

Public Review and Comment

The public is invited to review and submit comments on the proposed amendments to the FY 2023 Annual Element of the Central Arkansas Regional Transportation Study (CARTS) 2022-2023 Unified Planning Work Program (UPWP). The 2023 revisions include (1) budget update for the Infrastructure Investment and Jobs Act and US DOT Planning Emphasis areas. Additional information on the UPWP may be found on the Metroplan website (www.metroplan.org).

The UPWP is a document that is prepared biennially by Metroplan, describing transportation planning activities to be carried out by Metroplan, the Arkansas Department of Transportation (ArDOT) and the transit authority Rock Region METRO. Budgets for these planning activities are financed in large part with federal transportation planning funds through the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA).

The public comment period extends from Sunday, May 1, 2022, through the close of business day on Monday, May 16, 2022. Written comments should be submitted to: CARTS Study Director, Metroplan, 501 W. Markham St., Suite B, Little Rock, AR 72201. Comments may also be faxed to 372-8060 or e-mailed to comments@metroplan.org. Call Metroplan at 372-3300 for further information

CARTS 2023 UPWP Update

Metroplan adopted a UPWP in May 2021 for FY 2022 and FY 2023. Metroplan remains on schedule to complete all tasks within the two-year UPWP period. Budget revisions for FY 2023 are made to reflect current information:

- Increase in FY 2023 Metroplan Planning Funds to an estimated \$1,163,714,
- Carryover of available Metroplan Planning Funds of \$750,000,
- Update amount and funding source for South Loop Study - \$350,000, and
- Update yearly expenditures for the Regional Greenways and Operations/ITS Study.

Complete Streets

The Infrastructure Investment and Jobs Act (IIJA) requires that 2.5% of FHWA Metropolitan Planning Funds (estimated at \$24,422 for Metroplan) be available for Complete Streets activities. Metroplan will meet this requirement through the advancement and promotion of the CARTS Multimodal Infrastructure Guidelines, bikeway planning and the Regional Greenways Study, Regional Analysis of Pedestrian and Bicycle Crash study, maintaining database of pedestrian and bicycle facilities, and supporting implementation of the Regional Unified Development Code.

USDOT Areas of Planning Emphasis

USDOT has established eight Planning Emphasis Areas for use in development of metropolitan work programs. These emphasis areas are included in the CARTS UPWP as follows.

1. Tackling the Climate Crisis – Transition to a Clean Energy, Resilient Future

Metroplan will support ARDOT in the development of the Arkansas Electric Vehicle Deployment Plan and consider impacts within Central Arkansas. Metroplan will also support local jurisdictions to adopt or incorporate elements of the Unified Development Code that support resilient development patterns.

2. Equity and Justice40 in Transportation Planning

Metroplan will consider equity and justice implications of the new Metropolitan Transportation Plan and Regional Greenways Plan. Metroplan will support efforts of the ARDOT and Rock Region METRO to consider Equity and Justice40 impacts of individual projects.

3. Complete Streets

Metroplan will advance and promote multimodal and complete street planning through the implementation of CARTS Multimodal Infrastructure Guidelines, completion of the Regional Greenways Study, and regional safety analysis of pedestrian and bicycle crashes.

4. Public Involvement

Metroplan's public involvement is centered on social media and virtual public involvement. Examples include the website, videos, and surveys used for outreach as part of the Metropolitan Transportation Plan's development and virtual public involvement meetings held for the Regional Greenways Plan.

5. Strategic Highway Network (STRAHNET)/U.S. Department of Defense Coordination

Consisting of I-40, I-30, and Hwy 67/167 connecting to the Little Rock Airforce Base, the STRAHNET planning within Central Arkansas is primarily handled by ARDOT. Metroplan will support efforts of the department on planning for these corridors.

6. Federal Lands Management Agency (FLMA) Coordination

Metroplan will incorporate representatives of FLMA into committees for the Metroplan Transportation Plan and corridors studies.

7. Planning and Environmental Linkages (PEL)

Metroplan will incorporate PEL principals into planning studies. An example includes the South Loop Study that consider environmental constraints as part of alignment and their feasibility.

8. Data in Transportation Planning

Metroplan maintains an extensive GIS database which it shares with local jurisdictions and ARDOT. Metroplan will consider the need for the development of a new Data Collection Plan and sharing agreement.

Central Arkansas Regional Transportation Study - Unified Planning Work Program			Metroplan Work Program ^{1,2}			Rock Region METRO Work Program			ArDOT Work Program			Total CARTS Work Program		
Table 4 - FY 2023 Project Task Budget				TOTAL			5307			SPR		All Funding Sources		
CODE	TASK	ACTIVITY	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total
44.21.00	Program Support and Administration		160,000	40,000	200,000	120,000	30,000	150,000	24,000	6,000	30,000	304,000	76,000	380,000
	1. Work Program Development & Administration													
	2. Public Information & Citizen Participation													
44.22.00	General Development & Comprehensive Planning		360,000	90,000	450,000				4,000	1,000	5,000	364,000	91,000	455,000
	10. Technical Assistance to Local Governments													
	11. Geographical Information System, Graphics & Mapping													
	12. Land Use/Socioeconomic Data Development & Forecasting													
44.23.01	Long-Range Transportation Planning		692,000	173,000	865,000				320,000	80,000	400,000	1,012,000	253,000	1,265,000
	20. Metropolitan Transportation Plan													
	21. Travel Demand Modeling & Analysis													
	22. Strategic Regional Network													
	Regional Bikeways Plan		40,000	10,000	50,000									
	23. Sustainable Transportation Strategies													
	24. Major Transportation Investement													
	Corridor Studies (Consultants)		280,000	70,000	350,000				40,000	160,000	200,000			
44.24.00	Short-Range Transportation Planning		348,000	87,000	435,000	720,000	180,000	900,000	80,000	20,000	100,000	1,148,000	287,000	1,435,000
	40. Traffic Monitoring & Analysis of Existing Conditions													
	41. Traffic Congestion & Safety Planning													
	42. Public Transportation, Goods Movement & Intermodal Planning													
	River Centers TOD Study (Phase 2))					320,000	80,000	400,000						
	Little Rock Bus Rapid Transit Study					240,000	60,000	300,000						
	43. Facility Maintenance, Preservation & Enhancement Planning													
	44. Air Quality Planning & Public Awareness													
	Ozone Awareness		48,000	12,000	60,000									
	45. Intelligent Transportation Systems													
	Operations Study/ITS		200,000	50,000	250,000									
44.25.00	Transportation Improvement Program		48,000	12,000	60,000				12,000	3,000	15,000	60,000	15,000	75,000
	50. TIP Development, Project Selection & Surveillance													
TOTAL			1,608,000	402,000	2,010,000	840,000	210,000	1,050,000	440,000	110,000	550,000	2,888,000	722,000	3,610,000
CONSULTANT-LED STUDIES ARE SHOWN IN ITALICS AND INCLUDED IN PROJECT TOTAL														
¹ Metroplan Work Program Reflects FTA 5303, FHWA PL and STP Funds														
² FY 2023 Federal Funding Availability for Metroplan -- \$1,163,714 Combined FTA/FTA; \$240,000 STBG Flex to Planning; \$750,00 Prior Year Carryover of FTA/FHWA; \$60,000 CMAQ														

Central Arkansas Regional Transportation Study - Unified Planning Work Program			Metroplan Work Program FTA/FHWA (Staff)			Metroplan Work Program FTA/FHWA (Studies)			Metroplan Work Program STBGU			Metroplan Work Program CMAQ			Metroplan Work Program Total		
Table 4 - FY 2023 Project Task Budget				TOTAL			TOTAL			TOTAL			TOTAL			TOTAL	
CODE	TASK	ACTIVITY	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total
44.21.00	Program Support and Administration		160,000	40,000	200,000										160,000	40,000	200,000
	1.	Work Program Development & Administration															
	2.	Public Information & Citizen Participation															
44.22.00	General Development & Comprehensive Planning		360,000	90,000	450,000										360,000	90,000	450,000
	10.	Technical Assistance to Local Governments															
	11.	Geographical Information System, Graphics & Mapping															
	12.	Land Use/Socioeconomic Data Development & Forecasting															
44.23.01	Long-Range Transportation Planning		372,000	93,000	465,000	280,000	70,000	350,000	40,000	10,000	50,000				692,000	173,000	865,000
	20.	Metropolitan Transportation Plan															
	21.	Travel Demand Modeling & Analysis															
	22.	Strategic Regional Network															
		<i>Regional Bikeways Plan</i>				0	0	0	40,000	10,000	50,000				40,000	10,000	50,000
	23.	Sustainable Transportation Strategies															
	24.	Major Transportation Investement															
		<i>Corridor Studies (Consultants)</i>				280,000	70,000	350,000	0	0	0				280,000	70,000	350,000
44.24.00	Short-Range Transportation Planning		100,000	25,000	125,000				200,000	50,000	250,000	48,000	12,000	60,000	348,000	87,000	435,000
	40.	Traffic Monitoring & Analysis of Existing Conditions															
	41.	Traffic Congestion & Safety Planning															
	42.	Public Transportation, Goods Movement & Intermodal Planning															
		<i>River Centers TOD Study (Phase 2))</i>															
		<i>Little Rock Bus Rapid Transit Study</i>															
	43.	Facility Maintenance, Preservation & Enhancement Planning															
	44.	Air Quality Planning & Public Awareness															
		<i>Ozone Awareness</i>										48,000	12,000	60,000	48,000	12,000	60,000
	45.	Intelligent Transportation Systems															
		<i>Operations Study/ITS</i>							200,000	50,000	250,000				200,000	50,000	250,000
44.25.00	Transportation Improvement Program		48,000	12,000	60,000										48,000	12,000	60,000
	50.	TIP Development, Project Selection & Surveillance															
		TOTAL	1,040,000	260,000	1,300,000	280,000	70,000	350,000	240,000	60,000	300,000	48,000	12,000	60,000	1,608,000	402,000	2,010,000
CONSULTANT-LED STUDIES ARE SHOWN IN ITALICS AND INCLUDED IN PROJECT TOTAL																	
¹ Metroplan Work Program Reflects FTA 5303, FHWA PL and STP Funds																	
² FY 2023 Federal Funding Availability for Metroplan -- \$1,163,714 Combined FTA/FTA; \$240,000 STBG Flex to Planning; \$750,00 Prior Year Carryover of FTA/FHWA; \$60,000 CMAQ																	

UPWP

UNIFIED PLANNING WORK PROGRAM



FY 2022 & 2023



METROPLAN

SMART PLANNING MAKES SMART PLACES.

CARTS ■ CENTRAL ARKANSAS REGIONAL TRANSPORTATION STUDY

UPWP FY 2022 & 2023

Central Arkansas REGIONAL TRANSPORTATION STUDY

Fiscal Year 2022 & 2023

Unified Planning Work Program

Prepared by

METROPLAN

Metropolitan planning organization & Council of Local Governments

In cooperation with:

United States Department of Transportation

Arkansas Department of Transportation

Rock Region METRO Transit Authority

and

City of Alexander

City of Austin

City of Bauxite

City of Benton

City of Bryant

City of Cabot

City of Cammack Village

City of Conway

City of England

City of Greenbrier

City of Guy

City of Haskell

Hot Springs Village*

City of Jacksonville

City of Little Rock

City of Lonoke

City of Maumelle

City of Mayflower

City of Mount Vernon

City of North Little Rock

City of Shannon Hills

City of Sheridan*

City of Sherwood

City of Traskwood

City of Vilonia

City of Ward

City of Wooster

City of Wrightsville

Faulkner County

Grant County*

Lonoke County

Pulaski County

Saline County

Bill and Hillary Clinton

National Airport

Little Rock Port Authority

May 2021

Amended August 2021

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This notice is available upon request from Metroplan in large print, audiotape, or braille.

*Non-voting member

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RESOLUTION 21-06

ADOPTION OF THE FISCAL YEARS 2022-2023 UNIFIED PLANNING WORK PROGRAM FOR THE CENTRAL ARKANSAS REGIONAL TRANSPORTATION STUDY

WHEREAS, the “Fixing America’s Surface Transportation Act” (FAST ACT) requires that as a condition to the receipt of financial assistance from the United States Department of Transportation for surface transportation projects in transportation management areas, projects shall be consistent with transportation plans and programs developed through a continuing and comprehensive transportation planning process carried out by the metropolitan planning organization in cooperation with the State and transit operators; and

WHEREAS, Metroplan is the officially designated metropolitan planning organization (MPO) for the Little Rock-North Little Rock-Conway metropolitan statistical transportation management area; and

WHEREAS, the attached Unified Planning Work Program (UPWP) for fiscal years 2022-2023 identifies metropolitan transportation planning activities to be undertaken in the transportation management area by staff and/or consultants of Metroplan, the Arkansas Department of Transportation, and the Rock Region METRO transit authority during the 2022 UPWP fiscal year beginning July 1, 2021 and ending June 30, 2022 and the 2023 UPWP fiscal year beginning July 1, 2022 and ending June 30, 2023; and

WHEREAS, in the judgment of the Metroplan Board of Directors the planning activities and budgets identified in the attached CARTS Fiscal Years 2022 and 2023 UPWP are consistent with the MPO’s metropolitan transportation planning goals, objectives, and priorities; and has been available for public comment, in which any and all substantive public comments received have been reported to the Metroplan Board of Directors; and

WHEREAS, the Metroplan Board of Directors authorizes Metroplan staff to administratively adjust budgets between tasks to reflect any changes in available funding;

NOW, THEREFORE, BE IT RESOLVED, that as the metropolitan planning organization for central Arkansas, the Metroplan Board of Directors hereby approves and adopts this Unified Planning Work Program for Fiscal Years 2022 and 2023, for the Central Arkansas Regional Transportation Study.

Duly recorded this 8th day of June 2021.

SIGNED:

Doug Erwin, President
Judge, Lonoke County

ATTEST:

Allen Scott, Secretary-Treasurer
Mayor, City of Bryant

FISCAL YEAR 2020 UNIFIED PLANNING WORK PROGRAM

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■ INTRODUCTION

The Unified Planning Work Program (UPWP)

The Unified Planning Work Program describes the transportation planning activities Metroplan, the Arkansas Department of Transportation (ArDOT) and Rock Region METRO propose to undertake.

The purpose of the UPWP is to promote a unified regional approach to transportation planning in order to achieve regional goals and objectives. Additionally, the UPWP serves to document proposed expenditures of Federal, State and local transportation planning funds, and provides a management tool for Metroplan and the funding agencies in scheduling major transportation planning activities, milestones, and products.

The UPWP is required of all metropolitan planning organizations (MPOs) as a condition to receiving federal funds. Metroplan is the federally designated MPO for Central Arkansas.

Two Year UPWP

This UPWP is adopted for AR Fiscal Years 2022 and 2023. The two-year time period allows for enhanced sequencing of projects and transportation planning within the CARTS Study Area. It also aligns with the two-year election of Metroplan Board Officers and regional priorities determined under their leadership. The priorities and tasks will be reviewed at the end of fiscal year 2022 to determine any changes that are required. The 2023 budget will also be updated pending final determination of federal transportation planning funds.

Metroplan and the CARTS Planning Process

The CARTS transportation planning structure is illustrated in **Figure 1** on the next page. Metroplan is a council of local governments and the designated Metropolitan planning organization (MPO) for the Little Rock-North Little Rock-Conway Metropolitan Statistical Area (MSA). ArDOT and Rock Region METRO are partners with Metroplan in the CARTS planning process. Metroplan membership is restricted to municipal and county governments in the MSA, ArDOT, Rock Region METRO, Little Rock Port Authority, and the Bill & Hillary Clinton National Airport.

The UPWP fulfills the federal requirement under 23 CFR §450.308:

(b) An MPO shall document metropolitan transportation planning activities performed with funds provided under title 23 U.S.C. and title 49 U.S.C. Chapter 53 in a unified planning work program (UPWP) . . .

(c) . . . each MPO, in cooperation with the State(s) and public transportation operator(s), shall develop a UPWP that includes a discussion of the planning priorities facing the MPA. The UPWP shall identify work proposed for the next 1- or 2-year period by major activity and task (including activities that address the planning factors in §450.306(b)), in sufficient detail to indicate who (e.g., MPO, State, public transportation operator, local government, or consultant) will perform the work, the schedule for completing the work, the resulting products, the proposed funding by activity/task, and a summary of the total amounts and sources of Federal and matching funds.



MPO decision-making authority resides with the Metroplan Board of Directors. Metroplan member governments, ARDOT, Rock Region METRO, Little Rock Port Authority, and Clinton National Airport have voting representation on the Metroplan Board. Local jurisdictions that have approved and submitted a Resolution of Participation in the CARTS process are identified on the title page of this document. Current voting members of the Metroplan Board of Directors are identified following the title page. **Figure 2** illustrates the location of local government jurisdictions within the Little Rock-North Little Rock-Conway MSA and CARTS transportation planning and management area.

FIGURE 1. CARTS PLANNING STRUCTURE

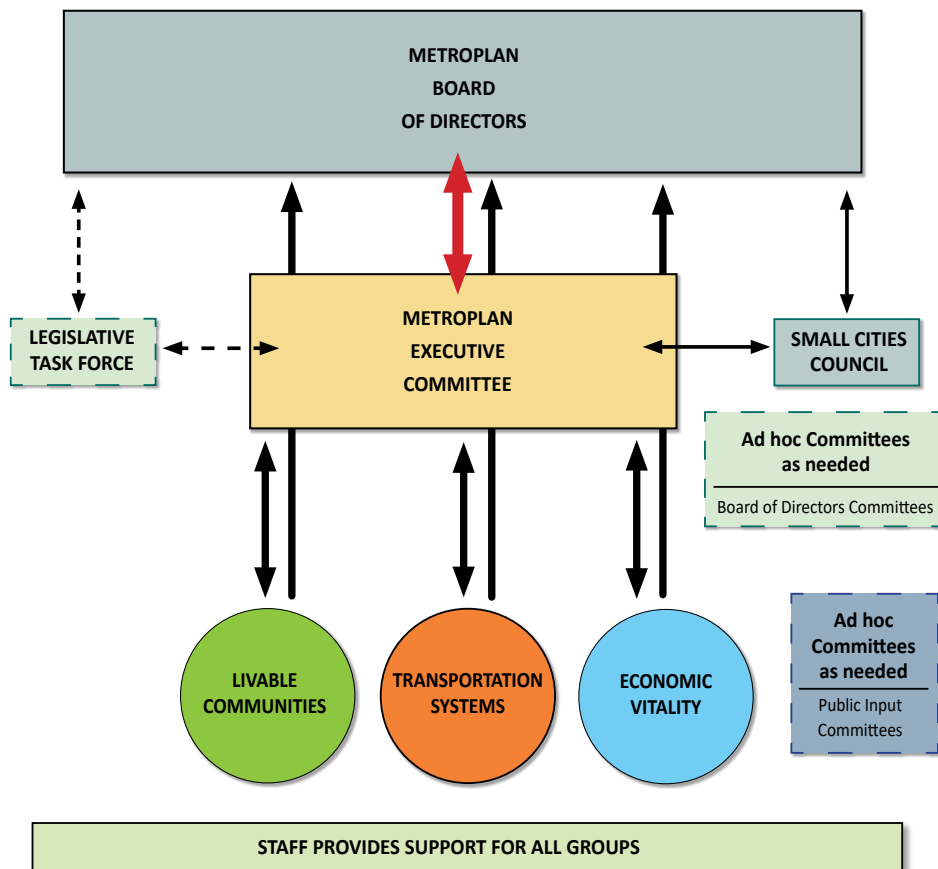
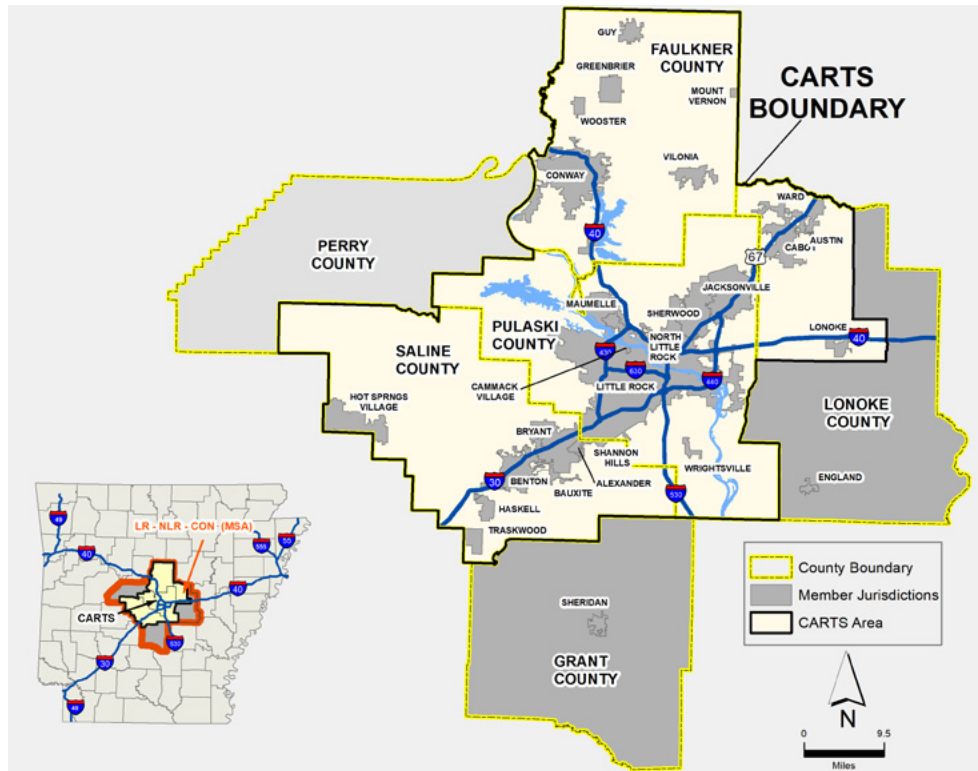


FIGURE 2. CENTRAL ARKANSAS REGIONAL
TRANSPORTATION STUDY



Metropolitan Planning Factors

The 2015 Fixing America's Surface Transportation Act (FAST ACT) continues the principles of integrated planning first set forth in 1992 with the Intermodal Surface Transportation Efficiency Act

Under the FAST Act, MPOs must consider ten (10) planning factors when developing transportation plans and programs.

1. Support the economic vitality of the 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.

UPWP FY 2022 & 2023

Development of this FY 2022 & 2023 UPWP has been guided by regulations requiring the CARTS planning process to consider and implement projects, strategies, and services that address these ten Metropolitan planning factors. Each of these planning factors affects nearly every task; the degree of consideration and analysis is based on the scale and complexity of many issues, including transportation system development, land use, employment, economic development, human and natural environment, and housing and community development (23 CFR 450.306(b)). The matrix on page 6 summarizes the applicability of each Metropolitan planning factor to the 2022 & 2023 work program tasks.

2022-2023 Planning Priorities

Planning priorities for the CARTS Study Area are a combination of federal, state, and local emphasis areas. The following priorities have been determined by the implementing agency.

2022-2023 METROPLAN Planning Priorities

	Tasks	Anticipated/Completion Schedule:
Metropolitan Transportation Plan	20	Dec 2022
Regional Pathways Plan	22	Oct 2022
Incorporation of Census Data into Regional GIS and CARTS TDM	11, 12, & 21	June 2023
Congestion Management Plan	41	June 2023
Small Cities Model Code Implementation	10	Code Dec 2021
LR Port South Loop Study	24	Dec 2022
Updated Regional Performance Measures	40, 41, 42, & 43	Dec 2022
2023 – 2026 CARTS TIP	50	June 2022
Implementation of Recommendations from Federal Certification Review	Various	June 2023

2022-2023 ARDOT Planning Priorities

	Tasks	Anticipated/Completion Schedule:
Identification of Critical Freight Corridors	40	

2022-2023 Rock Region METRO Planning Priorities

	Tasks	Anticipated/Completion Schedule:
Phase 2 River Cities Travel Center TOD Design	42	January 2023
Southwest Little Rock TOD Study	42	April 2022
Little Rock Bus Rapid Transit Study	42	April 2023

FISCAL YEAR 2021 ACCOMPLISHMENTS

The following summarizes work produced and planning activities performed during FY 2021 to implement the approved CARTS planning projects and consultant tasks listed below. Ongoing work program tasks, such as routine project administration, are not included in this summary and only major accomplishments are listed.

Project 44-21.00 Program Support and Administration

- Federal Certification Review
- Adopted *Title VI and LEP Plan*
- Published *2022–2023 UPWP*
- Office Operations for COVID-19

Project 44-22.00 General Development and Comprehensive Planning

- Published MetroTrends magazines: *Economic Review and Outlook* and *Demographic Review and Outlook*
- Published initial *Best Practices Newsletter*
- GIS Maintenance in support of planning activities

Project 44-23.00 Long-Range Transportation Planning

- Adopted Amendment to *Central Arkansas 2050* in association with new TIP
- Developed 5 Themes for the MTP for Public Outreach
- Developed draft Small Cities Model Code Ordinance
- Completion of Hwy 107 Study and nearing completion of East-West Connector Study

Project 44-24.00 Short-Range Transportation Planning

- Completion of CARTS Accessibility Infrastructure Guidelines
- Oversaw Ozone Action Days public awareness campaign and education
- Transit Oriented Development Study

Project 44-25.00 Transportation Improvement Program

- Adopted 2021–2024 CARTS TIP
- Developed new evaluation process and selected STBG and HIP Projects

TABLE 1. PLANNING FACTORS AND TASK MATRIX

CARTS FY 2020 UNIFIED PLANNING WORK PROGRAM	METROPOLITAN PLANNING FACTORS									
	1	2	3	4	5	6	7	8	9	10
PROJECT TASKS	Economic	Safety	Security	Accessibility	Environment	Connectivity	Management	Preservation	Storm Water	Tourism
44.21.00 PROGRAM SUPPORT AND ADMINISTRATION										
1. Work Program Development and Administration	X	X		X		X				
2. Public Information & Citizen Participation			X		X					X
44.22.00 GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING										
10. Technical Assistance to Local Governments	X	X	X	X	X	X	X		X	X
11. Geographical Information System Graphics and Mapping					X	X			X	
12. Land Use/Socioeconomic Data Development	X				X					
44.23.00 LONG-RANGE TRANSPORTATION PLANNING										
20. Metropolitan Transportation Plan	X	X	X	X	X	X	X	X	X	X
21. Travel Demand Modeling and Emissions Analysis				X	X	X	X	X		
22. Strategic Regional Network	X	X	X	X	X	X	X		X	X
23. Sustainable Transportation Strategies	X	X		X	X	X	X	X	X	X
24. Studies Related to Major Transportation Investments	X	X	X	X	X	X	X	X	X	X
44.24.00 SHORT-RANGE TRANSPORTATION PLANNING										
40. Traffic Monitoring & Analysis of Existing Conditions	X	X		X	X	X	X	X	X	X
41. Traffic Congestion & Safety Planning	X	X		X	X	X	X	X	X	X
42. Public Transport, Goods Movement & Intermodal Planning	X	X	X	X	X	X	X	X	X	X
43. Facility Maintenance, Preservation & Enhancement Planning	X	X		X	X	X	X	X	X	X
44. Air Quality Planning & Public Awareness	X	X			X					X
45. Intelligent Transportation Systems	X	X	X	X	X	X	X	X	X	X
44.24.00 TRANSPORTATION IMPROVEMENT PROGRAM										
50. TIP Development, Project Selection & Monitoring	X	X	X	X	X	X	X	X	X	X

■ FISCAL YEAR 2022 & 2023 PROJECT TASK DESCRIPTIONS

CARTS planning activities are divided into five major planning projects taken from the Federal Transit Act, Section 5303, Metropolitan Planning Program, grant categories. Funding sources for CARTS planning activities include a combination of federal transit and highway programs. While UPWP tasks may change from year to year, UPWP projects tend to remain the same.

The following pages describe each task, including its purpose, agency or agencies responsible for carrying out the work, and expected results.

Below is a list of the projects and tasks, and the total budgeted for each project. For details, schedules and responsibilities, see the individual task descriptions beginning on the next page. Resources allocations and the planning project budgets of Metroplan, ArDOT, and Rock Region METRO are identified beginning on page 27.

Project Number	Title	Total Budgeted Amount	
		2022	2023
#44.21.00	■ PROGRAM SUPPORT & ADMINISTRATION	\$380,000	\$380,000
Task 1	Work Program Development and Administration		
Task 2	Public Information and Citizen Participation		
#44.22.00	■ GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING	\$455,000	\$455,000
Task 10	Technical Assistance to Local Governments		
Task 11	Geographical Information System, Graphics, & Mapping		
Task 12	Land Use/Socioeconomic Data Development		
#44.23.00	■ LONG-RANGE TRANSPORTATION PLANNING	\$1,350,000	\$1,090,000
Task 20	Metropolitan Transportation Plan		
Task 21	Travel Demand Modeling & Emissions Analysis		
Task 22	Strategic Regional Network		
Task 23	Sustainable Transportation Strategies		
Task 24	Major Transportation Investment Planning (Corridor Studies)		
#44.24.00	■ SHORT-RANGE TRANSPORTATION PLANNING	\$985,000	\$1,295,000
Task 40	Traffic Monitoring & Analysis of Existing Conditions		
Task 41	Traffic Congestion & Safety Planning		
Task 42	Public Transportation, Goods Movement & Intermodal Planning		
Task 43	Facility Maintenance, Preservation & Enhancement Planning		
Task 44	Air Quality Planning & Public Awareness		
Task 45	Intelligent Transportation Systems		
#44.24.00	■ TRANSPORTATION IMPROVEMENT PROGRAM	\$75,000	\$75,000
Task 50	TIP development, Project Selection & Monitoring		

■ 44.21.00 PROGRAM SUPPORT AND ADMINISTRATION

Task #1 Work Program Development & Administration

Purpose:

- 1) Prepare and administer the UPWP.
- 2) Support MPO, Regional Advisory Committees, and subcommittee meetings.

Method:

Metroplan, ArDOT, and Rock Region METRO staff will cooperatively develop and administer the UPWP, and coordinate CARTS planning activities and committee meetings in compliance with UPWP funding agencies. ArDOT staff is assigned primary responsibility for coordinating the CARTS planning process with the statewide planning process. Rock Region METRO staff is assigned primary responsibility for coordinating Rock Region METRO's transit planning activities with the CARTS and statewide planning processes.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Administer CARTS FY 2022 & 2023 UPWP	Ongoing
2. Prepare and publish the CARTS FY 2024 & 2025 UPWP	May/June 2023
3. Coordinate consultant-related activities	As Needed
4. Modify UPWP role and responsibilities	As Needed
ArDOT	
1. Coordinate ArDOT's planning process within CARTS	Ongoing
Rock Region METRO	
1. Coordinate Rock Region METRO's planning process within CARTS	Ongoing

■ 44.21.00 PROGRAM SUPPORT AND ADMINISTRATION

Task #2 Public Information & Citizen Participation

Purpose:

- 1) Disseminate public information regarding CARTS activities and current issues in metropolitan transportation planning.
- 2) Encourage and document citizen participation in the development of CARTS' transportation plans, programs and policies via the approved CARTS Public Participation Plan. Metroplan's public participation process also satisfies Rock Region METRO's public process.

Method:

Metroplan, ArDOT, and Rock Region METRO staff will coordinate to: (1) disseminate public information; (2) encourage citizen participation (including low-income and minority households, in compliance with the Executive Order on Environmental Justice); (3) consult with interested parties, and (4) facilitate and document public involvement in the CARTS planning process. ArDOT and Rock Region METRO staffs are primarily responsible for soliciting public input regarding their planning activities, consistent with their public participation policies.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Implement and document public information and citizen participation	Ongoing
2. Modify/update <i>CARTS Public Participation Plan</i> and <i>Title VI Program and LEP Plan</i> as part of the long range plan update	As Needed
3. Publish Metroplan reports	
• <i>Metroplan Annual Report</i>	Spring
• Others	As Needed
4. Maintain and constantly update Metroplan archives	Ongoing
5. Maintain Metroplan websites (Metroplan.org , ozoneactiondays.org , arkansasrivertail.org , others)	Ongoing/As Needed
6. Implement/administer any changes to the MPO organization structure, as needed	As Needed
ArDOT	
1. Solicit public input for ArDOT-led planning activities within CARTS	Ongoing/As Needed
Rock Region METRO	
1. Solicit public input for Rock Region METRO planning within CARTS	Ongoing/As Needed

■ 44.22.00 GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING

Task #10 Technical Assistance to Local Governments

Purpose:

- 1) Assist local governments with planning activities integral to the comprehensively planned development of the CARTS area.
- 2) Assist in bringing local plans, regulations and ordinances into conformity with the long-range metropolitan transportation plan.

Method:

Consistent with MPO priorities and policies, Metroplan staff may provide technical assistance requested by a member government to complete local planning activities integral to the comprehensively planned development of the CARTS area. Consistent with statewide planning priorities, ArDOT staff may also provide planning assistance to CARTS area local governments.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Provide mapping and other technical assistance to CARTS area local governments	Ongoing
2. Update local plans and ordinances necessary to conform to regional goals	Ongoing/As Requested
3. Conduct technical studies for member jurisdictions, which may include field data collection; inter-regional coordination; municipal annexation/incorporation; traffic; transit, parking, population, housing, environmental, and/or signal warrants	As Requested
4. Develop or revise comprehensive and general plans, master street plans, land use plans, zoning ordinances and maps, subdivision regulations and design standards, bikeway and pedestrian system plans, public transit service plans, and other community facility plans	As Requested
5. Other CARTS Area local government planning activities	As Requested
6. Provide staff support to the Small Cities Council. (1) Assist jurisdictions with the application of model ordinances supporting LRMTTP goals. (2) Conduct training sessions to planning commissions and others.	Code December 2021 Ongoing

■ 44.22.00 GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING

Task #11 Geographical Information System, Graphics & Mapping

Purpose:

- 1) Map and analyze appropriate spatial features and attributes in and near the Metropolitan Statistical Area (MSA).
- 2) Maintain and improve digital computing and related technical capabilities.
- 3) Produce, print, plot, display, publish, acquire, and maintain data, documents, digital imagery, illustrations and maps.

Method:

As needed, Metroplan staff will develop and manage digital computing facilities; employ desktop publishing and visual presentation/multi-media systems; collect and utilize digital imagery and GPS location data, as well as U.S. Census and other spatially referenced data in developing and maintaining an Arc/GIS™-based geographical information system (GIS) covering the MSA and CARTS Area.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Maintain and enhance digital computing and communications, internet sites, and related technical capabilities	Ongoing
2. Continue development of an Arc/GIS™-based GIS covering the MSA and CARTS Area	Ongoing
3. Manage and improve Metroplan's local area network (LAN) and internet capabilities, including digital data storage, security & backup	Ongoing
4. Produce, display and publish CARTS area data, documents, illustrations, and maps; provide GIS support for the CARTS Travel Demand Model	Ongoing
5. Provide spatial decision mapping support for other UPWP tasks	Ongoing/As Needed
6. Provide GIS and mapping assistance to CARTS area local governments	Ongoing/As Requested
7. Utilize GIS to set goals, assist, and monitor a performance-based planning program	Ongoing

■ 44.22.00 GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING

Task #12 Land Use/Socioeconomic Data Development

Purpose:

Efforts for this task will be associated with the development of scenarios for the long-range transportation plan.

- 1) Provide the CARTS planning process with data analysis of regional economic and demographic trends, population and employment forecasts.
- 2) Further develop the Metroplan Data Center.
- 3) Provide timely and reliable information characterizing land use and socioeconomic conditions and trends for the MSA and CARTS Area.

Method:

As needed, MPO staff will coordinate with CARTS committees and data providers to: (1) collect, develop, maintain, analyze and document land use and socio-economic data; (2) provide data support for and coordinate with other UPWP activities; and (3) prepare and publish technical reports and analyses.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Develop, analyze, maintain and document land use and socio-economic data characterizing MSA and CARTS area conditions and trends	Ongoing
2. Develop and refine socioeconomic data for use in the CARTS and Statewide Travel Demand Models	Ongoing
3. Incorporate 2020 Census Results into Socioeconomic Data and Land Use Planning	As Available
4. Develop 2030 demographic projections for Central Arkansas 2050 plan update	Summer 2020
5. Publish two <i>MetroTrends</i> magazines:	
• <i>Yearly Economic Review and Outlook</i>	Fall
• <i>Yearly Demographic Review and Outlook</i>	Spring
6. Publish semi-annual <i>Best Practices Newsletter</i>	Winter/Summer
7. Provide support for other UPWP tasks	Ongoing

■ 44.23.00 LONG-RANGE TRANSPORTATION PLANNING

Task #20 Metropolitan Transportation Plan

Purpose:

To prepare a new regional long-range metropolitan transportation plan (LRMTP)

Method:

In accordance with Metroplan policy and applicable federal regulations, Metroplan will coordinate and undertake various activities to update the metropolitan transportation plan in consultation and coordination with ArDOT and Rock Region METRO staffs. The existing plan will be monitored and amended as necessary.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Complete development of the new LRMTP	Winter 2022
2. Satisfactory progress in monitoring and implementing the LRMTP	Ongoing
3. Conduct public engagement for the new LRMTP	Throughout FY 2022 & 2023
4. Update financial assumptions to ensure consistency with TIP	Throughout FY 2022 & 2023
5. Coordinate with ArDOT and Rock Region METRO on Regional Performance Measures	Ongoing
6. Process requests for LRMTP amendments	As Needed
7. Develop model ordinances supporting LRMTP goals	December 2021
ArDOT	
1. Support MPO in LRMTP update	Ongoing
2. Consider the impact of recommendations from various studies on LRMTP, in association with ArDOT planning efforts	Ongoing
3. Evaluate the impact of performance measure targets on ArDOT long-term planning efforts	Ongoing
4. Implement <i>Statewide Long-Range Intermodal Transportation Plan</i>	Ongoing
Rock Region METRO	
1. Support Metroplan in LRMTP update	Ongoing
2. Review LRMTP in association with Rock Region METRO planning efforts	Ongoing
3. Evaluate the impact of performance measure targets on Rock Region METRO's long-term planning efforts	Ongoing

■ 44.23.00 LONG-RANGE TRANSPORTATION PLANNING

Task #21 Travel Demand Modeling & Emissions Analysis

Purpose:

- 1) Simulate existing and future travel demand.
- 2) Effectively model, analyze, and document multi-modal transportation networks.
- 3) Estimate on-road motor-vehicle emissions, as needed.
- 4) Incorporate data from the 2020 Census into the CARTS Model.

Method:

- 1) Metroplan and ArDOT will cooperatively utilize the CARTS travel demand model; prepare, analyze and document network-based travel forecasts, as needed; and undergo training in the use of travel demand modeling and emissions analysis tools.
- 2) Process socioeconomic data from the 2020 census to update the base-year model.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Maintain and implement the CARTS Travel Demand Model	Ongoing
2. Oversee consultant use of the CARTS Travel Demand Model	Ongoing
3. Provide forecasts for regional studies	Ongoing/As Requested
4. Incorporate results of 2020 Census into CARTS Travel Demand Model	Summer 2022
ArDOT	
1. Assist with maintenance/implementation of the CARTS Travel Demand Model	Ongoing
Rock Region METRO	
1. Provide route modification suggestions to Metroplan and ArDOT staffs for incorporation into respective travel demand models	Ongoing/As Needed

■ 44.23.00 LONG-RANGE TRANSPORTATION PLANNING

Task #22 Strategic Regional Network

Purpose:

- 1) Plan for CARTS area freeways, regional arterials, regional transit improvements, and regional bikeway and pedestrian systems in support of the LRMTTP update.
- 2) Optimize the efficiency of the existing transportation networks.

Method:

- 1) Metroplan, ARDOT, and Rock Region METRO staffs will coordinate with CARTS committees on projects of regional significance. Metroplan staff will be primarily responsible for coordinating projects on the Regional Arterial Network (RAN) with affected municipalities and ARDOT (on state highways). ARDOT will coordinate with Metroplan staff on freeway projects. Rock Region METRO will coordinate with Metroplan on transit projects of regional significance.
- 2) Bicycle and pedestrian transportation planning: Metroplan will develop a new regional bikeway plan focusing on implementation within the next 10 years

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Oversee and conduct follow-up studies or analyses of proposed RAN projects	Ongoing/As Needed
2. Conduct long-range regional bike and pedestrian planning (update regional plan)	Ongoing
• Regional Bikeways/Multi-use Paths Plan	Summer 2022
3. Conduct other long-range regional freeway or RAN corridor planning in consultation with ARDOT	As Needed
4. Conduct other strategic regional network planning in support of Task 20	Ongoing/As Needed
5. Consult, cooperate, and assist local governments and CARTS committees on city and regional bike plans. Coordinate with Hot Springs MPO on the Southwest Trail alignment and construction.	Ongoing/As Needed

■ 44.23.00 LONG-RANGE TRANSPORTATION PLANNING

Task #22 Strategic Regional Network, continued

ArDOT			
1. Continue the evaluation of federal-aid maintenance needs and cost estimates, including system infrastructure performance measures, jointly with Metroplan		Ongoing	
Rock Region METRO			
1. Develop long-term implementation strategies from <i>Move Central Arkansas</i>		Ongoing	
Consultant Studies	Total Contract Amount	Estimated Expenditure	
		FY 2022	FY 2023
Regional Pathways Study	\$400,000	\$325,000	\$25,000

Task #23 Sustainable Transportation Strategies

Purpose:

Increase the livability of the region by developing and advancing sustainable transportation strategies, Jump Start implementation strategies, all consistent with the goals and objectives of *Central Arkansas 2050*.

Method:

Metroplan will participate in regional collaborations that promote sustainable transportation strategies.

Expected Results/Product:	Anticipated Completion Schedule:
Metroplan	
1. Administer Jump Start plans	As Needed
2. Participate in Healthy Active Arkansas and other stakeholder groups	Ongoing
3. Promote sustainability practices from <i>Central Arkansas 2050</i> to the general stakeholder groups	Ongoing
4. Promote transit-oriented developments as a strategy to increase transit ridership	Ongoing
5. Perform any other activities required to develop and advance sustainable transportation strategies	As Needed

■ 44.23.00 LONG-RANGE TRANSPORTATION PLANNING

Task #24 Studies Related To Major Transportation Investments (Corridor Studies)

Purpose:

Cooperatively perform corridor/subarea studies related to major transportation investments within the region. These studies will be used to determine the need for a major investment study (MIS) or to address issues left unresolved by a MIS or a major transportation investment and may involve the application of access management techniques.

Method:

As needed, ARDOT, Metroplan, or Rock Region METRO may cooperatively undertake corridor/subarea planning activities to determine the need for a MIS or otherwise related to a major transportation investment.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Multi-modal corridor studies	
a. Little Rock South Loop Study	Summer 2022
b. Additional Studies	As Requested
ARDOT	
1. Satisfactory progress on the following corridor studies	Ongoing
a. North Pulaski County Corridor Study	Fall 2021
b. Kiehl/Brockington/Hwy 67 Intersection Study	2021
c. Highway 300/Colonel Glenn from Bowman to Highway 5 (Little Rock)	2021
d. Highway 35 from I-30 to Military Road (Benton)	2021
e. Highway 319 Connector	2021
f. Highway 70 (Broadway) Study	2021
g. Additional Studies as requested	Ongoing

Consultant Studies	Total Contract Amount	Estimated Expenditure	
		FY 2022	FY 2023
Little Rock Port Study/South Loop	\$200,000	\$200,000	\$0
Various Consultant Studies	\$600,000	\$200,000	\$400,000

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #40 Traffic Monitoring & Analysis of Existing Conditions

Purpose:

Identify and analyze existing and near-term transportation system and travel conditions in the CARTS area and monitor deployment of network optimization strategies.

Method:

ArDOT staff will coordinate traffic data collection for the CARTS area and provide data to Metroplan, Rock Region METRO, local governments, and others. Metroplan staff will develop an "existing conditions report" to support these efforts, and report on regional performance measures.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
ArDOT	
1. Collect traffic volume, vehicle classification, vehicle speed, vehicle registration, and Highway Performance and Monitoring System (HPMS) data	Ongoing
2. Collect and provide traffic data in support of other UPWP activities	Ongoing
3. Prepare, publish and distribute traffic-related data and technical reports	Ongoing
Metroplan	
1. Satisfactory progress in collecting and reporting traffic related data, and publication of appropriate data and technical reports identifying and analyzing existing and near-term CARTS area transportation system and travel conditions	Ongoing
2. Develop applicable regional performance measures	Biennial

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #41 Traffic Congestion & Safety Planning

Purpose:

- 1) Further develop and implement the CARTS area system reliability by advancing travel demand reduction and operational management strategies.
- 2) Address CARTS area surface transportation safety concerns as needed.

Method:

- 1) Traffic Congestion/System Reliability: ArDOT, Rock Region METRO and Metroplan staff will coordinate and cooperate to further develop, implement, and report the CARTS area System Reliability Measures and Congestion Measures.
- 2) Transportation Safety: As needed, ArDOT, Rock Region METRO and Metroplan staff will coordinate and cooperate to address surface transportation safety concerns in the CARTS area.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
ArDOT	
1. Complete operations studies and safety studies, in coordination with Metroplan staff and local governments	As Requested
2. Provide public information regarding ArDOT-operated park/ride facilities	Ongoing
3. Consider safety concerns with respect to state highway system incident management in the CARTS area	Ongoing
Metroplan	
1. Monitor regional performance measures	Ongoing
2. Develop new CARTS Congestion Management Process (CMP) and integrate with system reliability performance measure	Spring 2023
3. Periodically identify high crash locations on the RAN	As Needed
Rock Region METRO	
1. Promote Rock Region METRO's public transit commuter service	Ongoing
2. Identify how safety concerns impact the operations or use of Rock Region METRO facilities and transit vehicles	Ongoing
3. Conduct reporting for Transit Safety Performance Measure to National Transit Database	Monthly

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #42 Public Transportation, Goods Movement & Intermodal Planning

Purpose:

- 1) Perform short-range public transit service and operations planning, as needed.
- 2) Carry out inventories and short-range planning for public transportation facilities and equipment, as well as for public and private intermodal person and goods movement facilities and systems.

Method:

- 1) Public Transit Service & Operations Planning: As needed, Rock Region METRO will coordinate and cooperate with Metroplan and ArDOT to develop short-range plans, programs and policies to expand and enhance its public transit services and system operations.
- 2) Public Transportation Facilities & Equipment: Rock Region METRO staff will coordinate and cooperate with Metroplan and ArDOT staff to carry out any inventories and short-range planning for Rock Region METRO's transit facilities and equipment, as needed. Rock Region METRO staff is primarily responsible for any inventories of Rock Region METRO facilities and equipment. ArDOT staff is primarily responsible for coordinating inventories of any other transit facilities and equipment in the CARTS area. Metroplan staff is primarily responsible for integrating the results of public transit inventories into the CARTS planning process.
- 3) Intermodal Facilities & Systems: ArDOT staff will coordinate and cooperate with MPO and Rock Region METRO staff to carry out inventories and short-range planning for public and private intermodal person and goods movement facilities and systems, as needed. ArDOT staff is assigned primary responsibility for any inventories of person and goods movement facilities and systems. Metroplan staff is primarily responsible for the modeling of truck trips, and for integrating the results of any intermodal inventories into the CARTS planning process.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Rock Region METRO	
1. Satisfactory progress in developing short-range plans to improve public transit system services and operations	Annual
2. Continue Rock Region METRO Comprehensive Implementation Stratagem:	Ongoing
a. Update inventories of public transit facilities and equipment	Annual
b. Intelligent Transportation System (ITS) data reporting	As Required
3. Satisfactory progress on Streetcar Strategic Study	2023
4. Transit Oriented Development Study	2023
5. Continue various neighborhood and community service route planning	Ongoing

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #42 Public Transportation, Goods Movement & Intermodal Planning, continued

6. Coordinate with any other public or private transit providers regarding transportation services for the urbanized area	Ongoing
7. Coordinate with human service agency transportation providers to implement and update the <i>Arkansas Statewide Transit Coordination Plan: 2012</i>	As Needed
8. Maintain ITS data to constantly improve/upgrade transit network	Ongoing
9. Review Transit ADA Standards and potential violations	Ongoing
ArDOT	
1. Continue modeling truck trips and short-range plans for intermodal person and goods movement facilities and systems in support of CARTS Travel Demand Model Update	Ongoing/As Needed
Metroplan	
1. Support the short-term planning activities of Rock Region METRO	Ongoing

Consultant Studies	Total Contract Amount	Estimated Expenditure	
		FY 2022	FY 2023
Phase 2 River Cities Travel Center TOD Design	\$500,000	\$100,000	\$400,000
Southwest Little Rock TOD Study	\$250,000	\$250,000	\$0
Little Rock Bus Rapid Transit Study	\$350,000	\$50,000	\$300,000
Conway Micro-transit Study	\$125,000	\$125,000	\$0

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #43 Facility Maintenance, Preservation & Enhancement Planning

Purpose:

- 1) Carry out inventories and short-range planning for pavement, bridge systems and other CARTS area transportation facilities.
- 2) Plan for corridor maintenance, preservation and enhancements.

Method:

- 1) **Pavement Management:** As needed, ArDOT and Metroplan staff will consult and coordinate to carry out pavement inventories and prepare short-range pavement improvement plans for federal-aid roadways in the CARTS Area. The focus of such inventories will be area freeways and regional arterials.
- 2) **Bridge Management:** ArDOT staff is responsible for inspecting all publicly owned bridges in the CARTS area and maintaining a bridge inventory. Special emphasis will be on freeway structures and identified "critical" bridges on regional arterials. Metroplan staff is primarily responsible for integrating the results of bridge inventories and analyses into the CARTS planning process (refer to Tasks #20 and #22), including regional performance measures.
- 3) **Highway-Railway Grade Separation Planning:** As needed, ArDOT staff with the assistance of Metroplan staff will conduct studies of at-grade highway rail crossings to consider upgrades to existing crossings equipment and possible grade separations.
- 4) **Other Facility Maintenance, Preservation & Enhancement Planning:** As needed, Metroplan, ArDOT, and Rock Region METRO staff will jointly coordinate and cooperate to investigate methods of standardizing financial and project related record keeping for transportation maintenance and capital expenditures, and any other short-range transportation corridor or facility maintenance, preservation or enhancement planning.

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
ArDOT	
1. Inventory, analysis, and performance reports of pavements on the state highway system	Ongoing
2. Inventory, analysis, and performance reports for all publicly owned bridges in the CARTS area	Ongoing
3. Conduct studies of at-grade highway rail crossings	As Needed
4. Develop standardized financial and project related record keeping of transportation maintenance and capital expenditures on the state highway system	Ongoing
5. Perform other facility maintenance, preservation and enhancement planning	As Needed

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #43 Facility Maintenance, Preservation & Enhancement Planning, continued

Metroplan	
1. Compile local governments' pavement inventories	When Provided
2. Integrate pavement inventories/analyses into the CARTS planning process (see Tasks #20 and #22), including regional performance measures	As Needed
3. Develop applicable regional performance measures, in coordination with ARDOT	Biennial
4. Identify corridors, facilities and rights-of-way (ROW) to be preserved	Ongoing
5. Coordinate analysis of any proposed transportation enhancements	As Needed
6. Perform other facility maintenance, preservation, and enhancement planning	As Needed
7. Coordinate meetings and activities for the Southwest Trail task force and the Arkansas River Trail task force	Ongoing
8. Manage social media accounts for the Southwest Trail and the Arkansas River Trail	Ongoing
Rock Region METRO	
1. Monitor and maintain standardized financial and project related record keeping of transportation maintenance and capital expenditures on the regional transit network	Ongoing
2. Perform other facility maintenance, preservation and enhancement planning	As Needed
3. Continue to implement Facilities Master Plan	Ongoing

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #44 Air Quality Planning & Public Awareness

Purpose:

- 1) Increase public awareness of local air quality concerns.
- 2) Provide for stakeholder involvement in air quality planning.
- 3) Conduct planning activities that lead to improved air quality for Central Arkansas.

Method:

Metroplan, ArDOT and Rock Region METRO staff will cooperatively participate in interagency air quality planning activities. ArDOT and Rock Region METRO staff will be primarily responsible for coordinating their own agency action plans in support of the Ozone Action Days program (OAD). The responsibilities of Metroplan, ArDOT, and Rock Region METRO staff for regional air quality (AQ) analysis and other AQ planning will be cooperatively determined as the need arises or as delineated in an interagency memorandum of agreement (MOA).

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Execution of the OAD awareness program for Central Arkansas	May-September
2. Develop 2022 & 2023 ozone season awareness plan	December
3. Monitor ambient air quality data, assist with regional emissions analyses, and coordinate preparations of any Metroplan conformity determination documents (see also Tasks #21 and #40)	As Required
ArDOT	
1. Support Ozone Action Days through ArDOT's activities	Ongoing
Rock Region METRO	
1. Support Ozone Action Days through Rock Region METRO activities	Ongoing

Consultant Studies	Total Contract Amount	Estimated Expenditure	
		FY 2022	FY 2023
Ozone Action Days	\$60,000 Annually	\$60,000	\$60,000

■ 44.24.00 SHORT-RANGE TRANSPORTATION PLANNING

Task #45 Intelligent Transportation Systems (ITS)

Purpose:

Refine and implement the CARTS ITS Plan in accordance with the regional ITS architecture, leading to improved efficiency and safety for the movement of people and goods throughout Central Arkansas.

Method:

Metroplan, ArDOT and Rock Region METRO staff will continue to refine and implement the CARTS ITS Plan, Incident Management Plan, and CARTS Freeway Management System Plan, consistent with federal requirements and the adopted LRMTTP (also see Task #20).

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Facilitate ITS-related meetings and training	As Needed
2. Coordinate with ArDOT on regional and state ITS initiatives	As Needed
3. Update regional ITS plan and architecture	Summer 2023
ArDOT	
1. Update the Central Arkansas Freeway Management System plan	Ongoing
2. Evaluate incident management strategies	Ongoing
Rock Region METRO	
1. Monitor and maintain ITS data	Ongoing
2. Evaluate and monitor annual service enhancement reporting	Ongoing

Consultant Studies	Total Contract Amount	Estimated Expenditure	
		FY 2022	FY 2023
Regional Operations and ITS Study	\$200,000	\$100,000	\$100,000

■ 44.25.00 TRANSPORTATION IMPROVEMENT PROGRAM

Task #50 TIP Development, Project Selection & Monitoring

Purpose:

- 1) Cooperatively develop and publish the CARTS 2023–2026 TIP.
- 2) Select TIP projects to be implemented (STP, HIP, TAP <200,000).
- 3) Revise policies and procedures for TIP development, as needed.
- 4) Monitor TIP implementation.
- 5) Prepare status reports on previously authorized TIP projects.

Method:

Metroplan, ArDOT, and Rock Region METRO staff will jointly consult and coordinate with each other and with the Metroplan Board and CARTS committees to develop the FY 2023-2026 TIP; monitor authorized TIP projects; revise as needed the CARTS policies and procedures for TIP development; and publish the Annual Listing of Obligated Projects (ALOP).

<i>Expected Results/Product:</i>	<i>Anticipated Completion Schedule:</i>
Metroplan	
1. Develop and adopt the FY 2023-2026 TIP	Summer 2022
2. Publish the ALOP	Annually December 31
ArDOT	
1. Coordinate TIP project proposals for the State Highway System	Ongoing
2. Provide estimates of Federal/State funds available for TIP projects	As Needed
3. Prepare Funds Management Reports on federal obligations	Quarterly
Rock Region METRO	
1. Coordinate transit TIP projects and amendments	As Needed

■ FISCAL YEAR 2022 & 2023 CARTS BUDGET

Fiscal Year 2022 & 2023 CARTS Staff Resources

Ten personnel among the three UPWP agencies are committed to full-time direct support of the tasks outlined in the FY 2022 & 2023 CARTS UPWP; another five-plus personnel are committed in part-time direct support. Additional personnel may be assigned to consultant-led work tasks.

At present, Metroplan has eight staff positions committed in direct support of the FY 2022 & 2023 UPWP. Metroplan planning staff is composed of the CARTS Study Director/Deputy Director, three transportation/community planners, one statistician-research planner, two GIS/policy analysts, and one graphics coordinator.

ArDOT commits three study coordinators, plus others as needed, in direct support of the CARTS UPWP.

Rock Region METRO's transit planner is committed to direct support of the CARTS UPWP. Additionally, the CFO and grants accountant, plus others as needed, devote a portion of their time in direct support of UPWP tasks.

Each UPWP agency is assigned primary responsibility for specific activities, as delineated in the task descriptions; inter-agency working groups are employed to accomplish specific UPWP activities. For example, ArDOT and Metroplan jointly maintain and utilize the travel demand and forecast models for the CARTS Area.

The CARTS Study Director/Metroplan Deputy Director is responsible for overall program support and administration of Metroplan's work program tasks, as well as for interagency coordination with the other UPWP Agencies. Although Metroplan staff often form working groups and share in the performance of work program activities, each staff person dedicated to direct support of the work program is charged with primary responsibility for accomplishing specific tasks or subtasks. For example, one transportation planner is mainly responsible for providing staff support for TCC meetings and TIP development.

TABLE 2. SUMMARY OF FY 2022 & 2023 CARTS STAFF RESOURCES

CARTS Agency	Direct Support Full -Time	Direct Support Part -Time	Indirect Support Full -Time
Metroplan	8	1	4
ArDOT	1	2+	As needed
Rock Region Metro	1	2	0
CARTS Total	10	5+	4

UPWP FY 2022 & 2023

Table 3 summarizes overall federal and local revenues budgeted by Metroplan, ArDOT and Rock Region METRO in FY 2022. Federal funds budgeted constitute 80 percent of the total; State and local matching funds constitute 20 percent, unless overmatched.

TABLE 3. SUMMARY OF FY 2022 CARTS UPWP BUDGET*

CARTS Agency	Federal	Local	Total
Metroplan	\$1,668,000	\$417,000	\$2,085,000
ArDOT	\$400,000	\$100,000	\$500,000
Rock Region METRO	\$700,000	\$175,000	\$875,000
CARTS Total	\$2,768,000	\$692,000	\$3,460,000

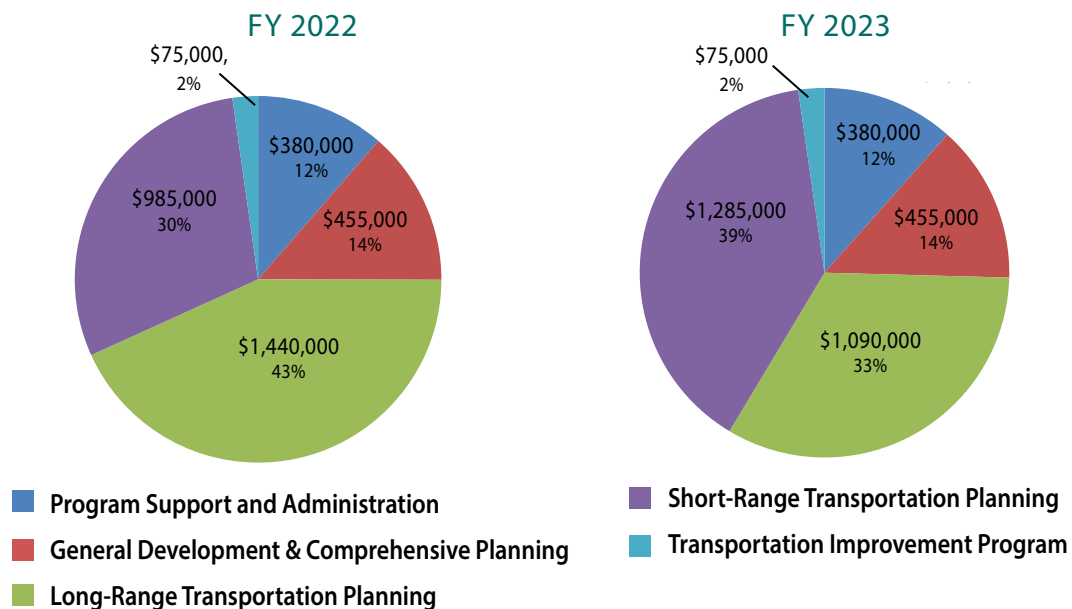
*Subject to change based upon final planning figures

TABLE 4. SUMMARY OF FY 2023 CARTS UPWP BUDGET*

CARTS Agency	Federal	Local	Total
Metroplan	\$1,348,000	\$337,000	\$1,685,000
ArDOT	\$440,000	\$110,000	\$550,000
Rock Region METRO	\$840,000	\$210,000	\$1,050,000
CARTS Total	\$2,628,000	\$657,000	\$3,285,000

*Subject to change based upon final planning figures

FIGURE 3. TOTAL CARTS BUDGET BY TASK



On the following pages, **Tables 5 and 6** detail expenditures budgeted by Metroplan, ArDOT and Rock Region METRO, on CARTS planning projects or tasks described in this UPWP. For each planning project, total expenditures by each CARTS agency, type of fund, and federal/local matching amounts are identified.

TABLE 5. FY 2022 CARTS UPWP BUDGET

Central Arkansas Regional Transportation Study - Unified Table 4 - FY 2020 Project Task Budget				Metropolitan Work Program ¹			Rock Region METRO Program			Work			ARDOT Work Program			Total CARTS Work Program All Funding Sources		
CODE	TASK	ACTIVITY	TOTAL	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total
44.21.00	Program Support and Administration	1. Work Program Development & Administration	160,000	160,000	40,000	200,000	120,000	30,000	150,000	24,000	6,000	30,000	304,000	76,000	380,000			
		2. Public Information & Citizen Participation																
44.22.00	General Development & Comprehensive Plann	10. Technical Assistance to Local Governments	360,000	360,000	90,000	450,000				4,000	1,000	5,000	364,000	91,000	455,000			
		11. Geographical Information System, Graphics & Mapping																
		12. Land Use/Socioeconomic Data Development & Forecasting																
44.23.01	Long-Range Transportation Planning	20. Metropolitan Transportation Plan	872,000	872,000	218,000	1,090,000				280,000	70,000	350,000	1,152,000	288,000	1,440,000			
		21. Travel Demand Modeling & Analysis																
		22. Strategic Regional Network	260,000	260,000	65,000	325,000												
		23. Sustainable Transportation Strategies																
		24. Major Transportation Investment	80,000	80,000	20,000	100,000				20,000	80,000	100,000						
		Corridor Studies (Consultants)	160,000	160,000	40,000	200,000												
		Little Rock Port Southloop Study																
44.24.00	Short-Range Transportation Planning	40. Traffic Monitoring & Analysis of Existing Conditions	228,000	228,000	57,000	285,000	580,000	145,000	725,000	80,000	20,000	100,000	888,000	222,000	1,110,000			
		41. Traffic Congestion & Safety Planning																
		42. Public Transportation, Goods Movement & Intermodal Planning					80,000	20,000	100,000									
		River Centers TOD Study (Phase 2))					200,000	50,000	250,000									
		SW Little Rock TOD Study					40,000	10,000	50,000									
		Little Rock Bus Rapid Transit Study					100,000	25,000	125,000									
		Conway Microtransit Study																
		43. Facility Maintenance, Preservation & Enhancement Planning																
		44. Air Quality Planning & Public Awareness	48,000	48,000	12,000	60,000												
		Ozone Awareness																
		45. Intelligent Transportation Systems	80,000	80,000	20,000	100,000												
		Operations Study/ITS																
44.25.00	Transportation Improvement Program	48,000	48,000	12,000	60,000					12,000	3,000	15,000	60,000	15,000	75,000			
		50. TIP Development, Project Selection & Surveillance	1,668,000	1,668,000	417,000	2,085,000	700,000	175,000	875,000	400,000	100,000	500,000	2,768,000	692,000	3,460,000			
		TOTAL																
CONSULETANT-LED STUDIES ARE IN ITALICS																		
¹ Metropolitan Work Program Reflects FTA 5303, FHWA PL and STP Funds																		
² Up to \$100,000 (\$80,000 federal, \$20,000 local) may be flexed for STP to CARTS Planning to support staff																		

TABLE 6. FY 2023 CARTS UPWP BUDGET

Central Arkansas Regional Transportation Study - Unified			Metropolitan Work Program ¹			Rock Region METRO Program			Work			ARDOT Work Program			Total CARTS Work Program		
Table 4 - FY 2020 Project Task Budget			TOTAL														
CODE	TASK	ACTIVITY	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total
44.21.00	Program Support and Administration	1. Work Program Development & Administration 2. Public Information & Citizen Participation	160,000	40,000	200,000	120,000	30,000	150,000				24,000	6,000	30,000	304,000	76,000	380,000
44.22.00	General Development & Comprehensive Planning	10. Technical Assistance to Local Governments 11. Geographical Information System, Graphics & Mapping 12. Land Use/Socioeconomic Data Development & Forecasting	360,000	90,000	450,000				4,000	1,000	5,000				364,000	91,000	455,000
44.23.01	Long-Range Transportation Planning	20. Metropolitan Transportation Plan 21. Travel Demand Modeling & Analysis 22. Strategic Regional Network <i>Regional Bikeways Plan</i> 23. Sustainable Transportation Strategies 24. Major Transportation Investment <i>Corridor Studies (Consultants)</i>	552,000	138,000	690,000				320,000	80,000	400,000				872,000	218,000	1,090,000
44.24.00	Short-Range Transportation Planning	40. Traffic Monitoring & Analysis of Existing Conditions 41. Traffic Congestion & Safety Planning 42. Public Transportation, Goods Movement & Intermodal Planning <i>River Centers TOD Study (Phase 2)</i> <i>Little Rock Bus Rapid Transit Study</i> 43. Facility Maintenance, Preservation & Enhancement Planning 44. Air Quality Planning & Public Awareness <i>Ozone Awareness</i> 45. Intelligent Transportation Systems <i>Operations Study/ITS</i>	228,000	57,000	285,000	720,000	180,000	900,000	80,000	20,000	100,000				1,028,000	257,000	1,285,000
44.25.00	Transportation Improvement Program	50. TIP Development, Project Selection & Surveillance	48,000	12,000	60,000				12,000	3,000	15,000				60,000	15,000	75,000
TOTAL			1,348,000	337,000	1,685,000	840,000	210,000	1,050,000	440,000	110,000	550,000				2,628,000	657,000	3,285,000
CONSULTANT-LED STUDIES ARE IN ITALICS																	
¹ Metropolitan Work Program Reflects FTA 5303, FHWA PL and STP Funds																	
² Up to \$100,000 (\$80,000 federal, \$20,000 local) may be flexed for STP to CARTS Planning to support staff																	

TABLE 7. GLOSSARY OF ACRONYMS USED IN THIS DOCUMENT

ArDOT	Arkansas Department of Transportation
ALOP	Annual Listing of Obligated Projects
ASCT	Adaptive Signal Control Technology
AULP	Agreed Upon List of Projects
CARTS	Central Arkansas Regional Transportation Study
CMP	Congestion Management Process
FAST Act	Fixing America's Surface Transportation Act
FFY	Federal Fiscal Year (October 1 - September 30)
GIS	Geographic Information Systems
HPMS	Highway Performance and Monitoring System
ITS	Intelligent Transportation System
LAN	Local Area Network
LRMTP	Long Range Metropolitan Transportation Plan
MAP-21	Moving America for Progress in the 21 st Century
MIS	Major Investment Study
MOA	Memorandum of Agreement
MPO	Metropolitan planning organization
MSA	Metropolitan Statistical Area
OAD	Ozone Action Days
RAN	Regional Arterial Network
ROW	right-of-way
RPAC	Regional Planning Advisory Council
TAM	Transit Asset Management
TCC	Technical Coordinating Committee
TIP	Transportation Improvement Program
TMC	Transportation Management Area
UPWP	Unified Planning Work Program



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