JOPLIN AREA

Transportation Study Organization

Fiscal Year 2025 Unified Planning Work Program

Approved by the JATSO Policy Board on September 26, 2024

Introduction

Purpose

The Joplin area transportation planning process is an on-going work effort that constitutes the planning work activities developed by the Joplin Area Transportation Study Organization (JATSO) staff. The purpose is to analyze and evaluate various types of data (such as demographic, socio-economic, land use and scientific) to provide a rational basis for making short-range and long-range decisions about transportation needs in the Joplin metropolitan area. The planning process identifies present and future needs, and develops plans, policies, and projects to carry out objectives identified in the Metropolitan Transportation Plan (MTP). The transportation planning process is required by federal regulations as a prerequisite to the receipt of federal capital and operating assistance. The result from this continuing, cooperative, and comprehensive process will include plans and programs that match and enhance the comprehensively planned development of the metropolitan area. In addition, the planning process and requirements are mandated by the Bipartisan Infrastructure Law (BIL).

Organization

On May 20, 1983, Governor Christopher Bond of Missouri signed the letter of approval designating JATSO as the Metropolitan Planning Organization (MPO) for the Joplin metropolitan area under Title 23 of the U.S. Code. The MPO has designated the City of Joplin as the contracting agent for service agreements involving federal planning funds from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). The JATSO organization is governed by the JATSO Policy Board that consists of six members from the City of Joplin, and one member from each of the following organizations: Harry S. Truman Coordinating Council, City of Webb City, City of Carl Junction, MoDOT Southwest District, Newton County, and Jasper County. The Harry S. Truman Coordinating Council is the local regional planning commission and represents smaller villages and unincorporated areas on the JATSO Policy Board. The organization and responsibilities of the various agencies involved in the metropolitan transportation planning process are defined in this Unified Planning Work Program (UPWP), the Memorandum of Understanding, and the JATSO bylaws.

Funding for the UPWP

Funding for the UPWP comes from these sources: FHWA, FTA, the City of Joplin, and local jurisdictions, as applicable. FHWA Planning and FTA Section 5303 funds are combined into one category, called a Consolidated Planning Grant (CPG), and provide 80 percent of the UPWP funds. The Federal planning funds require a 20 percent local match. This local match is provided by the City of Joplin general revenue funding source except where jurisdictions are completing individual planning projects.

Planning Factors

The Federal transportation planning regulations require the metropolitan transportation planning process to be continuous, cooperative, and comprehensive; and that the JATSO UPWP provide for consideration and implementation of projects, strategies, and services that will address the following ten factors:

1. Support the economic vitality of the Joplin metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;

2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase the accessibility and mobility of people and freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and
10. Enhance travel and tourism.

In 2012, the Moving Ahead for Progress in the 21st Century Act (MAP-21) was signed into law. MAP-21 transformed federal transportation grant programs by establishing new requirements for performance management and performance-based planning and programming to ensure the most efficient investment of federal transportation funds. The Fixing America's Surface Transportation Act (FAST Act) was signed into law in 2015 and continued the performance management and performance-based planning and programming requirements of MAP-21 with minor changes. BIL was signed into law in 2021 which provided for continuation of these requirements. More guidance is expected to come out under BIL. In implementing MAP-21 and the FAST Act, State Departments of Transportation (DOTs), MPOs, and providers of public transportation must

- establish performance targets that reflect the measures;
- report on progress towards achieving those targets; and
- develop performance-based plans that implement a performance-based approach to planning and programming.

On December 30, 2021, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) offices of Planning jointly issued updated Planning Emphasis Areas (PEAs). JATSO considers these PEAs during the task development process of the Unified Planning Work Program (UPWP).

Eligible Work Activities

There are multiple work activities that are considered eligible for federal transportation planning funds. Eligible work activities must support the JATSO regional transportation planning process.

Public Participation Plan

The purpose for the Public Participation Plan (PPP) adopted in 2016 is to involve the public in the planning process, since the purpose of regional planning is to meet public mobility needs. The PPP outlines a process for the public comments on the MTP, TIP, UPWP, Title VI/ Environmental Justice and at public meetings. See Table 1 for the comment periods required for various MPO work products. A paper copy of the PPP can be acquired at Joplin City Hall, Metropolitan Area Public Transit System (MAPS) office, Webb City City Hall, Carl Junction City Hall, and Harry S. Truman Coordinating Council offices. Electronic copies of the PPP, Title VI Plan,

and Limited English Proficiency Plan can be found on the City of Joplin website at this link: Public-Participation-Plan (joplinmo.org).

FY 2025 Program Goals

The annual transportation planning program begins on November 1, 2024, and continues through October 31, 2025. 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 2025, JATSO's goals are:

1. Increase community engagement by using the JATSO website, social media, and other online tools to reach as many residents of the JATSO planning area as possible.
2. Maintain and amend the 2022-2025 JATSO TIP in accordance with state and federal standards as necessary.
3. Produce the 2026-2029 JATSO TIP in accordance with state and federal standards.
4. Assess the active transportation network in the JATSO metropolitan planning area (MPA) to find creative opportunities to increase network connectivity and ease of use.
5. Continue to improve the operational and technical capacity of the JATSO metropolitan transportation planning process.
6. Update JATSO's Public Participation Plan (PPP).
7. Update JATSO's Metropolitan Transportation Plan (MTP) due February 2026.

Task 1 – Program Support and Administration

Objective

JATSO staff will manage the transportation planning program for the metropolitan planning area, conduct public meetings, develop, and administer the UPWP, and attend professional development and training events.

Status

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

FY 2024 Work Items Completed

- Amend FY 2024 UPWP as needed
- Submitted UPWP quarterly progress reports and invoices to MoDOT
- Developed the FY 2025 UPWP
- Conducted public meetings
- Updated the JATSO website with current information and work products
- Participated in monthly coordination meetings with MoDOT
- Participated in several webinars and Zoom meeting with FHWA and MoDOT

FY 2025 Work Items

- Develop the FY 2026 UPWP
- Make any necessary amendments to the FY 2025 UPWP
- Update the Public Participation Plan (PPP)
- Plan and conduct public meetings in accordance with the PPP
- Maintain and update the JATSO website
- Monitor and update planning documents
- Prepare and transmit quarterly progress reports and invoices to MoDOT
- Participate in MoDOT's district and statewide planning partner activities
- Participate in trainings, webinars, and conferences related to transportation planning as they become available
- Improve office equipment, computer systems, and software as needed.

Public Participation

Any adoption of a UPWP or UPWP amendment will comply with JATSO's Public Participation Plan. This requires a seven (7) day public comment period prior to JATSO meetings and any updates to the UPWP. A news release will be issued and posted to the JATSO webpage in advance of the public meeting.

FY 2025 End Products

- FY 2026 UPWP
- Updated PPP
- Any necessary amendments to the FY 2025 UPWP
- Four (4) quarterly progress reports and invoices submitted to MoDOT
- Meeting attendance and coordination with MoDOT

Schedule for Completion

This work is ongoing throughout the fiscal year.

Task 1 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$123,380	$98,704	$24,676
Travel Expenses	$2,000	$1,600	$400
Conferences and Seminars	$1,000	$800	$200
Dues and Memberships	$1,100	$880	$220
Office Equipment & Supplies	$500	$400	$100
Total	$127,980	$102,384	$25,596

Task 2 – Short Range Transportation Planning

Objective

JATSO staff will maintain a fiscally constrained area-wide programmed listing of transportation improvement projects inside the Joplin metropolitan planning area for a four-year period that is consistent with JATSO's metropolitan transportation plan. JATSO updates its TIP every other year.

Status

Staff developed the FY 2022-2025 TIP during FY 2021 for approval by the JATSO Policy Board. FY 2024 work on the TIP included updates and amendments. FY2025 will see the development of the FY2026-2029 TIP.

FY 2024 Work Items Completed

- Maintained and monitored the projects in the JATSO FY 2022-2025 TIP
- Updated the 2022-2025 TIP as needed
- Prepared the FY 2023 Annual Listing of Obligated Projects
- Coordinate with local jurisdictions on transportation projects to promote regional coordination and cooperation in carrying out planning program activities
- Voted to support MoDOT performance targets
- Incorporated target measures into the TIP and MTP

FY 2025 Work Items

- Prepare and adopt the FY 2026-2029 TIP
- Amend the FY 2022-2025 TIP as needed
- Prepare the FY 2024 Annual Listing of Obligated Projects
- Coordinate with local jurisdictions on transportation projects to promote regional coordination and cooperation in carrying out planning program activities
- Incorporate performance measures and targets into the TIP and MTP as needed
- Plan and coordinate projects that support JATSO transportation infrastructure
- Conduct Public Meetings for TIP adoption and amendments in accordance with the Public Participation Plan

Public Participation

Prior to adopting a TIP, a public meeting will be held by the Policy Board. A news release will be issued and posted to the JATSO webpage fourteen (14) days in advance of the public meeting. TIP amendments will have a public comment period of seven (7) days. The public is encouraged to formulate comments regarding the TIP document.

FY 2025 End Products

- Board approved FY 2026-2029 TIP
- FY 2024 Annual Listing of Obligated Projects

Schedule for Completion

Activities will be on-going from November 1, 2025, through October 31, 2026

Task 2 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$42,913	$34,330	$8,583
Total	$42,913	$34,330	$8,583

Task 3 – Long Range Transportation Planning

Long range transportation planning's purpose is to prepare for the long-term health and growth of the regional transportation system, both motorized and non-motorized. This includes JATSO's Metropolitan Transportation Plan (MTP) and Bicycle and Pedestrian Plan (BPP). Additional tools, studies, and plans that pertain to long-range transportation planning are found in Task 3.

Status

Transportation needs in the JATSO planning area continue to evolve and require more data and tools to provide for transportation planning needs. Two additional studies or assessments are planned for FY 2025.

FY 2024 Work Items Completed

- Completed Active Transportation Assessment.
- Webb City maintenance assessment completed using other funding sources.
- Paid Aerial photography agreement invoices paid.
- Executed Origin and Destination Study agreement.

FY 2025 Work Items

- Complete Origin and Destination study.
- Update the Metropolitan Transportation Plan (MTP)

Public Participation

JATSO will work with the consultants on all projects to create robust public engagement plans that comply with the PPP.

FY 2025 End Products

- Completed Origin and Destination Study
- Updated Metropolitan Transportation Plan (MTP)

Schedule for Completion

The Origin and Destination Study and Metropolitan Transportation Plan (MTP) are expected to be completed by the end of FY 2025.

Task 3 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$42,913	$34,330	$8,583
Metropolitan Transportation Plan update	$200,000	$160,000	$40,000
Origin and Destination Study	$136,000	$108,800	$27,200
Total	$378,913	$303,130	$75,783

Task 4 – Transit Planning

Objective

The JATSO staff will provide program and administrative support for the Metropolitan Area Public Transit System (MAPS) and the Sunshine Lamp Trolley system. JATSO staff will conduct long and short-range transit planning responsibilities.

Status

JATSO staff continues with program support and administration.

FY 2024 Work Items Completed

- JATSO staff monitored the MAPS and collected data and information.
- JATSO staff monitored the Sunshine Lamp Trolley system.
- JATSO staff planned for the development of a transfer station and updated trolley routes.

FY 2025 Work Items

- The JATSO staff collects and records transit data and information and reports the data findings to local, state and federal government agencies.
- The JATSO staff use data and information to complete short and long-range planning responsibilities.
- The JATSO staff monitors and analyzes Sunshine Lamp Trolley system.
- Review transit targets and update Transit Asset Management (TAM) Plan if necessary.
- Review Public Transit Agency Safety Plan (PTASP) and update Safety Goals if necessary.

Public Participation

The JATSO staff will hold public meetings and gather input in accordance with the Public Participation Plan.

FY 2025 End Products

- The JATSO staff assist develop planning activities for daily operations of MAPS.
- The JATSO staff provides MoDOT and FTA with necessary transit data and documentation.

Schedule for Completion

Activities will be on-going from November 1, 2024, through October 31, 2025.

Task 4 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$92,700	$74,160	$18,540
Total	$92,700	$74,160	$18,540

Task 5 – Geographic Information Systems

Objective

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

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 JATSO's GIS databases as it becomes available.

FY 2024 Work Items Completed

- Staff maintained and updated street, trail, subdivision, zoning, sewer, flood plain, and ownership GIS layers.
- ArcMap software license was renewed through ESRI
- Maintained and updated GIS layers used by JATSO, MAPS, the Harry S. Truman Coordinating Council and local governments and agencies.
- Annual ESRI licensing fee
- Maintained the GIS website

FY 2025 Work Items

- Maintain and update GIS layers used by JATSO, MAPS, HSTCC, and member local governments and agencies
- Renew annual ESRI ArcMap license
- Maintain the GIS website

FY 2025 End Products

- Updated and maintained GIS layers
- Updated ArcMap software license

Schedule for Completion

Activities will be on-going from November 1, 2024, through October 31, 2025.

Task 5 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$76,231	$60,985	$15,246
ESRI License Update	$16,000	$12,800	$3,200
Total	$92,231	$73,785	$18,446

Task 6 – Safety Planning

Objective

JATSO staff will work on projects, plans, and other priorities specifically to address safety issues in our planning area. This task is utilizing the 2.5% set aside of Safe and Accessible Transportation Options Planning funds for JATSO. The amount of the 2.5% set aside will be $5,177 for FY 2025. The work items listed in Task 6 meet the eligibility requirements of Safe and Accessible Transportation Options Planning and will be 100% funded with set aside and CPG funds. No local match is required.

Status

JATSO is currently planning on additional planning activities that address safety throughout the planning area.

FY 2024 Work Items Completed

- Complete Streets Committee
- Complete Streets Training for elected officials and for the Complete Streets Committee
- Active Transportation Plan approved by Council
- First part of the safety study for the JATSO area is complete.

FY 2025 Work Items

- Include and meet with Complete Streets Committee on projects as needed
- Conduct 2nd part of safety study of JATSO area, meeting Action Plan requirements under the Safe Streets and Roads for All (SS4A) grant.

FY 2025 End Products

- Complete Streets Committee being involved with transportation projects as appropriate and as needed.
- Development of Comprehensive Safety Action Plan complete for JATSO area, meeting Action Plan requirements of SS4A grant.

Schedule for Completion

Activities will be on-going from November 1, 2024, through October 31, 2025.

Task 6 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$32,433	$32,433	$0
Complete Streets Training	$5,000	$5,000	$0
Safety Plan	$120,000	$120,000	$0
Total	$157,433	$157,433	$0

Financial Summary Tables

Task Funding Breakdown

Task	CPG Funds	2.5 Set Aside Safe & Access Trans	Local Funds	Total
Program Support and Administration	$102,384		$25,596	$127,980
Short Range Transportation Planning	$34,330		$8,583	$42,913
Long Range Transportation Planning	$303,130		$75,783	$378,913
Geographic Information Systems	$73,785		$18,446	$92,231
Safety Planning	$152,256	$5,177	$0	$157,433
Total	$665,885	$5,177	$128,407	$799,470

Task	5307 Funds	Local Funds	Total
Transit Planning	$74,160	$18,540	$92,700

Source Funding Breakdown

Funding Summary by Source	
Consolidated Planning Grant Funds 80%	$513,630
Consolidated Planning Grant Funds 100%	$157,433
5307 Funds	$74,160
Local Match	$146,948
Total Funds Allocated	$892,171

CPG Balance Tracking

JATSO CPG Balance Tracking	
CPG Balance as of 7/10/24	$553,379
Estimated FY 2025 allocation	$268,908
Remaining FY 2023 CPG Funds to be expended	$(125,000)
CPG Funds Programmed for FY 2025	$(671,062)
Remaining Unprogrammed Balance	$26,225

JATSO Information

Organizational Chart

- Robert Lolley, Transportation Planner (1.0 FTE)
- Gina Thompson, Transit Director (1.0 FTE)
- John Gilligan, GIS Coordinator (0.8 FTE)
- Troy Bolander, MPO Staff Director (0.5 FTE)
- Johan Bullington, Planning and Development Assistant Director (0.25 FTE)
- Mallory Wicklund, Finance Budgeting (0.25 FTE)
- Vacant, Administrative Assistant (0.25 FTE)
- Dakota Rusk, Traffic Engineer (0.25 FTE)
- Dan Johnson, Public Works Director, JATSO Board Chairman (0.1 FTE)
- Jeremy Hagerman, Public Works Assistant Director (0.1 FTE)
- Chad Weller, Public Works Director of Operations (0.1 FTE)
- Rob Beachner, Engineering Project Manager (0.1 FTE)

Employee	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6
Robert Lolley	X	X	X			X
Gina Thompson				X		
John Gilligan					X	
Troy Bolander	X	X	X		X	X
Johan Bullington	X	X	X			X
Mallory Wicklund	X					
Vacant, Admin. Asst.	X					
Dakota Rusk	X	X	X			X
Dan Johnson	X	X	X			X
Asst. P.W. Dir, Jeremy Hagerman	X	X	X			X
Chad Weller	X	X	X			X
Rob Beachner	X	X	X			X

Members

Name	Agency	Title
Dan Johnson*	City of Joplin	Director of Public Works; Chair
Troy Bolander*	City of Joplin	Director of Planning; Vice Chair
Chad Weller	City of Joplin	Assistant Director of Public Works – Operations
Jermey Hagerman*	City of Joplin	Assistant Director of Public Works – Engineering
Bart Starkey*	City of Joplin	Airport Manager
Gina Thompson*	City of Joplin	Transportation Coordinator
Carl Francis*	City of Webb City	City Administrator
Steve Lawver*	City of Carl Junction	City Administrator
Carrie Campbell*	Harry S. Truman Coordinating Council	Executive Director
Marvin Morris*	Missouri Department of Transportation	Area Engineer
Darieus Adams*	Jasper County	Commissioner
Daniel Swem*	Newton County	Commissioner
Frank Miller	Missouri Department of Transportation	Southwest District Planning Manager; Alternate
Will Cline	Harry S. Truman Coordinating Council	Transportation Planner; Alternate
Dakota Rusk*	City of Joplin	Traffic Engineer; Alternate

Voting Members *

JATSO Boundary Map

