JOPLIN AREA

Transportation Study Organization

Fiscal Year 2024 Unified Planning Work Program

Approved by the JATSO Policy Board on September 28, 2023

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. 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 implement a performance-based approach to planning and programming.

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. Elements of the referenced Planning Emphasis Area were incorporated into the development of this document.

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 and vehicles, 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 2024 Program Goals

The annual transportation planning program begins on November 1, 2023, and continues through October 31, 2024. 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 2024, 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 2024-2027 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.

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 2023 Work Items Completed

- Amend FY 2023 UPWP as needed
- Submitted UPWP quarterly progress reports and invoices to MoDOT
- Developed the FY 2024 UPWP
- Conducted three public meetings
- Updated the JATSO website with current information and work products
- Participated in monthly coordination meetings with MoDOT
- Participated in the February 2023 Statewide Planning Partner meeting
- Participated in several webinars and Zoom meeting with FHWA and MoDOT
- Participated in Lane Shift Benchmarking tour in northwest Arkansas
- Attended FHWA National Peer Exchange on Freight Resiliency for Climate-related Disruptions in Chicago
- Participated in the Missouri Active Transportation Summit via Zoom

FY 2024 Work Items

- Develop the FY 2025 UPWP
- Make any necessary amendments to the FY 2024 UPWP
- 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 2024 End Products

- FY 2025 UPWP
- Any necessary amendments to the FY 2024 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	$115,181	$92,145	$23,036
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	$119,781	$95,825	$23,956

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 2023 work on the TIP will included updates and amendments. FY2024 will see the development of the FY2024-2027 TIP.

FY 2023 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 2022 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 2024 Work Items

- Prepare and adopt the FY 2024-2027 TIP
- Amend the FY 2022-2025 TIP as needed
- Prepare 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
- 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 2024 End Products

- Board approved FY 2024-2027 TIP
- FY 2023 Annual Listing of Obligated Projects

Schedule for Completion

Activities will be on-going from November 1, 2023, through October 31, 2024

Task 2 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$63,445	$50,756	$12,689
Total	$63,445	$50,756	$12,689

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 2024, and a payment of the annual invoice for aerial photography and continuation of studies started in FY 2023.

FY 2023 Work Items Completed

- Completed Active Transportation Assessment.
- Webb City maintenance assessment and plan underway.
- Budgeted aerial photography payment.
- Origin and destination study complete.

FY 2024 Work Items

- Continue Freight Assessment into FY24
- Continue Webb City maintenance assessment into FY24.
- Pay annual invoice for aerial photography agreement.

Public Participation

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

FY 2024 End Products

- Complete Webb City maintenance assessment and plan
- In-progress Freight Study

Schedule for Completion

All studies and trainings are expected to be completed by the end of FY 2024.

Task 3 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$ 42,297	$ 33,838	$ 8,459
Freight Study	$ 180,000	$ 144,000	$ 36,000
Aerial Photography	$ 22,346	$ 17,877	$ 4,469
Webb City Maintenance Assessment	$ 100,000	$ 80,000	$ 20,000
Total	$ 344,643	$ 275,714	$ 68,929

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 2023 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 2024 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 TAMP plan if necessary.
- The JATSO staff will continue to plan for the development of a transfer station and updated trolley routes with available resources.

Public Participation

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

FY 2024 End Products

- The JATSO staff carries out the 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, 2023, through October 31, 2024.

Task 4 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$ 99,415	$ 79,532	$ 19,883
Total	$ 99,415	$ 79,532	$ 19,883

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 2023 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 2024 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 2024 End Products

- Updated and maintained GIS layers
- Updated ArcMap software license

Schedule for Completion

Activities will be on-going from November 1, 2023, through October 31, 2024.

Task 5 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$ 70,328	$ 56,262	$ 14,066
ESRI License Update	$ 16,000	$ 12,800	$ 3,200
Total	$ 86,328	$ 69,062	$ 17,266

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 $5,007 for FY 2024.

Status

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

FY 2023 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 2024 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 2024 End Products

- Complete Streets Committee being involved with transportation projects as appropriate and as needed.
- complete 2nd part of the Safety Study for JATSO area, meeting Action Plan requirements of SS4A grant.

Schedule for Completion

Activities will be on-going from November 1, 2023, through October 31, 2024.

Task 6 Budget Breakdown

Budget Item	Total Cost	Federal Share	Local Share
Staff Time	$ 32,288	$ 25,830	$ 6,458
Complete Streets Training	$ 5,000	$ 4,000	$ 1,000
Safety Plan	$ 200,000	$ 160,000	$ 40,000
Total	$ 237,288	$ 189,830	$ 47,458

Financial Summary Tables

Task Funding Breakdown

Task	CPG Funds	2.5 Set Aside Safe & Access Trans	Local Funds	Total
Program Support and Administration	$ 95,825		$ 23,956	$ 119,781
Short Range Transportation Planning	$ 50,756		$ 12,689	$ 63,445
Long Range Transportation Planning	$ 275,714		$ 68,929	$ 344,643
Geographic Information Systems	$ 69,062		$ 17,266	$ 86,328
Safety Planning	$ 184,823	$ 5,007	$ 46,206	$ 236,036
Total	$ 676,180	$ 5,007	$ 169,046	$ 850,233

Task	5307 Funds	Local Funds	Total
Transit Planning	$79,532	$19,883	$99,415

Source Funding Breakdown

Funding Summary by Source	
Consolidated Planning Grant Funds	$ 681,187
5307 Funds	$ 79,532
Local Match	$ 188,929
Total Funds Allocated	$ 949,648

CPG Balance Tracking

JATSO CPG Balance Tracking		
CPG Balance as of 8/15/23	$	914,032
Estimated FY 2024 allocation	$	259,704
Remaining FY 2023 CPG Funds to be expended	$	(180,294)
CPG Funds Programmed for FY 2024	$	(681,187)
Remaining Unprogrammed Balance	$	312,255

JATSO Information

Organizational Chart

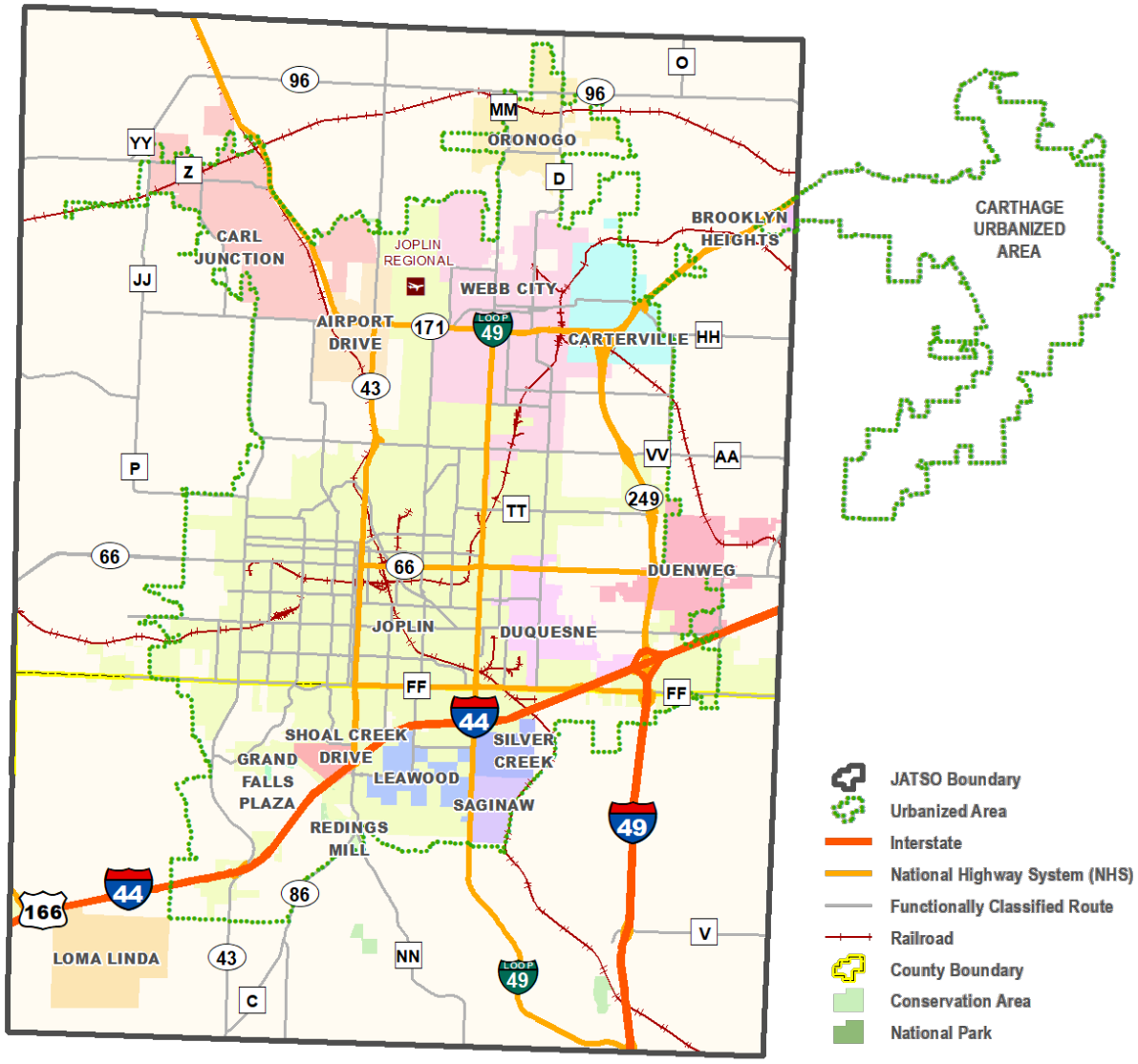
- Rachel Holcomb, Transportation Planner (1.0 FTE)
- Robert Lolley, Transit Director (1.0 FTE)
- John Gilligan, GIS Coordinator (0.8 FTE)
- Troy Bolander, MPO Staff Director (0.5 FTE)
- Johan Bullington, Planning and Development Assistant Director (0.25 FTE)
- Mallory Wicklund, Finance Budgeting (0.25 FTE)
- Vicki Copeland, Administrative Assistant (0.25 FTE)
- Dakota Rusk, Traffic Engineer (0.25 FTE)
- Dan Johnson, Public Works Director, JATSO Board Chairman (0.1 FTE)
- Vacant, 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
Rachel Holcomb	X	X	X			X
Robert Lolley				X		
John Gilligan					X	
Troy Bolander	X	X	X			X
Johan Bullington	X	X	X			X
Mallory Wicklund	X					
Vicki Copeland	X					
Dakota Rusk	X	X	X			X
Dan Johnson	X	X	X			X
Asst. P.W. Dir, Vacant	X	X	X			X
Chad Weller	X	X	X			X
Rob Beachner	X	X	X			X

Voting Members

Name	Agency	Title
Dan Johnson	City of Joplin	Interim 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
Vacant	City of Joplin	Assistant Director of Public Works – Engineering
Bart Starkey	City of Joplin	Airport Manager
Robert Lolley	City of Joplin	Transit Director
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
Vacant	Harry S. Truman Coordinating Council	Transportation Planner; Alternate
Dakota Rusk	City of Joplin	Traffic Engineer; Alternate

JATSO Boundary Map



Designated by Governor Bond in May 1983.