

# JATSO

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## *JOPLIN AREA TRANSPORTATION STUDY ORGANIZATION*



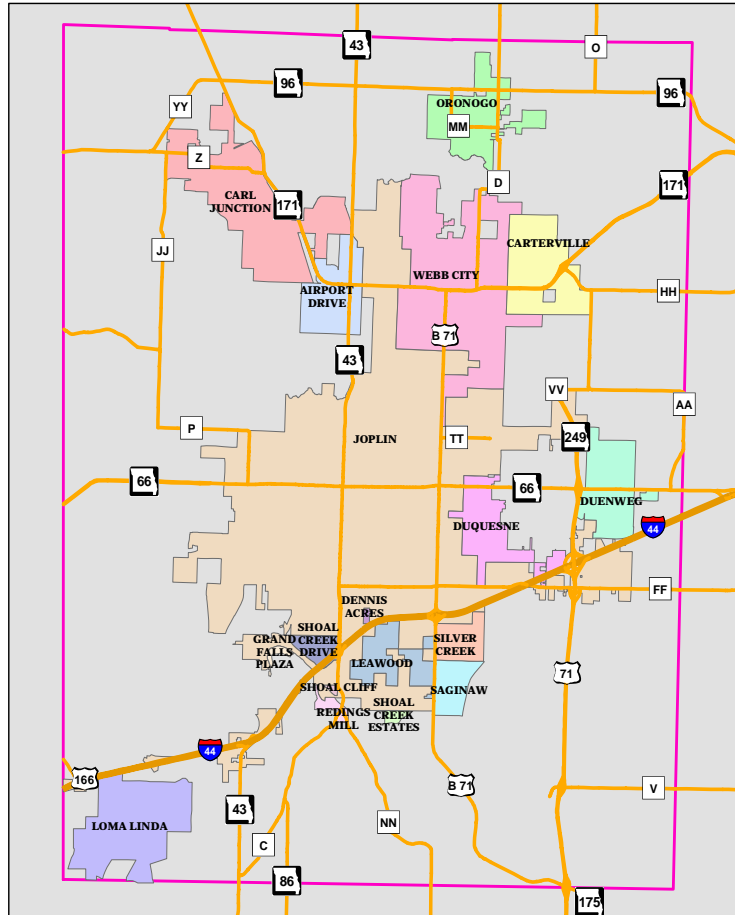
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**City of Joplin  
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Division of Planning & Community Development  
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## 2009 FY Goals

The annual transportation planning program begins on November 1, 2008 and continues through October 31, 2009. 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 2009, JATSO goals are:

1. Improve transportation through better cooperation and communication from JATSO, MoDOT, and ONEDOT.
  - a.) Ongoing Activities.
2. Create an interactive website that can be easily accessed by the public to view GIS/JATSO data and information.
  - a.) Finalized the Agreement with Midland GIS Solutions for the interactive website – October 2008
  - b.) Midland GIS started the construction of the website at the beginning of January. It is anticipated that the site will be completed by Mid-April.
3. Identify growth and changing land use patterns by updating aerial photography through a flyover of the MPO boundaries.
  - a.) Anticipating the flyover of the JATSO area in the First week of March
  - b.) Anticipate on having the new digital aerial maps in our GIS database by Mid-April
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.) JATSO will purchase the transportation model – Anticipated Date September or October of 2009
  - b.) Collaboration and training will take place on the model – Early 2010 FY
5. Increase participation in JATSO by holding more meetings, giving presentations, and increase advertising.
  - a.) JATSO advertises two weeks in advance for upcoming meetings and encourages citizens and Policy Board Members to come to meetings. Unfortunately, participation by the citizens at these meetings have been low.

## Task 1: Transportation Improvement Plan

**Objective:** 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 2009-2012 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 2009-2012 TIP
  - a.) Ongoing Activity
2. Amend FY 2009-2012 TIP when new projects are added
  - a.) JATSO approved two TIP Amendments on December 11, 2008, by e-mail vote and at their public meeting on January 15, 2009. Attachment A shows the amendments
3. Prepare FY 2010-2013 TIP
  - a.) Will be prepared and completed in the 3<sup>rd</sup> & 4<sup>th</sup> Quarters
4. Prepare the FY 2008 Annual Listing of Obligated Projects
  - a.) Completed in late December
  - b.) JATSO members were given a copy of the document at the January 15 Policy Board Meeting
5. Conduct Public Meetings
  - a.) Held a Policy Board Meeting on January 15, 2008. Attachment B shows the Agenda for the Meeting.

### End Products:

- 1.) One (1) JATSO FY 2010-13 TIP
- 2.) TIP amendments (as necessary)
- 3.) Prepare the FY 2008 Annual Listing of Obligated Projects

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Color Code:

Ongoing Activities

1<sup>st</sup> Quarter Activities

Future Activities

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**Schedule for Completion:**

1. Activities will be on-going from November 2008 through October 2009.

**a.) Ongoing Activities On Schedule**

**Budget:**

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

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
Transportation Improvement Plan	7,035.00	1,077.08	1,077.08	5,957.92

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Color Code:

Ongoing Activities

1<sup>st</sup> Quarter Activities

Future Activities

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## TASK 2. Unified Planning Work Program

**Objective:** JATSO staff will maintain the approved UPWP for the current fiscal year 2009 and develop the 2010 UPWP.

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

### Work Items:

#### *Administration – 75%*

1. Monitor and maintain the FY 2009 UPWP
  - a.) Ongoing Activity
2. Prepare FY 2009 quarterly progress reports
  - a.) Completed FY 2008 4<sup>th</sup> Quarter Report –
  - b.) Ongoing Activity
3. Prepare the FY 2010 UPWP
  - a.) Will be prepared and completed in the 3<sup>rd</sup> & 4<sup>th</sup> Quarter
4. Document all MPO activities
  - a.) Ongoing Activity

#### *Outreach – 25%*

5. Conduct public meetings
  - a.) Held a JATSO Policy Board Meeting on January 15, 2009
6. Create informational brochures
  - a.) Project done at a later date
7. Ensure agencies receiving federal transportation funds maintain accurate financial records
  - a.) Ongoing Activity

### End Products:

- Four (4) FY 2009 quarterly progress reports
- One (1) JATSO FY 2010 UPWP

### Schedule for Completion:

- Activities will be on-going from November 2008 through October 2009.
  - a.) Ongoing Activities On Schedule

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

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
UPWP	45,730.00	6,873.44	6,873.44	38,856.56

### 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:**

- Administration – 100%
  - 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.

**End Projects:**

- 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

**Schedule for Completion:**

- Activities will be on-going from November 2008 through October 2009.
- Ongoing Activities on schedule

**Budget:**

(Federal 80% Local 20% Split)

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
GIS	28,140.00	4,308.33	4,308.33	23,831.67

## TASK 4. Transit Planning

### Objective:

- To provide program and administrative support for the Metropolitan Area Publictransit System (MAPS).
- To 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% -*
  - The MAPS transit coordinator collects and records transit data and information and reports the data findings to local and federal government agencies.
  - The MAPS transit coordinator and JATSO staff use data and information to complete short and long-range planning responsibilities.
  - Transit coordinator monitors and analyzes Sunshine Lamp Trolley system
  - Implementation the Human Services Transportation Coordination Plan.

### 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 2008 through October 2009.
- **Ongoing Activities**

### Budget:

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

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
Transit	50,061.00	10,520.80	10,520.80	39,540.20

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Color Code:

Ongoing Activities

1<sup>st</sup> Quarter Activities

Future Activities

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## TASK 5. Programs, Software & Hardware

**Objective:** To purchase computer hardware, software and other technologies to aid the planning process, specifically the purchase of a transportation modeling program.

### Current Status:

JATSO will purchase one (1) transportation modeling program.

TSO has narrowed the selection of transportation modeling programs to TransCAD (developed by Caliper) and Cube (developed by Citilabs). Staff believes these two models are more compatible with JATSO's GIS. Presentations will be given from both Caliper and Citilabs to determine which software works best with JATSO.

### Work Items:

*Equipment – 100%*

- 1.) JATSO will purchase a transportation modeling program compatible with JATSO GIS.
  - a.) JATSO will purchase the transportation model – Anticipated Date September or October of 2009
  - b.) Collaboration and training will take place on the model – Early 2010 FY

### Schedule for Completion:

- Anticipated purchase of the model is 2009.
  - a.) On schedule for purchase

### Budget:

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

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
Programs, Software, & Hardware	15,000.00	0	0	15,000.00

## TASK 6. Aerial Photography and Map Digitization Project

**Objective:** Create a set of digital aerial photographs, including contours, of the Joplin metropolitan area.

**Current Status:** This is a new task for FY 2009.

**Work Items:**

*Aerial Photographs – 100 %*

- 1.) Jasper County is creating a set of aerial and contour photographs of the JATSO area.
  - a.) *Anticipating the flyover of the JATSO area in the First week of March*
  - b.) *Anticipate on having the new digital aerial maps in our GIS database by Mid-April*

**End Products:**

- A complete and accurate set of digital aerial maps with contours of the JATSO area for transportation and land use planning.

**Schedule for Completion:**

- Anticipate flyover in Fall 2008 with digital maps available soon after.
  - a.) *Has been delayed – The Jasper County GIS Technician inform staff the flyover will happen in the first week of March*

**Budget:**

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

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
Aerial Photography & Map Digitization	30,000.00	0	0	30,000.00

## TASK 7. JATSO Website Development

**Objective:** Create an interactive website for citizens, agencies, businesses and local officials to view GIS layers and JATSO information.

**Current Status:** JATSO is leaning towards Midland GIS Solutions to create and maintain the website. JATSO is estimating it will cost \$38,800 to create the website and \$7,200 (\$600 per month) to maintain the website thereafter.

- The actual cost of the construction of the website was less than the estimated cost. It cost JATSO only \$17,000 to construct the website compared to the estimated cost of \$38,800.

**Work Items:**

*Consultant Fee – 100%*

- 1.) A website development company will create and maintain the website.
  - a.) JATSO finalized the agreement with Midland GIS Solutions for the creation and the maintenance of the GIS website.
  - b.) Midland GIS started construction of the website in the beginning of January
  - c.) Its anticipated that the website will be up and going by Mid-April

**End Products:**

- An interactive website.

**Schedule for Completion:**

- The new JATSO website should be ready in the Fall/Winter 2008.
  - a.) Has been delayed – Work started on the website in January and should be done in Mid- April

**Budget:**

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

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
JATSO Website Development	46,000.00	0	0	46,000.00

## TASK 8. Transportation Studies

**Objective:** To purchase traffic counters to perform necessary transportation studies.

**Current Status:** No specific project locations are identified at this time, but due to growth patterns in the JATSO planning area additional counter will allow multiple studies to be conducted at the same time. JATSO anticipates conducting approximately twelve (12) traffic counts for the FY 2009.

**Work Items:**

- Equipment – 100%
  - Purchase five (5) traffic counters

**End Product:**

- Five (5) traffic counters
- Traffic count data

**Schedule for Completion:**

- Anticipate purchasing the traffic counters during in the first quarter of FY 2009.
- Traffic counts will be conducted through the JATSO fiscal year.
  - a.) Engineer is to conduct traffic counts with their current markers. The new traffic counters should be purchased later on this year.

**Budget:**

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

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
Transportation Studies	6,000.00	0	0	6,000.00

1<sup>st</sup> Quarter Financial Summary  
November 1, 2008 – January 31, 2009

Cost Category

Consolidated Planning Funds  
FHWA PL & FTA 5303

***Personnel Services***

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
Regular – Full Time	53,601.00	8,696.04	8,696.04	62,297.04
Longevity Pay	496.00	51.06	51.06	444.94
Auto Allowance	301.00	48.71	48.71	252.29
Cell Phone Allowance	626.00	37.63	37.63	588.37
Hospitalization	6,389.00	942.18	942.18	5,446.82
Worker's Compensation	697.00	56.06	56.06	640.94
FICA	4,007.00	667.92	667.92	3,339.08
LAGERS	3,631.00	172.75	172.75	3,458.25
Deferred Compensation	376.00	60.91	60.91	315.09
Life Insurance	225.00	37.56	37.56	187.44
<b>Total Personnel Expense</b>	<b>70,349</b>	<b>10,770.82</b>	<b>10,770.82</b>	<b>59,578.18</b>

***Operational Supplies***

Item	FY 2009 Budget	Expended (1 <sup>st</sup> Quarter)	Expended (Year to Date)	Unexpended Amount
Operational Supplies	300.00	0	0	300.00
General Office Supplies	150.00	0	0	150.00
Food & Beverage Supplies	150.00	0	0	150.00
GIS Project Supplies	400.00	0	0	400.00
Facility Rent Allocation	5,881.00	130.24	130.24	5,750.76
Telephone Charges	300.00	48.45	48.45	251.55
Postage	50.00	0	0	50.00
Continued...				

Color Code:

Ongoing Activities

1<sup>st</sup> Quarter Activities

Future Activities

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Safe Route to School Project:

STP-INF-H287 (101)

Agency: MoDOT (Safe Route to School Program)  
Location: Various city streets near Carterville Elementary  
Improvement: School Zone Improvements  
Local Match: 100 % funded by SRTS Program

Attachment B  
Agenda for the January 15, 2009 JATSO Meeting

**AGENDA**  
**JOPLIN AREA TRANSPORTATION STUDY ORGANIZATION**  
**BASEMENT CONFERENCE ROOM**  
**POLICY COMMITTEE**  
**THURSDAY, JANUARY 15, 2009**  
**1:30 P.M.**

**I. Meeting called to Order**

**II. Old Business**

**III. New Business**

- A. Presentation over the Joplin West Corridor Study – CH2M Hill**
- B. Safe & Sound Bridge Program - MoDOT**
- C. Update on the 32<sup>nd</sup> & Main Interchange Project - MoDOT**
- D. Update on the 25<sup>th</sup> & Connecticut Viaduct Project - MoDOT**
- E. Adoption of 2009-2012 TIP Amendments**
  - a) Safe Routes to School Project (City of Carterville) – MoDOT**  
(Vote will be needed)
  - b) Enhancement Project – MoDOT**  
(Vote will be needed)
  - c) Transportation Project – MoDOT**  
(Vote will be needed)
  - d) Administrative Amendment for the Joplin Airport – MoDOT**  
(Vote will not be needed)
- F. Functional Classification Review - MoDOT**
- G. Adoption of 2009-2012 UPWP Amendment**
  - a) JATSO staff (Vote will be needed)**

**IV. Other Business**

- A. Update on the Website Development – JATSO Staff**
- B. Review on the Public Involvement Plan (PIP) - MoDOT**

**V. Adjournment**