Joplin Area Transportation Study Organization

FY 2020-2023 Transportation Improvement Program

Approved by the JATSO Policy Board on September 26, 2019

Approved by ONE DOT on October 24, 2019

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Introduction

Purpose

The Joplin Area Transportation Study Organization (JATSO) maintains and monitors all transportation projects that receive state and federal funding, as well as all regionally significant projects that are funded locally. The JATSO is also responsible for updating long-range transportation plans and updating short-term and long-term transportation needs lists. The Metropolitan Planning Organization (MPO) designated for a metropolitan area, in cooperation with the Missouri Department of Transportation (MoDOT) and affected transit operators, shall develop the Transportation Improvement Program (TIP). The MPO shall provide citizens, affected public agencies, representatives of transportation agency employees, other affected employee representatives, private providers of transportation, and other interested parties with a reasonable opportunity to comment on the proposed program.

The TIP is a program management tool for structuring metropolitan transportation related projects. The JATSO is required, under 23 Code of Federal Regulations (CFR) 450.324, to develop a TIP in cooperation with MoDOT and public transit operators. The TIP shall cover a period of at least four (4) years, must be updated at least every four (4) years, and must be approved by the MPO and the governor. It shall contain a priority list of projects to be carried out within each four-year period or at least be grouped by year. It shall also include a fiscally constrained financial plan that demonstrates how the TIP can be implemented. It is a program or schedule of intended transportation improvements (or continuation of current activities) developed as part of the process of applying for federal funds from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).

The TIP is the short-term capital programming document that is used to implement the JATSO's Metropolitan Transportation Plan (MTP). It translates the policies, strategies, and directions of the MTP into specific decisions on projects and investments during the short-term TIP time horizon. This document is intended to serve as a project implementation guide for those agencies participating in JATSO. The projects outlined in this TIP are a reflection of the policies and plans adopted by JATSO. No Federal highway or transit funds may be spent on a project unless it is included in the TIP. All regionally significant projects that are funded locally should also be included in the TIP.

The Joplin MPO realizes the planning process must be "continuing, cooperative, and comprehensive" (also known as the 3 Cs). The JATSO strives to ensure the development of the TIP incorporates the 3C process. The planning process the JATSO used to create the TIP includes:

- Continuing Process: The JATSO continues to monitor and update the MTP, TIP, and other transportation plans and documents to make certain all modes of transportation meet our citizens' needs and expectations.
- Cooperative Process: The JATSO realizes the development of the MTP and TIP requires participation from many different stakeholders. The JATSO provides a venue to coordinate and offer cooperation among these stakeholders for obtaining input on transportation.
- Comprehensive Process: The JATSO comprehensively considers the social, economic, land use, and environmental impacts of all modes of transportation.

The continuous, cooperative, and comprehensive planning process provides for the consideration and implementation of projects, strategies, and services that will address the following factors:

1. Support the economic vitality of the metropolitan area, especially by enabling global competiveness, 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 for 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, and;
8. Emphasize the preservation of the existing transportation system;
9. Improve the resiliency and reliability of the transportation system;
10. Enhance travel and tourism.

In addition to the ten planning factors, consideration has been given to the complex transportation issues in the area, the growth rate of the area, the appropriateness of the ten factors specified for consideration, and the desirability of continuing any planning process that has already been established.

This TIP reflects consideration of the elements listed in the Rules for Metropolitan Planning as distributed by the Federal Highway Administration and the Federal Transit Administration.

Project Selection Process

In areas not designated as Transportation Management Areas (TMA's), projects to be implemented shall be selected by the state and transit operator in cooperation with the MPO from the approved TIP. The TIP project development and selection process must be based on an appropriate and cooperative project selection process between the MPO, MoDOT, local governments, and other appropriate transportation agencies (e.g., transit agencies). Further, each improvement type found in this program may have a project selection procedure in which projects are ranked according to some criteria. The procedure will be described in the appropriate section as needed.

This TIP, as approved by the JATSO Policy Board, constitutes the selection document for project implementation. The first year of the TIP represents the agreed to list of projects eligible for implementation.

The Regional Planning Commission, entitled the Harry S. Truman Coordinating Council (HSTCC), represents the MPO in the smaller villages and unincorporated areas in the metropolitan planning area and is responsible for selecting their projects. The City of Joplin utilizes a citizen committee to rank large projects within Joplin proper. The JATSO Policy Board meets and incorporates the projects into a TIP draft. The JATSO holds a public hearing on the TIP before its adoption by the JATSO Policy Board.

Participating jurisdictions will be notified by the MPO staff to submit project information and descriptions for the TIP. Notice will be given in the form of an official City of Joplin news release and posted on the JATSO website. Notice of public meetings and hearings will be posted as an agenda in Joplin City Hall.

Agencies submitting projects for inclusion in the TIP will include written documentation of the public involvement procedures used by that agency in selecting projects to include in the TIP and/or for Federal funding, e.g., projects for which FTA Section 5307 funding is sought. If written or oral comments that question the need, scope, or scheduling of TIP projects or that proposes alternative projects are received during the TIP public notice process, the JATSO will submit a summary, analysis, and report on the disposition of the comment which will be made a part of the approved TIP. All project cost estimates in the TIP reflect year of expenditure dollars.

TIP Format

This TIP will be broken into categories of similar improvement type:

- Aviation
- Highway
- Transit
- Non-motorized

Within each improvement type, the projects will be listed by agency and programmed year. Financial summaries that document the required demonstration of fiscal constraint, are presented as part of the required financial plan.

- The TIP consists of a series of tables describing specific improvement types and providing the following information:
- Name, location, and description of the proposed improvement.
- A schedule of expenditures in current dollars by fiscal year, including the funding source.
- Further detail on:
- Monitoring progress in implementing the transportation plan.
- Identify the criteria and process for prioritizing implementation of transportation plan elements.
- Identify any changes in priorities from previous TIPs.
- List major projects from the previous TIP that were implemented.
- Identify any significant delays in the planned implementation of major projects.

The JATSO and MoDOT self-certification document that the MPO is carrying out the planning process in accordance with all applicable Federal requirements.

The Federal regulations outlining the requirements for JATSO's development of the TIP for the Joplin metropolitan planning area are found in the 23 CFR 450.324. JATSO will follow has complied with the requirements of 23 CFR 450.324 in terms of the development and content of the TIP.

TIP Development and Public Involvement Process

The JATSO shall follow its established Public Participation Plan (PPP) regarding public participation and comment requirements for the development and publication of the TIP. Before the JATSO Policy Board

adopts a new TIP, there is a fourteen (14) day public comment period. Interested parties are encouraged to contact staff for any questions, concerns, or comments on the proposed project(s). Interested parties are also encouraged to attend the JATSO Policy Board meeting at which the Board is asked to approve the TIP.

The projects submitted by the various agencies for inclusion in the TIP have been subjected to citizen input through each individual agency's public involvement process. The projects submitted by the various departments of the City of Joplin – Airport and Public Works – are all part of the City's Capital Improvement Program (CIP).

The projects submitted by the Missouri Department of Transportation (MoDOT) have been reviewed by the department's district office at open meetings and through oral and written comments received from the public. The Missouri Highway and Transportation Commission have also approved the projects at an open meeting.

Please contact JATSO staff for any questions, concerns, or comments at the following: City of Joplin 602 S. Main Street Joplin, MO 64801 (417) 624-0820 ext. 511.

Annual Listing of Obligated Projects

As required by federal regulations (23 CFR 450.334), the Annual Listing of Obligated Projects (ALOP) Report lists all the committed transportation projects in the Joplin Metropolitan Planning Area for the 2019 Program Year (November 1 – October 31). The federal government obligates, or commits, funds to a project only after completion of the required project development process and all local, state, and federal approvals have been obtained. The obligated amounts reflected in this report may not be equal to the final project cost. Additionally, the report indicates those projects for which bicycle and pedestrian elements are included. The ALOP Report will include project description information, the amount of funds programmed in the TIP, the amount of funds obligated in the preceding program year, and the amount of funds remaining and available for use in subsequent years.

JATSO, MoDOT, and the local public transit operator are required to cooperatively develop the ALOP Report within 90 days following the end of the JATSO 2019 program year. The finalized ALOP Report will be presented for review by the JATSO Policy Board after the start of the new Program Year once the information becomes available. Upon acceptance by the Policy Board, the Annual Listing of Obligated Projects will be available on the JATSO webpage for public viewing.

Federal Performance Measures

Safety Measures

JATSO's Policy Board adopted MoDOT's statewide safety targets. Safety projects programmed in JATSO's FY 2020-2023 TIP will help move the State towards the adopted targets.

Transit Asset Management

Metro Area Public Transportation System (MAPS) of Joplin

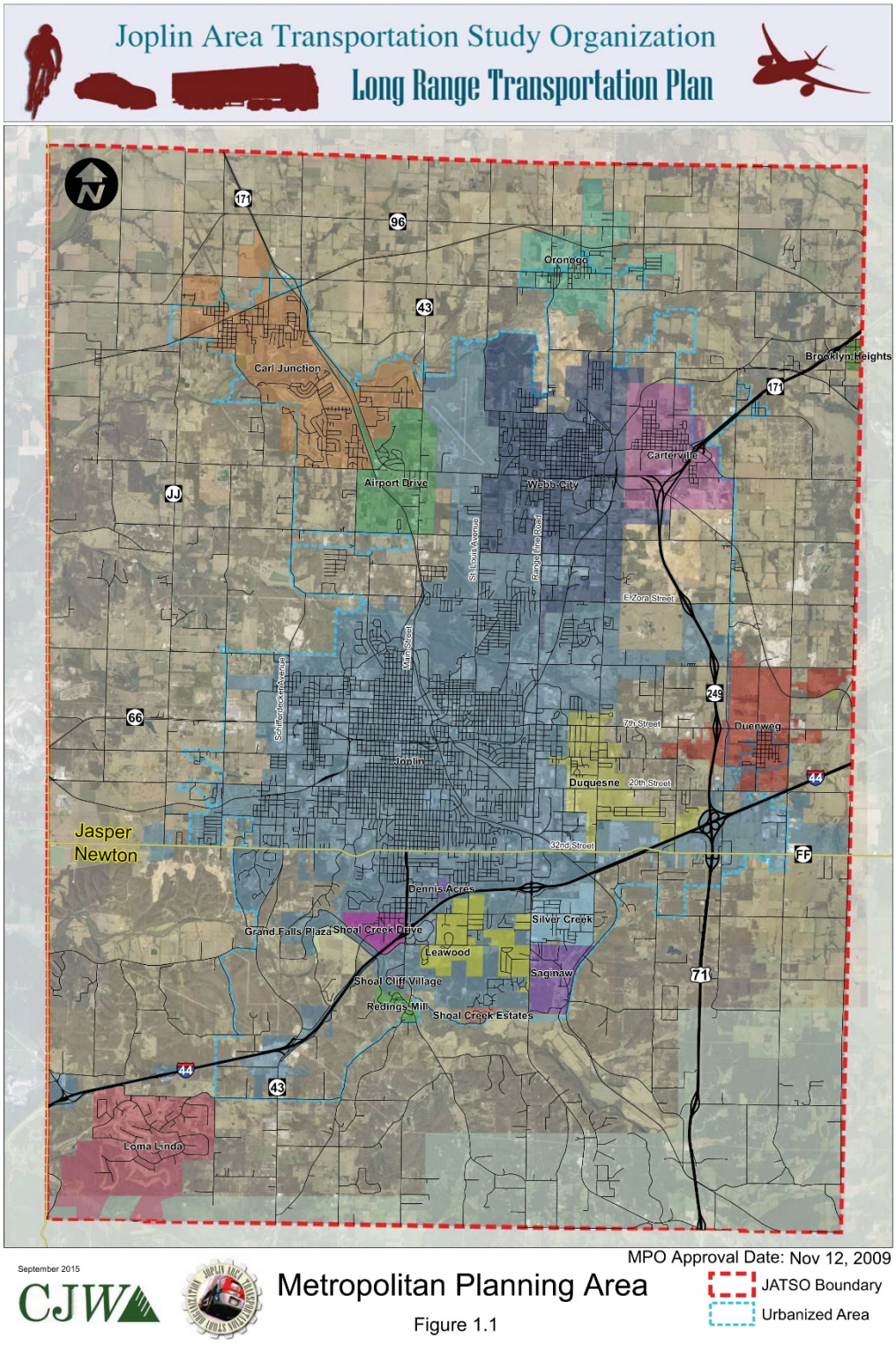
The MAPS of Joplin is responsible for collecting data, monitoring, and decision making. MAPS of Joplin's ultimate goal is maintaining the assets at or below the established targets and in a State of Good Repair. The MAPS' transportation coordinator will be responsible for collecting, monitoring, and maintaining data required for the transit asset management plan.

JATSO's Policy Board agreed to support MAPS' transit asset management targets. MAPS agrees to manage their assets in support of the MAPS' transit targets. The transit projects in JATSO's FY 2020-2023 TIP will help move MAPS towards their adopted targets.

Pavement, Bridge and System Performance

JATSO's Policy Board adopted MoDOT's statewide targets for pavement, bridge and system performance. Projects programmed in JATSO's FY 2020-2023 TIP will help move the State towards the adopted targets.

JATSO Boundary Map



JATSO Policy Board Voting Members

- Jasper County Commissioner
- David Hertzberg, City of Joplin, Director of Public Works
- Dave Taylor, MoDOT SW District, District Engineer
- Troy Bolander, City of Joplin, Director of Planning, Development, and Neighborhood Services
- Carl Francis, City of Webb City, Interim City Administrator
- Steve Lawver, City of Carl Junction, City Administrator
- Robert Lolley, City of Joplin, MAPS/Transit Coordinator
- Jill Cornett, Harry S. Truman Coordinating Council, Director
- Newton County Commissioner
- Steve Stockam, City of Joplin, Airport Manager
- Dan Johnson, City of Joplin, Assistant Director of Public Works
- Transportation Engineer, City of Joplin
- Frank Miller, MoDOT SW District, District Planning Manager
- Thomas Hughes, HSTCC, Transportation Planner

JATSO Policy Board Ex-Officio Members

- Missouri Department of Transportation, Central Office representative
- Missouri Department of Transportation, Central Office representative
- Federal Highway Administration representative
- Federal Transit Administration representative
- Freight industry representative

Aviation

Local Funding

The Joplin Regional Airport has an Airport Capital Improvements Program (ACIP) that generates approximately $1.0 million annually. Funding is used for maintenance of the current system, expansion projects, and aviation equipment. In addition, the City of Joplin currently has a ½ cent transportation sales tax that generates approximately $6.9 million annually which supports all modes of transportation.

Project Selection Process

Aviation projects are selected in cooperation with the Joplin Regional Airport.

Current Projects

TIP No.	01AIR-20	**Sponsor**	Joplin	**Description**	Runway 18-36 Reconstruction, Phase I
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin Airport

Phase	Year	Type	Source	Cost	Notes
Construction	2020	Federal	AIP	$ 7,006,250	**Notes: Reconstruct Runway 18-36 to accomodate current aircraft loading.**
Construction	2020	Non-Federal	Local Match	$ 368,750	

Federal Total: $ 7,006,250 **Non-Federal Total:** $ 368,750 **Project Total:** $ 7,375,000

TIP No.	01AIR-21	**Sponsor**	Joplin	**Description**	Runway 18-36 Reconstruction, Phase II
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin Airport

Phase	Year	Type	Source	Cost	Notes
Construction	2021	Federal	AIP	$ 6,816,250	**Notes: Reconstruct Runway 18-36 to accomodate current aircraft loading.**
Construction	2021	Non-Federal	Local Match	$ 358,750	

Federal Total: $ 6,816,250 **Non-Federal Total:** $ 358,750 **Project Total:** $ 7,175,000

TIP No.	02AIR-21	**Sponsor**	Joplin	**Description**	Design to construct new ARFF building
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin Airport

Phase	Year	Type	Source	Cost	Notes
Design	2021	Federal	AIP	$ 190,000	**Notes: A new ARFF facility will increase safety for the airport with additional firefighting apparatus.**
Design	2021	Non-Federal	Local Match	$ 10,000	

Federal Total: $ 190,000 **Non-Federal Total:** $ 10,000 **Project Total:** $ 200,000

TIP No.	01AIR-22	**Sponsor**	Joplin	**Description**	Construction of new ARFF building		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin Airport		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes: A new ARFF facility will increase safety for the airport with additional firefighting apparatus.**	
Construction	2022	Federal	AIP	$ 1,900,000			
Construction	2022	Non-Federal	Local Match	$ 100,000			
Federal Total:	$ 1,900,000	**Non-Federal Total:**	$ 100,000	**Project Total:**	$ 2,000,000		

TIP No.	01AIR-23	**Sponsor**	Joplin	**Description**	Design to construct new SRE building		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin Airport		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:**	
Construction	2023	Federal	AIP	$ 546,250			
Construction	2023	Non-Federal	Local Match	$ 28,750			
Federal Total:	$ 546,250	**Non-Federal Total:**	$ 28,750	**Project Total:**	$ 575,000		

TIP No.	02AIR-23	**Sponsor**	Joplin	**Description**	Extension planning for runway 18-36		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin Airport		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes: A 600-foot extension for Runway 18-36 is necessary to accomodate existing airport users. This project includes an environmental assessment for the extension.**	
Design	2023	Federal	AIP	$ 142,500			
Design	2023	Non-Federal	Local Match	$ 7,500			
Federal Total:	$ 142,500	**Non-Federal Total:**	$ 7,500	**Project Total:**	$ 150,000		

TIP No.	03AIR-23	**Sponsor**	Joplin	**Description**	Emergency generator		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin Airport		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes: Backup generator needed for terminal in case of power outages.**	
Capital	2023	Federal	AIP	$ 204,500			
Capital	2023	Non-Federal	Local Match	$ 10,750			
Federal Total:	$ 204,500	**Non-Federal Total:**	$ 10,750	**Project Total:**	$ 215,250		

Highway

Local Funding

Local funding for transportation improvements in the Joplin metropolitan area comes primarily from two sales taxes within the City of Joplin. Joplin has a 1/2 cent Transportation Sales Tax that generates approximately $6,900,000 annually of which $5,700,000 is used for roadway projects. This tax, along with state funding, finances street maintenance and cleaning, traffic control and signal maintenance, and roadway and bicycle/pedestrian projects in the City of Joplin. The Transportation Sales Tax is a permanent sales tax with no sunset clause. Additional funding is generated through the 3/8 cent Capital Improvements Sales Tax which generates approximately $5,189,000 million annually. The Capital Improvement Sales Tax is a ten-year tax and was renewed by voters in 2014. The City of Carl Junction has a permanent 1/2 cent Capital Improvements Sales Tax and a 1/2 Transportation Sales Tax which each generate $156,000 annually. The City of Webb City has a permanent 3/8 cent Capital Improvements Sales Tax and a 1/2 cent Transportation Sales Tax which generate $750,000 and $560,000 respectively. On December 4th, 2015, the Fixing America's Surface Transportation Act (FAST ACT) was signed into law.

State Funding

MoDOT's principal sources of state revenue are motor vehicle fuel taxes, licenses and fees, and one-half of the motor vehicles sales taxes. It is expected that these sources of revenue will continue and MoDOT's contributory obligations for projects identified in the TIP will be funded.

Federal Funding

The proposed federal funding amounts do not exceed what is anticipated to be available for the TIP.

BRO Funds

The Bridge Replacement Off-System (BRO) program is designed to assist counties with the rehabilitation or replacement of bridges located on non-federal aid routes.

Project Selection Process

The City of Joplin utilizes a citizens' committee to select and rank large projects within Joplin proper. The projects are selected based upon the goals identified in the 2036 Metropolitan Transportation Plan and identified by the Citizens Advisory Recovery Team (CART), which led to the update of the Joplin 2012 Comprehensive Plan. The Regional Planning Commission, the Harry S. Truman Coordinating Council (HSTCC), represents the small villages and unincorporated areas in the MPO area. The HSTCC is responsible for selecting and ranking projects for their area. The JATSO Policy Board consists of the MPO's transportation partners, including: the Cities of Joplin, Webb City, and Carl Junction, HSTCC, Jasper and Newton Counties, and MoDOT. The JATSO Policy Board is responsible for approving projects to the TIP. Meetings are open to the public and public comments are encouraged.

Current Projects

TIP No.	06HS-12	**Sponsor**	MoDOT	**Description**	Rte. 66 Scoping for roadway improvements
MoDOT No.	7S2185	**Federal No.**		**Location**	on Seventh Street from 0.5 mile west of Rte. P to 0.1 mile west of Bus. 71 in Joplin.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 8,000
Engineering	2020	Non-Federal	MoDOT	$ 2,000
Engineering	2021	Federal	STBG	$ 8,000
Engineering	2021	Non-Federal	MoDOT	$ 2,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $266,000

Federal Total:	$ 16,000	**Non-Federal Total:**	$ 4,000	**Project Total:**	$ 286,000

TIP No.	09HS-12	**Sponsor**	MoDOT	**Description**	Rte. TT Scoping for new sidewalks
MoDOT No.	7P2193B	**Federal No.**		**Location**	on Newman Road from Loop 49 (Range Line Road) to Duquesne Road and on Loop 49 (Range Line Road) from 0.1 mile north of Newman Road to North Park Lane. Project involves bridge L0832.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 1,600
Engineering	2020	Non-Federal	MoDOT	$ 400
Engineering	2021	Federal	STBG	$ 1,600
Engineering	2021	Non-Federal	MoDOT	$ 400
Engineering	2022	Federal	STBG	$ 1,600
Engineering	2022	Non-Federal	MoDOT	$ 400

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $42,000

Federal Total:	$ 4,800	**Non-Federal Total:**	$ 1,200	**Project Total:**	$ 48,000

TIP No.	11HS-12	**Sponsor**	MoDOT	**Description**	Rte. ZZ Scoping for pedestrian improvements and ADA Transition Plan accomodations
MoDOT No.	7S2183	**Federal No.**		**Location**	from Harley Street to Karen Drive in Carl Junction

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 1,600
Engineering	2020	Non-Federal	MoDOT	$ 400
Engineering	2021	Federal	STBG	$ 1,600
Engineering	2021	Non-Federal	MoDOT	$ 400

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $29,000

Federal Total:	$ 3,200	**Non-Federal Total:**	$ 800	**Project Total:**	$ 33,000

TIP No.	05HS-14	**Sponsor**	MoDOT	**Description**	Rte. 43 Scoping for roadway improvements
MoDOT No.	7S3045	**Federal No.**		**Location**	on Hearnes Boulevard from Rte. FF (32nd Street) to I-44.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 1,600
Engineering	2020	Non-Federal	MoDOT	$ 400
Engineering	2021	Federal	STBG	$ 1,600
Engineering	2021	Non-Federal	MoDOT	$ 400
Engineering	2022	Federal	STBG	$ 1,600
Engineering	2022	Non-Federal	MoDOT	$ 400
Engineering	2023	Federal	STBG	$ 1,600
Engineering	2023	Non-Federal	MoDOT	$ 400

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $12,000

Federal Total:	$ 6,400	**Non-Federal Total:**	$ 1,600	**Project Total:**	$ 20,000

TIP No.	01HS-18	**Sponsor**	MoDOT	**Description**	Rte. 171 Pavement Resurfacing
MoDOT No.	7P3262	**Federal No.**		**Location**	from the Kansas State line to 0.6 mile west of Rte. 43 in Airport Drive, and intersection improvements at Rte. 96 and Rte. YY and Kansas City Southern Railroad.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-NHS	$ 209,600
Engineering	2020	Non-Federal	MoDOT	$ 52,400
Right of Way	2020	Federal	NHPP-NHS	$ 40,000
Right of Way	2020	Non-Federal	MoDOT	$ 10,000
Engineering	2021	Federal	NHPP-NHS	$ 156,800
Engineering	2021	Non-Federal	MoDOT	$ 39,200
Construction	2021	Federal	NHPP-NHS	$ 3,011,200
Construction	2021	Non-Federal	MoDOT	$ 752,800

Notes: Non-Federal Funding Source: State Transportation Revenues. Previously Programmed Funds: $321,000

$76,000 STP Rail and $19,000 Grade Crossing Safety Account funds.

Federal Total: $ 3,417,600 **Non-Federal Total:** $ 854,400 **Project Total:** $ 4,593,000

TIP No.	02HS-18	**Sponsor**	MoDOT	**Description**	Rte. 171 Pavement Resurfacing
MoDOT No.	7P3263	**Federal No.**		**Location**	from 0.6 mile west of Fir Road in Airport Drive to east of Centennial Avenue in Webb City.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-NHS	$ 74,400
Engineering	2020	Non-Federal	MoDOT	$ 18,600
Engineering	2021	Federal	NHPP-NHS	$ 115,200
Engineering	2021	Non-Federal	MoDOT	$ 28,800
Construction	2021	Federal	NHPP-NHS	$ 1,196,800
Construction	2021	Non-Federal	MoDOT	$ 299,200

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $4,000

Federal Total: $ 1,386,400 **Non-Federal Total:** $ 346,600 **Project Total:** $ 1,737,000

TIP No.	03HS-18	**Sponsor**	MoDOT	**Description**	Rte. 171 Pavement Resurfacing
MoDOT No.	7P3268	**Federal No.**		**Location**	from east of Centennial Avenue in Webb City to I-49 in Carthage.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-NHS	$ 83,200
Engineering	2020	Non-Federal	MoDOT	$ 20,800
Engineering	2021	Federal	NHPP-NHS	$ 194,400
Engineering	2021	Non-Federal	MoDOT	$ 48,600
Construction	2021	Federal	NHPP-NHS	$ 2,078,400
Construction	2021	Non-Federal	MoDOT	$ 519,600

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $4,000

Federal Total: $ 2,356,000 **Non-Federal Total:** $ 589,000 **Project Total:** $ 2,949,000

TIP No.	04HS-18	**Sponsor**	MoDOT	**Description**	Rte. 171 ADA Transition Plan Improvements
MoDOT No.	7P3283	**Federal No.**		**Location**	at various locations from the Frisco Greenway Trail to Main Street in Webb City.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 52,800
Engineering	2020	Non-Federal	MoDOT	$ 13,200
Right of Way	2020	Federal	STBG	$ 1,600
Right of Way	2020	Non-Federal	MoDOT	$ 400
Engineering	2021	Federal	STBG	$ 80,000
Engineering	2021	Non-Federal	MoDOT	$ 20,000
Construction	2021	Federal	STBG	$ 387,200
Construction	2021	Non-Federal	MoDOT	$ 96,800

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $4,000

Federal Total: $ 521,600 **Non-Federal Total:** $ 130,400 **Project Total:** $ 656,000

TIP No.	06HS-18	**Sponsor**	MoDOT	**Description**	Rte. MM Pavement Resurfacing
MoDOT No.	7S3226	**Federal No.**		**Location**	from Rte. 96 to Rte. D in Oronogo.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 29,600
Engineering	2020	Non-Federal	MoDOT	$ 7,400
Construction	2020	Federal	STBG	$ 160,000
Construction	2020	Non-Federal	MoDOT	$ 40,000

Federal Total: $ 189,600 **Non-Federal Total:** $ 47,400 **Project Total:** $ 259,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $22,000

TIP No.	07HS-18	**Sponsor**	MoDOT	**Description**	Rte. MM ADA Transition Plan Improvements
MoDOT No.	7S3253	**Federal No.**		**Location**	at various locations from east of Grant Street to south of Rte. 96 in Oronogo.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 72,000
Engineering	2020	Non-Federal	MoDOT	$ 18,000
Right of Way	2020	Federal	STBG	$ 1,600
Right of Way	2020	Non-Federal	MoDOT	$ 400
Construction	2020	Federal	STBG	$ 389,600
Construction	2020	Non-Federal	MoDOT	$ 97,400

Federal Total: $ 463,200 **Non-Federal Total:** $ 115,800 **Project Total:** $ 646,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $67,000

TIP No.	13HS-18	**Sponsor**	MoDOT	**Description**	I-49 Scoping for roadway improvements
MoDOT No.	7P0797M	**Federal No.**		**Location**	from Rte. V near Carthage to Rte. FF (32nd Street) in Joplin.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-IM	$ 4,000
Engineering	2020	Non-Federal	MoDOT	$ 1,000
Engineering	2021	Federal	NHPP-IM	$ 4,000
Engineering	2021	Non-Federal	MoDOT	$ 1,000
Engineering	2022	Federal	NHPP-IM	$ 4,000
Engineering	2022	Non-Federal	MoDOT	$ 1,000
Engineering	2023	Federal	NHPP-IM	$ 4,000
Engineering	2023	Non-Federal	MoDOT	$ 1,000

Federal Total: $ 16,000 **Non-Federal Total:** $ 4,000 **Project Total:** $ 165,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $145,000

TIP No.	14HS-18	**Sponsor**	MoDOT	**Description**	Loop 49 Bridge rehabilitation and add sidewalk
MoDOT No.	7S3285	**Federal No.**		**Location**	on Range Line Road over Kansas City Southern Railroad. Project involves bridge L0833.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-BR	$ 392,000
Engineering	2020	Non-Federal	MoDOT	$ 98,000
Engineering	2021	Federal	NHPP-BR	$ 393,600
Engineering	2021	Non-Federal	MoDOT	$ 98,400
Right of Way	2021	Federal	NHPP-BR	$ 1,600
Right of Way	2021	Non-Federal	MoDOT	$ 400
Engineering	2022	Federal	NHPP-BR	$ 553,600
Engineering	2022	Non-Federal	MoDOT	$ 138,400
Construction	2022	Federal	NHPP-BR	$ 3,826,400
Construction	2022	Non-Federal	MoDOT	$ 956,600

Federal Total: $ 5,167,200 **Non-Federal Total:** $ 1,291,800 **Project Total:** $ 6,474,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $15,000

TIP No.	22HS-18	**Sponsor**	MoDOT	**Description**	I-44 Scoping for safety improvements
MoDOT No.	7I3286	**Federal No.**		**Location**	from the Oklahoma State line to Rte. 360, and from 2 miles east of Rte. 125 to Rtes. Y and J in Conway.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 45,000
Engineering	2020	Non-Federal	MoDOT	$ 5,000
Engineering	2021	Federal	STBG	$ 9,000
Engineering	2021	Non-Federal	MoDOT	$ 1,000
Federal Total:	$ 54,000	**Non-Federal Total:**	$ 6,000	**Project Total:**	$ 160,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

TIP No.	01HS-20	**Sponsor**	MoDOT	**Description**	I-44 Bridge Improvements
MoDOT No.	7I3420	**Federal No.**		**Location**	at various locations in Newton, Jasper, Lawrence, Greene and Webster counties. Potential Design-Build project.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-IM	$ 45,000
Engineering	2020	Non-Federal	MoDOT	$ 5,000
Engineering	2021	Federal	NHPP-IM	$ 423,000
Engineering	2021	Non-Federal	MoDOT	$ 47,000
Right of Way	2021	Federal	NHPP-IM	$ 69,300
Right of Way	2021	Non-Federal	MoDOT	$ 7,700
Engineering	2022	Federal	NHPP-IM	$ 2,250,000
Engineering	2022	Non-Federal	MoDOT	$ 250,000
Construction	2022	Federal	NHPP-IM	$ 40,251,600
Construction	2022	Non-Federal	MoDOT	$ 4,472,400
Federal Total:	$ 43,038,900	**Non-Federal Total:**	$ 4,782,100	**Project Total:**	$ 47,821,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

TIP No.	02HS-20	**Sponsor**	MoDOT	**Description**	I-44 Add safety signage for wrong way countermeasures
MoDOT No.	7I3343	**Federal No.**		**Location**	at various ramp locations.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	Safety	$ 105,300
Engineering	2020	Non-Federal	MoDOT	$ 11,700
Construction	2020	Federal	Safety	$ 501,300
Construction	2020	Non-Federal	MoDOT	$ 55,700
Federal Total:	$ 606,600	**Non-Federal Total:**	$ 67,400	**Project Total:**	$ 678,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $4,000

TIP No.	03HS-20	**Sponsor**	MoDOT	**Description**	Job Order Contracting for bridge repairs
MoDOT No.	7I3405	**Federal No.**		**Location**	at various locations in Barry, Barton, Cedar, Christian, Dade, Dallas, Greene, Jasper, Hickory, Lawrence, McDonald, Newton, Polk, Stone, Taney and Webster Counties in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT-AC	$ 104,000
Engineering	2020	Non-Federal	MoDOT	$ 26,000
Construction	2020	Non-Federal	MoDOT-AC	$ 480,000
Construction	2020	Non-Federal	MoDOT	$ 120,000
Federal Total:	$ -	**Non-Federal Total:**	$ 730,000	**Project Total:**	$ 730,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

$231,000 District Operations funds. Partially located in the JATSO area. Conversion to STBG.

TIP No.	04HS-20	**Sponsor**	MoDOT	**Description**	Rte. 249 Bridge deck sealing of multiple bridges
MoDOT No.	7P3105E	**Federal No.**		**Location**	at the Rte. 171 interchange. Project involves bridges A6140, A6149 and A6165.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-BR	$ 1,600
Engineering	2020	Non-Federal	MoDOT	$ 400
Engineering	2021	Federal	NHPP-BR	$ 16,000
Engineering	2021	Non-Federal	MoDOT	$ 4,000
Engineering	2022	Federal	NHPP-BR	$ 89,600
Engineering	2022	Non-Federal	MoDOT	$ 22,400
Construction	2022	Federal	NHPP-BR	$ 692,000
Construction	2022	Non-Federal	MoDOT	$ 173,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Federal Total: $ 799,200 **Non-Federal Total:** $ 199,800 **Project Total:** $ 999,000

TIP No.	05HS-20	**Sponsor**	MoDOT	**Description**	Rte. 249 Bridge rehabilitation
MoDOT No.	7P3107C	**Federal No.**		**Location**	on northbound bridge over I-44 and on Rte. FF over I-49 and I-44 in Joplin.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-BR	$ 38,400
Engineering	2020	Non-Federal	MoDOT	$ 9,600
Engineering	2021	Federal	NHPP-BR	$ 188,000
Engineering	2021	Non-Federal	MoDOT	$ 47,000
Construction	2021	Federal	NHPP-BR	$ 1,400,000
Construction	2021	Non-Federal	MoDOT	$ 350,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Federal Total: $ 1,626,400 **Non-Federal Total:** $ 406,600 **Project Total:** $ 2,033,000

TIP No.	06HS-20	**Sponsor**	MoDOT	**Description**	Rte. 249 Job Order Contracting to repair slides
MoDOT No.	7P3407	**Federal No.**		**Location**	from Rte. 171 in Carterville to Rte. VV (Zora Street) near Joplin.

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT	$ 68,000
Construction	2020	Non-Federal	MoDOT	$ 621,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Federal Total: $ - **Non-Federal Total:** $ 689,000 **Project Total:** $ 689,000

TIP No.	07HS-20	**Sponsor**	MoDOT	**Description**	I-49 Rebuild concrete pavement
MoDOT No.	7I3361	**Federal No.**		**Location**	from I-44 to 0.8 mile south of Rte. FF (32nd Street) in Joplin.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-IM	$ 58,500
Engineering	2020	Non-Federal	MoDOT	$ 6,500
Engineering	2021	Federal	NHPP-IM	$ 534,600
Engineering	2021	Non-Federal	MoDOT	$ 59,400
Construction	2021	Federal	NHPP-IM	$ 4,905,000
Construction	2021	Non-Federal	MoDOT	$ 545,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $50,000

Federal Total: $ 5,498,100 **Non-Federal Total:** $ 610,900 **Project Total:** $ 6,159,000

TIP No.	08HS-20	**Sponsor**	MoDOT	**Description**	I-49 Add safety signage for wrong-way countermeasures
MoDOT No.	7P3422	**Federal No.**		**Location**	at various locations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	Safety	$ 71,100
Engineering	2020	Non-Federal	MoDOT	$ 7,900
Construction	2020	Federal	Safety	$ 326,700
Construction	2020	Non-Federal	MoDOT	$ 36,300

Notes: Non-Federal Funding Source: State Transportation Revenues.

Federal Total: $ 397,800 **Non-Federal Total:** $ 44,200 **Project Total:** $ 442,000

TIP No.	09HS-20	**Sponsor**	MoDOT	**Description**	Rte. O Pavement Resurfacing and add shoulders
MoDOT No.	7S3189J	**Federal No.**		**Location**	at various locations from Rte. D in Alba to Rte. 96

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT-AC	$ 20,800
Engineering	2020	Non-Federal	MoDOT	$ 5,200
Engineering	2021	Non-Federal	MoDOT-AC	$ 27,200
Engineering	2021	Non-Federal	MoDOT	$ 6,800
Construction	2021	Non-Federal	MoDOT-AC	$ 331,200
Construction	2021	Non-Federal	MoDOT	$ 82,800

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously Programmed Funds: $2,000. Conversion to STBG.

Federal Total: $ - **Non-Federal Total:** $ 474,000 **Project Total:** $ 476,000

TIP No.	10HS-20	**Sponsor**	MoDOT	**Description**	ADA Transition Plan Improvements
MoDOT No.	7P3419	**Federal No.**		**Location**	at various locations in Jasper and Newton Counties.

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT-AC	$ 80,000
Engineering	2020	Non-Federal	MoDOT	$ 20,000
Engineering	2021	Non-Federal	MoDOT-AC	$ 110,400
Engineering	2021	Non-Federal	MoDOT	$ 27,600
Right of Way	2021	Non-Federal	MoDOT-AC	$ 16,800
Right of Way	2021	Non-Federal	MoDOT	$ 4,200
Engineering	2022	Non-Federal	MoDOT-AC	$ 185,600
Engineering	2022	Non-Federal	MoDOT	$ 46,400
Construction	2022	Non-Federal	MoDOT-AC	$ 1,315,200
Construction	2022	Non-Federal	MoDOT	$ 328,800

Notes: Non-Federal Funding Source: State Transportation Revenues.

$806,000 Statewide Transportation Alternatives funds. Conversion to STBG.

Federal Total: $ - **Non-Federal Total:** $ 2,135,000 **Project Total:** $ 2,135,000

TIP No.	11HS-20	**Sponsor**	MoDOT	**Description**	Rte. 166 Pavement Resurfacing
MoDOT No.	7P3401	**Federal No.**		**Location**	from the Kansas State line through roundabout to I-44.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-NHS	$ 1,600
Engineering	2020	Non-Federal	MoDOT	$ 400
Engineering	2021	Federal	NHPP-NHS	$ 13,600
Engineering	2021	Non-Federal	MoDOT	$ 3,400
Engineering	2022	Federal	NHPP-NHS	$ 19,200
Engineering	2022	Non-Federal	MoDOT	$ 4,800
Construction	2022	Federal	NHPP-NHS	$ 276,800
Construction	2022	Non-Federal	MoDOT	$ 69,200

Notes: Non-Federal Funding Source: State Transportation Revenues.

Federal Total: $ 311,200 **Non-Federal Total:** $ 77,800 **Project Total:** $ 389,000

TIP No.	12HS-20	**Sponsor**	MoDOT	**Description**	I-44 Job Order Contracting for pavement repair
MoDOT No.	0I3006N	**Federal No.**		**Location**	from the Oklahoma State line to Rte. 360 in Greene County.

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT-AC	$ 17,100
Engineering	2020	Non-Federal	MoDOT	$ 1,900
Construction	2020	Non-Federal	MoDOT-AC	$ 180,000
Construction	2020	Non-Federal	MoDOT	$ 20,000

Notes: Non-Federal Funding Source: State Transportation Revenues. Conversion to NHPP.

Federal Total: $ - **Non-Federal Total:** $ 219,000 **Project Total:** $ 219,000

TIP No.	13HS-20	**Sponsor**	MoDOT	**Description**	I-44 Job Order Contracting for pavement repair
MoDOT No.	0I3007N	**Federal No.**		**Location**	from the Oklahoma State line to Rte. 360 in Greene County.

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT-AC	$ 17,100
Engineering	2020	Non-Federal	MoDOT	$ 1,900
Construction	2020	Non-Federal	MoDOT-AC	$ 185,400
Construction	2020	Non-Federal	MoDOT	$ 20,600

Notes: Non-Federal Funding Source: State Transportation Revenues. Conversion to NHPP.

Federal Total: $ - **Non-Federal Total:** $ 225,000 **Project Total:** $ 225,000

TIP No.	14HS-20	**Sponsor**	MoDOT	**Description**	I-44 Pavement Improvement
MoDOT No.	7I3008	**Federal No.**		**Location**	from the Oklahoma State line to 0.4 mile east of Loop 49 (Range Line Road).

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-IM	$ 9,000
Engineering	2020	Non-Federal	MoDOT	$ 1,000
Engineering	2021	Federal	NHPP-IM	$ 72,900
Engineering	2021	Non-Federal	MoDOT	$ 8,100
Engineering	2022	Federal	NHPP-IM	$ 279,000
Engineering	2022	Non-Federal	MoDOT	$ 31,000
Construction	2022	Federal	NHPP-IM	$ 4,286,700
Construction	2022	Non-Federal	MoDOT	$ 476,300

Notes: Non-Federal Funding Source: State Transportation Revenues.

Federal Total: $ 4,647,600 **Non-Federal Total:** $ 516,400 **Project Total:** $ 5,164,000

TIP No.	15HS-20	**Sponsor**	MoDOT	**Description**	I-49 Pavement Repairs and Resurfacing
MoDOT No.	7I3361B	**Federal No.**		**Location**	on southbound lanes from Shoal Creek to Rte. 175 and from 0.5 mile to 1.7 miles south of Iris Road.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP-NHS	$ 7,200
Engineering	2020	Non-Federal	MoDOT	$ 800
Engineering	2021	Federal	NHPP-NHS	$ 47,700
Engineering	2021	Non-Federal	MoDOT	$ 5,300
Construction	2021	Federal	NHPP-NHS	$ 487,800
Construction	2021	Non-Federal	MoDOT	$ 54,200

Notes: Non-Federal Funding Source: State Transportation Revenues.

Federal Total: $ 542,700 **Non-Federal Total:** $ 60,300 **Project Total:** $ 603,000

TIP No.	16HS-20	**Sponsor**	MoDOT	**Description**	Job Order Contracting for guard cable and guardrail repair
MoDOT No.	7P3416	**Federal No.**		**Location**	in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT-AC	$ 196,800
Engineering	2020	Non-Federal	MoDOT	$ 49,200
Construction	2020	Non-Federal	MoDOT-AC	$ 1,795,200
Construction	2020	Non-Federal	MoDOT	$ 448,800

Notes: Non-Federal Funding Source: State Transportation Revenues. Partially located in the JATSO area. Conversion to STBG.

Federal Total: $ - **Non-Federal Total:** $ 2,490,000 **Project Total:** $ 2,490,000

TIP No.	17HS-20	**Sponsor**	MoDOT	**Description**	Pavement preservation treatment
MoDOT No.	7P3417	**Federal No.**		**Location**	at various locations in the rural Southwest District

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT-AC	$ 48,800
Engineering	2020	Non-Federal	MoDOT	$ 12,200
Engineering	2021	Non-Federal	MoDOT-AC	$ 188,800
Engineering	2021	Non-Federal	MoDOT	$ 47,200
Construction	2021	Non-Federal	MoDOT-AC	$ 2,719,200
Construction	2021	Non-Federal	MoDOT	$ 679,800

Notes: Non-Federal Funding Source: State Transportation Revenues.
Partially located in the JATSO area. Conversion to STBG.

Federal Total: $ - **Non-Federal Total:** $ 3,696,000 **Project Total:** $ 3,696,000

TIP No.	18HS-20	**Sponsor**	MoDOT	**Description**	Surveying to sell excess right of way
MoDOT No.	7P3028	**Federal No.**		**Location**	in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Non-Federal	MoDOT	$ 20,000
Engineering	2021	Non-Federal	MoDOT	$ 20,000
Engineering	2022	Non-Federal	MoDOT	$ 20,000
Engineering	2023	Non-Federal	MoDOT	$ 20,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $70,000

Federal Total: $ - **Non-Federal Total:** $ 80,000 **Project Total:** $ 150,000

TIP No.	19HS-20	**Sponsor**	MoDOT	**Description**	Scoping for ADA Transition Plan improvements
MoDOT No.	7P3101	**Federal No.**		**Location**	at various locations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 40,000
Engineering	2020	Non-Federal	MoDOT	$ 10,000
Engineering	2021	Federal	STBG	$ 40,000
Engineering	2021	Non-Federal	MoDOT	$ 10,000
Engineering	2022	Federal	STBG	$ 40,000
Engineering	2022	Non-Federal	MoDOT	$ 10,000
Engineering	2023	Federal	STBG	$ 40,000
Engineering	2023	Non-Federal	MoDOT	$ 10,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $112,000
Partially located in the JATSO area.

Federal Total: $ 160,000 **Non-Federal Total:** $ 40,000 **Project Total:** $ 312,000

TIP No.	20HS-20	**Sponsor**	MoDOT	**Description**	Scoping for pavement improvements on major routes
MoDOT No.	7P3104	**Federal No.**		**Location**	at various locations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 40,000
Engineering	2020	Non-Federal	MoDOT	$ 10,000
Engineering	2021	Federal	STBG	$ 40,000
Engineering	2021	Non-Federal	MoDOT	$ 10,000
Engineering	2022	Federal	STBG	$ 40,000
Engineering	2022	Non-Federal	MoDOT	$ 10,000
Engineering	2023	Federal	STBG	$ 40,000
Engineering	2023	Non-Federal	MoDOT	$ 10,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $178,000
Partially located in the JATSO area.

Federal Total: $ 160,000 **Non-Federal Total:** $ 40,000 **Project Total:** $ 378,000

TIP No.	21HS-20	**Sponsor**	MoDOT	**Description**	Scoping for bridge preventive maintenance
MoDOT No.	7P3105	**Federal No.**		**Location**	at various locations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 31,200
Engineering	2020	Non-Federal	MoDOT	$ 7,800
Engineering	2021	Federal	STBG	$ 30,400
Engineering	2021	Non-Federal	MoDOT	$ 7,600

Federal Total: $ 61,600 **Non-Federal Total:** $ 15,400 **Project Total:** $ 193,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $116,000

TIP No.	22HS-20	**Sponsor**	MoDOT	**Description**	Scoping for bridge improvements
MoDOT No.	7P3107	**Federal No.**		**Location**	at various lcoations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	NHPP	$ 288,800
Engineering	2020	Non-Federal	MoDOT	$ 72,200
Engineering	2021	Federal	NHPP	$ 288,000
Engineering	2021	Non-Federal	MoDOT	$ 72,000
Engineering	2022	Federal	NHPP	$ 240,000
Engineering	2022	Non-Federal	MoDOT	$ 60,000
Engineering	2023	Federal	NHPP	$ 240,000
Engineering	2023	Non-Federal	MoDOT	$ 60,000

Federal Total: $ 1,056,800 **Non-Federal Total:** $ 264,200 **Project Total:** $ 2,841,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $1,520,000

TIP No.	23HS-20	**Sponsor**	MoDOT	**Description**	Scoping for safety improvements
MoDOT No.	7P3108	**Federal No.**		**Location**	at various locations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	Safety	$ 45,000
Engineering	2020	Non-Federal	MoDOT	$ 5,000
Engineering	2021	Federal	Safety	$ 45,000
Engineering	2021	Non-Federal	MoDOT	$ 5,000
Engineering	2022	Federal	Safety	$ 45,000
Engineering	2022	Non-Federal	MoDOT	$ 5,000
Engineering	2023	Federal	Safety	$ 45,000
Engineering	2023	Non-Federal	MoDOT	$ 5,000

Federal Total: $ 180,000 **Non-Federal Total:** $ 20,000 **Project Total:** $ 788,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $588,000
Partially located in the JATSO area.

TIP No.	24HS-20	**Sponsor**	MoDOT	**Description**	Scoping for slide repairs
MoDOT No.	7P3372	**Federal No.**		**Location**	at various locations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 8,000
Engineering	2020	Non-Federal	MoDOT	$ 2,000
Engineering	2021	Federal	STBG	$ 8,000
Engineering	2021	Non-Federal	MoDOT	$ 2,000
Engineering	2022	Federal	STBG	$ 8,000
Engineering	2022	Non-Federal	MoDOT	$ 2,000
Engineering	2023	Federal	STBG	$ 8,000
Engineering	2023	Non-Federal	MoDOT	$ 2,000

Federal Total: $ 32,000 **Non-Federal Total:** $ 8,000 **Project Total:** $ 50,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $10,000
Partially located in the JATSO area.

TIP No.	25HS-20	**Sponsor**	MoDOT	**Description**	Scoping for pavement improvements on minor routes
MoDOT No.	7S3103	**Federal No.**		**Location**	at various locations in the rural Southwest District.

Phase	Year	Type	Source	Cost
Engineering	2020	Federal	STBG	$ 40,000
Engineering	2020	Non-Federal	MoDOT	$ 10,000
Engineering	2021	Federal	STBG	$ 40,000
Engineering	2021	Non-Federal	MoDOT	$ 10,000
Engineering	2022	Federal	STBG	$ 40,000
Engineering	2022	Non-Federal	MoDOT	$ 10,000
Engineering	2023	Federal	STBG	$ 40,000
Engineering	2023	Non-Federal	MoDOT	$ 10,000

Notes: Non-Federal Funding Source: State Transportation Revenues.

Previously programmed funds: $114,000
Partially located in the JATSO area.

Federal Total:	$ 160,000	**Non-Federal Total:**	$ 40,000	**Project Total:**	$ 314,000

TIP No.	01HS-21	**Sponsor**	MoDOT	**Description**	Permanently close a public railroad crossing
MoDOT No.		**Federal No.**		**Location**	Crossing 669556T on Missouri and North Arkansas Railroad

Phase	Year	Type	Source	Cost
Payment	2021	Non-Federal	MoDOT	$ 100,000

Notes: Source of non-Federal funds: State Grade Crossing Safety Account.

Federal Total:	$ -	**Non-Federal Total:**	$ 100,000	**Project Total:**	$ 100,000

Transit

Local Funding

Local non-federal matching funds for transit operations and capital expenses come from the City of Joplin's Transportation Sales Tax. The tax is dedicated to funding transit and improvements to the transportation system. The ½ cent sales tax generates approximately $6.9 million annually, of which approximately $450,000 is allocated to transit. The transportation sales tax is a permanent tax and does not have an expiration date.

State Funding

The Metro Area Public Transit System (MAPS) receives approximately $5,600 from MoDOT annually for transit operations.

Federal Funding

FTA Section 5307

Assistance aids local government by reimbursing 80 percent of the cost for eligible capital and planning expenditures, and 50 percent for operating expenditures.

FTA Section 5310

Assistance is a program that provides aid for the elderly and individuals with disabilities. Capital assistance to organizations providing specialized services for the elderly and disabled are eligible for an 80 percent reimbursement for the cost of vehicles.

FTA Section 5339

The Grants for Buses and Bus Facilities program makes Federal resources available to States and designated recipients to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities including technological changes or innovations to modify low or no emission vehicles or facilities.

Table 1: Anticipated Revenue From FTA

Source	5307	5310	5339
Carryover Balance FY 2016-FY 2019	$4,269,824	$0	$551,467
Anticipated Allocation FY 2020	$1,098,649	$20,600	$350,850
Anticipated Allocation FY 2021	$1,098,649	$21,218	$350,850
Anticipated Allocation FY 2022	$1,098,649	$21,855	$350,850
Anticipated Allocation FY 2023	$1,098,649	$21,855	$350,850
Total Anticipated Revenue	$8,664,420	$85,528	$1,954,867
Programmed through FY 2023	$5,561,576	$0	$1,001,050
Estimated Carryover Balance through FY 2023	$3,102,844	$85,528	$953,817

Project Selection Process

The Joplin MPO receives and reviews requests for FTA Section 5310 Assistance (Transit Capital Program for Agencies Serving Seniors and Persons with Disabilities) from applicants within the Joplin metropolitan area. In cooperation with MoDOT, the Joplin MPO makes recommendations on which applicant(s) should receive Section 5310 assistance. The recommendation is based on the JATSO Policy Board's ranking of applications based on proposed service area, cost of vehicle, and number of people served. Generally, there is only enough funding for one vehicle within the MPO, but JATSO includes all applicants within the TIP in case of the availability of additional funding. Joplin is designated as a small-urbanized entitlement community and therefore is guaranteed funds every year through FTA Section 5307 Assistance. A competitive selection process is utilized for other municipalities and jurisdictions within the Joplin MPO.

Current Projects

TIP No.	01T-20	**Sponsor**	Joplin	**Description**	Design/site selection for a centrally located transit transfer station.
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	N/A

Phase	Year	Type	Source	Cost	Notes:
Design	2020	Federal	Section 5339	$ 300,000	
Design	2020	Non-Federal	Local	$ 75,000	

Federal Total: $ 300,000 **Non-Federal Total:** $ 75,000 **Project Total:** $ 375,000

TIP No.	02T-20	**Sponsor**	Joplin	**Description**	Transit Vehicle Replacement
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin

Phase	Year	Type	Source	Cost	Notes:
Capital	2020	Federal	Section 5339	$ 132,800	**Notes:** This project is to replace (2) 28' cut-a-way vehicles used to provide MAPS service at a cost of $80,000 each and to replace (1) 22' cut-a-way vehicle used to provide Sunshine Lamp Trolley service at a cost of $70,000.
Capital	2020	Non-Federal	Local	$ 27,200	
Capital	2020	Federal	Section 5339	$ 58,100	
Capital	2020	Non-Federal	Local	$ 11,900	

Federal Total: $ 190,900 **Non-Federal Total:** $ 39,100 **Project Total:** $ 230,000

TIP No.	03T-20	**Sponsor**	Joplin	**Description**	MAPS operating assistance
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	MAPS service area

Phase	Year	Type	Source	Cost	Notes:
Operations	2020	Federal	Section 5307	$ 621,207	**Notes:** Operating assistance for demand response and deviated fixed route service. Local share doesn't include farebox revenue, depriciation, or amortization.
Operations	2020	Non-Federal	Local	$ 621,207	

Federal Total: $ 621,207 **Non-Federal Total:** $ 621,207 **Project Total:** $ 1,242,414

TIP No.	04T-20	**Sponsor**	Joplin	**Description**	Preventative maintenance		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	MAPS service area		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:** Subsidy of preventive maintenance expenses for existing public transit service.	
Operations	2020	Federal	Section 5307	$ 64,000			
Operations	2020	Non-Federal	Local	$ 16,000			
Federal Total:	$ 64,000	**Non-Federal Total:**	$ 16,000	**Project Total:**	$ 80,000		

TIP No.	01T-21	**Sponsor**	Joplin	**Description**	Transit Vehicle Replacement		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:** This project is to replace (3) 22' cut-a-way vehicles used to provide MAPS service at a	
Capital	2021	Federal	Section 5339	$ 161,850			
Capital	2021	Non-Federal	Local	$ 33,150			
Federal Total:	$ 161,850	**Non-Federal Total:**	$ 33,150	**Project Total:**	$ 195,000		

TIP No.	02T-21	**Sponsor**	Joplin	**Description**	MAPS operating assistance		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	MAPS service area		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:** Operating assistance for demand response and deviated fixed route service. Local share doesn't include farebox revenue, depriciation, or amortization.	
Operations	2021	Federal	Section 5307	$ 639,300			
Operations	2021	Non-Federal	Local	$ 639,300			
Federal Total:	$ 639,300	**Non-Federal Total:**	$ 639,300	**Project Total:**	$ 1,278,601		

TIP No.	03T-21	**Sponsor**	Joplin	**Description**	Preventative maintenance		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	MAPS service area		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:** Subsidy of preventive maintenance expenses for existing public transit service.	
Operations	2021	Federal	Section 5307	$ 65,920			
Operations	2021	Non-Federal	Local	$ 16,480			
Federal Total:	$ 65,920	**Non-Federal Total:**	$ 16,480	**Project Total:**	$ 82,400		

TIP No.	01T-22	**Sponsor**	Joplin	**Description**	Transit Vehicle Replacement		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	Joplin		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:** This project is to replace (2) 22' cut-a-way vehicles used to provide MAPS service at a cost of $65,000 each and to replace (1) 28' cut-a-way vehicle used to provide Sunshine Lamp Trolley service at a cost of $80,000.	
Capital	2022	Federal	Section 5339	$ 107,900			
Capital	2022	Non-Federal	Local	$ 22,100			
Capital	2022	Federal	Section 5339	$ 66,400			
Capital	2022	Non-Federal	Local	$ 13,600			
Federal Total:	$ 174,300	**Non-Federal Total:**	$ 35,700	**Project Total:**	$ 210,000		

TIP No.	02T-22	**Sponsor**	Joplin	**Description**	MAPS operating assistance		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	MAPS service area		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:** Operating assistance for demand response and deviated fixed route service. Local share doesn't include farebox revenue, depriciation, or amortization.	
Operations	2022	Federal	Section 5307	$ 657,394			
Operations	2022	Non-Federal	Local	$ 657,394			
Federal Total:	$ 657,394	**Non-Federal Total:**	$ 657,394	**Project Total:**	$ 1,314,787		

TIP No.	03T-22	**Sponsor**	Joplin	**Description**	Preventative maintenance		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	MAPS service area		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:** Subsidy of preventive maintenance expenses for existing public transit service.	
Operations	2022	Federal	Section 5307	$ 67,840			
Operations	2022	Non-Federal	Local	$ 16,960			
Federal Total:	$ 67,840	**Non-Federal Total:**	$ 16,960	**Project Total:**	$ 84,800		

TIP No.	04T-22	**Sponsor**	Joplin	**Description**	Construction of centrally located transit transfer station.		
MoDOT No.	N/A	**Federal No.**	N/A	**Location**	N/A		
Phase	**Year**	**Type**	**Source**	**Cost**		**Notes:**	
Construction	2022	Federal	Section 5307	$ 2,700,000			
Construction	2022	Non-Federal	Local	$ 675,000			
Federal Total:	$ 2,700,000	**Non-Federal Total:**	$ 675,000	**Project Total:**	$ 3,375,000		

Transportation Alternatives Program

Local Funding

A minimum 20 percent match is required to construct transportation enhancement projects. Local funding is also utilized to maintain transportation enhancements once built.

Federal Funding

Under MAP-21, the Transportation Alternatives Program (TAP) replaces the former Transportation Enhancement Program (TEP) and combines Transportation Enhancements, Recreational Trails, and Safe Routes to School into a single funding source. The JATSO is not guaranteed TAP funds because it is not an urbanized area with a population over 200,000. Instead, MoDOT administers the funds to projects within each District through a competitive process. The table below illustrates the projected TAP revenues for the TIP year.

Table 2: Projected Tap Revenues

Projected TAP Revenues				
	2020	2021	2022	2023
MoDOT SW District	$ 1,968,519	$ 300,000	$ 300,000	$ 300,000
Allocated to JATSO	$ 262,052	$ 250,000	$ 250,000	$ 250,000

The following are eligible projects under the TAP:

- Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation.
- Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.
- Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users.
- Construction of turnouts, overlooks, and viewing areas.
- Community improvement activities, including:
- Inventory, control, or removal of outdoor advertising;
- Historic preservation and rehabilitation of historic transportation facilities;
- Vegetation management practices in transportation right-of-way to improve roadway safety, prevent against invasive species, and provide erosion control; and
- Archaeological activities relating to impacts from implementation of a transportation project eligible under 23 USC.
- Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to address storm water management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff; or
- Reduce vehicle-caused wildfire mortality or to restore and maintain connectivity among terrestrial or aquatic habitats.
- The recreational trails program under 23 USC 206.

- The safe routes to school program under §1404 of SAFETEA-LU.
- Planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

Project Selection Process

The TAP funds are administered by MoDOT. For the Southwest District, a selection committee is formed that includes members from JATSO as well as the three RPCs in the District that select the top projects for funding.

Current Projects

TIP No.	02PED-16	**Sponsor**	Joplin	**Description**	MSSU trail
MoDOT No.		**Federal No.**		**Location**	Between MSSU and Northpark Mall along Turkey Creek

Phase	Year	Type	Source	Cost
Construction	2020	Federal	STBG	$ 272,732
Construction	2020	Non-Federal	MoDOT	$ 72,932

Notes: Trail with pedestrian bridge between Missouri Southern State University and Northpark Mall; pedestrian bridge over Turkey Creek. This project was previously awarded a TAP grant but funds were unable to be spent.

Federal Total: $ 272,732 **Non-Federal Total:** $ 72,932 **Project Total:** $ 345,664

TIP No.	01PED-17	**Sponsor**	Webb City	**Description**	D Highway Sidewalk
MoDOT No.		**Federal No.**		**Location**	Robin Ridge to Stadium Drive on D Highway

Phase	Year	Type	Source	Cost
Construction	2020	Federal	STBG	$ 160,000
Construction	2020	Federal	Local	$ 40,000

Notes: New sidewalk from Robin Ridge to Stadium Drive along D Highway.

Federal Total: $ 160,000 **Non-Federal Total:** $ 40,000 **Project Total:** $ 200,000

TIP No.	10PED-17	**Sponsor**	Joplin	**Description**	Mohaska Trail
MoDOT No.		**Federal No.**		**Location**	West of Main Street, North of 32nd Street, South of 26th Street, East of Maiden Lane

Phase	Year	Type	Source	Cost
Construction	2020	Federal	CDBG-DR	$ 889,205
Construction	2020	Federal	TAP	$ 202,858
Construction	2020	Non-Federal	Local	$ 247,937

Notes: Approximately 2 miles of 10 ft shared use trail that will connect Cunningham and Mercy Parks to Main Street and Freeman Hospital. Local funding source: City of Joplin Parks and Stormwater Sales Tax.

Federal Total: $ 1,092,063 **Non-Federal Total:** $ 247,937 **Project Total:** $ 1,340,000

TIP No.	02PED-19	**Sponsor**	Webb City	**Description**	Webb City Sidewalk and Trail Master Plan Phase II
MoDOT No.	N/A	**Federal No.**	TAP-3221(703)	**Location**	**on Stadium Dr. from Golf Rd. to Madison St., and on Madison St. from Stadium Dr. to Crow St.**

Phase	Year	Type	Source	Cost
Engineering	2019	Federal	TAP	$ 25,575
Engineering	2019	Non-Federal	Local	$ 8,525
Engineering	2020	Federal	TAP	$ 30,075
Engineering	2020	Non-Federal	Local	$ 10,025
Construction	2020	Federal	TAP	$ 206,402
Construction	2020	Non-Federal	Local	$ 68,801

Notes: Source of non-Federal funds: City of Webb City transportation sales tax funds

Federal Total: $ 262,052 **Non-Federal Total:** $ 87,351 **Project Total:** **$ 349,403**

Financial Summary

Anticipated Federal and Local Revenue

The table below has the anticipated revenues from various sources in the MPO area that fund transportation projects. The table below identifies local revenue sources and anticipated annual revenue amounts available for funding local public agencies required operation and maintenance activities and locally sponsored transportation projects located within the Joplin metropolitan planning area. Revenues may increase through 2023, but JATSO has assumed a conservative estimate keeping revenues frozen during this time.

Table 3: Anticipated Local Revenues by Source

	Local Revenues			
Revenue Sources	2020	2021	2022	2023
Joplin 1/2-cent Transp. Sales Tax	$ 6,900,000	$ 6,900,000	$ 6,900,000	$ 6,900,000
Joplin 3/8-cent CIP Sales Tax	$ 5,189,000	$ 5,189,000	$ 5,189,000	$ 5,189,000
Carl Junction 1/2-cent CIP Sales Tax	$ 156,000	$ 156,000	$ 156,000	$ 156,000
Carl Junction 1/2-cent Transp. Sales Tax	$ 156,000	$ 156,000	$ 156,000	$ 156,000
Webb City 3/8-cent CIP Sales Tax	$ 620,000	$ 620,000	$ 620,000	$ 620,000
Webb City 1/2-cent Transp. Sales Tax	$ 800,000	$ 800,000	$ 800,000	$ 800,000

Counties and cities in the MPO area also receive revenue from motor fuel taxes, vehicle sales taxes, and vehicle fees. Approximately $23 million in revenue is projected to be generated through these taxes and fees between 2020 and 2023. This revenue helps pay for projects and maintenance of the existing system. See Table 4.

Table 4: State Revenues Distributed to Local Jurisdictions

City	2020	2021	2022	2023	Total
Joplin	$ 2,049,174	$ 2,090,157	$ 2,131,960	$ 2,174,599	$ 8,445,890
Webb City	$ 443,793	$ 452,669	$ 461,722	$ 470,957	$ 1,829,141
Carl Junction	$ 300,477	$ 306,486	$ 312,616	$ 318,868	$ 1,238,446
Jasper County	$ 1,479,067	$ 1,508,648	$ 1,538,821	$ 1,569,598	$ 6,096,134
Newton County	$ 1,330,568	$ 1,357,179	$ 1,384,323	$ 1,412,009	$ 5,484,080
Total	$ 5,603,078	$ 5,715,140	$ 5,829,442	$ 5,946,031	$ 23,093,691
Source: FY 2018 Highway User Revenue Local Government Distribution. A 2% inflation rate was used.					

Additional revenue sources include BRO funds. The BRO funds are allocated to counties, but some projects may be located within the MPO boundaries. Both Jasper and Newton County receive approximately $210,000 annually from MoDOT in BRO funds. See Table 5.

Table 5: BRO Funding Table

County	2020	2021	2022	2023
BRO - Jasper	$ 212,378	$ 212,378	$ 212,378	$ 228,763
BRO - Newton	$ 210,550	$ 210,550	$ 210,550	$ 210,550
Notes: Funding estimate uses FY 2019 allocation. No inflation rate was used to maintain a conservative funding estimate.				

Expenditures

The current anticipated and programmed amount of expenditures for the 2020-2023 TIP is approximately $118 million. Expenditures in 2020-2023 are expected to increase as additional projects are added to the TIP for those years. See Table 6.

Table 6: Total Financial Expenditures by Mode

Total Expenditures by Mode				
Mode	2020	2021	2022	2023
Air	$ 7,375,000	$ 7,375,000	$ 1,935,700	$ 940,250
Transit	$ 1,927,414	$ 1,556,000	$ 4,984,588	$ -
Highway	$ 8,004,400	$ 23,809,000	$ 59,734,000	$ 537,000
Non-Motorized	$ 2,200,967	$ -	$ -	$ -
Total	$ 19,507,781	$ 32,740,000	$ 66,654,288	$ 1,477,250

Advanced Construction

MoDOT uses advanced construction, a federal funding tool, to maximize the receipt of federal funds. Advance construction (designated with AC in TIP tables) allows states to initiate a project using non-federal funds while preserving eligibility for future federal-aid. Projects are funded by MoDOT. When the federal funding becomes available for the project, MoDOT is reimbursed for the federal share of the project that they have invested. MoDOT has been using advanced construction since 1992 and will continue to do so through 2023.

Maintenance Operations

State Operation and Maintenance Costs

Maintenance costs include MoDOT's salaries, materials and equipment needed to deliver the roadway and bridge maintenance programs. This category includes basic maintenance activities like minor surface treatments such as: sealing, small concrete repairs and pothole patching; mowing right of way; snow removal; replacing signs; striping; repairing guardrail; and repairing traffic signals. Performing these activities requires employees; vehicles and other machinery; and materials such as salt, asphalt and fuel. Maintenance operations expenditures are expected to increase 1.5% annually. Calculations are $398,294,000 / 77,541 lane miles. This makes MoDOT's cost, $5,137 per lane mile.

Assumptions

Maintenance Operations	$503,302,000 *
Fleet Investments	$ 26,452,000 *

Total	$529,754,000
Minus Maintenance Fringe Benefits	$131,460,000 *
Total	$398,294,000

Lane miles 77,541 **

*Source: FY 2020 Budget approved 6/5/2019

** Source: Official 2018 State System Mileage

Local Operation and Maintenance Costs

The City of Joplin funds their maintenance costs through a ½ cent Transportation Sales Tax that generates approximately $6.9 million annually. Most of the funds generated through the sales tax is utilized for transportation improvements, including: street maintenance, street cleaning, traffic control, and traffic signal maintenance. The operations and maintenance cost per mile were re-calculated using the estimate for FY 2020 and applying a 3% inflation rate.

In FY 2020, the City of Joplin's estimated cost of operation and maintenance of their locally owned federal-aid system roadways is approximately $950,962 with a cost per lane mile of $5,945.

The City of Webb City funds maintenance costs through a ½ cent Transportation Sales Tax, which is utilized to provide street maintenance, traffic control, street cleaning, and traffic signal maintenance. In FY 2020, the City of Webb City's estimate cost of operation and maintenance of their locally owned federal-aid system roadways is approximately $173,297.

The City of Carl Junction funds maintenance costs through a ½ cent Transportation Sales Tax. In FY 2020, the City of Carl Junction's estimate cost of operation and maintenance of their locally owned federal-aid system roadways is approximately $22,532.

The City of Oronogo funds the maintenance of their roads through a ½ cent Transportation Sales Tax, which pays for street maintenance, street cleaning, patching, and resurfacing. In FY2018, the City of Oronogo's estimate cost of operation and maintenance of their locally owned federal-aid system roadways is approximately $7,907. See Table 7.

Table 7: Maintenance and Operations Financial Summary

Maintenance and Operations Financial Summary							
	Fed Aid Lane Miles	Cost Per Mile	2020	2021	2022	2023	Total
MoDOT	440.44	5,137	2,262,540	2,330,416	2,400,329	2,472,339	9,465,625
Joplin	159.96	5,945	950,962	979,491	1,008,876	1,039,142	3,978,471
Webb City	29.15	5,945	173,297	178,496	183,851	189,366	725,009
Carl Junction	3.79	5,945	22,532	23,207	23,904	24,621	94,264
Oronogo	1.33	5,945	7,907	8,144	8,388	8,640	33,079
An inflation rate of 3% was used.			3,417,238	3,519,755	3,625,347	3,734,108	14,296,448

Project Summary Tables

The following tables have a breakdown of funding by federal source categories for Aviation, Transit, Highway, and Rail Crossing projects.

Aviation Projects

Table 8: 2020 Aviation Project Summary

TIP #	Federal - AIP	MoDOT	Local	Total
01AIR-20	$ 7,006,250	$ -	$ 368,750	$ 7,375,000
Totals	$ 7,006,250	$ -	$ 368,750	$ 7,375,000

Table 9: 2021 Aviation Project Summary

TIP #	Federal - AIP	MoDOT	Local	Total
01AIR-21	$ 6,816,250	$ -	$ 358,750	$ 7,175,000
02AIR-21	$ 190,000	$ -	$ 10,000	$ 200,000
Totals	$ 7,006,250	$ -	$ 368,750	$ 7,375,000

Table 10: 2020 Aviation Project Summary

TIP #	Federal - AIP	MoDOT	Local	Total
01AIR-22	$ 1,900,000	$ -	$ 35,700	$ 1,935,700
Totals	$ 1,900,000	$ -	$ 35,700	$ 1,935,700

Table 11: 2020 Aviation Project Summary

TIP #	Federal - AIP	MoDOT	Local	Total
01AIR-23	$ 546,250	$ -	$ 28,750	$ 575,000
02AIR-23	$ 142,500	$ -	$ 7,500	$ 150,000
03AIR-23	$ 204,500	$ -	$ 10,750	$ 215,250
Totals	$ 893,250	$ -	$ 47,000	$ 940,250

Highway Projects

Table 12: 2020 Highway Project Summary

TIP #	STBG	Safety	NHPP-BR	NHPP-IM	NHPP-NHS	Earmark	MoDOT	MoDOT-AC	Local	Total
06HS-12	$ 8,000	$ -	$ -	$ -	$ -	$ -	$ 2,000	$ -	$ -	$ 10,000
09HS-12	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
11HS-12	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
05HS-14	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
01HS-18	$ -	$ -	$ -	$ -	$ 249,600	$ -	$ 62,400	$ -	$ -	$ 312,000
02HS-18	$ -	$ -	$ -	$ -	$ 74,400	$ -	$ 18,600	$ -	$ -	$ 93,000
03HS-18	$ -	$ -	$ -	$ -	$ 83,200	$ -	$ 20,800	$ -	$ -	$ 104,000
14HS-18	$ -	$ -	$ 392,000	$ -	$ -	$ -	$ 98,000	$ -	$ -	$ 490,000
04HS-18	$ 54,400	$ -	$ -	$ -	$ -	$ -	$ 13,600	$ -	$ -	$ 68,000
06HS-18	$ 189,600	$ -	$ -	$ -	$ -	$ -	$ 47,400	$ -	$ -	$ 237,000
07HS-18	$ 463,200	$ -	$ -	$ -	$ -	$ -	$ 115,800	$ -	$ -	$ 579,000
13HS-18	$ -	$ -	$ -	$ 4,000	$ -	$ -	$ 1,000	$ -	$ -	$ 5,000
22HS-18	$ 45,000	$ -	$ -	$ -	$ -	$ -	$ 5,000	$ -	$ -	$ 50,000
01HS-20	$ -	$ -	$ -	$ 45,000	$ -	$ -	$ 5,000	$ -	$ -	$ 50,000
02HS-20	$ -	$ 606,600	$ -	$ -	$ -	$ -	$ 67,400	$ -	$ -	$ 674,000
03HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 146,000	$ 584,000	$ -	$ 730,000
04HS-20	$ -	$ -	$ 1,600	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
05HS-20	$ -	$ -	$ 38,400	$ -	$ -	$ -	$ 9,600	$ -	$ -	$ 48,000
06HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 689,000	$ -	$ -	$ 689,000
07HS-20	$ -	$ -	$ -	$ 58,500	$ -	$ -	$ 6,500	$ -	$ -	$ 65,000
08HS-20	$ -	$ 397,800	$ -	$ -	$ -	$ -	$ 44,200	$ -	$ -	$ 442,000
09HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,200	$ 20,800	$ -	$ 26,000
10HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000	$ 80,000	$ -	$ 100,000
11HS-20	$ -	$ -	$ -	$ -	$ 1,600	$ -	$ 400	$ -	$ -	$ 2,000
12HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 22,500	$ 37,700	$ -	$ 60,200
13HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 45,000	$ 56,400	$ -	$ 101,400
14HS-20	$ -	$ -	$ -	$ 9,000	$ -	$ -	$ 1,000	$ -	$ -	$ 10,000
15HS-20	$ -	$ -	$ -	$ -	$ 7,200	$ -	$ 800	$ -	$ -	$ 8,000
16HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 498,000	$ 1,992,000	$ -	$ 2,490,000
17HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 12,200	$ 48,800	$ -	$ 61,000
18HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000	$ -	$ -	$ 20,000
19HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
20HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
21HS-20	$ 31,200	$ -	$ -	$ -	$ -	$ -	$ 7,800	$ -	$ -	$ 39,000
22HS-20	$ -	$ -	$ -	$ -	$ 288,800	$ -	$ 72,200	$ -	$ -	$ 361,000
23HS-20	$ 45,000	$ -	$ -	$ -	$ -	$ -	$ 5,000	$ -	$ -	$ 50,000
24HS-20	$ 8,000	$ -	$ -	$ -	$ -	$ -	$ 2,000	$ -	$ -	$ 10,000
25HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
Totals	$ 969,200	$ 1,004,400	$ 432,000	$ 116,500	$ 704,800	$ -	$ 2,096,000	$ 2,819,700	$ -	$ 8,142,600

Table 13: 2021 Highway Project Summary

TIP #	STBG	Safety	NHPP-BR	NHPP-IM	NHPP-NHS	Earmark	MoDOT	MoDOT-AC	Local	Total
06HS-12	$ 8,000	$ -	$ -	$ -	$ -	$ -	$ 2,000	$ -	$ -	$ 10,000
09HS-12	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
11HS-12	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
05HS-14	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
01HS-18	$ -	$ -	$ -	$ -	$ 3,168,000	$ -	$ 792,000	$ -	$ -	$ 3,960,000
02HS-18	$ -	$ -	$ -	$ -	$ 1,312,000	$ -	$ 328,000	$ -	$ -	$ 1,640,000
03HS-18	$ -	$ -	$ -	$ -	$ 2,272,800	$ -	$ 568,200	$ -	$ -	$ 2,841,000
04HS-18	$ 467,200	$ -	$ -	$ -	$ -	$ -	$ 116,800	$ -	$ -	$ 584,000
13HS-18	$ -	$ -	$ -	$ -	$ 4,000	$ -	$ 1,000	$ -	$ -	$ 5,000
14HS-18	$ -	$ -	$ 395,200	$ -	$ -	$ -	$ 98,800	$ -	$ -	$ 494,000
22HS-18	$ 9,000	$ -	$ -	$ -	$ -	$ -	$ 1,000	$ -	$ -	$ 10,000
01HS-20	$ -	$ -	$ -	$ 492,300	$ -	$ -	$ 52,000	$ -	$ -	$ 544,300
04HS-20	$ -	$ -	$ 16,000	$ -	$ -	$ -	$ 4,000	$ -	$ -	$ 20,000
05HS-20	$ -	$ -	$ 1,588,000	$ -	$ -	$ -	$ 397,000	$ -	$ -	$ 1,985,000
07HS-20	$ -	$ -	$ -	$ 5,439,600	$ -	$ -	$ 604,400	$ -	$ -	$ 6,044,000
09HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 89,600	$ 358,400	$ -	$ 448,000
10HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,800	$ 127,200	$ -	$ 159,000
11HS-20	$ -	$ -	$ -	$ -	$ 13,600	$ -	$ 3,400	$ -	$ -	$ 17,000
14HS-20	$ -	$ -	$ -	$ 72,900	$ -	$ -	$ 8,100	$ -	$ -	$ 81,000
15HS-20	$ -	$ -	$ -	$ -	$ 535,500	$ -	$ 59,500	$ -	$ -	$ 595,000
17HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 727,000	$ 2,908,000	$ -	$ 3,635,000
18HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000	$ -	$ -	$ 20,000
19HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
20HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
21HS-20	$ 30,400	$ -	$ -	$ -	$ -	$ -	$ 7,600	$ -	$ -	$ 38,000
22HS-20	$ -	$ -	$ -	$ -	$ 288,000	$ -	$ 72,000	$ -	$ -	$ 360,000
23HS-20	$ -	$ 45,000	$ -	$ -	$ -	$ -	$ 5,000	$ -	$ -	$ 50,000
24HS-20	$ 8,000	$ -	$ -	$ -	$ -	$ -	$ 2,000	$ -	$ -	$ 10,000
25HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
01HS-21	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ 100,000
Totals	$ 647,400	$ 45,000	$ 1,999,200	$ 6,004,800	$ 7,593,900	$ -	$ 4,122,400	$ 3,393,600	$ -	$ 23,806,300

Table 14: 2022 Highway Project Summary

TIP #	STBG	Safety	NHPP-BR	NHPP-IM	NHPP-NHS	Earmark	MoDOT	MoDOT-AC	Local	Total
09HS-12	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
05HS-14	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
13HS-18	$ -	$ -	$ -	$ 4,000	$ -	$ -	$ 1,000	$ -	$ -	$ 5,000
14HS-18	$ -	$ -	$ 4,380,000	$ -	$ -	$ -	$ 1,095,000	$ -	$ -	$ 5,475,000
01HS-20	$ -	$ -	$ -	$ 42,501,600	$ -	$ -	$ 4,722,400	$ -	$ -	$ 47,224,000
04HS-20	$ -	$ -	$ 781,600	$ -	$ -	$ -	$ 195,400	$ -	$ -	$ 977,000
10HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 375,200	$ 1,500,800	$ -	$ 1,876,000
11HS-20	$ -	$ -	$ -	$ -	$ 296,000	$ -	$ 74,000	$ -	$ -	$ 370,000
14HS-20	$ -	$ -	$ -	$ 4,565,700	$ -	$ -	$ 507,300	$ -	$ -	$ 5,073,000
18HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000	$ -	$ -	$ 20,000
19HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
20HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
22HS-20	$ -	$ -	$ -	$ -	$ 240,000	$ -	$ 60,000	$ -	$ -	$ 300,000
23HS-20	$ 45,000	$ -	$ -	$ -	$ -	$ -	$ 5,000	$ -	$ -	$ 50,000
24HS-20	$ 8,000	$ -	$ -	$ -	$ -	$ -	$ 2,000	$ -	$ -	$ 10,000
25HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
Totals	$ 176,200	$ -	$ 5,161,600	$ 47,071,300	$ 536,000	$ -	$ 7,088,100	$ 1,500,800	$ -	$ 61,534,000

Table 15: 2023 Highway Project Summary

TIP #	STBG	Safety	NHPP-BR	NHPP-IM	NHPP-NHS	Earmark	MoDOT	MoDOT-AC	Local	Total
05HS-14	$ 1,600	$ -	$ -	$ -	$ -	$ -	$ 400	$ -	$ -	$ 2,000
13HS-18	$ -	$ -	$ -	$ 4,000	$ -	$ -	$ 1,000	$ -	$ -	$ 5,000
18HS-20	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000	$ -	$ -	$ 20,000
19HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
20HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
22HS-20	$ -	$ -	$ -	$ -	$ 240,000	$ -	$ 60,000	$ -	$ -	$ 300,000
23HS-20	$ -	$ 45,000	$ -	$ -	$ -	$ -	$ 5,000	$ -	$ -	$ 50,000
24HS-20	$ 8,000	$ -	$ -	$ -	$ -	$ -	$ 2,000	$ -	$ -	$ 10,000
25HS-20	$ 40,000	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ -	$ -	$ 50,000
Totals	$ 129,600	$ 45,000	$ -	$ 4,000	$ 240,000	$ -	$ 118,400	$ -	$ -	$ 537,000

Table 16: Highway Project Summary by Year

Year	STBG	Safety	NHPP-BR	NHPP-IM	NHPP-NHS	Earmark	MoDOT	MoDOT-AC	Local	Total
2020	$ 969,200	$ 1,004,400	$ 432,000	$ 116,500	$ 704,800	$ -	$ 2,096,000	$ 2,819,700	$ -	$ 8,142,600
2021	$ 647,400	$ 45,000	$ 1,999,200	$ 6,004,800	$ 7,593,900	$ -	$ 4,122,400	$ 3,393,600	$ -	$ 23,806,300
2022	$ 176,200	$ -	$ 5,161,600	$ 47,071,300	$ 536,000	$ -	$ 7,088,100	$ 1,500,800	$ -	$ 61,534,000
2023	$ 129,600	$ 45,000	$ -	$ 4,000	$ 240,000	$ -	$ 118,400	$ -	$ -	$ 537,000
Totals	$ 1,922,400	$ 1,094,400	$ 7,592,800	$ 53,196,600	$ 9,074,700	$ -	$ 13,424,900	$ 7,714,100	$ -	$ 94,019,900

Transit Projects

Table 17: 2020 Transit Project Summary

TIP #	Federal - 5307	Federal - 5339	MoDOT	Local	Total
01T-20	$ -	$ 300,000	$ -	$ 75,000	$ 375,000
02T-20	$ -	$ 190,900	$ -	$ 39,100	$ 230,000
03T-20	$ 621,207	$ -	$ -	$ 621,207	$ 1,242,414
04T-20	$ 64,000	$ -	$ -	$ 16,000	$ 80,000
Totals	$ 685,207	$ 490,900	$ -	$ 751,307	$ 1,927,414

Table 18: 2021 Transit Project Summary

TIP #	Federal - 5307	Federal - 5339	MoDOT	Local	Total
01T-21	$ -	$ 161,850	$ -	$ 33,150	$ 195,000
02T-21	$ 639,300	$ -	$ -	$ 639,300	$ 1,278,600
03T-21	$ 65,920	$ -	$ -	$ 16,480	$ 82,400
Totals	$ 705,220	$ 161,850	$ -	$ 688,930	$ 1,556,000

Table 19: 2022 Transit Project Summary

TIP #	Federal - 5307	Federal - 5339	MoDOT	Local	Total
01T-22	$ -	$ 174,300	$ -	$ 35,700	$ 210,000
02T-22	$ 657,394	$ -	$ -	$ 657,394	$ 1,314,788
03T-22	$ 67,840	$ -	$ -	$ 16,960	$ 84,800
04T-22	$ 2,700,000	$ -	$ -	$ 675,000	$ 3,375,000
Totals	$ 3,425,234	$ 174,300	$ -	$ 1,385,054	$ 4,984,588

Non-Motorized Projects

Table 20: 2020 Non-Motorized Project Summary

TIP #	Federal	MoDOT	Local	Total
02PED-16	$ 272,732	$ -	$ 72,932	$ 345,664
01PED-17	$ 160,000	$ -	$ 40,000	$ 200,000
10PED-17	$ 1,092,063	$ -	$ 247,937	$ 1,340,000
02PED-19	$ 236,477	$ -	$ 78,826	$ 315,303
Total	$ 1,761,272	$ -	$ 439,695	$ 2,200,967

Demonstration of Fiscal Constraint

Table 21: Transit Demonstration of Fiscal Constraint

Revenue					
Source	2020	2021	2022	2023	Total
Local Revenue (1/2 cent Transportation Sales Tax)	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 1,800,000
Fare Revenue	$ 170,000	$ 170,000	$ 170,000	$ 170,000	$ 680,000
State Revenue	$ 5,600	$ 5,600	$ 5,600	$ 5,600	$ 22,400
FTA 5307 (Available for O&M)*	$ 1,098,649	$ 1,098,649	$ 1,098,649	$ 1,098,649	$ 4,394,596
FTA 5310	$ 20,600	$ 21,218	$ 21,855	$ 21,855	$ 85,528
FTA 5339	$ 350,850	$ 350,850	$ 350,850	$ 350,850	$ 1,403,400
FTA 5337 Carry Over Balance	$ 4,269,824	$ -	$ -	$ -	$ 4,269,824
FTA 5339 Carry Over Balance	$ 551,467	$ -	$ -	$ -	$ 551,467
Revenue Total	$ 6,916,990	$ 2,096,317	$ 2,096,954	$ 2,096,954	$ 13,207,215
Expenditures					
Operations and Maintenance	$ (1,162,414)	$ (1,196,201)	$ (1,229,987)	$ (1,268,230)	$ (4,856,832)
Programmed Project Match Amount	$ (751,307)	$ (688,930)	$ (1,385,054)	$ -	$ (2,825,291)
Expenditures Total	$ (1,913,721)	$ (1,885,131)	$ (2,615,041)	$ (1,268,230)	$ (7,682,123)
Remaining Financial Capacity	$ 5,003,269	$ 211,186	$ (518,087)	$ 828,724	$ 5,525,092

Table 22: Joplin Demonstration of Fiscal Constraint

Revenue					
Source	2020	2021	2022	2023	Total
1/2 cent transportation sales tax	$ 6,900,000	$ 6,900,000	$ 6,900,000	$ 6,900,000	$ 27,600,000
3/8 cent capital improvement sales tax	$ 5,189,000	$ 5,189,000	$ 5,189,000	$ 5,189,000	$ 20,756,000
Revenue from MoDOT	$ 2,049,174	$ 2,090,157	$ 2,131,960	$ 2,174,599	$ 8,445,890
Total available revenue	$ 14,138,174	$ 14,179,157	$ 14,220,960	$ 14,263,599	$ 56,801,890
Expenditures					
Transfer to MAPS	$ (450,000)	$ (450,000)	$ (450,000)	$ (450,000)	$ (1,800,000)
Estimated O&M	$ (950,962)	$ (979,491)	$ (1,008,876)	$ (1,039,142)	$ (3,978,471)
TIP project expenditures	$ (719,619)	$ (368,750)	$ (35,700)	$ (47,000)	$ (1,171,069)
Expenditures total	$ (2,120,581)	$ (1,798,241)	$ (1,494,576)	$ (1,536,142)	$ (6,949,540)
Remaining financial capacity	$ 12,017,592	$ 12,380,916	$ 12,726,384	$ 12,727,457	$ 49,852,350