

# JATSO

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## *JOPLIN AREA TRANSPORTATION STUDY ORGANIZATION*



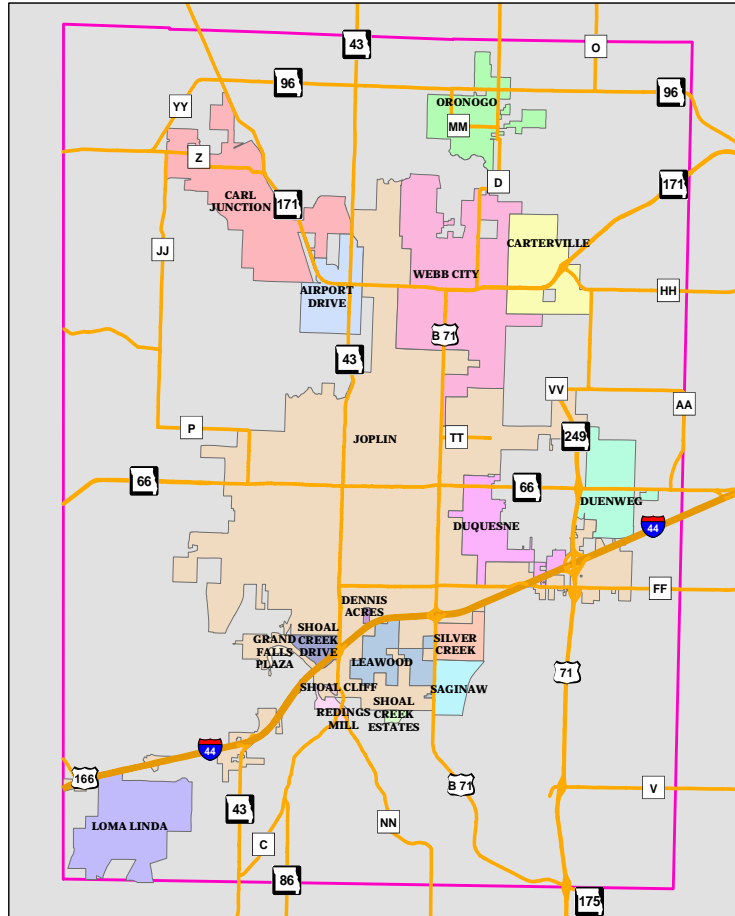
**3rd Quarter Report  
May 1, 2010 – July 31, 2010**

**City of Joplin  
Department of Public Works  
Division of Planning & Community Development  
602 Main Street  
Joplin, Missouri 64804  
(417) 624-0820**

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## FY 2010 Program Goals

The annual transportation planning program begins on November 1, 2009 and continues through October 31, 2010. The UPWP is directed toward the continuation and improvement of existing activities and the development of those activities mandated by federal regulations. For fiscal year 2010, JATSO goals are:

- 1.) Improve transportation through better cooperation and communication from JATSO, MoDOT, and ONEDOT.
  - a.) Ongoing Activity
- 2.) Hire a consultant to conduct an updated long-range transportation plan that will assist future in future planning activities. The LRTP should focus on growth to the west, reducing traffic congestion, and freight movement. The plan will be completed by the end of FY 2010.
  - a.) JATSO and its selected consultant held one public open house and six stakeholder meetings to the LRTP.
- 3.) Hire a consultant to construct and calibrate a transportation model using the TransCAD software. The anticipated completion will be at the end of FY 2010.
  - a.) Completed.
- 4.) Examine road capacity by purchasing the transportation model in October 2009 and train JATSO staff on how to use the hardware in FY 2010.
  - a.) Ongoing Activity
- 5.) Increase participation in JATSO by holding more meetings, giving presentations, and increase advertising.
  - a.) JATSO advertises one week in advance for upcoming meetings by listing the meeting on the JATSO website and sending out press releases to the Joplin Media

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

## TASK 1. Transportation Improvement Program

**Objective:** JATSO staff will develop a fiscally constrained area-wide listing of transportation improvement projects inside the Joplin metropolitan area for a four-year period that is consistent with JATSO's long-range transportation plan.

**Current Status:** The JATSO FY 2010-2013 TIP was produced by the City of Joplin, Harry S. Truman Coordinating Council, the Missouri Department of Transportation (MoDOT) and other local governments.

### Work Items:

- 1.) Monitor and maintain the FY 2010-2013 TIP (\$1,000)
  - a.) Ongoing activity
- 2.) Amend FY 2010-2013 TIP when new projects are added (\$ 1,431)
  - a.) JATSO approved the 4<sup>th</sup> and 5<sup>th</sup> TIP Amendments at two JATSO Policy Board Meetings held on May 20, 2010 and July 15, 2010.
- 3.) Prepare FY 2011-2014 TIP (\$2,700)
  - a.) Future Activity
- 4.) Prepare the FY 2009 Annual Listing of Obligated Projects (\$ 220)
  - a.) Completed Activity
- 5.) Conduct Public Meetings
  - a.) Held Policy Board Meetings on May 20, 2010 and July 15, 2010.

### Public Participation:

- Prior to adopting a TIP a public meeting will be held by the Policy Board. The Notice of a public meeting will be published seven (7) days in advance of the public meeting in the newspaper. Any amendments to the TIP will be published seven (7) days in advance on the JATSO website. The public is encouraged to formulate comments regarding the TIP document.

### End Products:

- One (1) JATSO FY 2011-2014 TIP
- TIP amendments (as necessary)
- Prepare the FY 2009 Annual Listing of Obligated Projects

### Schedule for Completion:

- Activities will be on-going from November 2009 through October 2010.

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

**Budget:**

Total Cost  
\$ 7,135

Federal Funds (80%)  
\$ 5,708 (CPG Funds)

Local Funds (20%)  
\$ 1,427 (Joplin)

**(Federal 80% Local 20% Split)**

Item	FY 2010 Budget	Expended (2nd Quarter)	Expended (Year to Date)	Unexpended Amount
Transportation Improvement Plan	7,035.00	1,825.75	5,583.20	1,451.80

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

## TASK 2. Unified Planning Work Program

**Objective:** JATSO staff will maintain the approved UPWP for the current fiscal year 2010 and develop the 2011 UPWP.

**Current Status:** This task is on-going with activities occurring on a day-to-day or on-demand basis.

### Work Items:

- 1.) Monitor and maintain the FY 2010 UPWP (\$ 6,587)
  - a.) Ongoing Activity
- 2.) Prepare FY 2010 quarterly progress reports (\$15,386)
  - a.) Completed FY 2010 2nd Quarter Report
  - b.) Ongoing Activity
- 3.) Prepare the FY 2011 UPWP (\$ 8,500)
  - a.) Future Activity
- 4.) Conduct public meetings (\$ 7,348)
  - a.) Held Policy Board Meetings on May 20, 2010 and July 15, 2010.
- 5.) Create informational brochures (\$ 1,861)
  - a.) Future Activity

### Public Participation:

- Prior to adopting a Unified Planning Work Program a public meeting will be held by the Policy Board. The Notice of a public meeting will be published seven (7) days in advance of the public meeting in the newspaper. Any amendments to the UPWP will be published seven (7) days in advance on the JATSO website. The public is encouraged to formulate comments regarding the UPWP document.

### End Products:

- Four (4) FY 2010 quarterly progress reports
- One (1) JATSO FY 2011 UPWP

### Schedule for Completion:

- Activities will be on-going from November 2009 through October 2010.

### Budget:

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

Total Cost  
\$ 46,230

Federal Funds (80%)  
\$ 36,984 (CPG Funds)

Local Funds (20%)  
\$ 9,246 (Joplin)

**Budget:**  
**(Federal 80% Local 20% Split)**

Item	FY 2009 Budget	Expended (2nd Quarter)	Expended (Year to Date)	Unexpended Amount
UPWP	46,230.00	9,128.77	27,911.09	18,318.91

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

### TASK 3. Geographic Information Systems (GIS)

**Objective:** JATSO staff will work with the City of Joplin, the Harry S. Truman Coordinating Council, and other local governments and agencies to update and create databases and collect and input data into the JATSO's GIS.

**Current Status:** The City of Joplin updates zoning maps within the Joplin corporate boundaries. Census information, other socio-economic data, and additional transportation data of the Joplin area is inserted into GIS databases as it becomes available.

**Work Items:**

- 1.) Maintain and update GIS layers used by JATSO, the Metro Area Publictransit System (MAPS), the Harry S. Truman Coordinating Council and local governments and agencies.
  - a. Ongoing Activity
  
- 2.) Consultant – 20 % - (\$7,200)
  - a. Ongoing Activity

**End Products:**

- Maintained GIS layers
- Updated street, subdivision, zoning, and property ownership layers.
- Updated aerial photography and contour, flood plain, census, environmental and traffic count layers
- A new aerial layer of the JATSO area
- A new subdivision layer of the City of Joplin
- A master street plan layer
- Update GIS files for the JATSO interactive website

**Schedule for Completion:**

Activities will be on-going from November 2009 through October 2010.

**Budget:**

<u>Total Cost</u>	<u>Federal Funds (80%)</u>	<u>Local Funds (20%)</u>
\$ 35,740	\$ 28,592 (CPG Funds)	\$ 7,148 (Joplin)

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

**Budget:**  
**(Federal 80% Local 20% Split)**

Item	FY 2009 Budget	Expended (2nd Quarter)	Expended (Year to Date)	Unexpended Amount
GIS	35,740.00	9,103.01	27,729.09	8,010.91

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

## TASK 4. Transit Planning

### Objective:

- 3.) JATSO staff will provide program and administrative support for the Metropolitan Area Publictransit System (MAPS).
- 4.) JATSO staff will complete long and short-range transit planning responsibilities, including, maintenance of the Coordinated Public Transit – Human Services Transportation Plan.

### Current Status:

- JATSO continues to assist MAPS with program support and administration.

### Work Items:

- *Administration – 100% - (\$50,061)*
  - The MAPS transit coordinator collects and records transit data and information and reports the data findings to local and federal government agencies. (\$13,517)
  - The MAPS transit coordinator and JATSO staff use data and information to complete short and long-range planning responsibilities. (\$ 18,749)
  - Transit coordinator monitors and analyzes Sunshine Lamp Trolley system (\$5,478)
  - Implementation the Human Services Transportation Coordination Plan. (\$12,317)

### End Products:

- Transit coordinator carries out the daily operations of MAPS.
- Transit coordinator provides MoDOT and FTA with necessary transit data and documentation.

### Schedule for Completion:

- *Activities will be on-going from November 2009 through October 2010.*
- *Ongoing Activity*

### Budget:

<u>Total Cost</u>	<u>Federal (80%)</u>	<u>Local Funds (20%)</u>
\$50,061	\$ 40,049 (FTA Sec. 5307)	\$ 10,012 (Joplin)

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

**Budget:**  
**(Federal 80% Local 20% Split)**

Item	FY 2009 Budget	Expended (2nd Quarter)	Expended (Year to Date)	Unexpended Amount
Transit	50,061.00	12,616.32	35,064.05	14,996.95

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities

## TASK 5. Long-Range Transportation Plan Update

**Objective:** An effective Long-Range Transportation Plan (LRTP) that will be used as a guide for making transportation and transit decisions in the Joplin metropolitan area. The LRTP will focus on potential growth to the west, reducing traffic on road corridors, and freight movements.

**Current Status:** Developing a transportation plan is a required activity for Metropolitan Planning Organizations. LRTP are required to be updated every five years and the last update took place in 2005.

**Work Items:** MPO staff will advertise and send a request for proposals to qualified consultants wishing to update the LRTP. (\$ 60,000)

- a.) *CJW Transportation (consultant) and JATSO staff held six stakeholder meetings and one open house. The consultant is anticipating that the LRTP will be completed within first week of October*

**End Products:** An effective LRTP that will provide a guide for MPO staff, local officials and policy makers involved in making transportation and transit decisions.

**Public Participation:**

- 1.) Prior to adopting the LRTP or a modification to this document, a public meeting will be held by the Policy Board. A notice will be sent seven (7) days in advance notifying the public of a meeting regarding the update of the LRTP. The public is encouraged to comment on the LRTP.

**Schedule for Completion:**

- 1.) *The consultant is planning on completing the LRTP in the first week of October.*

**Budget:**

<u>Total Cost</u>	<u>Federal Funds (80%)</u>	<u>Local Funds (20%)</u>
\$ 60,000	\$ 48,000 (CPG Funds)	\$ 12,000 (Joplin)

**Budget:**

**(Federal 80% Local 20% Split)**

Item	FY 2009 Budget	Expended (3rd Quarter)	Expended (Year to Date)	Unexpended Amount
LRTP	60,000.00	7,032.50	7,032.50	52,967.50

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Color Code:

Ongoing Activities     
 3rd Quarter Activities     
 Future Activities     
 Completed Activities

## TASK 6. Programs, Software & Hardware

**Objective:** To calibrate the new transportation model and train JATSO staff on how to use the model. The transportation model will aid staff in the transportation planning process.

**Current Status:** JATSO purchased the TransCAD software at the end of FY 2009. Training for the software and the construction of the transportation model will take place at the beginning of 2010.

**Work Items:**

- *Calibration and training – 100% - (\$50,000)*

**End Products:**

- One (1) fully functional transportation model with staff being trained on how to operate this essential planning tool

**Public Participation:**

- 2.) A public meeting will be held sometime in FY 2010 concerning the Joplin MPO transportation model. The selected consultant will give a brief presentation explaining the benefits of the model and future projection forecasts in the MPO using the model.

**Schedule for Completion:**

- a.) *The transportation modeling was completed and its data will be used for the LRTP update*

**Budget:**

<u>Total Cost</u>	<u>Federal Funds (80%)</u>	<u>Local Funds (20%)</u>
\$ 50,000	\$ 40,000 (CPG Funds)	\$ 10,000 (Joplin)

**Budget:  
(Federal 80% Local 20% Split)**

Item	FY 2009 Budget	Expended (3rd Quarter)	Expended (Year to Date)	Unexpended Amount
Programs, Software, & Hardware	50,000.00	29,814.36	37,973.79	12,026.21

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Color Code:

Ongoing Activities     
 3rd Quarter Activities     
 Future Activities     
 Completed Activities

## Amendments to the FY 2010-2013 TIP

***4th Amendment:***

***JATSO Approval***  
***MoDOT Approval***  
***FHWA Approval***

***May 20, 2010***  
***July 16, 2010***  
***July 29, 2010***

Highway Projects:

Agency: MoDOT  
Project: MO 249 – Repair slides  
Job Number: 7P2158  
TIP Number: 08HS-10  
Location: From Rte. 171 to Zora Street  
Improvement: Engineering and Construction  
Project Cost: 2010 Total Cost: \$3,086,000  
Advanced Construction \$1,738,000  
State \$1,348,000

Agency: MoDOT  
Project: Rte. FF – Pavement improvements  
Job Number: 7S2190  
TIP Number: 30HS-10  
Location: From east of Prigmor Avenue to Rte. 59  
Improvement: Engineering and Construction  
Project Cost: 2010 Total Cost: \$324,000  
State \$324,000

Agency: MoDOT  
Project: Rte. FF – Intersection Improvement  
Job Number: 7S0811  
TIP Number: 31HS-10  
Location: From 0.2 mile west of Rte.71 to Rte.71  
Improvement: Engineering and Construction  
Project Cost: 2010 Total Cost: \$936,000  
Advanced Construction \$718,000  
State \$218,000

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Color Code:

Ongoing Activities

3rd Quarter Activities

Future Activities

Completed Activities





