

JATSO

JOPLIN AREA TRANSPORTATION STUDY ORGANIZATION



**1st Quarter Report
November 1, 2009 – January 31, 2010**

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

Table of Contents

2010 FY Goals.....	1
Transportation Improvement Program.....	2
Unified Work Program.....	4
Geographic Information Systems.....	6
Transit.....	8
Long-Range Transportation Plan.....	10
Program, Software, & Hardware.....	11
Aerial Photography & Map Digitization Project.....	9
1 st TIP Amendment.....	13
2 nd TIP Amendment.....	15
November 19, 2009 Policy Board Meeting.....	Attachment A
January 21, 2010 Policy Board Meeting.....	Attachment B

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 has sent out a Request for Qualifications that is due the first week of March. A subcommittee will be formalized to review the RFQ's and select consultants to interview. The JATSO subcommittee will choose the most qualified consultant based on experience with completing other LRTPs and the scope of project. It's anticipated that a consultant will be selected by the third week of March.
- 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.) JATSO hired HDR to construct and calibrate the transportation model. Staff is currently working on collecting some of the needed data for the traffic model.
- 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

Color Code:

Ongoing Activities

1st 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 1st TIP Amendment on November 12, 2009 and the 2nd Amendment January 21, 2010
 - b.) FHWA approved the 1st TIP Amendment on December 8, 2009 and the 2nd Amendment approval is still pending
- 3.) Prepare FY 2011-2014 TIP (\$2,700)
 - a.) Future Activity
- 4.) Prepare the FY 2009 Annual Listing of Obligated Projects (\$ 220)
 - a.) Completed and presented to JATSO Policy Board on January 21, 2010
- 5.) Conduct Public Meetings
 - a.) Held a Policy Board Meetings on November 12, 2009 and January 21, 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

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

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>
\$ 7,135	\$ 5,708 (CPG Funds)	\$ 1,427 (Joplin)

(Federal 80% Local 20% Split)

Item	FY 2010 Budget	Expended (1st Quarter)	Expended (Year to Date)	Unexpended Amount
Transportation Improvement Plan	7,035.00	1,697.56	1,697.56	5,337.44

Color Code:

Ongoing Activities

1st 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 2009 4th Quarter Report
 - b.) Ongoing Activity
- 3.) Prepare the FY 2011 UPWP (\$ 8,500)
 - a.) Future Activity
- 4.) Conduct public meetings (\$ 7,348)
 - a.) Held a JATSO Policy Board Meetings on November 12, 2009 and January 21, 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.

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

Budget:

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 (1st Quarter)	Expended (Year to Date)	Unexpended Amount
UPWP	46,230.00	8,487.87	8,487.87	37,832.13

Color Code:

Ongoing Activities

1st 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)

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

Budget:
(Federal 80% Local 20% Split)

Item	FY 2009 Budget	Expended (1st Quarter)	Expended (Year to Date)	Unexpended Amount
GIS	35,740.00	8,590.52	8,590.52	27,149.48

Color Code:

Ongoing Activities

1st 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)

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

Budget:
(Federal 80% Local 20% Split)

Item	FY 2009 Budget	Expended (1st Quarter)	Expended (Year to Date)	Unexpended Amount
Transit	50,061.00	11,255.19	11,255.19	38,805.81

Color Code:

Ongoing Activities

1st 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.) Staff sent out an RFQ for qualified consultants in February 2010

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:

- 2.) JATSO will form a selection committee to review Request For Qualification’s (RFQ’s), interview consultants, and choose a qualified consultant to update the LRTP in December 2009. A request for RFQ’s will be sent out in Mid-November 2009 and the interviews will be conducted at the beginning of December 2009. The selected consultant will be required to complete the LRTP by the end of FY 2010.

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 (1st Quarter)	Expended (Year to Date)	Unexpended Amount
LRTP	60,000.00	0	0	60,000.00

Color Code: Ongoing Activities 1st 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:

- 3.) 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:

- 4.) JATSO is interviewing consultants for the construction, collaboration, and training of the transportation model in the first week of August 2009. A qualified consultant will be selected by Mid-August and the construction and collaboration of the transportation model will take place in Mid-November. Two staff members from the City of Joplin and one member of Harry S. Truman Coordinating Council will be trained on model and the TransCAD software by September 2010. Anticipated a fully functional transportation model with staff that can operate the model by the end of FY 2010.

Budget:

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

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

Budget:
(Federal 80% Local 20% Split)

Item	FY 2009 Budget	Expended (1st Quarter)	Expended (Year to Date)	Unexpended Amount
Programs, Software, & Hardware	50,000.00	0	0	50,000.00

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

Amendments to the FY 2010-2013 TIP

1st Amendment:

*JATSO Approval
FHWA Approval*

*November 12, 2009
December 8, 2009*

Highway Projects:

7P0842C

Agency: MoDOT
 Project: MO 66 – Resurfacing (Modified Project)
 TIP Number: 04HS-10
 Location: MO 66 from Geneva Road to Duquesne Road
 Improvement: Resurfacing
 Project Cost: Total Cost: \$398,000
 FHWA: \$363,000 ARRA
 MoDOT: \$35,000 State

Remark: Project is being modified using ARRA funds

7S0010C

Agency: MoDOT
 Project: Various Routes – Resurfacing (New Project)
 TIP Number: 27HS-10
 Location: Various
 Improvement: Resurfacing in communities with population between 5,000 to 200,000
 Project Cost: Total Cost: \$698,000
 FHWA: \$637,000 ARRA
 MoDOT: \$61,000 State

7S2185

Agency: MoDOT
 Project: MO 66 – Scoping for roadway improvements (New Project)
 TIP Number: 28HS-10
 Location: MO 66 from 0.5 mile west of Rte. P to 0.1 mile west of Bus. 71 in Joplin
 Improvement: Scoping
 Project Cost: Total Cost: \$5,000
 MoDOT: \$5,000 State

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

7P0820	Agency: Project: TIP Number: Location: Improvement: Project Cost:	MoDOT MO 171 – Scoping for roadway improvements (New Project) 29HS-10 From Rte. 96 (west) to 0.1 mile east of Rte. 43 Scoping Total Cost: \$5,000 MoDOT: \$5,000 State
7S2190	Agency: Project: TIP Number: Location: Improvement: Project Cost:	MoDOT Rte. FF - Resurfacing (New Project) 30HS-10 From Prigmor Avenue to County Road 180 Resurfacing Total Cost: \$53,280 FHWA: \$38,400 STP MoDOT: \$14,880 State
7S0811	Agency: Project: TIP Number: Location: Improvement: Project Cost:	MoDOT Rte. FF – Scoping for roadway improvements (New Project) 31HS-10 From 0.2 mile west of Rte. 71 to 0.2 mile east of Rte. 71 in Joplin Scoping Total Cost: \$5,000 MoDOT: \$5,000 State
7S0710	Agency: Project: TIP Number: Location: Improvement: Project Cost:	MoDOT Bus. 71 – Scoping for sidewalk improvements (New Project) 32HS-10 From south of Rte. FF (32 nd Street) to Hammons Blvd. in Joplin Scoping Total Cost: \$5,000 MoDOT: \$5,000 State

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities

N/A Agency: City Joplin
 Project: Downtown Joplin Streetscape Improvements (New Project)
 TIP Number: 08HL-10
 Location: Joplin Avenue between 5th and 6th Streets; 5th Street between Joplin Ave. and Main Street; and 6th Street between Joplin Ave. and Main Street
 Improvement: Engineering and Construction of Streetscapes
 Project Cost: Total Cost: \$1,016,500
 FHWA: \$950,000 FY 2009 Earmark
 Joplin: \$66,500 Transportation Sales Tax

N/A Agency: City Joplin
 Project: Zora and Main Interchange (Modified Project)
 TIP Number: 01HL-10
 Location: Zora and Main
 Improvement: ROW Acquisition and Construction of interchange
 Project Cost: Total Cost: \$10,180,800
 FHWA: \$5,821,000 FY 2006 Earmark
 \$1,554,800 Suballocated STP
 Joplin: \$2,805,000 Transportation Sales Tax
 Remark: Reconciled funding numbers

2nd Amendment:

***JATSO Approval
 FHWA Approval***

***January 21, 2010
 Pending***

Highway Projects:
 7P2193

Agency: MoDOT
 Project: Various Routes – Scoping for sidewalk improvements
 TIP Number: 33HS-10
 Location: Various Routes
 Improvement: Engineering
 Project Cost: 2010 Total Cost: \$5,000
 MoDOT: \$5,000 State
 2011 Total Cost: \$5,000
 MoDOT: \$5,000 State

Color Code:

Ongoing Activities

1st Quarter Activities

Future Activities

Completed Activities



AGENDA
JOPLIN AREA TRANSPORTATION STUDY ORGANIZATION
POLICY COMMITTEE
BASEMENT CONFERENCE ROOM
THURSDAY, November 12, 2009
1:30 P.M.

- I. Meeting called to Order**
- II. Old Business**
- III. New Business**
 - A. Revisions to the 2010 - 2013 Transportation Improvement Plan (TIP)**
 - B. Adoption of amendments to the 2010 – 2013 Transportation Improvement Plan (TIP)**
- IV. Other Business**
- V. Adjournment**

The meeting will be at Joplin City Hall in the Basement Conference Room, 602 Main Street, Joplin, Missouri.

NOTE: If you are in need of disability related auxiliary aids or services, contact our Joplin ADA Coordinator at 624-0820, Ext. 210, or the Joplin City Clerk's Office at 624-0820, Ext. 220. Kindly give us forty-eight (48) hours notice to arrange for the aids or services. TTD Number (417) 625-4774.

Notice posted at _____ on this the _____ day of _____, 2009.(RsMO 610.020)



AGENDA

**JOPLIN AREA TRANSPORTATION STUDY ORGANIZATION
BASEMENT CONFERENCE ROOM
POLICY COMMITTEE
THURSDAY, JANUARY 21, 2010
1:30 P.M.**

- I. Meeting called to Order**
- II. Old Business**
 - A. STP Small Urban Funds Application**
- III. New Business**
 - A. Functional Classification Review - MoDOT**
 - B. Annual Report of Obligated Funds - MoDOT**
 - C. Adoption of 2010-2013 TIP Amendment**
- IV. Other Business**
- V. Adjournment**

The meeting will be at Joplin City Hall in the Basement Conference Room, 602 Main Street, Joplin, Missouri.

NOTE: If you are in need of disability related auxiliary aids or services, contact our Joplin ADA Coordinator at 624-0820, Ext. 210, or the Joplin City Clerk's Office at 624-0820, Ext. 220. Kindly give us forty-eight (48) hours notice to arrange for the aids or services. TTD Number (417) 625-4774.