

2025 Unified Planning Work Program

MAG MPO UPWP July 2024 - June 2025



MAG

Expert Resources. Enriching Lives.

MAG Metropolitan Planning Organization (MPO), part of MAG Association of Governments (MAG), Unified Planning Work Program Fiscal Year 2025 (July 2024 - June 2025)

Prepared by MAG, in cooperation with: United States Department of Transportation, Utah Department of Transportation (UDOT), Utah Department of Environmental Quality (UDEQ), Utah Transit Authority (UTA), and the MPO member jurisdictions:

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Public Review and Comment

The Metropolitan Planning Organization (MPO) has prepared the Unified Planning Work Program (UPWP) for the fiscal year 2025. The UPWP outlines the transportation planning activities that the MPO, UDOT, and UTA staff will conduct in the MPO area, which is urban Utah County. Federal transportation planning funds provide the revenues for these planning activities through the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), along with state and local funding.

The public is invited to review and comment on the UPWP document during the official public comment period. The comment period will run from Thursday, May 23, 2024, until the close of business day on Thursday, June 6, 2024. However, comments and questions are always welcomed, even outside the comment period.

If you would like to give your comments or ask questions, you can do so by:

- Mail: UPWP Comments, Attn. Kendall Willardson, 586 East 800 North, Orem, UT 84097
- Email: kwillardson@mountainland.org
- Website: www.magutah.org/workprogram
- Phone: 801-229-3800

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INTRODUCTION

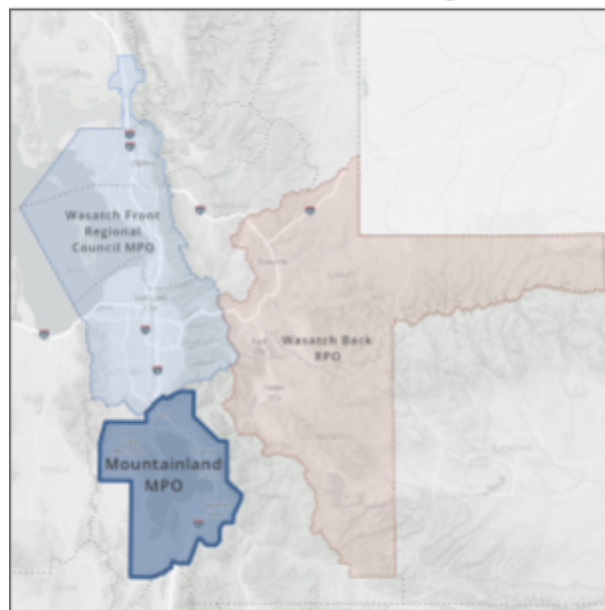
The Unified Planning Work Program

The Unified Planning Work Program (UPWP) is a yearly report outlining the MAG Metropolitan Planning Organization (MPO) planning activities. The planned tasks herein are conducted by the MPO staff, the Utah Department of Transportation (UDOT), and the Utah Transit Authority (UTA). The UPWP summarizes the work planned for the upcoming year, including the budget and funding sources.

The MPO utilizes a Consolidated Planning Grant (CPG) to consolidate its annual planning funds from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). UDOT administers the grant, which provides flexibility in funding and enables the MPO to carry projects and programs forward between fiscal years. Local and state sources are also used to cover required federal matching funds and fully finance the MPO program. The UPWP for 2025 matches the budget cycle of the Mountainland Association of Governments (MAG) and will run from July 1, 2024, to June 30, 2025. The MPO is a part of the MAG, which is the Association of Governments for Summit, Utah, and Wasatch counties. The MPO consists of 10.5 full-time staff and is required to submit the UPWP to receive federal funds.

The MPO is the federally designated MPO for the Provo/Orem Urbanized Area, and its decision-making authority lies with the MPO Board. The Board includes voting members from all MPO member jurisdictions, UDOT, UTA, and the Utah Department of Environmental Quality. The Utah County Commission has three votes. The city of Bluffdale and Camp Williams are non-voting members of the MPO Board. The MPO Technical Advisory Committee (TAC) is comprised of city, county, UDOT, and UTA staff. The TAC reviews and makes recommendations to the MPO Board.

MAG MPO and Wasatch Region



Federal Requirements

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

Metropolitan Planning Factors

The 2021 Infrastructure Investment and Jobs Act continues the principles of integrated planning first outlined in 1992 with the Intermodal Surface Transportation Efficiency Act. Under the IIJA, MPOs must consider ten (10) planning factors when developing transportation plans and programs. Development of the FY2025 UPWP is guided by regulations requiring the MPO planning process to assess 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)).

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 stormwater impacts of surface transportation; and
10. Enhance travel and tourism.

PROJECT TASK DESCRIPTIONS

The MPO planning activities are divided into five major planning areas taken from the Federal Transit Act, Section 5303, Metropolitan Planning Program grant categories:

- 44.21.00 Program Support & Administration
- 44.22.00 General Development & Comprehensive Planning
- 44.23.00 Long-Range Transportation Planning
- 44.24.00 Short-Range Transportation Planning
- 44.25.00 Transportation Improvement Program

The UPWP grant categories remain constant, even though the tasks may vary from year to year. Additionally, some costs for staffing and studies funded by the state are listed for informational purposes.

The tasks are outlined in detail on the following pages, including their purpose, the agency or agencies responsible for executing the work, and the expected outcomes. Page 8 contains a table listing all the 2025 work program tasks, a summary of each metropolitan planning factor to task, and the total amount budgeted for each project. For more information on each task's specifics, schedules, and responsibilities, please refer to the Detailed Task Descriptions on page 10.

Staff Resources

The following text describes the personnel commitments of the three UPWP agencies in support of the FY 2025 UPWP. Twelve personnel from these agencies are dedicated to direct support of the outlined tasks, with an additional 3+ personnel committed to part-time direct support. More personnel could be assigned to consultant-led work tasks.

The MPO has 11 staff positions committed to directly supporting the FY 2025 UPWP. The MPO planning staff includes the MPO Director, a department executive assistant, four full-time and one part-time transportation/community planners, one traffic engineer, two data analysts, and one GIS analyst.

Both UDOT and UTA provide direct support to the MPO UPWP. Each UPWP agency has primary responsibility for specific activities as defined in the task descriptions. Interagency working groups are used to complete specific UPWP activities.

The MPO Director is responsible for overall program support and administration of the MPO work program tasks and interagency coordination with the other UPWP Agencies. Although MPO 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 assigned primary responsibility for completing specific tasks or subtasks.

Staff Revenue and Expenditures

Funding sources for MPO planning activities (less studies) include federal transit (FTA 5303) and highway (PL) funding sources, which are combined into a Consolidated Planning Grant (CPG) and administered by UDOT. MPO Exchange and local jurisdiction funds supply a required local match on federal funding. Additional MPO and state funding are used to cover MPO's planning activities in the MPO. Total revenues and expenditures, including studies are shown page 38.

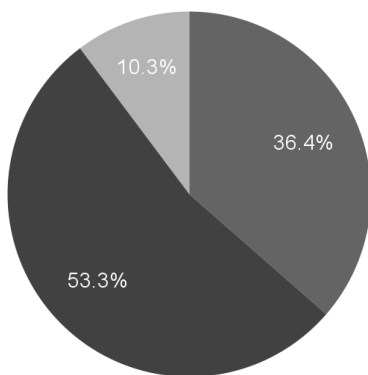
MPO Planned Revenues

Revenue Source	Funding Sub-categories	Total
Federal Funding	CPG (FHWA-PL, FTA-5303)	\$1,537,407
State Funding	PTIF/Exchange, TPA, PDM, RPO	\$2,251,187
Local Funding	JCA, Local match	\$433,772
Total Revenue		\$4,222,366

MPO Planned Expenditures

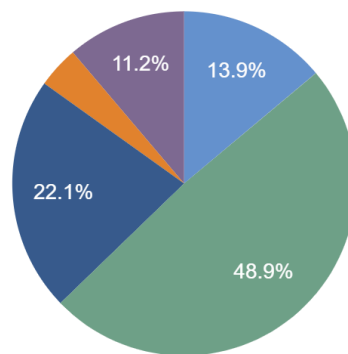
Budget Category	Total
44.21.00 Program Support & Administration	\$587,460
44.22.00 General Development & Comprehensive Planning	\$2,063,452
44.23.00 Long-Range Transportation Planning	\$932,592
44.24.00 Short-Range Transportation Planning	\$165,223
44.25.00 Transportation Improvement Program	\$473,639
Total Expenditures	\$4,222,366

Revenues



- Federal Funding
- State Funding
- Local Funding

Expenditures by Budget Category



- 44.21.00 Program Support & Administration
- 44.22.00 General & Comprehensive Planning
- 44.23.00 Long-Range Planning
- 44.24.00 Short-Range Planning
- 44.25.00 Transportation Improvement Program

UPWP TASKS BY FTA GRANT CATEGORIES | PLANNED COSTS BY CATEGORY

FTA#		FTA Category	Federal Planning Factors Applicability										Total
Task#	MPO Task	1	2	3	4	5	6	7	8	9	10		
#44.21.00		PROGRAM SUPPORT & ADMINISTRATION										\$587,460	
21.01	Work Program Development & MPO Administration	X	X	X	X	X	X	X	X	X	X		
21.02	Public Information, Public & Stakeholder Participation	X	X	X	X	X	X	X	X	X	X		
#44.22.00		GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING										\$2,063,932	
22.01	Land Use/Socioeconomic Data Development & Travel Demand Modeling	X	X	X	X	X	X	X	X	X	X		
22.02	Geographic Information Systems, Graphics & Mapping	X	X	X	X	X	X	X	X	X	X		
22.03	Air Quality Conformity Planning Work	X				X							
22.04	Technical Assistance to Local Governments	X	X	X	X	X	X			X	X		
22.05	Pre-Disaster Mitigation	X	X	X	X	X	X			X	X		
22.06	Wasatch Back Rural Planning Organization	X	X	X	X	X	X			X	X		
#44.23.00		LONG-RANGE TRANSPORTATION PLANNING										\$932,592	
23.01	Development/Implementation of Regional Goals & Federal Requirements	X	X	X	X	X	X	X	X	X	X		
23.02	Wasatch Choice Vision Work	X			X	X	X			X			
23.03	Regional Transportation Plan Development	X	X	X	X	X	X	X	X	X	X		
23.04	Corridor Preservation Program	X			X	X	X			X			
#44.24.00		SHORT-RANGE TRANSPORTATION PLANNING										\$165,223	
24.01	Congestion Management & Analysis of Existing Conditions	X	X		X	X	X	X	X	X			
24.02	Study Management	X	X	X	X	X	X	X	X	X	X		
24.03	Safety Planning Work	X	X	X	X		X	X					
24.04	Performance Measures Work	X	X	X	X	X	X	X	X	X			
#44.25.00		TRANSPORTATION IMPROVEMENT PROGRAM										\$473,639	
25.01	TIP Development	X	X	X	X	X	X	X	X	X	X		
25.02	TIP Project Selection	X	X	X	X	X	X	X	X	X	X		
25.03	TIP Project Management	X	X	X	X	X	X	X	X	X	X		

UPWP TIME ESTIMATES BY POSITION BY PROGRAM

Position	#44.21.00	#44.22.00	#44.23.00	#44.24.00	#44.25.00
	PROGRAM SUPPORT & ADMINISTRATION	GENERAL DEVELOPMENT & COMPREHENSIVE PLANNING	LONG-RANGE TRANSPORTATION PLANNING	SHORT-RANGE TRANSPORTATION PLANNING	TRANSPORTATION IMPROVEMENT PROGRAM
MPO Director	30%	7%	63%		
Transportation Manager	15%	1%	55%		29%
Community Planning Manager		100%			
Analytics Manager	15%	85%			
Executive Assistant	95%	5%			
Senior Transportation Planner		15%	15%	20%	50%
Trail Planner		100%			
Grants Writer		100%			
Transportation Planner I	5%		85%	10%	
Transportation Project Manager		1%	34%	15%	50%
Senior GIS Analyst		100%			
Transportation Modeler		100%			
GIS Intern		100%			
Planner 1/Air Quality Analyst		96%	4%		

DETAILED TASK DESCRIPTIONS

44.21.00 | Program Support & Administration

Task 21.01 | Work Program Development & MPO Administration

Task 21.02 | Public Information, Public & Stakeholder Participation

Task #21.01

Work Program Development & MPO Administration

Purpose:

- 1) Develop and implement the Unified Planning Work Program (UPWP).
- 2) Manage the activities of the Metropolitan Planning Organization (MPO).
- 3) Provide support for MPO and subcommittee meetings.
- 4) Conduct education and training activities for the MPO and the public.

Details:

The MPO, UDOT, and UTA staff will work together to develop and manage the UPWP (Unified Planning Work Program). They will also coordinate MPO planning activities and committee meetings in compliance with UPWP funding agencies. The administrative staff at the MPO will support and manage the MPO staff's work. UDOT staff is primarily responsible for coordinating the MPO planning process with the statewide planning process. In contrast, UTA staff is primarily responsible for coordinating transit planning activities with the MPO and UDOT planning processes. The MPO staff will attend both virtual and in-person educational and training events.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Administer 2025 UPWP	Ongoing
2. Prepare and publish the MPO FY2026 UPWP	May/June 2025
3. Schedule/facilitate MPO committees and sub-committees	As Needed
4. Conduct/attend education and training activities	As Needed
5. Administration of MPO finances, HR, and managerial work	Summer 2024
UDOT	
1. Coordinate UDOT's planning process within the MPO	Ongoing
UTA	
1. Coordinate UTA's planning process within the MPO	Ongoing

Task #21.02
Public Information, Public & Stakeholder Participation

Purpose:

- 1) Disseminate public information regarding MPO activities and current issues in metropolitan transportation planning.
- 2) Update MPO Public Participation Plan and Title VI Program.
- 3) Encourage and document citizen participation in developing MPO transportation plans, programs, and policies via the approved MPO Public Participation Plan.

Details:

The MPO, UDOT, and UTA staff will work together to share public information, encourage the participation of citizens (including low-income and minority households, through the Executive Order on Environmental Justice), consult with interested parties such as the Wasatch Choice Community Advisory Committee, and facilitate and document public involvement in the MPO planning process. UDOT and UTA staff are primarily responsible for gathering public feedback regarding their planning activities, which align with their public participation policies.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Implement and document public information and citizen participation	Ongoing
2. Update MPO Public Participation Plan and Title VI Program	November 2024
3. Maintain MPO website (www.mountainland.org)	As Needed
4. Work to integrate MPO and AOG public participation processes.	Ongoing
UDOT	
1. Solicit public input for UDOT planning activities within the MPO	As Needed
UTA	
1. Solicit public input for UTA planning activities within the MPO	As Needed

44.22.00 | General Development & Comprehensive Planning

- Task 22.01 | Land Use/Socioeconomic Data Development & Travel Demand Modeling
- Task 22.02 | Geographic Information Systems, Graphics & Mapping
- Task 22.03 | Air Quality Conformity & Planning Work
- Task 22.04 | Technical Assistance to Local Governments
- Task 22.05 | Pre-Disaster Mitigation
- Task 22.06 | Wasatch Back Rural Planning Organization

Task #22.01

Land Use/Socioeconomic Data Development & Travel Demand Modeling

Purpose:

- 1) Provide the RTP planning process with data analysis of regional economic and demographic trends, population and employment forecasts, and traffic forecasts.
- 2) Further develop the MPO data website.
- 3) Provide timely and reliable information characterizing the MPO area's land use, socioeconomic conditions, traffic, and trends.
- 4) Simulate existing and future travel demand, effectively model, analyze, and document multi-modal transportation networks, and estimate on-road motor vehicle emissions.
- 5) Incorporate data from the 2023 local statewide household travel survey, the 2023 county Accessor, and the 2020 Census into the land use and travel model, provide travel demand, congestion, delay, and other data to assist studies of proposed transportation projects.

Details:

The MPO staff will work with MPO committees and data providers to gather, create, manage, analyze, and document land use and socio-economic data. They will provide data support, coordinate with other UPWP activities, and prepare technical reports and analyses as needed. In this UPWP cycle, the MPO staff will primarily focus on developing land use and travel models, creating socio-economic projections, and aiding RTP project development.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Develop, analyze, maintain, and document land use and socio-economic data characterizing MPO area conditions and trends	Ongoing

2. Develop and refine socio-economic data for use in the MPOS and statewide travel demand models	Ongoing
3. Incorporate 2020 Census Results into socioeconomic data and land use planning	As Available
4. Develop 2050 demographic projections for RTP update work	Winter 2025
5. Publish quarterly new data and mapping products	Quarterly
6. Provide support for other UPWP tasks	Ongoing
7. Data collection and development of land use and travel model for vision work, project development, and messaging	Ongoing
8. Update REMM land use model and travel demand model with adopted Wasatch Choice Scenario data and any new applicable data	Spring 2025
9. Utilize MPO land use and travel models and other plans and data to demonstrate project needs for new-capacity, safety, operational, and equity focus area projects	Spring 2025
10. Maintain and implement the MPO Travel Demand Model	Ongoing
11. Oversee the consultant's use of the MPO Travel Demand Model	Ongoing
12. Provide forecasts for regional studies	Ongoing
13. Incorporate results of the 2020 Census into MPO land use and travel models	Fall 2025
UDOT	
1. Assist with the maintenance/implementation of the MPO Travel Demand Model	Ongoing
2. Work with MAG staff to maintain the Summit/Wasatch travel demand model.	Ongoing
3. Begin collection and refinement of socio-economic data in anticipation of 2027 UDOT LRP and MAG RTP processes.	Ongoing
UTA	
1. Provide route modification suggestions for incorporation into the travel demand model	Ongoing

Task #22.02

Geographic Information Systems, Graphics & Mapping

- Purpose:
- 1) Create up-to-date and innovative data, maps, and applications to support MAG and its member local governments.
 - 2) Improve access to and usability of MAG’s products, including data, maps, and models.

- 3) Collaborate with partner agencies to contribute to shared projects, objectives, and visions, improving credibility and trust.

Details:

MPO staff will provide GIS resources to support the RTP, TIP, TAG Program, Station Area Planning (SAP) Program, website messaging, and other planning and mapping activities at MAG. These may be in the form of interactive maps, static maps, dashboard visualizations, and web services. Leveraging relationships with partners such as WFRC, UDOT, UTA, cities, counties, and consultants will improve the effectiveness and trust of these GIS products.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Gather and produce data in preparation for the 2027 long-range plans.	Summer 2026
2. Communicate MAG’s model update efforts to our communities and the general public using data, maps, and applications, as appropriate.	Ongoing
3. Produce and analyze data to support the Wasatch Choice Vision.	Ongoing
4. Rebuild the Analytics page of the MAG website, streamlining the information with desired data and map resources.	Summer 2024
5. Proactively maintain the MAG Data Portal and MAG Map Gallery with current, authoritative data.	Ongoing
6. Modernize MAG’s GIS by transitioning from ArcGIS Server to ArcGIS Online.	Spring 2025
7. Publicize accomplishments using information cards, MAG newsletters, social media, conference presentations, and other methods.	Ongoing
8. Build relationships and work closely with any agency with which we have intertwined processes.	Ongoing
9. Create a process of frequent interactions with the communities for data review and feedback.	Ongoing
UDOT	
1. Work with MAG and other MPOs in creating and updating Unified Plan GIS information	Ongoing
UTA	
1. Work with MAG in creating maps and graphics for transit projects	Ongoing

Task #22.03

Air Quality Conformity & Planning Work

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 the MPO area.
- 4) Make conformity determinations for updates and amendments to the RTP and TIP.

Details:

The MPO, UDOT, and UTA staff will collaborate to plan air quality improvement activities. UDOT and UTA staff will be accountable for managing their own agency's action plans. The roles and responsibilities of MPO, UDOT, and UTA staff concerning regional air quality analysis and other air quality planning will be determined as needed or defined in an interagency memorandum of agreement (MOA).

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Cooperate with the State in creating emissions inventories	As Needed
2. Assist with regional emissions analyses and coordinate preparations of any MPO air quality plans or documents	Ongoing
3. Collaborate with the interagency consultation team for statewide air quality	Quarterly
4. Make conformity determinations, using the travel model and EPA model, on updates and amendments to the RTP and TIP	As Needed
5. Participate in committees and events that support air quality improvements	Monthly
UDOT	
1. Support air quality conformity work	Ongoing
2. Participate on Interagency Consultation Team	Ongoing
3. Support MAG's efforts on efforts that support air quality improvements	Ongoing
UTA	
1. Support air quality conformity work	Ongoing

Task #22.04

Technical Assistance to Local Governments

Purpose:

- 1) Assist local governments with planning, policy, and project development activities needed to inform the comprehensively planned development of the MPO area and the Regional Transportation Plan.
- 2) Assist in bringing local plans, regulations, and ordinances into conformity with the long-range regional transportation plan.
- 3) Provide ongoing technical assistance to member jurisdictions to aid local planning efforts in coordination with transportation.

Details:

MAG provides technical assistance to member local governments for local planning activities that inform the comprehensively planned development of the MPO area and support the implementation of the Regional Transportation Plan. These activities are administered through the Technical Assistance to Governments (TAG) program, which solicits applications on an annual basis to carry out plans and studies that coordinate transportation and land use. Federal funding is combined with state and local partners' contributions to fully fund TAG projects. State contributions entirely finance MAG staff time for program administration, while federal, state, and local funds are used exclusively for technical assistance projects led by consultants.

The MPO has a Station Area Planning program required by state law to aid local governments in satisfying planning requirements around transit stations. Consistent with statewide planning priorities, UDOT and UTA staff may also provide planning assistance to local governments in MPO areas.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Provide mapping and other technical assistance to MPO 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	As Requested
4. Aid in the development of general plans, master street plans, land use plans, active transportation plans, public transit service plans, and other community facility plans	As Requested
5. Other MPO area local government planning activities	As Requested
6. Administer the MAG Technical Assistance to Local Governments program	

7. Conduct project selection process for the TAG Program (5-10 local plans and studies per year)	December 2024
8. Administered MAG Station Area Planning program	
9. Collect socio-economic data for land use and travel model work, create projections	
10. Create and run land use and travel model scenarios for RTP and TIP project development and for air quality conformity analysis	
11. Manage the Pre-Disaster Mitigation Plan to FEMA standards to keep cities eligible for FEMA mitigation and recovery grants. Planning is paid for by FEMA BRIC planning grants and with local matches through the annual Jurisdictional Assessment (\$80,000 total)	Ongoing/Sep 2026 Update
UDOT	
1. Provide funding and collaboration on process and projects funded through the TAG program.	Ongoing/As Requested
2. Participate in studies and technical analysis where appropriate	Ongoing/As Requested
UTA	
1. Collaborate on development and management of a regional GIS data in support of regional transportation planning functions	Ongoing/As Requested

Task #22.05

Pre-Disaster Mitigation

Purpose:

- 1) Assist local governments with updating their portions of Pre-Disaster Mitigation Plan.
- 2) Facilitate online and inperson meetings and workshops.
- 3) Produce updated plan.

Details:

MAG, at the request of the local jurisdictions in Summit, Utah, and Wasatch counties, has created a plan that helps those participating access disaster funding, both before and after a disaster occurs. Mitigation reduces or prevents the damage caused by natural disasters such as earthquakes and wildfires. It involves actions taken before a disaster occurs rather than during disaster response. Participation in this plan makes jurisdictions and organizations eligible to apply for FEMA grants and receive post-disaster funds. Work on the next update of the plan for Wasatch and Utah counties will begin this planning cycle. This work is paid for by FEMA BRIC planning grants and with local matches through the annual Jurisdictional Assessment.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Manage the Pre-Disaster Mitigation Plan to FEMA standards to keep cities eligible for FEMA mitigation and recovery grants	Ongoing/Sep 2026 Update
2. Conduct outreach with online and inperson meetings	Ongoing/Sep 2026 Update
3. Compile and obtain FEMA approval for updated plan	Sept 2026

Task #22.06
Wasatch Back Rural Planning Organization

Purpose:

- 1) Prepare a new Regional Transportation Plan (RTP) for adoption in Spring of 2027.
- 2) Coordinate Regional Transit Study.
- 3) Conduct trail planning work.
- 4) Conduct grant writing work.
- 5) Facilitate RPO committee meetings..

Details:

MAG is the Rural Planning Organization (RPO) for the Wasatch Back area including Summit and Wasatch counties. An RPO is formed to give rural transportation decision makers and citizens a voice in the regional transportation planning process. Our work focuses on coordinating transportation planning, land-use planning, and studies in cooperation with the local communities, UDOT, and the local transit operators. The RPO will update the Regional Transportation Plan (RTP) this planning cycle. Trail planning and grant writing are done on a limited basis for some cities within Wasatch County, with discussion to have these capabilities RPO wide.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Update the RPO RTP	Spring 2027
2. Conduct a Regional Transit Study	Spring 2025
3. Conduct trail planning work for Wasatch County with discussion of expanding the work into Summit County	Ongoing
4. Conduct grant writing work for Heber City, Midway, and Wasatch with discussion of expanding the work RPO wide	Ongoing

44.23.00 | Long-Range Transportation Planning

- Task 23.01 | Development And Implementation Of Regional Goals & Federal Requirements
- Task 23.02 | Wasatch Choice Vision Work
- Task 23.03 | Regional Transportation Plan Development
- Task 23.04 | Corridor Preservation Program

Task #23.01

Development And Implementation Of Regional Goals & Federal Requirements

Purpose:

- 1) To create guidance, MPO member jurisdiction support, and set regional policy to advise the development of the Regional Transportation Plan and long-range planning process.
- 2) Adhere to federal requirements to direct the 2027 Regional Transportation Plan and guide the long-range planning process.

Details:

For this UPWP cycle, MPO staff will focus on regional policy-making to create RTP goals and objectives and to create an MPO stakeholder agreement to guide the RTP project development. The MPO will work with its committees to ensure the RTP goals and processes align with federal and state requirements.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Review federal requirements and outline adjustments needed to gain RTP compliance	Fall 2024
2. Work with MPO committees to develop RTP goals and objectives and gain committee adoption	Fall 2024
3. Create visualizations to be used to show how proposed projects align with approved goals	Ongoing
UDOT	
1. Support MPO in goal work	Ongoing
2. Coordinate with MAG on federal performance measure target setting and reporting	Ongoing
3. Work with MAG to understand new or pending performance measure requirements	Ongoing
UTA	
1. Support MPO in goal work	Ongoing

Task #23.02

Wasatch Choice Vision Work

Purpose:

- 1) Focus on creating buy-in and adoption of the Wasatch Choice Vision for Utah County.
- 2) Wasatch Choice Vision work will help local jurisdictions plan for a more centered approach and will be used to inform the RTP process for land use and project development.
- 3) Strengthen coordination of planning activities with our adjacent MPO, Wasatch Front Regional Council, and guide conversations with other state agencies.

Details:

Wasatch Choice Vision is a shared regional vision that coordinates the planning of transportation, land use, economic opportunity, and parks and public spaces to maintain and enhance our quality of life. It was created for the two metropolitan planning organizations in the Wasatch Front Region which extends from southern Box Elder County south to Utah County. It was created in 2007 in partnership with MAG, WFRC, UDOT, UTA, cities, counties, ULCT, UAC, the Chambers of Commerce, and other interested stakeholders. The MPO plans to hire a consultant firm to assist in creating an updated Wasatch Choice Vision to better engage member cities and counties, key partners and stakeholders, and the public and effectively use the feedback from the outreach and engagement to update the Utah County portion of the Vision while still maintaining the overall framework of the Vision This work will involve updating land use and growth assumptions, and communication tools along with creating strategies and objectives, scenario development, and integration into the RTP. The work will aid in developing RTP projects until 2050 and create a vision beyond that. By aligning our planning work with Wasatch Choice, we strengthen our vision and collaboration with WFRC and other partners along the Wasatch Front. The plan includes several stakeholder and public engagement meetings, both in-person and web-based.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. MPO staff meet with WFRC and other partners to understand the existing Vision and what makes up the vision (land use and transportation), ensure an understanding of the Vision framework, and coordinate messaging	Summer 2024
2. Present existing Vision to key partners, stakeholders, and the public, share existing land use from general plans, give staff recommendations, and seek input	Fall 2024
3. Use current plans and feedback garnered in meetings and online to develop draft growth scenarios and strategies and report back to committees/stakeholders	Fall 2024

4. Review work from engagement opportunities, strategies developed, and scenario outcomes, and give final recommendations	Fall 2024
5. Gain MPO committee approval, share the updated vision based on community and partner feedback, and update current messaging tools of Wasatch Choice Vision to engage communities and partners, etc., integrate with RTP	Winter 2024
UDOT	
1. Support MPO vision work	Ongoing
UTA	
1. Support MPO in vision work	Ongoing

Task #23.03

Regional Transportation Plan Development

Purpose:

- 1) Prepare a new regional transportation plan (RTP) for final adoption in 2027.
- 2) Align long-range activities and plans with state agencies and coordinate with Unified Transportation Plan work.
- 3) Monitor current RTP activities and make amendments when necessary.

Details:

As per federal regulations, the MPO will supervise and support the development of the RTP. During this UPWP cycle, the MPO staff will concentrate on regional policy-making to establish RTP goals and vision, develop land usage and travel models, create socio-economic projections, and plan projects and finances. The RTP update work will be carried out in consultation and coordination with MPO member jurisdictions, resource agencies, UDOT, and UTA staff. A robust public and stakeholder engagement process is included. The existing RTP will be monitored and updated as necessary.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Satisfactory progress in monitoring and implementing the RTP	Ongoing
2. Coordinate with UDOT and UTA on Regional Performance Measures	Ongoing
3. Process requests for RTP amendments	As Needed
4. Air quality conformity determination and analysis for RTP updates and amendments	As Needed
5. Complete the Regional Safety Action Plan for inclusion in RTP	Summer 2024
6. Develop RTP performance measures for RTP project needs and priorities	Fall, Winter 2024

7. Major update of the financial model through a consultant, developed with planning partners (MPOs, UDOT, UTA)	Ongoing
UDOT	
1. Support MPO in RTP update, including federal performance measures and monitoring, freight planning, operations and preservation plans and data, project costs and revenue data, and other needed work	Ongoing
2. Consider the impact of recommendations from various RTP and regional studies in association with UDOT planning efforts	Ongoing
3. Evaluate the impact of performance measure targets on UDOT long-term planning efforts	Ongoing
4. Coordinate on financial modeling and assumptions leading to fiscal constraint determinations for 2027 planning processes.	Ongoing
UTA	
1. Support MPO in RTP update, including federal performance measures and monitoring, route planning, operations and preservation plans and data, project costs and revenue data	Ongoing
2. Review RTP in association with MPO planning efforts	Ongoing
3. Evaluate the impact of performance measure targets on the MPO's long-term planning efforts	Ongoing

Task #23.04

Corridor Preservation Program

Purpose:

- 1) Assure that land will be available for roadway construction by protecting potential highway corridors from incompatible development
- 2) Secure land at significantly reduced costs versus those typically encountered when funded highway projects seek needed rights of way

Details:

MAG prepares and maintains an inventory of corridor preservation needs related to the Regional Transportation Plan. From this inventory, a prioritized corridors list is created and submitted for endorsement to the MPO Regional Planning Committee. Corridor preservation is funded through the Utah County Corridor Preservation Fund.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Review and approve eligible corridor preservation applications from cities and the county	Ongoing
2. Administer funds to be used for approved purchases	Ongoing
UDOT	
1. Coordinate with MAG when the Utah County Corridor Preservation Fund is appropriate for planned projects	Ongoing
2. Work with MAG staff to identify corridors of importance to the region and to the department and include in Unified Plan mapping.	Ongoing
UTA	
1. Coordinate with MAG when the Utah County Corridor Preservation Fund is appropriate for planned projects	Ongoing

44.24.00 | Short-Range Transportation Planning

- Task 24.01 | Congestion Management & Analysis of Existing Conditions
- Task 24.02 | Study Management
- Task 24.03 | Safety Planning Work
- Task 24.04 | Performance Measures Work

Task #24.01

Congestion Management & Analysis of Existing Conditions

Purpose:

- 1) Identify and analyze existing and near-term transportation systems and travel conditions in the MPO area.
- 2) Monitor deployment of network optimization strategies.

Details:

MPO staff are tasked with creating a Congestion Management Program that meets federal regulations and addresses issues brought up during the federal certification review held in August 2023. To develop the program, the MPO will request the assistance of consultants. UDOT staff will coordinate traffic data collection in the MPO area and provide this data to the MPO, UTA, local governments, and other relevant parties. To support these efforts, MPO staff will prepare an "existing conditions report" and report on regional performance measures.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Hire a consultant to develop an MPO Congestion Management Program to integrate into project development and selection processes.	Spring 2025
2. Satisfactory progress in collecting and reporting traffic-related data and publication of appropriate data and technical reports identifying and analyzing existing and near-term MPO area transportation system and travel conditions	As per the new Congestion Management Program
3. Develop applicable regional performance measures for the TIP and RTP	Biennial
UDOT	
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
UTA	
1. Collect ridership data by mode and by county	Ongoing
2. Collect and provide ridership data in support of other UPWP activities	Ongoing
3. Prepare, publish, and distribute transit-related data and technical reports	Ongoing

Task #24.02

Study Management

Purpose:

- 1) Cooperatively perform corridor/subarea studies related to significant regional transportation investments.
- 2) Each agency can award, manage, and participate in various transportation and land use studies to support the work to develop the RTP and TIP.

Details:

The MPO, UDOT, and UTA conduct numerous studies individually and jointly. These studies help develop project and land use needs for model development and RTP project development. Federal and local funding help staff coordinate and manage studies. MPO-led studies do not use federal funds for consultant costs; only local funding is used.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Participate in the Unified Transportation Plan financial model development work led by WFRC	Ongoing
2. Conclude the Safety Action Plan (SAP) with a federal grant secured by the Safe Streets for All program, this project will produce a comprehensive and implementation-ready SAP covering the MPO Region and includes UDOT and UTA as key partners - \$1.25m (\$1.1m expended in FY24)	

<p>2. Regional programs and studies managed by the MPO. Staff work includes developing scope, consultant selection, and project management (costs listed are total costs with local funding, no federal funds are used):</p> <ul style="list-style-type: none"> • Complete Streets Project Development - \$75k • Congestions Management Process Study - \$150k • Geneva RD/Lakeshore EXPY Study - \$150k • Government Services - \$50k • Joint Projects Contingency - \$250k • Modeling Staff and Consultants - \$65k • MPO Organizational Assessment Work - \$110k • MPO Safety Action Plan Continued Work - \$150k • Regional Bike Counter Program - \$5k • Safe Streets for All Grant - \$1.25m (\$1.1m expended in FY24) • Statewide Regional Roadway Grid Study - \$977k • Strategic Planning - \$50k • TAG Program - \$500k • TIP Environmental Policy Work - \$75k (\$50k expended in FY23) • Utah Lake Bridge Feasibility/Landing Study - \$250k • UTP Financial Model - \$25k • UVU Active Transportation Plan - \$50k • Wasatch Choice Utah Valley Vision - \$250k 	<p>Varies</p>
<p>3. Incorporate study results into TIP and RTP development</p>	<p>Ongoing</p>
<p>UDOT</p>	
<p>1. Participate in the Unified Transportation Plan financial model development work led by WFRC</p>	<p>Ongoing</p>
<p>2. Regional studies managed by UDOT. Work includes developing scope, consultant selection, and project management (costs listed are not federal funding):</p> <ul style="list-style-type: none"> • Cory Wride FWY (SR-73); MVC to Ranches Pkwy, Saratoga Springs/Eagle Mtn Re-evaluation Work - \$3m • Foothill Blvd, Saratoga Springs Environmental Work - Legislated \$3m • I-15/Santaquin Main ST Interchange Environmental Work - Legislated \$4m • I-15/Spanish Fork Center ST New Interchange Environmental Work - Legislated \$2m • Lehi 2100 North I-15 to Redwood Rd Re-evaluation Work - \$3m • Pioneer Crossing - Flex lanes Environmental Work - \$1m • Pleasant Grove interchange Environmental Work - \$2m • Mountain View Corridor; 2100 N to Cory Wride (SR-73), Saratoga Springs Re-evaluation Work - \$3m • SR-92 Western Extension, Lehi Environmental Work - Legislated \$4m 	<p>Ongoing</p>

<p>3. Studies projects advanced by UDOT with federal funding include:</p> <ul style="list-style-type: none"> ● University Ave Buffered Bike Lane, Provo - \$3m RAISE grant ● Provo 200 East Bike Lane - \$1.7m RAISE grant ● Historic Southern Rail Trail Study and Design - \$300k 	<p>Ongoing</p>
<p>UTA</p>	
<p>1. Participate in the Unified Transportation Plan financial model development work led by WFRC</p>	<p>Ongoing</p>
<p>2. Regional studies managed by UTA. Work includes developing scope, consultant selection, and project management (costs listed are not federal funding):</p> <ul style="list-style-type: none"> ● South Utah Valley Transit Study - \$7m 	<p>Ongoing</p>
<p>3. Federal studies conducted by UTA.</p> <ul style="list-style-type: none"> ● Areas of Persistent Poverty Study \$440,584 (FTA Discretionary Funds 385,584 / local 55,000) The study will focus on four tasks: <ul style="list-style-type: none"> ○ (1) evaluate the potential to transition UTA's Paratransit operating software to a more dynamic on demand system with a focus on equitably serving high poverty areas ○ (2) evaluate the viability of using existing resources during off-peak hours to provide on demand rides to the public ○ (3) plan to introduce zero emission Paratransit vehicles, and (4) ensure in-depth community engagement to include a diverse range of people with disabilities. Scope 442 ALI 44.24.00 under metropolitan planning ● Coordinated Human Service Transportation Plan - Provo OREM Urban LCC plan.cdr (rideuta.com) ● FrontRunner Corridor Transit Oriented Development Market, Housing, and Economic Impact Analysis - \$360,000 federal and zero local match (to be performed in MAG and WFRC areas)- FTAs FY 2023 Pilot Program for Transit-Oriented Development Planning. Estimated Completion is October 2025 ● Point of the Mountain Transit Environmental (to be performed in MAG and WFRC areas) \$2,000,000 federal \$145,233 Local Match ● Route Restoration and Equity Index Study \$300,000 Federal zero local match ● Transit Oriented Development South Valley Utah County FrontRunner Station Area Planning \$250,000 Federal \$62,500 Local Match 	<p>Ongoing</p>

Task #24.03

Safety Planning Work

Purpose:

- 1) Develop and implement a Safety Action Plan (SAP) for the MPO area to address high-risk areas and reduce the occurrences of fatal and serious injury crashes.
- 2) Monitor transportation systems for plan updates.

Details:

MAG is currently developing a SAP under a Planning Grant with the federal government’s Safe Streets and Roads for All (SS4A) program. The MPO SAP and UDOT and UTA safety plans will be used to develop regional projects through the MPO TIP Project Selection Process, UDOT’s and UTA’s safety project development processes, and secure federal grant funding. MAG will continue the development of the SAP to further explore high-interest areas of concern and ensure that the plan will be an ongoing process with regular updates that are integrated with the TIP process.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Develop application and secure SS4A supplemental planning grant for SAP phase 2 work	Summer 2024
2. Develop a regular SAP update process according to findings and recommendations from current SS4A planning activities	Spring 2025
3. Continue work to update the new MPO SAP	Ongoing
4. Hire consult to continue work on SAP phase 2 <ul style="list-style-type: none"> • Exact activities to be determined by the success of the SS4A Supplemental Planning Grant 	Dependent on success of SS4A Supplemental Planning Grant
5. Apply regional policy recommendations generated by SAP	Ongoing
UDOT	
1. Apply regional policy recommendations generated by SAP	Ongoing
2. Work with MAG on safety issues identified on state routes	Ongoing
UTA	
1. Apply regional policy recommendations generated by SAP	Ongoing

Task #24.04

Performance Measures Work

Purpose:

- 1) Coordinate with partners to monitor federal and state performance metrics.
- 2) Develop MPO performance metrics for RTP and TIP project selection.

Details:

MAG, UDOT, and UTA coordinate the data gathering and reporting of federal and state performance measures. MAG has adopted the statewide targets developed by UDOT and continues to monitor performance within the region. MAG is currently working to develop regional performance metrics as part of the ongoing goal development process.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Monitor federal and state performance measures	Ongoing
2. Develop regional performance measures	Spring 2025
UDOT	
1. Monitor regional performance measures	Ongoing
2. Coordinate with MAG on federal performance measure target setting and reporting	Ongoing
3. Work with MAG to understand new or pending performance measure requirements	Ongoing
UTA	
1. Conduct reporting for Transit Safety Performance Measure to National Transit Database	Ongoing

44.25.00 | Transportation Improvement Program

- Task 25.01 | TIP Development
- Task 25.02 | TIP Project Selection
- Task 25.03 | TIP Project Management

Task #25.01

TIP Development

Purpose:

- 1) Cooperatively develop and publish a web-based and hard-copy version of the 2025–2028 TIP.
- 2) Create an updated amendment process.

Details:

The MPO, UDOT, and UTA staff will collaborate with MPO committees to develop the FY 2025-2028 TIP. The TIP policies and procedures will be revised as needed, including a new project amendment process. A new environmental policy for MPO and county-funded projects will be developed and adopted. The MPO will publish the Annual Listing of Obligated Projects.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Develop and adopt the FFY 2025-2028 TIP	August 2024
2. Coordinate with UDOT, UTA, & other MPOs to create a new amendment process per 2024 federal certification review findings	December 2024
3. Develop and adopt new environmental requirements for MPO & county-funded projects	December 2024
4. Develop Annual Listing of Obligated Projects	Spring 2025
UDOT	
1. Coordinate TIP project proposals for the State Highway System and amendments	When Needed
2. Provide estimates of Federal/State funds available for TIP projects	Ongoing
3. Prepare Funds Management Reports on federal obligations	Ongoing
UTA	
1. Coordinate transit TIP projects and amendments	When Needed
2. Prepare Funds Management Reports on federal obligations	Ongoing

Task #25.02

TIP Project Selection

Purpose:

- 1) The MPO directly oversees selecting regional transportation projects with local, state, and federal transportation funds.
- 2) UDOT and UTA select projects through their selection processes with local, state, and federal funds under their authority.

Details:

Finalize the biennial MPO TIP project selection of new projects to be implemented with funding available to the MPO (CM/AQ, County TransTax, MPO Exchange, STP<200,000, TAP).

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Finalize the MPO-funded project selection process and adopt with the 2025 TIP	August 2024
2. Review the current selection period process with MPO committees and make adjustments as needed	Fall 2024
UDOT	
1. Coordinate with MPO state-funded project selection process and adopt with the 2025 TIP	Spring 2025
UTA	
1. Coordinate with the UTA-funded project selection process and adopt with the 2025 TIP	Spring 2025

Task #25.03

TIP Project Management

Purpose:

- 1) Monitor TIP project implementation.
- 2) Manage MPO Exchange Funded projects.
- 3) Prepare status reports on previously authorized TIP projects.

Details:

MAG will work with cities and the county, along with UDOT and UTA, as applicable, to monitor the implementation status of projects programmed through the TIP. They will develop a software

platform to facilitate the proper oversight over MAG-administered project funds.

<i>Expected Results/Product:</i>	<i>Anticipated Completion:</i>
MAG MPO	
1. Implement a new TIP tracking software platform to help monitor, manage, & and communicate MPO & county-funded projects	Spring 2025
2. Develop a status report dashboard for each MPO & county-funded project	Spring 2025
3. Work to implement the UDOT ePM database into the MPO tracking software platform	Ongoing
UDOT	
1. Work with MPO to allow integration of MPO tracking software platform	When Needed
2. Coordinate with MAG staff on projects funded by MAG federally funded projects that have UDOT project managers	Ongoing
UTA	
1. Coordinate with MAG staff on projects funded by MAG and sponsored by UTA	Ongoing

PLANNING EMPHASIS AREAS

Planning Emphasis areas identified in the Infrastructure Investment and Jobs Act of 2021 (IIJA) to be applied nationwide. These eight emphasis areas and how they are incorporated into the MAG MPO UPWP are listed below. The MPO will work to integrate these areas into new updates of the core MPO products over multiple years.

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

MAG MPO will support UDOT in developing the [Electric Vehicle Charging Plan](#) and consider impacts within the MPO area. Utah has been working for years on planning and implementing a convenient, reliable, and equitable electric vehicle charging network. By preparing for more widespread electric vehicle adoption alongside active transportation like walking and biking and increased public transit use, Utahns can help work toward healthier communities and quality of life. Additionally, building out Utah's EV charging network will increase economic development, transportation choice, energy resiliency, and emergency route options. UDOT and the Utah Office of Energy Development are vital in implementing this vision and have been working hard to meet this challenge head-on.

MAG and UDOT will work together to identify appropriate uses of Carbon Reduction Program (CRP) funds through long-range planning, short-range project identification and other programming measures. Efforts related to CRP funds will build on UDOT's Carbon Reduction Strategy, approved in November 2024.

The Federal Transit Authority (FTA) launched the Sustainable Transit for a Healthy Planet Challenge to encourage transit agencies to take bold action to reduce GHG emissions from public transportation. The MPO supports UTA's plans to advance its electrified fleet plan by investing in cleaner energy sources. By 2040, UTA intends to replace approximately 40% of its diesel-powered buses with battery-electric buses. UTA is currently working on plans to electrify UTA On Demand vehicles, Paratransit buses, Vanpool vans, white fleet vehicles, and eventually FrontRunner.

MAG MPO supports the implementation of the [Beehive Emissions Reduction Plan](#) which plays a key role in helping Utah secure broader emissions reduction-related funding under the IRA, the Infrastructure Investment and Jobs Act (IIJA), and from other sources. MAG's efforts are particularly supportive of Measure #3: Zero-Emission Vehicle Charging/Refueling Incentives and Measure #4: Mode-Shifting/Reducing Vehicle Miles Traveled.

The MPO also supports local jurisdictions in adopting or incorporating clean energy solutions through their local planning process and the MPO core programs, including developing the Regional Transportation Plan and project selection within the Transportation Improvement Program.

UTA is a central part of sustainability plans for partner agencies, providing transit options to replace single occupancy vehicles. A central mission of UTA is facilitating the opportunity for people to get out of private vehicles and onto more environmentally friendly transportation options. In addition, UTA

maintains programs for recycling most metals and automotive fluids as well as electronic waste. UTA strives to continuously reduce greenhouse and criteria air pollutants through technology and service improvements. For example, UTA has deployed compressed natural gas and battery electric buses, and is working to increase the percentage of alternative fuel vehicles in the fleet. UTA's commitment to environmental sustainability is formally demonstrated by the agency's APTA Bronze sustainability status.

A new Environmental Steward and Sustainability Specialist will began at UTA in 2023 to move UTA's sustainability goals forward. Specific sustainability goals include:

- Completion and implementation of a UTA sustainability plan to include sustainability measures, employee engagement, and actions
- Support of the fixed bus fleet replacement plan aligned with proposed fleet propulsion mix
- Continued activation of the UTA green team to support sustainability and environmental efforts
- Development of strategies to reduce water usage across the agency

2. Equity and Justice⁴⁰ in Transportation Planning

MAG MPO will consider equity and justice implications as part of developing the MPO core programs, including the Public Participation Plan, the Regional Transportation Plan, and the Transportation Improvement Program. The MPO works jointly with the Wasatch Front Regional Council (WFRC) to facilitate the [Wasatch Choice Communities Advisory Committee](#), which is made up of diverse community representatives who help guide the work of the RTP process. The MPO will work with this committee to review and gain feedback on ways to further advance underserved communities' needs into the core programs within the MPO. The MPO will support the efforts of UDOT and UTA to consider the Equity and Justice⁴⁰ impacts of individual projects.

3. Complete Streets

MAG MPO will advance and promote multimodal and complete street planning through the MPO core programs, including the RTP project development, emphasizing active transportation projects integration into RTP project development, and the TIP through ranking projects based on complete streets methodology. The MPO will begin working on this planning cycle on a Complete Streets Study to develop regional complete streets recommendations and policies to incorporate into the MPO project development work. MAG will continue to work with UDOT and support their efforts related to All Users implementation.

The Infrastructure Investment and Jobs Act (IIJA) requires that 2.5% of FHWA Planning Funds (estimated at \$28,685 for the MPO) be available for Complete Streets planning activities. The MPO will meet this requirement through the advancement and promotion of the development and implementation of the Complete Streets Study work, Safe Street for All Safety Action Plan adoption and integration into the RTP and TIP, maintaining a database of pedestrian and bicycle facilities for RTP and travel model development, and by continuing ongoing work to collect and maintain the active transportation counters program that supports TIP project selection and travel model work.

4. Public Involvement

MAG MPO's public involvement work will evolve this planning cycle. It will start with an update to the Public Participation Plan and Title VI Plan. The MPO will work with the AOG to integrate these plans into an AOG-wide process. This work will expand on public and stakeholder outreach, including increased AOG communications through the mountainland.org website, social media platforms, AOG newsletter, and new releases. The RTP development process has also been updated to include multiple touchpoints with the public, transportation stakeholders, resource agencies, and the Wasatch Choice Communities Committee.

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

UDOT primarily handles the STRAHNET planning within the MPO, which includes I-15 and US-6 (Spanish Fork to Green River section). MAG will continue to support UDOT in this effort.

6. Federal Lands Management Agency (FLMA) Coordination

Federal lands within the MPO are limited to the Bureau of Land Management and US Forest Service lands, both on the fringes of the planning boundary. State lands include military operations at Camp Williams, state recreation lands, and state school trust lands. The MPO will engage representatives of FLMA and the state in plan development work and studies. The MPO currently has a representative from Camp Williams who is a non-voting member of the MPO Board.

7. Planning and Environmental Linkages (PEL)

MAG MPO incorporates PEL principles into planning studies and planning work where applicable. The TIP project selection process (shown in the [TIP Policies and Procedures document section 3](#)) includes performance measures in project ranking that measure a project's impacts on the natural environment, built environments, and air quality. The RTP has similar measures (found in the [Environmental Impacts Technical Report C](#)) but also includes a detailed analysis of the regional projects and how they overlay with natural environmental features, interface with the built environment and communities, and have an impact at the regional level. This PEL process includes review time and consultation with resource agency representatives at the state and national levels. MAG will work with UDOT to identify areas where PEL studies may be appropriate next steps.

8. Data in Transportation Planning

The MAG MPO maintains extensive [GIS and analytical](#) datasets, many co-developed with WFRC, which it shares with local jurisdictions, UDOT, and UTA.

FY 2023 ANNUAL PERFORMANCE AND EXPENDITURE REPORT

The following summarizes work produced and planning activities performed during FY23 (July 2022-June 2023) to implement the approved MAG MPO 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. The federal Consolidated Planning Grant funds (PL and FTA 5303) of \$1,415,967 were fully expended as outlined in the FY23 UPWP.

44-21.00 Program Support and Administration

- Prepared for Federal Certification Review
- Held public meetings for the RTP and TIP updates
- Published FY24 UPWP
- Office Operations and Administration of the MPO
- Supported MPO committees and subcommittees
- Held stakeholder and public meetings for the 2023 RTP update

44-22.00 General Development and Comprehensive Planning

- GIS Maintenance in support of planning activities
- Administered MAG Technical Assistance to Local Governments program, held selection process, and awarded projects.
- Administered MAG Station Area Planning program
- Collected and maintained a socio-economic database used for modeling purposes and projections
- Maintained and updated the MPO land use and travel models in coordination with WFRC and UDOT
- Performed air quality analysis, attended inter-agency consultation meetings
- Worked with EPA on updated Moves Model

44-23.00 Long-Range Transportation Planning

- Finalized consultant work with RTP development and public process
- Made conformity determination on the final updated RTP
- Finalized development of RTP update, adopted June 2023

44-24.00 Short-Range Transportation Planning

- Managed and participated in multiple studies and projects:
 - Utah Parking Modernization Initiative
 - Travel Demand Model Mode Choice Update
 - Utah Zero Fare Cost Transit Study
 - Regional AT Counter Program
 - UTP Communications Work
 - UTP Financial Model Work

- Transit Signal Priority Study
- Context Sensitive Solutions Study
- Alpine/Highland Active Transportation Plan
- Household Travel Survey Work
- Pioneer Crossing Arterial Planning Study
- Pleasant Grove Center St Intersection Study
- RTP Active Transportation Update Work
- Transit Oriented Development (TOD)/UTA Station Area Planning
- UTA Route Restoration and Equity Index
- UTA On Board Survey
- UTA Bus Stop Implementation and Bus Stop Improvement Program
- Monitored transportation system performance measures and reported on performance plan progress
- UDOT contributed to MAG's Technical Assistance to Governments (TAG) program. Awards are coordinated between MAG, UDOT and WFRC.
- MAG and UDOT continued their partnership in the Joint Projects Committee including, among others:
 - Provo/Orem BRT Before and After Study
 - Regional AT Count Program
 - Regional Transit Signal Priority Study

44-25.00 Transportation Improvement Program

- Conducted MPO Project Selection Process, reviewed and selected new projects to be funded with MPO and county local funds, added to draft TIP
- Adopted 2023-2028 TIP
- Compiled and completed Annual Listing of Obligated Projects
- Monitored and awarded corridor preservation projects when needed
- Worked with UDOT to update the TIF/TTIF capacity project prioritization model. The prioritization model still supports UDOT's Quality of Life Framework including good health, strong economy, connected communities, and better mobility. The update process included extensive collaboration with and input from our MPO partners.

Appendix A: Total Planned MPO Revenues and Expenditures

Total MPO Revenues and expenditures include all revenues that come to the MPO for staffing, planning, and administrative work as well as funding for MPO, UDOT, and UTA studies. All revenues come from federal, state and local revenues. Most revenues and expenditures for studies are allocated and spent by the sponsoring agency and not housed at the MPO.

Detailed Task	Federal Funding					State Funding					Local Funding	Total
	CPG	RAISE	TAP	FTA Discretionary	SS4A	PTIF/Exchange	TPA	PDM	Utah Legislative	UDOT Region Funds		
44.21.00 Program Support & Administration	213,900					156,803						370,703
44.22.00 General Dev. & Comprehensive Planning-CPG	751,324					550,770						1,302,094
44.22.00 General Dev. & Comprehensive Planning-TPA							1,077,501				259,250	1,336,751
44.22.00 General Dev. & Comprehensive Planning-PDM								26,667			6,250	32,917
44.22.00 General Dev. & Comprehensive Planning-RPO										20,000	118,272	138,272
44.23.00 Long-Range Transportation Planning	339,566					248,924					50,000	638,491
44.24.00 Short-Range Transportation Planning	60,159					44,101						104,260
Complete Streets Project Development						75,000						75,000
Congestions Management Process Study						150,000						150,000
Geneva RD/Lakeshore EXPY Study						150,000						150,000
Joint Projects Contingency						250,000						250,000
Modeling Staff and Consultants						65,000						65,000
MPO Organizational Assessment Work						200,000						200,000
MPO Safety Action Plan Continued Work						150,000						150,000
Regional Bike Counter Program						5,000						5,000
Safe Streets for All Grant (\$1.1m expended in FY24)					1,000,000	200,000			25,000			1,225,000
Statewide Regional Roadway Grid Study									977,800			977,800
Strategic Planning						50,000						50,000
TAG Program						466,150					33,850	500,000
TIP Environmental Policy Work (\$50k expd. in FY23)						75,000						75,000
Utah Lake Bridge Feasibility/Landing Study						250,000						250,000
UTP Financial Model						25,000						25,000
UVU Active Transportation Plan						50,000						50,000
Wasatch Choice Utah Valley Vision						250,000						250,000
Cory Wride FWY (SR-73) Re-evaluation Work									3,000,000			3,000,000
Foothill Blvd, Saratoga Springs Env. Work									3,000,000			3,000,000
I-15/Santaquin Main ST Interchange Env. Work									4,000,000			4,000,000
I-15/SF Center ST New Interchange Env. Work									2,000,000			2,000,000
Lehi 2100 N I-15 to Redwood Rd Re-evaluation Work									3,000,000			3,000,000
Pioneer Crossing - Flex Lanes Environmental Work									1,000,000			1,000,000
Pleasant Grove interchange Environmental Work									2,000,000			2,000,000
Mountain View Corridor Re-evaluation Work									3,000,000			3,000,000
SR-92 Western Extension, Lehi Environmental Work									4,000,000			4,000,000
University Ave Buffered Bike Lane, Provo		2,400,000									600,000	3,000,000
Provo 200 East Bike Lane		1,360,000									340,000	1,700,000
Historic Southern Rail Trail Study and Design			279,690								20,310	300,000
South Utah Valley Transit Study									7,000,000			7,000,000
Areas of Persistent Poverty Study				385,584							55,000	440,584
Coordinated Human Service Transportation Plan												0
FrontRunner Corridor TOD Market Analysis				360,000								360,000
Point of the Mountain Transit Environmental				2,000,000							145,233	2,145,233
Route Restoration and Equity Index Study				300,000								300,000
Transit Oriented Development UCo SAP				250,000							62,500	312,500
44.25.00 Transportation Improvement Program	172,457					126,422						298,879
Totals	1,537,407	3,760,000	279,690	3,295,584	1,000,000	3,538,169	1,077,501	26,667	33,002,800	20,000	1,690,665	49,228,483

Appendix B: Public Comment Posting

Website and Newspaper Public Comment Writeup

Public notice was posted on the [mountainland.org website](https://mountainland.org), the [Provo Daily Herald](https://www.provoherald.com), and the [State of Utah Public Notice website](https://www.stateofutah.gov).

The Mountainland Metropolitan Planning Organization (MPO) [2025 Unified Planning Work Program](#) (UPWP) for July 1, 2024, through June 30, 2025, has been released for a **14-day public comment** period. The comment period runs from 05/23/2023 until close of business day 06/06/2023.

The UPWP serves as a management tool that identifies the work tasks, staffing needs, studies, costs, and funding sources for the MPO transportation planning and programming activities within the Provo/Orem Urbanized area. The primary funding source for MPO staffing and administration costs comes from the Federal Highway Administration (FHWA) Planning Funds and the Federal Transit Administration (FTA) 5303 Planning Funds of the U.S. Department of Transportation. MPO studies are funded with MPO Exchange state funding. The MPO partners with the Utah Department of Transportation (UDOT) and the Utah Transit Authority to outline in the UPWP each organization's planning activities to be conducted within the MPO area.

To view the document and submit comments, please visit: <https://magutah.org/upwp-comment/>

Appendix C: MPO Board Resolution

**Mountainland Association of Governments
Metropolitan Planning Organization Board
RESOLUTION TO APPROVE THE FY 2025 UNIFIED PLANNING WORK PROGRAM (UPWP)**

WHEREAS, the Mountainland Association of Governments (MAG) Metropolitan Planning Organization (MPO), as the federally designated metropolitan planning organization for the Provo-Orem, Utah urbanized area and the area projected to become urban within 20-25 years; and

WHEREAS, the MAG MPO has the responsibility under U.S. Department of Transportation for carrying out a continuing, cooperative, and comprehensive transportation planning process for the metropolitan planning area; and

WHEREAS, the Statewide and Metropolitan Transportation Planning rule as published in the May 27, 2016 Federal Register by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) require a Unified Planning Work Program (UPWP) for transportation planning; and

WHEREAS, the UPWP is required as a basis and condition for all funding assistance for transportation planning to state, local, and regional agencies by FTA and FHWA; and

WHEREAS, the FY 2025 UPWP for transportation planning for the MAG MPO was approved by the MPO Board on June 6, 2024; and

WHEREAS, on May 28, 2024, the MPO Technical Advisory Committee (MPO TAC) reviewed the FY 2025 UPWP and recommended approval; and

WHEREAS, on May 23, 2024, the draft FY 2025 UPWP was released for public comment; and

NOW, THEREFORE, BE IT RESOLVED that the MAG MPO Board approves the FY 2025 UPWP for transportation planning for the MAG region.

BE IT FURTHER RESOLVED that the MPO Director is hereby authorized to act on behalf of the Board in matters concerning the UPWP, including its administration and execution, and to make adjustments in program element amounts as necessary due to changing state or federal commitments or requirements.

DocuSigned by:

MPO Board Chair, Mayor Michelle Kaufusi
6/12/2024
Date

DocuSigned by:

Attest
6/12/2024
Date

Appendix D: USDOT Approval Letter



**U.S. Department
of Transportation**

Federal Transit Administration
Region 8
1961 Stout Street
Suite 13301
Denver, CO 80294-3007
303-362-2400

Federal Highway Administration
Utah Division
2520 West 4700 South
Suite 9A
Salt Lake City, UT 84129
801-955-3500

June 7, 2024

In Reply refer to: HAD-UT

Tiffany Pocock, P.E.
Director of Program Development
Utah Department of Transportation
4501 South 2700 West
Salt Lake City, Utah 82119

Subject: FY2025 Unified Planning Work Program Funds and Approval

Dear Ms. Pocock,

This is in reference to your letter of May 29, 2024, requesting transfer of funds to the Consolidated Planning Grant (CPG). The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have reviewed the four metropolitan planning organizations' (MPO) Unified Planning Work Programs (UPWP) and find that they substantially meet the requirements of 23 CFR 450.308. Therefore, in coordination with the FTA, the work programs are jointly approved as submitted.

Eligible work may commence effective July 1, 2024, with completion by June 30, 2025. Summarized in the table below are the FHWA PL and STP funds to be transferred to the CPG. The FTA transfer of 5303 and 5304 funds will be completed when those are made available. If you have any questions, please contact Peter Hadley, FTA, at (303) 362-2393, or Rex Harris, FHWA, at (801) 955-3515.

In addition to the table below this will include the requested FTA allotment of FTA 5303(d) monies totaling \$1,932,621.

Utah Department of Transportation - Program Development/Planning (FY 2025)				
MPOs Unified Planning Work Programs (UPWPs)				
Summary of MPO UPWPs and FTA (5303/5305(d)) Federal Planning Funds FY2025 (7/01/2024 - 06/30/2025)				
TOTAL				
CATEGORIES	WFRC	MAG	CACHE	DIXIE
NEW FY2025 UPWP				
FHWA PL	\$3,406,904.16	\$1,147,412.00	\$334,453.09	\$369,102.00
STP URBAN/SMALL URBAN	\$1,271,568.00	\$0.00	\$0.00	\$180,444.00
STP Anywhere	\$0.00	\$0.00	\$0.00	\$0.00
* FTA 5303/5305(d)	\$975,438.00	\$389,995.00	\$94,206.00	\$125,454.00
Total New	\$5,653,910.16	\$1,537,407.00	\$428,659.09	\$675,000.00
* Funds to be transferred from FTA to Utah FHWA (FTA Table 2)				
* FTA 5304/5305 (e)	\$347,328.00	(UDOT Rural Transit Team)		

Sincerely,

Rex N. Harris REX NEWWEY HARRIS
 Digitally signed by REX NEWWEY HARRIS
 Date: 2024.06.07 06:25:54 -06'00'

Rex Harris, P.S.E.
 Program Development Team Leader
 FHWA Utah Division

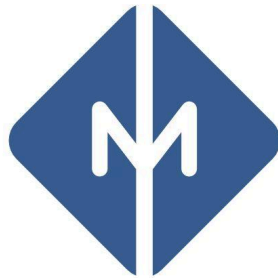
ecc: Wayne Bennion (WFRC MPO), Marian Florence (WFRC MPO), Myron Lee (DIXIE MPO), Jeff Gilbert (Cache MPO), LaNiece Davenport (MAG MPO)
 Andrea Olson (UDOT), Kim Robins (UDOT), Ivan Hartle (UDOT), Patrick Cowley (UDOT)
 Peter Hadley (FTA Region 8)
 Trevor Hart (FHWA/Utah Division)

Appendix E: List of Acronyms

The following is a list of acronyms used within the transportation planning community. Not all acronyms listed are used in this document, nor is the list all-inclusive.

AA Alternatives Analysis	EDD Economic Development District
ACS American Community Survey	EDMS Electronic Document Management System
ADA Americans with Disabilities Act	EEO Equal Employment Opportunity
AGRC State Automated Geographic Reference Center	EIS Environmental Impact Statement
AOG Association of Governments	EPA Environmental Protection Agency
APC Automated Passenger Counting	ESR Environmental Study Report
ATC Active Transportation Committee	FAA Federal Aviation Administration
ATMS Advanced Traffic Management System	FAST-Act Fixing America's Surface Transportation Act of 2016
AVL Automated Vehicle Location	FEIS Final Environmental Impact Statement
BEBR Bureau of Economic and Business Research	FEMA Federal Emergency Management Agency
BIL Bipartisan Infrastructure Law (see as IIJA)	FHWA Federal Highway Administration
BMS Bridge Management System	FMCSA Federal Motor Carrier Safety Administration
BRT Bus Rapid Transit	FONSI Finding of No Significant Impact
BYU Brigham Young University	FTA Federal Transit Administration
CAT Committee on Accessible Transportation	GIS Geographic Information System
CDBG Community Development Block Grant	GMAT Grants Management Advisory Team
CEDS Comprehensive Economic Development Strategy	GOED Governor's Office of Economic Development
CMAQ Congestion Mitigation and Air Quality	GOPB Governor's Office of Planning and Budget
CMP Congestion Management Process	GPS Global Positioning System
CO2 Carbon Dioxide	HOV High Occupancy Vehicle
COG Council of Governments – Counties	HPMS Highway Performance Monitoring System
CPG Consolidated Planning Grant	HUD U.S. Department of Housing and Urban Development
DAQ Division of Air Quality	ISTEA Intermodal Surface Transportation Efficiency Act of 1991
DBE Disadvantaged Business Enterprise	IT Information Technology
DCED Department of Community and Economic Development	ICT Interagency Consultation Team
DEIS Draft Environmental Impact Statement	IIJA Infrastructure Investment and Jobs Act of 2021
DESHS Department of Emergency Services and Homeland Security	ITS Intelligent Transportation System
DMU Diesel Multiple Unit	JARC Job Access and Reverse Commute
DSPD State Division of Services for People with Disabilities	
EA Environmental Assessment EDA Economic Development Administration	

JPAC Joint Policy Advisory Committee
 LCC Local Coordinating Council
 LPA Locally Preferred Alternative
 LRT Light Rail Transit
 LTAP Local Technical Assistance Program
 MAG Mountainland Association of Governments
 MAP-21 Moving Ahead for Progress in the 21st Century Act of 2012
 MPO Metropolitan Planning Organization
 NAAQS National Ambient Air Quality Standards
 NEPA National Environmental Protection Agency
 NOX Oxides of Nitrogen
 NTD National Transit Database
 PE Preliminary Engineering
 PMS Pavement Management System
 PM10 Particulate Matter < 10 microns
 PM2.5 Particulate Matter < 2.5 microns
 RCR Regional Commuter Rail
 REMM Real Estate Market Model
 RFP Request for Proposals
 RFQ Request for Qualifications
 ROD Record of Decision
 ROW Right-of-Way
 RPO Rural Planning Organization
 RTP Regional Transportation Plan
 SAFETEA-LU Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users of 2005
 SIP State Air Quality Implementation Plan
 SOV Single Occupant Vehicle
 SPWP Statewide Planning Work Program
 STIP Statewide Transportation Improvement Program
 STBG Surface Transportation Block Grant Program
 TAC Technical Advisory Committee
 TAP Transportation Alternatives Program
 TAZ Traffic Analysis Zone
 TCM Traffic Control Measure
 TDM Transportation Demand Management
 TDM Travel Demand Model
 TDP Transit Development Program
 TEA-21 Transportation Equity Act for the 21st Century
 TIP Transportation Improvement Program
 TMA Transportation Management Area
 TOD Transit-Oriented Development
 TSM Transportation System Management
 UAM Urban Airshed Model
 UCATS Utah Collaborative Active Transportation Study
 UCSP Utah Comprehensive Safety Plan
 UDOT Utah Department of Transportation
 UPWP Unified Planning Work Program
 UrbanSim Urban Simulation Land Use Model
 USDOT U.S. Department of Transportation
 USRP Utah State Rail Plan
 UTA Utah Transit Authority
 UVU Utah Valley University
 VMT Vehicle Miles Traveled
 VOC Volatile Organic Compounds
 WBRPO Wasatch Back Rural Planning Organization
 WFRC Wasatch Front Regional Council



M A G

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Prepared by the MAG Metropolitan Planning Organization (MPO)
as part of the Mountainland Association of Governments (MAG)

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