

Johnson City Metropolitan Transportation Planning Organization Unified Planning Work Program

Fiscal Year 2007

***Si usted necesita este documento resumido en español contacta por favor al Coordinator del MTPO. Número de teléfono (423) 434-6272, Correo electrónico:jcmpo@jcmpo.org .**

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I. List of Abbreviations

ADA	Americans with Disabilities Act
EAC	Early Action Compact
EDA	Economic Development Administration
ELIZ	City of Elizabethton
ETSU	East Tennessee State University
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FTHRA	First Tennessee Human Resource Agency
FRA	Federal Railroad Administration
ISTEA	Intermodal Surface Transportation Efficiency Act
ITS	Intelligent Transportation Systems
JC	City of Johnson City
JCT	Johnson City Transit
LPA	Office of Local Planning Assistance
MPO	Metropolitan Planning Organization
MTPO	Metropolitan Transportation Planning Organization*
MSA	Metropolitan Statistical Area
PEA	Planning Emphasis Area
PL/Sec. 112	FHWA Section 112 Planning Funds
RFP	Request for Proposal
RPO	Rural Planning Organization
SAFETEA-LU Sec. 5303	Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users FTA Section 5303 Technical and Planning Funds
SPR	State Planning and Research Funds
TDOT	Tennessee Department of Transportation
PD	Planning and Development
PT/WRD	Public Transportation/Waterways Rail Division
TEA 21	Transportation Equity Act for the 21 st Century
TEMA	Tennessee Emergency Management Agency
TIP	Transportation Improvement Program
TSM	Transportation Systems Management
UPWP	Unified Planning Work Program
VMT	Vehicle Miles Traveled

*Same as MPO. When the Johnson City MPO was chartered it was given the name “MTPO” as to avoid confusion with regional planning commissions.

Introduction

In the 1960's, the United States Congress recognized the need for transportation planning with a regional focus. Legislation passed in 1962 mandated that any urban area over 50,000 was to establish a continuing, cooperative and comprehensive planning process (The 3C Planning Process). Metropolitan Planning Organizations (MPO's) were first created in 1969 to fulfill the 3C planning requirements for their regions.

The Johnson City MPO region first reached a population of over 50,000 during the 1980 United States Census. As a result of this population milestone, the Johnson City Metropolitan Transportation Planning Organization (MTPO) was created to fulfill the 3C planning requirements within the Johnson City MTPO area. Within the region the agency is referred to as MTPO to recognize the stated mission of providing transportation planning services rather than zoning, land use, or general planning activities.

MTPO Study Area

Previous to 2003, Johnson City was the largest city within the Johnson City-Kingsport-Bristol TN-VA Metropolitan Statistical Area (MSA). The MSA was comprised of the Tennessee Counties of Carter, Hawkins, Sullivan, Unicoi, and Washington, and the Virginia Counties of Scott and Washington. However, the MSA was divided into three smaller MSA's in the Office of Management and Budget's (OMB) Bulletin No. 03-04 on June 6, 2003. The Johnson City MSA now consists of Washington, Carter and Unicoi Counties in State of Tennessee.

The Johnson City MTPO urban area consists of Johnson City, Elizabethton, Jonesborough, as well as portions of Washington and Carter County. The MTPO study area extends slightly outward from the urban area (Figure 1). Census data from 2000 puts population of the urban area at 107,800.

Organizational Structure

The MTPO is comprised of a board and two committees, the Executive Board, Executive Staff (Technical Committee) and the Citizens Advisory Committee. The Executive Board is composed of the chief elected officials of the local jurisdictions of Johnson City, Elizabethton, Jonesborough, Carter and Washington Counties. In addition, the Governor of Tennessee, or his representative serves on the board. The FHWA and FTA are non-voting members of the Executive Board. As of March 2005, the Executive Board meets on a quarterly basis.

The Executive Staff is composed of one technical representative from each of the participating jurisdictions; this includes the City Managers of Johnson City, Elizabethton and Jonesborough, and the Highway Superintendents of Carter and Washington Counties. Representatives from the First Tennessee Development District, the Tennessee Department of Transportation, the U.S. Department of Transportation and the Johnson City Transit System also serve on the Executive Staff. The FHWA and FTA are non-voting members of the Executive Staff. Other non-voting members of the Executive Staff include a representative from the State Highway Patrol, N.E.T. Trans, and an air quality specialist. The Executive Staff is responsible for reviewing all projects and policies and making recommendations to the Executive Board. The Executive Staff also directs and responds to comments from the Citizens Advisory Committee. As of March 2005, the Executive Staff meets on a quarterly basis, usually one (1) week before the Executive Board.

The Citizens Advisory Committee (CAC) is comprised of local citizens who applied for the committee and was appointed by the Board. Established in summer of 2005, the CAC reviews all plans and policies of the MTPO and makes recommendations to the Executive Staff. The CAC can also bring transportation issues from the public to the MTPO for consideration and response. The CAC provides a chance for citizen involvement in the transportation planning process.

The Unified Planning Work Program (UPWP)

Under Federal planning guidelines MPO's are required to submit a work program that highlights transportation planning projects into broadly categorized planning activities and explains the funding for each activity for a fiscal year. This is done through a document called the UPWP. This is the 24th UPWP to be submitted for the Johnson City MTPO. The funding is provided through the State of Tennessee (TDOT) from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). FHWA funds are provided at an 80/20 match ratio, with 80% of the total funds provided by Federal funds and 20% provided by Local. The FTA funds are provided at an 80/10/10 ratio with 80% being Federal, 10% being State and 10% being Local. The fiscal year is from October 1, 2006 to September 30, 2007.

Planning priorities for FY 2007 include: Developing a new TIP and to ensure it meets SAFETEA-LU regulations, update the Long Range Transportation Plan to comply with SAFETEA-LU regulations, assist lead agency, Johnson City Transit with the develop a human services transportation plan, providing technical assistance to local governments on special projects such as the Elizabethton Rail Study, and compliance with SAFETEA-LU regulations.

A draft UPWP is submitted TDOT ,FHWA, and FTA. They in-turn provide comments back to the Johnson City MTPO. Once the comments have been adequately addressed the UPWP is ready for public comment. A detailed description of this process is described in the **Public Involvement** section of the UPWP. Once the comments from the public are reviewed and addressed the MTPO Executive Staff recommends the UPWP for approval to the MTPO Executive Board through an adopting resolution.

Public Involvement

The JC MTPO has instituted a public involvement policy, insuring that persons within the MTPO study area have a chance to participate in the transportation planning process. Public participation for the UPWP includes: running a notice in the local newspaper and local cable access channel stating that a draft copy of the UPWP is available at locations throughout the JC MTPO area for review, providing a draft copy available 15 days prior to the executive board meeting and hold a public hearing. The JC MTPO website www.jcmpto.org also contains a draft copy of the UPWP and contact information which will allow for additional public comment.

Any comments received by the Transportation Planning Coordinator shall be provided to the Executive Board prior to the adoption of the work program. The public shall be afforded the opportunity for comment at each public hearing. The Executive Board may establish reasonable time limits for each presentation or comment. In the event the Board determines there are significant unresolved comments on the Unified Planning Work Program it may defer the work program until a later meeting.

Major amendments to the Unified Planning Work Program must follow the same process and procedures outlined above. Major amendments to the UPWP must follow the same process. However, minor amendments such as those that involve a change in scope or adjustments to funding amounts, do not require a public input process. Public involvement is an important part of the planning process and the JC MTPO will continuously be searching for new and improved ways of involving the public.

Comments may be mailed, faxed or presented in person to the MPO Coordinator at 137 West Market Street, Johnson City, TN 37604 or by e-mail at mpo@jcmpo.org up to 5 days after the public review period is over. The public will be notified of ability to make comments in published notices and at plan locations. Public comments will be considered, evaluated and responded to within 15 business days after receipt. Responses to comments will be through written correspondence via e-mail or post office.

**An updated Public Involvement Plan will be done this year to comply with the SAFETEA-LU regulations, due no later than July 1, 2007.*

Title VI / Environment Justice / ADA

Environmental Justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. The Johnson City maintains an active Title VI program which includes public outreach. These activities are coordinated for city employees and residents. These activities include public access television spots informational links on websites, and articles in the employee newsletter. Title IV clauses are now incorporated into all purchasing bid / contract documents executed by the City of Johnson City. In addition posters describing Title VI legislation have been posted at key locations within the City, in both Spanish and English. The Johnson City MTPO website located at <http://www.jcmpo.org> contains web links to the Title VI and Civil Rights information sites. Johnson City staff attends Title VI training when available and participate in quarterly Title VI conference calls with TDOT. All projects using federal highway trust funds for the Johnson City MTPO comply with Title VI, Environmental Justice and the American with Disabilities Act.

There have been no Civil Rights Compliance Reviews of the Johnson City Transit System during the last three years. A Triennial Review was conducted by the FTA Region IV Office for the JCT during June 2005 that included a comprehensive evaluation of the system's compliance with FTA and USDOT initiatives and emphasis areas. There were no findings.

PEA's and SAFETEA-LU Planning Factors:

Each task within the UPWP considers one or more of the following Planning Emphasis Areas and SAFETEA-LU Planning Factors (PEA's and SAFETEA-LU Factors are noted in each task):

Planning Emphasis Areas (PEA's)

- A. Consideration of Safety and Security in the Transportation Planning Process – The JC MTPO has listed safety as one of the criteria for selection of projects. ITS and congestion management contribute to safer highways. All the MTPO tasks include some element of safety. For instance, work on the administrative task may involve discussing safety of road projects or the purchase of portable message signs. Since safety is a criterion for selection of projects, it is also an element of the TIP and Long Range Plan. The Data inventories task includes obtaining and analyzing accident data or information. Transit planning always includes an element of safety and security for passengers. The complete list of “Criteria for Project Selection are provided in Appendix A.
- B. Linking the Planning and NEPA Processes- the JC MTPO has listed air quality as one of the criteria for the selection of projects. The JC MTPO participates in an Early Action Compact for Air Quality, even though the MTPO area is in attainment. Air quality is addressed in meetings (Administrative Tasks), and since it is considered as a criterion for project selection, it is addressed in the Long Range Transportation Plan and the TIP. Projects that promote air quality by decreasing congestion or managing traffic operations more efficiently are given more importance than those that do not. Managing traffic congestion by means other than widening and building new roads also assist in protecting the environment.
- C. Consideration of Management and Operations within Planning Processes. The availability of ITS funding has provided the JC MTPO area an opportunity to improve traffic operations and management. These issues are discussed in meetings (administrative) and are addressed in the TIP and the Long Range Transportation Plan. The criteria for the selection of projects also include traffic management, which demonstrates the importance of this emphasis area.
- D. State DOT consultation with Non-Metropolitan Local Officials – This is not a major emphasis area for the MTPO. However, the MTPO does participate in the Rural Planning Organization (RPO) meetings. The MTPO supports the RPO in its efforts.
- E. Enhancing the Technical Capacity of Planning Processes – This is not a major emphasis area for the MTPO. The MTPO maintains a website. The Johnson City encourages the use of consultants for other technical issues.
- F. Coordination of Human Service Transportation – The Johnson City Transit Agency will be the lead agency in developing a Human Services Transportation Plan in FY 2007. The Johnson City MTPO will be providing support with this project once guidance is available. A complete detail of the JC MTPO participation is yet to be determined.

SAFETEA-LU Planning Factors

SAFETEA-LU emphasizes eight broad focal points:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency; The Johnson City MTPO will coordinate transportation projects with local governments and agencies to improve the MTPO region's global competitiveness. This will be achieved by promoting transportation corridors that improve access to MTPO region, thus enhancing flow of goods and services to the global market. A prime example of this is the cooperation between Johnson City MTPO, TDOT and NC DOT on the I-26 designation through Tennessee. The Johnson City MTPO will continue to work on projects that promote regional connectivity.
2. Increase the safety of the transportation system for motorized and non-motorized users; The Johnson City MTPO will encourage projects that include enhanced safety features for transportation in the region. The safety measures to be included are traffic pre-emption devices for emergency vehicles, pedestrian crossings where viable, improved bicycle trails, and working with the local Washington County Emergency Management Agency on transportation safety education.
3. Increase the security of the transportation system for motorized and non-motorized users; The Johnson City Transit Agency is working on the Johnson City Transit Security plan. The plan will enhance safety to transit patrons, transit staff and the general population exposed to the transit system. The plan will be completed in 2007. For highway security, ITS monitoring systems are being planned at key highway intersections to aid in transportation security. Additionally the Johnson City MTPO is working with the Washington County Emergency Management Agency transportation security awareness.
4. Increase the accessibility and mobility of people and for freight; The Johnson City MTPO will work with all local governments in the region to update the long range transportation plan. One of the components of the plan will be to examine the current highway network and project future network demand based on a computer model. The results of the model will be incorporated in the plan. Additionally, the plan will address mobility of people and freight movement.
5. Protect and enhance the environment, promote energy conservation, and promote consistency between transportation improvements and state and local planned growth and economic development patterns; In an effort to reduce pollution and protect the environment, the City of Johnson City has converted its entire diesel fleet, including the Johnson City Transit fleet, to bio-diesel fuel at level "B5" (5% bio-diesel). As technology progresses, the city will explore the feasibility to increase the level of bio-diesel fuel. As always the Johnson City MTPO will work with state and local governments and agencies to coordinate transportation projects in a consistent and environmentally sound manner.
6. Enhance the integration and connectivity of the transportation system across and between modes, for people and freight; The Johnson City MTPO will coordinate activities which examine the integration of transportation systems for the Johnson City MTPO Region. To address this issue the Johnson City MTPO will be assisting the Johnson City Transit agency in the development of a human services transportation coordination plan and the Elizabethton / Johnson City Rail Corridor Study for the region.
7. Promote efficient system management and operation; The Johnson City MTPO is responsible for coordination of Intelligent Transportation Systems projects. In partnership with the TDOT Long Range Planning Division, the MTPO will be responsible for maintenance of the ITS regional architecture. The architecture promotes the efficient use of technology to improve transportation management systems and operations.

8. Emphasize the preservation of the existing transportation system. In all plans and projects the Johnson City MTPO will examine the existing transportation system before making recommendations for improvements. To facilitate this MTPO will continue to develop its GIS based information system for the MTPO Region.

	Task A1.	Task A2.	Task B.	Task C.	Task D.	Task E.	Task E1.
Economic Vitality	X	X	X	X	X	X	X
System Safety	X	X	X	X	X	X	X
System Security	X	X	X	X	X	X	X
Accessibility & Mobility	X	X	X	X	X	X	X
Enhance Environment	X	X	X	X	X	X	X
Integration & Connectivity	X	X	X	X	X	X	X
System Mgmt. & Operations	X	X	X	X	X	X	X
System Preservation	X	X	X	X	X	X	X

Work Program

Task A1

Administrative Activities (PL 112) (2007-1 Amended January 11, 2007)

Responsible Agencies: Johnson City MTPO, Tennessee Department of Transportation – Planning Division and Public Transportation, Waterways and Rail Division, Federal Highway Administration

Purpose: (MTPO and TDOT) To conduct continuing, cooperative, and comprehensive transportation planning activities consistent with the urban area's comprehensive general plan and ensure that all transportation planning projects meet federal and state requirements.

Previous Work:

JC MTPO Annual work program (UPWP). Training activities, and participation in TDOT and FHWA-sponsored educational opportunities for staff. Review of contractual items. Production of State (yearly) and Federal Title VI (submitted in January 2006) reports, submission of billings and attendance at various meetings.

TDOT A continuing works activity.

Study Design for 2007:

JC MTPO

- Attend FHWA, TDOT, etc sponsored training and workshops, as available, to improve and maintain proficiency in field.
- Continue to coordinate and develop outreach activities for the Title VI Program
- Assist local governments within MTPO area
- Work with TDOT, FHWA and FTA to prepare and submit technical reports (2008 UPWP, EAC progress reports)
- Update Public Participation Plan to comply with SAFETEA-LU regulations.
- Attend meetings of the MTPO organization, RTPO, local, regional, state, and federal sponsored meetings related to transportation planning as needed.
- Establish and maintain good working relationships with local organizations
- Prepare and maintain MTPO committee contact lists, media lists and other lists as needed.
- Prepare and submit financial reports.
- Review and submit various contractual documents.
- Update By-Laws and Prospectus as needed.
- Purchase computer equipment (laptops, external hard drive, and large format printer)

TDOT

The Planning Division/Tennessee Department of Transportation will work jointly with the urban area to establish the administrative and technical procedures required, prepare contractual agreements as required, attend all study meetings, distribute special and annual reports and study documents, review and analyze individual transportation planning projects and studies, and undertake general administrative duties.

The Public Transportation, Waterways and Rail Division will administer correspondence and telephone contacts regarding river transportation, urban public transit, rail service, ridesharing, and transportation systems management. Representatives of this office will participate in MTPO meetings; distribute federal guidelines and requirements; conduct seminars and work sessions; provide advice and assistance concerning feasibility of river transportation development; review study documentation and reports; administer funds for port development. This office will coordinate FTA Sections 5303, 5310, 5307, and 5309 programs in Tennessee.

Products

JC MTPO

- Progress reports
- Contracts and agreements
- Files and Records as required
- An approved 2008 UPWP
- Reports for Early Action Compact (EAC) committees as needed.
- Transportation Survey
- Update Public Participation Plan to meet SAFTEA-LU regulations.

TDOT

- An ongoing transportation planning program.

Work Schedule

JC MTPO

Most work is done on a continual basis; some milestones for this task are as follows:

	Oct 06	Nov 06	Dec 06	Jan 07	Feb 07	Mar 07	Apr 07	May 07	Jun 07	Jul 07	Aug 07	Sept 07
Early Action Compact Reports			x						x			
Billing	x			x			x			x		
UPWP								d		a		
Title VI (State requirements)								x				

a = adopted, d = draft, x = month occurs

TDOT

A continuing task.

SAFETEA-LU Factors Considered: All SAFETEA-LU Factors are discussed during Executive Staff and Executive Board meetings. All factors are considered during development of the UPWP, TIP and LRTP documents.

PEA's Considered: All Planning Emphasis Areas are considered during Executive Staff and Board meetings, except PEA letter D. MTPO staff, in the past, has attended Regional Workshops for the State LRP and Rural Planning Meetings, which are where the State consults with Non-Metropolitan Local Officials (letter D).

A1 Administrative Tasks

PL112	Local	MTPO total	SPR	TDOT	State total	Total
\$48,000	\$12,000	\$60,000	\$9,064	\$2,266	\$11,330	\$71,330

Task A2

Maintenance of Data Inventories and Surveillance (PL 112)

Responsible Agencies: Johnson City MTPO, TDOT Planning Division

Purpose:

JC MTPO

Inventory of transportation data, database development, maintenance, and improvement of equipment necessary for databases and maintenance of the JC MTPO website.

TDOT

Inventory of Transportation Data

Previous Work:

- JC MTPO Collection, analysis and monitoring of population, commuter patterns, bicycle and pedestrian facilities, freight information, land use and traffic data on a local and regional basis for input into the Long Range Transportation Plan. The JC MTPO maintains a website with all documents, meetings, RFP'S, and upcoming events available for public viewing.
- TDOT Traffic volumes have been collected at 192 annual cycle count stations. Special count data collected for design projects as required. Accident data from Tennessee Department of Safety coded and filed. High hazard accident data furnished for safety studies as needed.

Study Design:

JC MTPO

- Collect traffic, freight, bicycle and pedestrian facilities, population, land use and socioeconomic data
- Update databases necessary for long range plan
 - Regional traffic count information is maintained (via interactive mapping system) on the MTPO website, including TDOT statewide count information.
- Develop databases and submit information to Johnson City Planning Department/GIS Division to develop mapping systems capable of storing, retrieving, correlating, analyzing, and displaying geographic information. This includes purchases of equipment needed by the MTPO for storing data and for display purposes.
- Continual updating of JC MTPO website to provide enhanced access to transportation planning products to MTPO member agencies as well as to the public.
- TDOT will also continue to collect traffic count data at established stations, special traffic counts may be conducted by the City of Johnson City.
- Maintenance of equipment and software for displaying geographic information and website.
- Updating of GIS software as well as other software needed to maintain traffic, population, etc. data

- Utilize Interns from ETSU to assist in gathering of data and maintaining GIS databases

TDOT

Continue to collect traffic data at 192 annual cycle count 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.

Products:

JC MTPO

- Local and regional population and land use data
- Employment data for traffic analysis zones
 - The JC MTPO website, current
 - Updating of GIS software
 - Submit data to Johnson City Planning Department/GIS Division to develop maps of Urban Area, Study Area and other maps as needed

TDOT

- Traffic counts (including peak hour volumes, vehicle classification, directional distribution, etc)
- VMT
- Accident data

Work Schedule:

JC MTPO

All work is on a continual basis.

TDOT

Permanent count data collected and computed for computer storage weekly. Annual cycle counts to be made in September- November 2005. Other special counts will be conducted as needed. Accident data coded and stored on a daily basis.

SAFETEA-LU Factors Considered: All SAFETEA-LU factors are considered while collecting and analyzing data.

PEA's Considered: All PEA's are considered while collecting and analyzing data, except D & F.

A2 Data Inventories

PL112	Local	MTPO total	SPR	TDOT	State total	Total
\$30,660.80	\$7,665.20	\$38,326	\$16,481.60	\$4,120.40	\$20,602	\$58,928

Task B

Long Range Plan (PL 112)

Responsible Agencies: TDOT Planning Division; Johnson City MTPO

Purpose: (JC MTPO & TDOT) to provide a continuously updated comprehensive transportation plan that will provide for the long-range transportation needs of the urbanized area.

Previous Work: (JC MTPO & TDOT) the *Johnson City Metropolitan Area Long Range Transportation Plan 2006-2011* due September of 2006. This plan includes the development of a *new* traffic model for the Johnson City MTPO Region. The traffic model is used in the development of the Highway section of the Long Range Transportation Plan. Specifically the traffic modeling program is used to identify deficiencies on the regional traffic network. It is important to note this does not model specific intersection functionality. The model is being developed with TransCAD software and is approximately 95 percent calibrated. To facilitate the development of the model several data layers have been acquired. They include land use, employment, population, traffic count data sets, as well as the functional classification system was provided by TDOT. Initial model runs have been completed and are being reviewed by staff. The plan also addresses the movement of freight and people by transportation mode, an operations and maintenance plan, congestion management strategies, and financial tables. This is an update of the *Long-Range Transportation Plan Update (2001-2006)* which was adopted on September 27, 2001 by the Johnson City Metropolitan Planning Organization. The plan is scheduled to be completed by September 2006. Additional work on the plan will take place in 2007 for compliance with SAFTEA-LU regulations.

As part of the Long Range Transportation Planning process the Johnson City MTPO is working with TDOT as partners to develop the regional Intelligent Transportation Systems regional architecture for the Johnson City MTPO region. Four workshops have been scheduled in 2006 with new stakeholders. The focus of these workshops will be to introduce ITS regional architecture to new stakeholders, re-examine market packages to be deployed, correct deficiencies in the Turbo Architecture Database and develop a maintenance plan for the ITS architecture. A work schedule has been developed with TDOT for the completion of ITS regional architecture. The schedule includes stakeholder meetings and a target completion date of November 2006. The ITS regional architecture will be used in the planning process as a guide to implement projects that fall within the definition of Intelligent Transportation Systems.

Study Design:

JC MTPO & TDOT

A new Long-Range Transportation Plan will be completed in September 2006. The plan includes regional needs as well as costs and priorities. During Fiscal Year 2007, maintenance and updating of plan and the ITS regional architecture will continue.

JC MTPO

- Develop standardized methodology and data warehousing techniques for data to be used for maintenance of the LRTP and other projects.
- Analyze Transit projects with JCT Planners.
- Complete the ITS regional architecture and analyze projects for consistency with the architecture.

- Collect and analyze data on bicycle and pedestrian plans and projects for the MTPO area.
- Continued attentiveness to Air Quality, alternate modes of transportation and other environmental aspects.
- Collect additional data to comply with new SAFETEA-LU regulations.

Products: (JC MTPO & TDOT) a continually updated Long-Range Transportation Plan for the Johnson City, Tennessee Urban Area.

Work Schedule:

TDOT & JC MTPO

Refinements and amendments to the plan will be prepared and documented as needed.

JC MTPO

Updates and adjustments will be continuous.

Other milestone events will be as scheduled.

	Oct 06	Nov 06	Dec 06	Jan 07	Feb 07	Mar 07	Apr 07	May 07	Jun 07	Jul 07	Aug 07	Sept 07
Update of TransCAD/ traffic modeling, finished product	x	c	c	c	c	c	c	c	c	c	c	c
Socioeconomic data analysis (continuous)	c	c	c	c	c	c	c	c	c	c	c	c

x = month finished/occurs

c=continued data collection

SAFETEA-LU Factors Considered: All SAFETEA-LU factors are considered during the development of the Long Range Transportation Plan.

PEAS's Considered: All PEA's are considered during the development of the Long Range Transportation Plan through criteria for selecting projects and the portions concerning transit. PEA's letter D has been addressed through the State Long Range Plan workshops and the State Rural Transportation Planning Workshops (JC MTPO participated in both.).

B. Long Range Plan

PL112	Local	MTPO total	SPR	TDOT	State total	Total
\$64,587.39	\$16,146.85.	\$80,734.24	\$21,144	\$11,672	\$26,430	\$107,164.24

Task C **Transportation Improvement Program (PL 112)**

Responsible Agency: Johnson City MTPO, JCT

Purpose: To prepare and maintain an accurate, timely and financially constrained Transportation Improvement Program.

Previous Work: The current and previous TIP's.

- A workshop for preparation of TIP was held in June of 2005. TIP was adopted in September of 2005.

Study Design:

- To maintain the accuracy of the TIP through amendments and adjustments where necessary while maintaining fiscal constraint.
- To develop new project selection criteria to comply with new SAFETEA-LU regulations.
- To develop a 2008-2011 TIP and make sure it follows new SAFETEA-LU regulations.

Products: A four year program of transportation related projects that are prioritized and financially constrained and amended or adjusted as needed.

Work Schedule: This is a continuous project.

SAFETEA-LU Factors Considered: All SAFETEA-LU factors are considered during the development and maintenance of the TIP.

PEA's Considered: All PEA's are considered during the development and maintenance of the TIP. Please see criteria for selecting Transportation Projects. (except PEA letter D)

Task C TIP

PL112	Local	MTPO total	SPR	TDOT	State total	Total
\$32,157.81	\$8,039.45	\$40,197.26	\$0	\$0	\$0	\$40,197.26

Task D

Public Transportation Planning (Section 5303)

Responsible Agencies: JC Transit, JC MTPO TDOT, FTA

Purposes: To collect, analyze and store data necessary for conducting a viable transit planning process. To administer funds, coordinate planning activities, and to encourage citizen knowledge and awareness of public and private transit services.

Previous Work: Certain data are available from previous transit studies and surveys and the 2000 Census. The Johnson City Transit System maintains records of ridership, fare revenue and cost by route. The JC MTPO collects census data information to assist in the development of plans. The JC MTPO also conducts public participation for TIP and LRTP transit projects.

Study Design: Pertinent factors have been identified for data collection, including elderly, handicapped and socio-economic patterns, population density, financial costs and revenues, and ridership characteristics. Data will be collected and analyzed for use by local, state and federal agencies. Activities associated with DBE/WBE programs, specialized programs for the elderly and handicapped including programs associated with the Americans with Disabilities Act, and the private enterprise initiatives programs will be ongoing throughout the year. Data and planning work associated with the Transit Development Plan/Program activities as defined by TDOT and management systems for public transportation facilities and equipment required under SAFETEA-LU will also be continuing work efforts. Coordination with Intelligent Transportation Systems projects will also be a continuing activity due to software interfaces under development and website integration for public information. JC MTPO will continue to assist with TIP and LRTP additions, amendments and adjustments. The JC MTPO will also be assisting with JCT website development and maintenance starting in FY 2007.

Product: A usable database for input into transit planning studies, Title VI update reports, NTD reports, and to evaluate and coordinate various multi-modal transportation activities in the Johnson City Urbanized Area.

Work Schedule: This is a continuous work activity. The Title VI update will be completed during the third quarter.

SAFETEA-LU Factors Considered: All SAFETEA-LU factors are considered while developing transit projects.

PEA's Considered: All PEA's are considered except letter D, during the development of transit projects.

D. Transit Admin & Data Base

Federal	State	Local	MTPO total	SPR	State total	Total
\$16,544.80	\$2,068.10	\$2,068.10	\$20,681	\$0	\$0	\$0

Task E

Human Services Coordination (PL 112, Section 5303)

Responsible Agencies: Johnson City Transit

Purposes: To coordinate services between multiple human resource agencies within the MTPO study area.

Previous Work: None.

Study Design: To provide support to the lead agency in developing a Human Services Coordination Plan.

Product: Final product contingent upon guidance from FTA.

Work Schedule: Work schedule is contingent upon when guidance from FTA is released.

SAFETEA-LU Factors Considered: All SAFETEA-LU factors are considered while developing transit projects.

PEA's Considered: All PEA's are considered except letter D, during the development of transit projects.

E. Human Services Coordination

PL 112	Local	PL 112 Total	5303	Local	Federal	5303 Total	Total
\$0	\$0	\$0	\$7,920	\$990.00	\$990.00	\$9,900	\$9,900

E1. Elizabethton Rail Study

Responsible Agency: City of Elizabethton

Purposes: To assist the City of Elizabethton in selecting the most appropriate and beneficial use for their rail infrastructure.

Method: To investigate the feasibility of alternate scenarios for the use and development of rail that lies between Elizabethton and Johnson City using cost benefit analysis, considering safety issues and assuring that the resulting document fits the criteria for an FTA alternative Analysis study.

Products: Rail Study

Work Schedule: To be completed by February 29, 2008.

SAFETEA-LU Factors Considered: Economic vitality, safety, accessibility and mobility, protecting and enhancing the environment, enhancing connectivity of transportation systems, promoting efficient system management and preservation of the existing transportation system

PEA's Considered: All PEA's are considered while planning projects (except letter D).

E1. Elizabethton Rail Study

SEC 5303	Local	State	SPR	TDOT	State total	Total
\$120,000	\$15,000	\$15,000				\$150,000

F. Transportation Planning Report (TPR) for I-26 Interchanges in Johnson City (2007-1, Amended January 11, 2007)

Responsible Agency: Tennessee Department of Transportation

Purposes: To achieve the short term goals of relieving congestion, improving safety and promoting economic development; to achieve the long term goal of improving overall traffic flow along the I-26 corridor through Johnson City.

Method: To analyze the following interchanges along I-26 through Johnson City and make recommendations on design changes to improve traffic flow, capacity and safety.

1. Exit 42 (SR 75 @ I-26)
2. Exit 38 (SR 354 @ I-26)
3. Exit 31 (SR 67 @ I-26)

Products: Completed Transportation Planning Report for the 3 interchanges listed above.

Method: To evaluate and recommend improvements to outdated interchanges on I-26.

Work Schedule: Schedule to be determined contingent upon TDOT's workload.

SAFETEA-LU Factors Considered: Economic vitality, safety, accessibility and mobility, protecting and enhancing the environment, enhancing connectivity of transportation systems, promoting efficient system management and preservation of the existing transportation system.

PEA's Considered: Planning Emphasis Areas A, B, and C are considered with this task.

PEA's Considered: Planning Emphasis Areas A, B, and C are considered with this task.

Table I
Funding Sources- Johnson City Urban Area
Fiscal Year 2007

TASK	FEDERAL HIGHWAY ADMINISTRATION				FEDERAL TRANSIT ADMINISTRATION			
	PL	LOCAL MATCH	SPR	STATE MATCH	5303	TDOT MATCH	LOCAL MATCH	TOTAL
A1. Administration	\$ 48,000.00	\$ 12,000.00	\$ 9,064.00	\$ 2,266.00	\$ -	\$ -	\$ -	\$ 71,330.00
A2. Data Inventories/	\$ 30,660.80	\$ 7,665.20	\$ 16,481.60	\$ 4,120.40	\$ -	\$ -	\$ -	\$ 58,928.00
B. Long Range Planning	\$ 64,587.39	\$ 16,146.85	\$ 21,144.00	\$ 5,286.00	\$ -	\$ -	\$ -	\$ 107,164.24
C. TIP	\$ 32,157.81	\$ 8,039.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,197.26
D. Transit Admin. & Data Base	\$ -	\$ -	\$ -	\$ -	\$ 16,544.80	\$ 2,068.10	\$ 2,068.10	\$ 20,681.00
E. Human Service Coordination	\$ -	\$ -	\$ -	\$ -	\$ 7,920.00	\$ 990.00	\$ 990.00	\$ 9,900.00
E 1. Elizabethton Rail Study	\$ -	\$ -	\$ -	\$ -	\$ 120,000.00	\$ 15,000.00	\$ 15,000.00	\$ 150,000.00
F. *I-26 interchange TPR request	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 175,406.00	\$ 43,851.50	\$ 46,689.60	\$ 11,672.40	\$ 144,464.80	\$ 18,058.10	\$ 18,058.10	\$ 458,200.50
**PL Reserve Funds	\$ 153,988.82							

* No funding has been obtained at this time. Once TDOT proceeds with the TPR's a funding amount will be added.

**PL reserve funds are unused funds from previous years. Before these funds can be used the UPWP and contract must be amended to program reserve funds.

TABLE II
Agency Participation- Johnson City Urban Area
FISCAL YEAR 2007

TASK	TDOT/SPR	MPO	TOTAL
A1. Administration	\$ 11,330.00	\$ 60,000.00	\$ 71,330.00
A2. Data Inventories	\$ 20,602.00	\$ 38,326.00	\$ 58,928.00
B. Long Range Planning	\$ 26,430.00	\$ 80,734.24	\$ 107,164.24
C. TIP	\$ -	\$ 40,197.26	\$ 40,197.26
D. Transit Admin. & Data Base	\$ -	\$ 20,681.00	\$ 20,681.00
E. Human Services Coordination	\$ -	\$ 9,900.00	\$ 9,900.00
E 1. Elizabethton Rail Study	\$ -	\$ 150,000.00	\$ 150,000.00
F. *I-26 interchanges TPR request	\$ -	\$ -	\$ -
TOTAL			\$ 458,200.50

*No funding has been obtained at this time. Once TDOT proceeds with the TPR's a funding amount will be add

**TABLE III
AGENCY PARTICIPATION BY FUNDING SOURCE
FISCAL YEAR 2007**

FEDERAL HIGHWAY ADMINISTRATION					FEDERAL TRANSIT ADMINISTRATION			
AGENCY	TN PL	LOCAL MATCH	TN SPR	TDOT MATCH	TN 5303	TDOT MATCH	LOCAL MATCH	TOTAL
TDOT - PD	\$ -	\$ -	\$ 46,689.60	\$ 11,672.40	\$ -	\$ -	\$ -	\$ 58,362.00
MPO	\$ 175,406.00	\$ 43,851.50	\$ -	\$ -	\$ 144,464.80	\$ 18,058.10	\$ 18,058.10	\$ 399,838.50
TOTAL	\$ 175,406.00	\$ 43,851.50	\$ 46,689.60	\$ 11,672.40	\$ 144,464.80	\$ 18,058.10	\$ 18,058.10	\$ 458,200.50

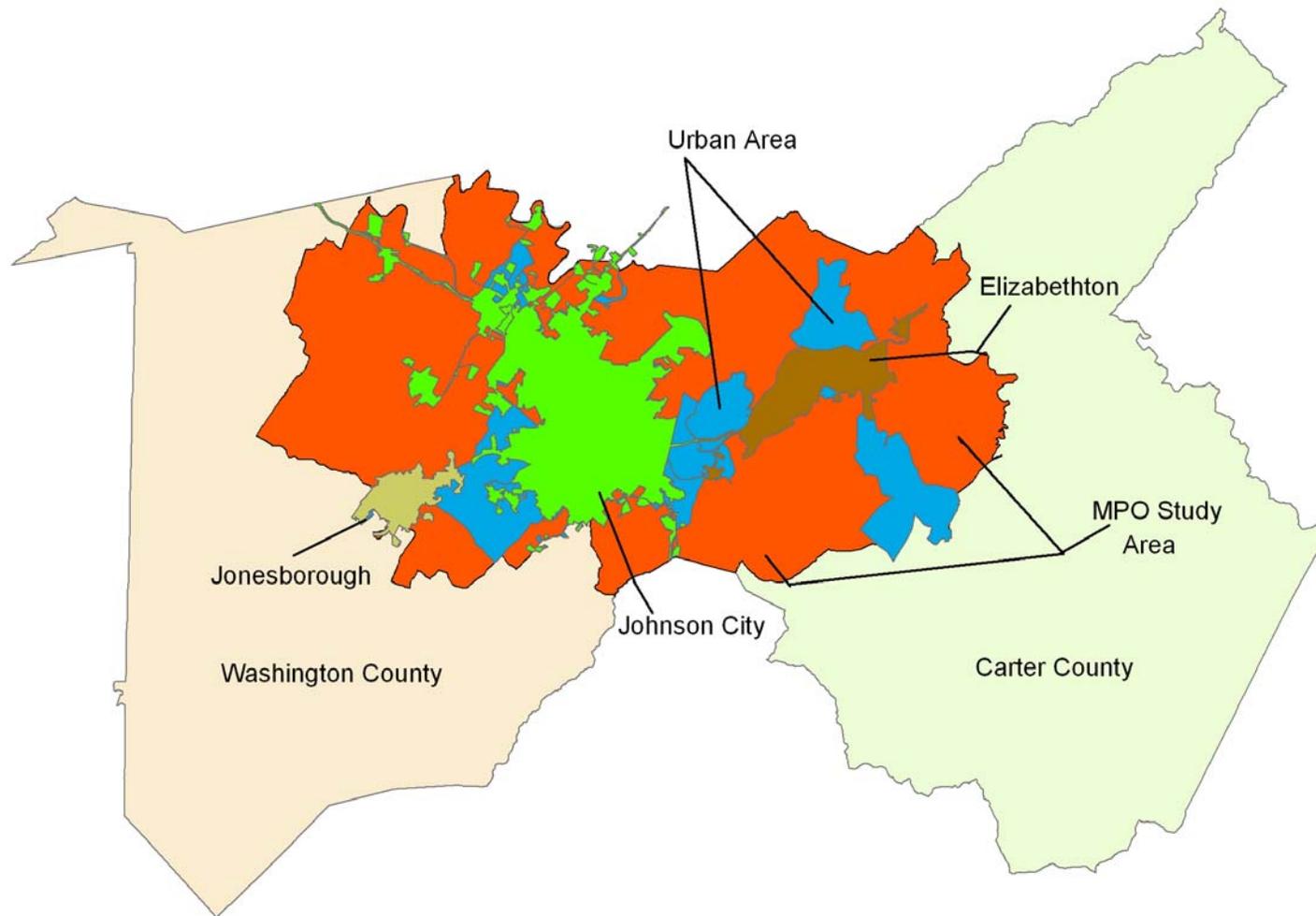


Figure 1

Appendix A

Criteria for Project Selection - TIP

The MPO considered several factors that were important to the MTPO area. They are as follows: clean air, existing plans, and the aging population, maintaining existing roads, the State Long Range Transportation Plan, growth areas, connectivity, rail, Title VI, economic development, transportation mode choices, route choices, congestion and safety. These factors were then used to develop criteria for the selection of projects for Local STP funding. The Executive Staff reviews the projects submitted for Local STP funding. They then rank the projects using weighted criteria (see below) and develop a recommendation for the Executive Board. The Executive Board will adopt the ranking of the projects if they feel the ranking is suitable. The Executive Board may chose to amend or reorder the ranking of the projects before adopting.

CONSISTENCY WITH PLANS

In previous TIP or related project in TIP	15
Consistent with growth plan/land use plans	8

CONGESTION MANAGEMENT

Reduces/manages travel demand (TDM)	8
Improves traffic operations	10
Transit capital improvement	2
Alternative Mode (incl. Bike/ped and other modes)	5
Intelligent Transportation System (ITS) project	2

TRAFFIC CIRCULATION

Improves access to major hwys	5
Provides/enhances connection between modes	4
Enhances connectivity of street network.....	14

ECONOMIC DEVELOPMENT

Improves facility for freight movement (air,distribution, rail)	2
Enhances economic development investments	10

AIR QUALITY

Promotes positive effect on air quality	2
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SAFETY MANAGEMENT

Promotes safety	7
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VALUE ADDED

Match greater than minimum required	2
ROW was donated, eng. already complete, etc.	4

Total	100
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Amendments