

UPWP Project Activity Status Report

Review Period: November, 2023

Task#	Project	% Complete	Status	PM	Final Report
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Planning Administration

101-1500-24 General Outreach

May 3, 2023 - The RTC updated the Title VI report and the Public Participation Plan.

AK

New goals and outcomes to the plan to provide a little more clarity around what the plan will achieve and to help users of the plan understand how broad and inclusive outreach can benefit our community. These changes included:

An evaluation commitment that will help us better understand how well the plan is being used along with updated evaluation goals and performance measures for assessing our public engagement processes.

Revised the federal and state regulations section to reflect new legislation and directives that have occurred since our last update, including language from the Justice40 Initiative, US DOT's equity plan, and new policies and recommendations for virtual and remote engagement, stemming from revisions to Nevada's Open Meeting Law.

Updated Best Practices for Engagement section with a variety of new strategies that can be effective for engaging with different demographic populations in the region.

Revisions to the administrative modifications threshold for the TIP amendment process, raising the minimum threshold to \$5 million over the previous level.

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101-2300-24	Stakeholder Coordination	30%	<p>May 3, 2023 - The RTC has been involved with stakeholders on the Safe Streets to All project, meeting with them to discuss the scoping of the project.</p> <p>August 23, 2022 - The RTC coordinated with stakeholders through FY 2022 on a variety of different projects. Stakeholders were engaged to help understand project purpose and need, goal of the project (safety, congestion, maintenance, multimodal connectivity, or economic development), and performance measures addressed by the project. The Access 2050 RTP was adopted in January 2021 and the RTC is now engaging with stakeholders to ensure projects identified in the TIP are implemented on a timely basis.</p> <p>August 24, 2022 - The 2022 RTC MPO and Transit Public Participation Plan draft is complete. Community outreach will occur during August - October 2022.</p> <p>February 10, 2021 - The RTC coordinated with stakeholders through late Fall 2020 to help develop a prioritized program of projects for implementation through 2050 to be included in the Access 2050 Regional Transportation Plan. Stakeholders were engaged to help understand project purpose and need, goal of the project (safety, congestion, maintenance, multimodal connectivity, or economic development), and performance measures addressed by the project. The Access 2050 RTP was adopted in January 2021 and the RTC is now engaging with stakeholders to ensure projects identified in the TIP are implemented on a timely basis.</p>	AK	

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101-2310-24	Planning Administration		<p>Activities included under this Sub-Task include the overall administration of the Metropolitan Planning Organization (MPO) transportation planning process. These tasks are on-going activities required to meet federal and state regulations.</p> <p>Planning Administration occurs through the conduct of various meetings of regional stakeholders, including the Transportation Access Advisory Committee, Executive Advisory Committee, Nevada Department of Transportation liaison meetings, Metropolitan Planning Subcommittee, RTC Board of Commissioners, and multiple other regional transportation coordination committees and groups. Also included in this task item is professional development of RTC staff through the maintenance of RTC staff membership in professional planning organizations.</p> <p>The RTC staff has been fulfilling the regular expected duties of planning administration in their work. These include conducting, facilitating and participating in meetings with local agencies and stakeholders, inclusion of feedback and concepts discussed during committee meetings into the development of the Regional Transportation Plan, Transportation Improvement Program and Unified Planning Work Program, as well as the coordination of modifications and amendments to these documents.</p> <p>APA dues and other professional organization membership costs are paid under "Other Task Cost".</p>	AK	
101-3100-24	Unified Planning Work Program	85%	<p>8/1/2023</p> <p>The 4th Quarter FY 2023 UPWP reimbursement was submitted to Nevada Department of Transportation on July 28th. The total amount requested was \$813,049.35. This was broken down by RTC Staff Cost: \$445,687.85 (6,560.25 hours worked); Professional Services: \$355,105.67 and Miscellaneous Costs: \$12,255.84.</p> <p>The FY 2024-2025 UPWP was approved by Federal Highway Administration (FHWA) in mid June. Projected FY 2024-2025 CPG + Local Match Funding Sum: \$13,878,680. Programmed Funding in FY 2024-2025 UPWP: \$13,427,329.</p> <p>End notes 8/1/2023</p>	RW	
101-3105-24	Public Participation Plan	0%		ML	
101-3110-24	Southern Nevada Freight Planning	0%		CC	
101-3115-24	Congestion Management Process	0%		GS	
101-3125-24	Bicycle and Pedestrian Planning	0%		RM	

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101-3130-24	Transportation Safety and Crash Report	0%		GS	
101-3135-24	Regional Transportation Plan & Visioning	0%	RTC Board approved the contract on July 13, 2023, and NTP was issued on July 18, 2023.	MF	
101-3200-24	Transportation Improvement Program	10%	Processed several amendment and modifications to the 2021-2025 TIP and Access 2050.	MF	
101-3500-24	Environmental Justice /TitleVI/ Ladders of Opportunity	100%	<p>Draft MPO Title VI report is complete and will be reviewed by the RTC Executive Advisory Committee on August 25, 2022 and approved by the RTC Board in September 2022. MPO staff will submit the plan to FTA, FHWA, and NDOT in September 2022.</p> <p>May 3, 2023</p> <p>The Title VI plan was submitted to the FTA and FHWA for review and approval in September of 2022. The MPO is continuing to provide Environmental Justice and Title VI data assistance as requested.</p> <p>October 9, 2023</p> <p>Attended FHWA/FTA led Title VI and NEPA workshop online from October 3 through October 5th.</p>	RW	
101-3600-24	Misc. (INRIX, ArcGIS, Transcad, Replica)		<p>August 17th, 2023: A software subscription license for Replica was purchased during FY 2022. Replica is an enterprise data platform that delivers critical insights about the built environment. Its analytical engine provides a collective representation of the built environment– including people, mobility, economic activity, and land uses. Replica is a two year licence. There is some interest in possibly purchasing extentions to ArcGIS like Image Analyst. Image Analyst can be used to extract features from aerial imagery which we have a lot of thanks to our subscription to Near Map. Features of interest can be parking spaces/lots and trees or specifically palm trees. Other item of interest is ArcGIS Urban which might be helpful for analyzing land use scenarios.</p>	GS	
101-9215-24	Discretionary Grant Administration	0%		AK	
Data Collection					
201-2116-24	Travel Demand Model	5%	regular network maintain. Documented some model procedures for amendments	BX	
201-2206-24	Annual Population Forecast	100%	This project was started in February 2023 and completed in June 2023.	LS	

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201-2230-24	Travel Demand Model Enhancements and Validation	45%	The new model structure is completed. Have bi-weekly project meetings with the project consultant and team members on technical discussions on survey data, big data process and model development. Checking and validating the new model networks, gathering, input data to the new model./ Waiting for new survey data and count data for calibration. 10/31/2023 Update Consultant continues working on the model development. Held monthly update meeting attended by consultant team and RTC team. Will follow up with the consultant on coordination of model development timeline and RTP development timeline.	HS	
201-4015-24	Travel Demand Model Employment Projections and Technical Support	15%	Contract awarded. PO issued. This project has two tasks - 1) develop employment projection for RTP24; 2) provide on-call support for RTP needs. For task 1, RTC will instruct the consultant to kick-off upon when base year employment (CBER 2022 2nd Quarter) becomes available (anticipated to be available around Spring 2023). Task 2 is on-call service upon needs. Progress status: Task 1: July 2023 - Consultant prepared & presented methodology to LUWG. Task 2: August 2023 - Consultant provided MOVES related support to NDOT consultant on Downtown Access project. Task 2: September & October 2023 - Consultant provided support to TIP23-44 Amendment (TDM / MOVES / Conformity report)	HS	
201-9220-24	GIS Analysis & Visualization	30%	This is an in-house project providing continuous on-going work providing GIS related data management / analysis / mapping and other related needed support to RTC (mainly the MPO Planning Group).	HS	
201-9230-24	Southern Nevada Freight Plan Update	0%	Not started	BX	
201-9240-24	Decennial Census Analysis	0%	Project will be funded for \$30,000 staff time in FY 2020-2021 UPWP Amendment III, As of 5/24/2022, this project has not been started nor has been formally assigned a project manager.	GS	
201-9245-23	2023 Household Travel Survey	95%	Received updated Southern Nevada Household Travel Survey final report, iteration 5 on October 9th. I had earlier reviewed and returned comments on version 4 to the consultants on October 3. Project is nearing completion.	RW	
201-9250-23	2023 Transit O-D On Board Survey	95%	Received draft final report in late September, which I reviewed and returned with editing suggestions to the consultant on October 3rd. Awaiting their adaptation of these into the document. Project nearing completion.	RW	
201-9255-23	2023 Las Vegas Visitor Survey	95%	Received the second round draft of the 2023 Las Vegas Visitor Survey on October 9th with suggested edits offered by me last week adopted into it.	RW	
201-9265-24	Regional Bike and Sidewalk Inventory - LIDAR management	0%		CC	

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Long Range Transportation Planning					

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202-3720-24	Performance-Based Benefits Calculator	70%	<p>The Performance Based Benefits Calculator study is underway with an initial draft calculator being delivered for review in October, 2022.</p> <p>Consultant has been selected, notice to proceed will be given on May 31st to Cambridge Systematics. The first stakeholder meeting was held on June 10, 2022. Estimated 18 month time period for completion.</p> <p>December 5, 2022</p> <p>There have been stakeholder committee meetings in September, October and November 2022. The draft version of the calculator has been circulated around for review by the steering committee members. Data sharing agreements between Cambridge Systematics, RTC, NDOT and INRIX/RITIS are being reached. The data being used is for determining congestion and its effects.</p> <p>February 1, 2023</p> <p>Work continues on the development of the Performance Based-Benefits Calculator. A steering committee meeting was held on January 12th. At this meeting the criteria for determining the benefits of projects in the categories of a) multimodal b) environmental c) economic and d) safety were discussed. In order to test their calculator prototype, consultant Cambridge Systematics requested a sample of 20 projects (10 from the CIP and 10 from the RTP). The RTC provided these to Cambridge. The next steering committee meeting for the project will be occurring on Thursday, February 23rd.</p> <p>End Notes for February 1, 2023</p> <p>March 30, 2023</p> <p>The Performance Based Benefits Calculator Steering Committee met on March 29, 2023. The consultants provided an working prototype of the calculator (which is based in Excel) for our review. Discussion was given to criteria such as pavement treatment types, induced demand and crash reduction.</p> <p>End Notes for March 30, 2023</p> <p>May 3, 2023</p> <p>The next steering committee meeting for the Performance Based Benefits Calculator will be on May 18th at noon. The performance measure tabs which have been incorporated into the draft calculator are "safety", "infrastructure", "multimodal", "congestion", "environment", "economic" and "equity".</p> <p>End Notes for May 3, 2023</p>	RW	

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			August 14, 2023		
			Consultant Cambridge Systematics has been at work with the design of the PBBC tool. They are working to ensure that the Excel files have their formulas and sheets locked so as to prevent any accidental deletion of important files. Also, they are working on the design of a data visualization method using Tableau software. The project is advancing towards completion and there will be presentations delivered on the PBBC tool to both the Metropolitan Planning Subcommittee (MPS) and the Executive Advisory Committee (EAC).		
			End notes for August 14, 2023		
202-9035-24	On Board Mobility Plan	100%	The On Board Mobility Plan was finalized in July, 2020.	AK	
			Implementation of high priority projects has continued to occur through new on-demand transit zones, game day express services, complete streets projects, amenity improvements and development of high capacity projects on both Boulder Highway and Maryland Parkway.		
202-9040-24	Coordinated Human Service Transportation Plan	50%	The Coordinated Plan Stakeholder Advisory Committee held its quarterly meeting in July 2022 in order to celebrate implementation accomplishments, share project and committee updates, and develop a work plan for Year 3 of plan implementation. The Social Service Pop-up Committee is planning a second Project Homeless Connect event at the Bonneville Transit Center on October 25, 2022.	MD	
			The Stakeholder Advisory Committee met again on February 14, 2023. Implementation of the plan's strategy to co-locate services with transit has continued. RTC partnered with the Southern Nevada Health District on two pop-up produce markets at the Bonneville Transit Center in May and June of 2023, with four more produce pop-ups planned this year. RTC also partnered with Opportunity Village and the Nevada Homeless Alliance on two more social service pop-ups that had over 500 attendees combined. Stakeholder outreach is being leveraged to develop a scope for the 2024 Plan update. Stakeholders will provide feedback on the proposed areas of focus of the plan update during the August 15 Stakeholder Advisory Committee meeting.		
Multimodal Transportation Studies					
301-3925-24	Henderson Sustainable Mobility Plan	35%	[08/03/23] Q2-Q3: Reviewed draft deliverables (performance measures, value capture memo, peer cities review, story maps) and provided notes/edits to COH project manager; COH working on refining and finalizing performance measures internally; COH launched community survey; Processed all FY23 invoices	PG	

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301-3950-24	Livable Centers Study - Project 3	5%	Staff updating LCS website, Fact sheet, presentation, Call for Partners process and interlocal agreement. LCS III Call for Partners and project selection is on hold until LCS II is underway. LCS website update complete.	ML	
301-9115-24	Planning and Infrastructure Needs for Emerging Transportation Technologies	0%	Project not yet initiated.	AK	
301-9270-24	Livable Centers Study – Project 2	60%	Project scope and interlocal have been finalized and are being submitted to RTC and COH board/council for approval. RFP process has been started - will begin procurement once RTC and COH board/council approval is received. Procurement delayed due to scope changes. (Placeholder amount of \$100 put in budget to enable this to show up for time entry until UPWP Amendment Two passes - staff time will then be raised up to \$30,000 for FY 2023. - RW) Contractor selected and approved by RTC Board. NTP delivered to contractor. POR in progress. Kick off meeting scheduled for Sept 2022. Project 60% complete: Needs assessment draft and walk audits are complete and under review for final drafting; Two TAC meetings held; Community visioning survey is currently open and planning for a community visioning workshop is underway; Engagement in the study area has been difficult - working with engagement consultants to improve	ML	

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301-9300-24	Perfect Storm Special Events Management Study	0%	<p>August 23, 2022 - Developing a traffic management plan for the Resort Corridor (RC) to service the range of demand from scenarios of every mode of travel to mitigate predicted impacts to the transportation system and ensure safety and security. The final report for this study will go before the RTC Board in October.</p> <p>January 5, 2023</p> <p>Notice to Proceed sent to Kimley-Horn on 10/24/2022. Internal project team kickoff meeting held in November, and second team meeting held on 1/5/2022.</p> <p>A data needs memo and data collection plan have been reviewed and prepared. Approximately 1/3 of the data needs have been collected and are awaiting analysis, and other data requests to external agencies still need to be sent.</p> <p>A review of relevant studies is in process, and a review of review of CC municipal code 16.06, Special Events, and other applicable codes and laws is underway.</p> <p>A stakeholder engagement plan is in development, and the first stakeholder meeting will occur soon after. The stakeholder meetings will likely be a smaller group, RTC/FAST/CC/NDOT, with other feedback from private stakeholders gleaned through in-person interviews. The purpose of the first TAC meeting will be to share the study purpose and need, and to coordinate events and data requests.</p> <p>There is a longer-term calendar of events (2 years) prepared and maintained by CCPW and NDOT.</p> <p>A customized GIS application will be developed with the purpose of displaying special events over time, and the ability to filter by date to display overlapping special events and concurrent forecast traffic impacts.</p>	AK	
Intelligent Transportation Studies					
302-2520-24	Transportation Systems Management & Operations (TSMO) Business Case Development	0%	<p>August 23, 2022 - The consultant has been engaged in development of the literature review framework, review of local and national regional TSMO resources to identify existing regional strategic goals, development of State of the Practice Tech memo. The consultant has also held progress meetings and project review meetings with stakeholders.</p>	AK	
Regional Policy Plan Administration					
501-1000-24	Regional Plan Core Administration	15%	<p>April-June 2023 (Q4): Conformity review for regional and local agency master plans has not occurred during this quarter.</p>	DR	

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501-1010-24	Regional Plan Updates	95%	April-June 2023 (Q4): 1) Maryland Parkway Opportunity Site progress report is on hold due to staff vacancies. The development of an action plan will occur in FY25. 2) Plan update requested by the SNS Steering Committee during its April 2023 meeting. Over 15 scoping meetings were held resulting in the identification of proposed plan focus areas and process, which will be reviewed by the SNS Steering Committee during its July 2023 meeting. 3) David Damore, Brookings Mountain West, and Commissioner Tick Segerblom, RTC Board have joined the SNS Steering Committee.	DR	
501-1050-24	Indicator Tracking and Mapping	50%	Initially started working with the IT department to build an indicator tracking dashbaord in Tableau as a replacement to the SNS dashboard using the now defunct Live Stories platform. To facilitate a more hands on approach it became necessary for MPO staff to develop a dashboard on Tableau Public (a free alternative with less features). The main directory for the performance measure dashboard is L:\MPO - Planning\PerfMeasDash. This folder includes R scripts to help automate data fetching (where possible) and formating before publishing to a google drive which the Tableau Public dashboard references it's data. The username and password for the purpose specific google account is "shirtsg@rtcsnv.com" and the password is available from Grant on request. Many MAP-21 required performance measures are currently being tracked on the dashboard. However, there are quite a few performance measures of interest yet to be implemented into the dashboard. In addition, performance measure targets are not present on many of the indicators. The hope is that at least a basic version of the dashboard would be ready to be rolled out by September of 2023. There an idea that at some point maintenance of the dashboard could be (at least partially) handed off to IT. There is a recurring meeting between IT staff and the MPO as the project develops.	GS	

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501-1150-24	Outreach and Communications	95%	<p>April-June 2023 (Q4): RTC blog posts have included extreme heat, grants, and BTC pop-up event stories. As noted in Task 501-1010-24, Regional Plan Updates, the following outreach meetings occurred in order to scope the Southern Nevada Strong Plan update as follows:</p> <p>May 1, 2023: RTC C-Suite May 17, 2023 LVGEA, NAIOP, GOED May 24, 2023: SNHD May 24, 2023: ULI May 25, 2023: Boulder City June 5, 2023: SNWA June 6, 2023: City of Henderson June 15, 2023: RTC MPO Transit and Micromobility June 21, 2023: UNLV School of Public Health June 21, 2023: NDOT June 26, 2023: Clark County and RTC Board June 27, 2023: Brookings Mountain West June 27, 2023: Nevada Environmental Justice Coalition June 28, 2023: Oklahoma-Kentucky-Indiana Regional Council of Governments June 28, 2023: LVGEA: Tina Quigley</p>	DR	
501-1160-24	Annual Southern Nevada Strong Implementation Report	20%	<p>April-June 2023 (Q4): Accomplishments are tracked on an ongoing basis and shared through the RTC Accomplishments Report.</p>	DR	
Regional Planning and Research					
601-1010-24	Future Housing Inventory and Needs Analysis	70%	<p>July-August 2022: Participated in regional forums focused on housing including Nevada Housing Coalition meetings and Nevada League of Cities affordable housing session. Reviewed Infrastructure Bill language related to Regional Transportation Plan affordable housing requirements. Discussed affordable housing through Southern Nevada Strong Steering Committee partner meetings. Convened RTC FAST, Clark County Social Services, and Metro to discuss homelessness and infrastructure challenges and potential solutions.</p> <p>Researched several peer regions to learn about how other MPOs have included housing in their plans and programs. White paper summary in process with recommendations for how we may proceed to improve integration of housing and transportation planning in our work.</p>	ML	

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601-1020-24	Extreme Heat Events Coordinated Response Study	60%	<p>5/31/23: Held UHI Volunteer Appreciation & Tree Planting event in partnership; Closed out UHI Campaign project; Media interviews of UHI results; Continue to participate in NOAA-coordinated heat efforts; Presented on UHI results and RTC's urban heat efforts in several forums (NWS, MPS); Continue to advise on heat as it pertains to RTC projects (ex: Route Restoration Grant, transit amenities planning, etc.)</p> <p>-----</p> <p>5/1/23: UHI mapping campaign results released in April; Met with UHI partners prior to data release to preview results release; Continued planning and partner coordination for UHI Volunteer Appreciation & Tree Planting event (May 12); Continue to participate in NOAA-coordinated heat efforts; Presented on UHI results and RTC's urban heat efforts in several forums (NMHEC, NIHHS, APA); Shared cool pavement research at April public works directors meeting; Continued to advise on heat as it pertains to RTC projects (ex: Route Restoration Grant, APP, etc.)</p> <p>-----</p> <p>3/1/23: Continued planning for UHI Mapping Campaign spring event and release of deliverables/data; Completed updated content for UHI Mapping webpages; Created UHI Mapping Factsheet; Compiled data/info on RTC's heat-related efforts in preparation for UHI data release; Created webmap with UHI transect data; Discussed tree planting with community partners; Identified funding source for trees; Updated cool pavement memo</p> <p>-----</p> <p>1/31/23: Continued planning for UHI Mapping Campaign spring event and release of deliverables/data; Drafted updated content for UHI Mapping webpage; Finished initial draft of Cool Pavement memo; Continue to participate in NOAA-coordinated heat efforts; Began conversations with partners regarding tree canopy and shade expansion; Internal planning around transit shelter design</p> <p>-----</p> <p>12/29/22: Returned HOBO stationary sensors CAPA Strategies; Participated in NOAA's two-day Extreme Heat Tabletop Exercise; Began drafting cool pavement memo (for internal purposes); Provided final edits to CAPA Strategies for the UHI Mapping Campaign Summary Report; Created interactive web-based map with UHI Mapping Campaign results; Began developing plan for UHI Mapping Campaign spring event and release of deliverables/data; Held Technical Advisory Group meeting to share project updates and discuss future efforts; Continue to participate in NOAA-coordinated heat efforts; Began developing PPT for APA-SCD presentation highlighting the "Southern Nevada Extreme Heat Vulnerability Analysis"</p> <p>-----</p> <p>11/30/22: Completed cleaning of Extreme Heat & Public Transit results after getting SurveyMonkey access; Continued coordination with NOAA for December Tabletop Exercise related to extreme heat short- and long-term planning; Presented RTC's heat work at 2022 Impact Summit (NMHEC) and 2022 Fall Transportation Conference; Met with various stakeholders to discuss potential adaptation/mitigation studies; Continued dialogue with Phoenix/ASU regarding cool</p>	PG	

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			pavement; Reviewed UHI Mapping Campaign deliverables and shared notes with CAPA Strategies ----- 10/31/22: Developed slide deck summarizing Extreme Heat & Public Transit results and waiting on SurveyMonkey access for cross tab analysis of results; Continued coordination with NOAA, including planning for December Tabletop Exercise related to extreme heat short- and long-term planning; Presented RTC's heat work at APA-NV conference and AMPO national conference; Conitnued cool pavement		
601-1080-24	Underutilized Parcels and Transportation Impacts	10%	After extensive outreach to all local jurisdictions and industry leaders yielded broad support for the study's concept, the study will now be a chapter in the Southern Nevada Strong Regional Plan update.	MD	