to the Fiscal Year 2016 Unified Planning Work Program to add funding to Task A2 to purchase LIDAR data

The Johnson City MTPO became aware of an opportunity to partner with the State of Tennessee to purchase LIDAR data for Carter and Washington Counties. Data for Sullivan and Unicoi Counties are being purchased by other agencies. LIDAR, or light detection and ranging, consists of an airborne laser profiling system that collects three dimensional profiles of the earth and can be used to create two foot elevation contours. This type of data will be extremely helpful as we begin the update to the Long Range Transportation Plan in the next year and also for other applications, such as GIS mapping.

In order to purchase the data, the Fiscal Year 2016 UPWP must be amended to add funding to Task A2 - Maintenance of Data Inventories and Surveillance. The Johnson City MTPO has an estimated \$366,210 in unprogrammed federal PL 112 grant funds. It is proposed to add \$88,000 in PL funds to Task A2, along with adding an additional \$22,000 in local matching funds, leaving \$278,210 in the unprogrammed balance.

The current budget for Task A2 – Maintenance of Data Inventories and Surveillance is as follows:

Task A2 – Maintenance of Data Inventories & Surveillance – FY 2016						
PL 112	Local Match	Johnson City MTPO Total	State SPR	State SPR Match	State SPR Total	Total
\$60,000	\$15,000	\$75,000	\$12,617	\$3,155	\$15,772	\$90,722

The amendment will add \$110,000 to the Johnson City MTPO portion of the task budget:

Task A2 – Maintenance of Data Inventories & Surveillance – FY 2016						
PL 112	Local Match	Johnson City MTPO Total	State SPR	State SPR Match	State SPR Total	Total
\$148,000	\$37,000	\$185,000	\$12,617	\$3,155	\$15,772	\$200,772

The old and new pages of the UPWP have been attached.

It is recommended this amendment to the Fiscal Year 2016 UPWP be approved by the Johnson City MTPO Executive Board by vote and accompanying resolution.

## Task A2 – Maintenance of Data Inventories and Surveillance (PL 112)

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

### **Purpose**

For the Johnson City MTPO:

- Inventory of transportation, demographic, and land-use data;
- Johnson City MTPO Urbanized Area and MPA boundaries;
- Database development;
- Maintenance and improvement of equipment necessary for data inventories; and
- Maintenance of the Johnson City MTPO website for dissemination of information.

For TDOT: Inventory of Transportation Data

### **Previous Work**

For the Johnson City MTPO:

- Collection and analysis of the following data on a local and regional basis for input into the next L RTP update and TIP:
  - Population datasets from the 2010 Census, American Community Survey and other Census Bureau products;
  - Commuter patterns;
  - Bicycle and pedestrian facilities;
  - Freight information;
  - Land use;
  - Traffic data; and
  - Access to ETRIMS.
- Upon review of commercial data products, InfoUSA was purchased.
- Update of the Functional Classification System for the Johnson City MTPO MPA.
- Maintained the Johnson City MTPO website with all documents, meetings, public notices, procurement, and upcoming events for public viewing.

For TDOT:

- Traffic volumes were collected annually throughout the Johnson City MTPO MPA by TDOT.
- Special count data collected for design projects as required.
- Crash data from Tennessee Department of Safety coded and filed.
- High hazard accident data furnished for safety studies as needed.

## Old Pages

### Activities for FY 2016

#### For the Johnson City MTPO:

- Update and purchase/collect data on traffic, freight, bicycle and pedestrian facilities, population, land use, and socioeconomic data, if available and needed.
- Maintain databases necessary for the LRTP, Travel Demand Model, and any other data that may need to be purchased. This would also include any data needed for any potential air quality attainment changes.
- 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.
- Maintain databases and mapping systems capable of storing, retrieving, correlating, analyzing, and displaying geographic information. This includes purchases of equipment needed by the Johnson City MTPO for storing data and for display purposes for various visualization techniques.
- 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.
- Continual updating of Johnson City MTPO website to provide up to date information and enhanced access to transportation planning products to the public and Johnson City MTPO member agencies.
- Updating and maintenance of data including products for GIS analysis and advanced visualization techniques from the Johnson City MTPO and website.
- Utilize professional services to assist in data collection, organization, traffic count, collection, and maintenance of GIS databases, as needed.
- Maintain the database for TransCAD model, which includes economic, population and socioeconomic data, for the future update of the LRTP and TIP. This would include purchase of databases if available.
- Monitor State Functional Classification System for Johnson City MTPO MPA.

#### For TDOT:

- Continue to collect annual traffic count data at established stations.
- Conduct special traffic counts as needed for planning and design projects.
- Maintain accident file and furnish high hazard listings and other safety data as required.
- Travel time studies will be conducted if needed for special studies.

### End Products (Schedule)

#### For the Johnson City MTPO:

- Local and regional population and land use data (As needed).
- Purchase or collect socioeconomic data, if available (As needed).
- Maintain Johnson City MTPO website at <http://www.jcmpo.org> (Ongoing).
- Update GIS software and other software needed to keep database current (Annually).
- Develop maps of urbanized area, MPA, demographics, functional classification system, and other maps (As needed).
- Database management for the Travel Demand Model (Ongoing).

## Old Pages

### For TDOT:

- Traffic counts (including peak hour volumes, vehicle classification, directional distribution, etc) (September-November).
- Vehicle Miles Traveled (VMT) (Ongoing).
- Accident Data (Ongoing).

**MAP-21 Factors Considered:** This task considers seven of the eight MAP-21 Factors, as shown in Table 2 on page 18, while collecting and analyzing data.

### Budget and Funding Source

Task A2 – Maintenance of Data Inventories & Surveillance – FY 2016						
PL 112	Local Match	Johnson City MTPO Total	State SPR	State SPR Match	State SPR Total	Total
\$60,000	\$15,000	\$75,000	\$12,617	\$3,155	\$15,772	\$90,722



## Task A2 – Maintenance of Data Inventories and Surveillance (PL 112)

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

### **Purpose**

For the Johnson City MTPO:

- Inventory of transportation, demographic, and land-use data;
- Johnson City MTPO Urbanized Area and MPA boundaries;
- Database development;
- Maintenance and improvement of equipment necessary for data inventories; and
- Maintenance of the Johnson City MTPO website for dissemination of information.

For TDOT: Inventory of Transportation Data

### **Previous Work**

For the Johnson City MTPO:

- Collection and analysis of the following data on a local and regional basis for input into the next L RTP update and TIP:
  - Population datasets from the 2010 Census, American Community Survey and other Census Bureau products;
  - Commuter patterns;
  - Bicycle and pedestrian facilities;
  - Freight information;
  - Land use;
  - Traffic data; and
  - Access to ETRIMS.
- Upon review of commercial data products, InfoUSA was purchased.
- Update of the Functional Classification System for the Johnson City MTPO MPA.
- Maintained the Johnson City MTPO website with all documents, meetings, public notices, procurement, and upcoming events for public viewing.

For TDOT:

- Traffic volumes were collected annually throughout the Johnson City MTPO MPA by TDOT.
- Special count data collected for design projects as required.
- Crash data from Tennessee Department of Safety coded and filed.
- High hazard accident data furnished for safety studies as needed.

## New Pages

### Activities for FY 2016

#### For the Johnson City MTPO:

- Update and purchase/collect data on traffic, freight, bicycle and pedestrian facilities, population, land use, and socioeconomic data, if available and needed.
- Maintain databases necessary for the LRTP, Travel Demand Model, and any other data that may need to be purchased. This would also include any data needed for any potential air quality attainment changes.
- 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.
- Maintain databases and mapping systems capable of storing, retrieving, correlating, analyzing, and displaying geographic information. This includes purchases of equipment needed by the Johnson City MTPO for storing data and for display purposes for various visualization techniques.
- 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.
- Continual updating of Johnson City MTPO website to provide up to date information and enhanced access to transportation planning products to the public and Johnson City MTPO member agencies.
- Updating and maintenance of data including products for GIS analysis and advanced visualization techniques from the Johnson City MTPO and website.
- Utilize professional services to assist in data collection, organization, traffic count, collection, and maintenance of GIS databases, as needed.
- Maintain the database for TransCAD model, which includes economic, population and socioeconomic data, for the future update of the LRTP and TIP. This would include purchase of databases if available.
- Monitor State Functional Classification System for Johnson City MTPO MPA.

#### For TDOT:

- Continue to collect annual traffic count data at established stations.
- Conduct special traffic counts as needed for planning and design projects.
- Maintain accident file and furnish high hazard listings and other safety data as required.
- Travel time studies will be conducted if needed for special studies.

### End Products (Schedule)

#### For the Johnson City MTPO:

- Local and regional population and land use data (As needed).
- Purchase or collect socioeconomic data, if available (As needed).
- Maintain Johnson City MTPO website at <http://www.jcmpo.org> (Ongoing).
- Update GIS software and other software needed to keep database current (Annually).
- Develop maps of urbanized area, MPA, demographics, functional classification system, and other maps (As needed).
- Database management for the Travel Demand Model (Ongoing).

## New Pages

### For TDOT:

- Traffic counts (including peak hour volumes, vehicle classification, directional distribution, etc) (September-November).
- Vehicle Miles Traveled (VMT) (Ongoing).
- Accident Data (Ongoing).

**MAP-21 Factors Considered:** This task considers seven of the eight MAP-21 Factors, as shown in Table 2 on page 18, while collecting and analyzing data.

### Budget and Funding Source

Task A2 – Maintenance of Data Inventories & Surveillance – FY 2016						
PL 112	Local Match	Johnson City MTPO Total	State SPR	State SPR Match	State SPR Total	Total
\$148,000	\$37,000	\$185,000	\$12,617	\$3,155	\$15,772	\$200,772

Old Tables

## Budget Summary – Funding Sources

Table I								
Funding Sources- Johnson City Urban Area								
Fiscal Year 2016								
FEDERAL HIGHWAY ADMINISTRATION					FEDERAL TRANSIT ADMINISTRATION			
TASK	PL 112	LOCAL MATCH	SPR	TDOT MATCH	Sec. 5303	TDOT MATCH	LOCAL MATCH	TOTAL
A1. Administration	\$84,000.00	\$21,000.00	\$10,544.00	\$2,636.00	\$0.00	\$0.00	\$0.00	\$118,180.00
A2. Data Inventories	\$60,000.00	\$15,000.00	\$12,617.00	\$3,155.00	\$0.00	\$0.00	\$0.00	\$90,772.00
B. LRTP	\$32,000.00	\$8,000.00	\$28,209.00	\$7,052.00	\$0.00	\$0.00	\$0.00	\$75,261.00
C. TIP	\$48,000.00	\$12,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,000.00
D. Transit Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$36,000.00	\$4,500.00	\$4,500.00	\$45,000.00
E. Contingency	\$24,000.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00
<b>TOTAL</b>	<b>\$248,000</b>	<b>\$62,000</b>	<b>\$51,370</b>	<b>\$12,843</b>	<b>\$36,000</b>	<b>\$4,500</b>	<b>\$4,500</b>	<b>\$419,213</b>
Carryover Task from Fiscal Year 2015*								
FEDERAL HIGHWAY ADMINISTRATION					FEDERAL TRANSIT ADMINISTRATION			
TASK	PL 112	LOCAL MATCH	SPR	TDOT MATCH	Sec. 5303	TDOT MATCH	LOCAL MATCH	TOTAL
C2. TIP Database Software Dev.	\$20,000.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,000.00

\* Purchase Order was issued in June 2015; anticipate receiving invoice late in 2015 to complete this task.

Old Tables

## Budget Summary – Agency Participation

Table II			
Agency Participation- Johnson City Urban Area			
Fiscal Year 2016			
TASK	TDOT/SPR	MPO	TOTAL
A1. Administration	\$13,180.00	\$105,000.00	\$118,180.00
A2. Data Inventories	\$15,772.00	\$75,000.00	\$90,772.00
B. Long Range Planning	\$35,261.00	\$40,000.00	\$75,261.00
C. TIP	\$0.00	\$60,000.00	\$60,000.00
D. Transit Planning	\$4,500.00	\$40,500.00	\$45,000.00
E. Contingency	\$0.00	\$30,000.00	\$30,000.00
<b>TOTAL</b>	<b>\$68,713.00</b>	<b>\$350,500.00</b>	<b>\$419,213.00</b>
Carryover Task from Fiscal Year 2015			
TASK	TDOT/SPR	MPO	TOTAL
C2. TIP Database Software Dev.	\$0.00	\$25,000.00	\$25,000.00



New Tables

## Budget Summary – Funding Sources

Table I								
Funding Sources- Johnson City Urban Area								
Fiscal Year 2016								
	FEDERAL HIGHWAY ADMINISTRATION				FEDERAL TRANSIT ADMINISTRATION			
TASK	PL 112	LOCAL MATCH	SPR	TDOT MATCH	Sec. 5303	TDOT MATCH	LOCAL MATCH	TOTAL
A1. Administration	\$84,000.00	\$21,000.00	\$10,544.00	\$2,636.00	\$0.00	\$0.00	\$0.00	\$118,180.00
A2. Data Inventories	\$148,000.00	\$37,000.00	\$12,617.00	\$3,155.00	\$0.00	\$0.00	\$0.00	\$200,772.00
B. LRTP	\$32,000.00	\$8,000.00	\$28,209.00	\$7,052.00	\$0.00	\$0.00	\$0.00	\$75,261.00
C. TIP	\$48,000.00	\$12,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,000.00
D. Transit Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$36,000.00	\$4,500.00	\$4,500.00	\$45,000.00
E. Contingency	\$24,000.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00
<b>TOTAL</b>	<b>\$336,000</b>	<b>\$84,000</b>	<b>\$51,370</b>	<b>\$12,843</b>	<b>\$36,000</b>	<b>\$4,500</b>	<b>\$4,500</b>	<b>\$529,213</b>
Carryover Task from Fiscal Year 2015*								
	FEDERAL HIGHWAY ADMINISTRATION				FEDERAL TRANSIT ADMINISTRATION			
TASK	PL 112	LOCAL MATCH	SPR	TDOT MATCH	Sec. 5303	TDOT MATCH	LOCAL MATCH	TOTAL
C2. Software Dev.	\$20,000.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,000.00

\* Purchase Order was issued in June 2015; anticipate receiving invoice late in 2015 to complete this task.

New Tables

## Budget Summary – Agency Participation

Table II			
Agency Participation- Johnson City Urban Area			
Fiscal Year 2016			
TASK	TDOT/SPR	MPO	TOTAL
A1. Administration	\$13,180.00	\$105,000.00	\$118,180.00
A2. Data Inventories	\$15,772.00	\$185,000.00	\$200,772.00
B. Long Range Planning	\$35,261.00	\$40,000.00	\$75,261.00
C. TIP	\$0.00	\$60,000.00	\$60,000.00
D. Transit Planning	\$4,500.00	\$40,500.00	\$45,000.00
E. Contingency	\$0.00	\$30,000.00	\$30,000.00
<b>TOTAL</b>	<b>\$68,713.00</b>	<b>\$460,500.00</b>	<b>\$529,213.00</b>
Carryover Task from Fiscal Year 2015			
TASK	TDOT/SPR	MPO	TOTAL
C2. TIP Database Software Dev.	\$0.00	\$25,000.00	\$25,000.00





**RESOLUTION OF THE EXECUTIVE BOARD OF THE JOHNSON CITY METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION TO AMEND THE FISCAL YEAR 2016 UNIFIED PLANNING WORK PROGRAM (UPWP) TO ADD FUNDING TO TASK A2**

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

**Whereas**, under Federal Planning Guidelines MPO's 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 MTPO Area for Fiscal Year 2016; and

**Whereas**, the various state, local and regional agencies involved with transportation planning for the Johnson City MTPO Area have cooperatively developed a Unified Planning Work Program for Fiscal Year 2016; and

**Whereas**, additional funding is needed for Task A2 to purchase LIDAR data for Carter and Washington Counties in a partnership with the State of Tennessee; and

**Whereas**, the Fiscal Year 2016 UPWP will need to be amended to add the additional funding to Task A2 to complete the purchase; and

**NOW, THEREFORE, BE IT RESOLVED** that the Executive Board of the Johnson City Metropolitan Transportation Planning Organization does hereby approve the amendment to the FY 2016 Unified Planning Work Program (UPWP).

\_\_\_\_\_  
MTPO Executive Board, Chairperson

\_\_\_\_\_  
Date

\_\_\_\_\_  
MTPO Executive Staff, Chairperson

\_\_\_\_\_  
Date

# **ITEM 9**

**Other Business**

# **Adjourn**