

OWP Monthly Report

February 2024

Mobility | Sustainability | Livability

40 – Transportation Activities

Goal 1: Meet federal mandates for regional transportation planning

- Continued development of 2055 RMAP performance measure targets.
- Continued development of performance measures report for FY 2025-FY 2029 TIP.
- Began discussion of RMAP Title 6 analysis for the plan update.
- GIS mapping support through refinements of maps for the next TIP plan document for new project year ranges (FY 2025–FY 2029).
- GIS staff added line and point geometry to the RMAP database taken from input from the member agencies.
- Monitoring planning document conformance between the RMAP listing of projects and the PAG TIP listing of projects and maintaining project numbers.
- TIP project development, including programming and monitoring new project linework of GIS mapping for the TIP database and documents.
- Continued to coordinate individually with jurisdictions to refine the 2055 RMAP project list.
- Continued to draft and develop components of the 2055 RMAP.

Goal 2: Establish and Implement a Performance Management Program

- Continued ongoing maintenance and updates to the Performance Measure Dashboard tool.
- GIS staff continued mapping coordination of updates to project locations for TIP project development and selection within the FY 2025-FY 2029 TIP.
- TIP planning staff continues ongoing project development, including programming and monitoring new project linework of GIS mapping for the TIP database and documents.
- Discussed new GHG measure development using available tools including MOVES model.

Goal 3: Title VI and Environmental Justice Planning and Compliance

- Began negotiations with a consultant to develop a Regional Active Transportation Plan.
- PAG departments each contributed to an exercise summarizing each program that completes Title VI engagement and GIS, modeling, or other assessments. In addition, staff listed efforts that go above the Title VI/EJ requirements such as efforts to test and prepare to comply with J40 regulations that have interim guidance available.
- GIS staff verified TAZ data and took final steps in development of the FY 2025–FY 2029 TIP Title VI maps.
- Prepared Title VI analysis of FY 2025-FY 2029 TIP.

Goal 4: Develop Multimodal Components of the long-range RMAP

- Met with a working group to discuss the 2055 RMAP project list which comprises of multimodal components.
- Attended Smart Growth America’s webinar “Complete Streets Power Hour.”
- Continued GIS mapping support through development of a draft template map for the next RMAP plan update document and delineation of project locations.
- Held a third 2055 RMAP Working Group meeting to discuss and further refine the multimodal project components of the plan as part of the project list, including PAG staff recommendations.

Goal 5: Coordinate transportation planning efforts conducted by other agencies with regional studies

- Continued: Partnerships with PAG regional agencies related to grant awards and support documentation, including project phasing, planning, and programming in the TIP.

Goal 7: Enhance community engagement in and understanding of regional long- and short-range transportation plans and processes

- Continued stakeholder outreach for the TIP development process and programming processes.

Goal 9: Meet federally mandated requirements for transportation program administration and development in order to secure funding for the region

- Supported staff activities related to administering the FY 2022–FY 2026 Transportation Improvement Program (TIP), including conducting meetings, preparing amendments, and HURF reimbursements.
- Supported staff activities related to conducting meetings for development of the next TIP and other TIP development tasks.

Goal 10: Work collaboratively with PAG member agencies to develop TIP project lists that deliver projects in the program in a timely manner and that optimize funding available to the region

- Supported implementation steps for the Regional Transportation Alternatives Grants program projects.
- Continued coordination process with PAG regional partners to develop the FY 2025–FY 2029 TIP
- Continued coordination process with the PAG regional partners to develop the TIP project lists and delivery schedules.

Goal 11: Maintain funding levels to the region

- Continued monitoring transportation revenues on regional, state and federal levels.

Goal 18: Enhance database analysis tools and map products to better support regional planning efforts

- Continued reorganizing ArcGIS Online content and evaluated online content belonging to former PAG associates, beginning an effort to decide what objects to transfer and continue to use and what objects to archive.
- Initiated GIS mapping support through development of test StoryMaps and graphics for map symbology for the next RMAP update and TIP databases.
- Conducted interviews for GIS Analyst.

Goal 22: Develop Multimodal Components of the long-range RMAP, including the construction, planning, and design of on-road and off-road facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation.

- PAG staff began working with Kimley-Horn to begin development of the PAG Regional Active Transportation Plan, which will inform the multimodal components of the RMAP.

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Goal 4: Develop multimodal components of the long-range RMAP

- Attended Smart Growth America’s webinar “Complete Streets Power Hour.”
- Continue to work with jurisdictional partners to refine the 2055 RMAP project list and associated multimodal components.
- Continued to draft and develop multimodal components of the 2055 RMAP.
- Began working with Kimley-Horn on the PAG Regional Active Transportation Plan which will inform multimodal components of the RMAP.
- One response was received for the Dial-a-Ride and Microtransit Service Area Analysis RFQ that was re-released to three consulting firms from the SVMPO on-call list for planning services. A selection panel comprised of PAG staff and a subject matter expert reviewed the proposal. PAG will be entering into negotiations with the firm. This effort will ultimately help inform multimodal components of the RMAP.
- Held a third 2055 RMAP Working Group meeting to discuss and further refine the multimodal components of the plan.
- GIS team provided data for the continued development of the printed version of PAG’s Tucson Metro Bikeways Map.
- Continue to work with jurisdictional partners to refine the 2055 RMAP project list and associated multimodal components.
- Reviewed and discussed vehicle fleet mix methodology for ABM exploratory tool development.
- Reviewed main scenarios for ABM exploratory tool development.

Goal 20: Reduce auto emissions by providing a commuter assistance/rideshare program and promoting alternative transportation to employers and commuters. Shifting transportation demand to nonpeak hours or other transportation modes, increasing vehicle occupancy rates, or otherwise reducing demand for roads.

Strategy: Provide vanpool subsidies to reduce commute costs.

- Processed vanpool subsidy invoice for vanpool program.

Goal 22: Develop Multimodal Components of the long-range RMAP, including the construction, planning, and design of on-road and off-road facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation

- GIS staff coordinated points for usage of ortho feature extraction by the RATP project.

Goal 26: Apply developed activity-based model (ABM) to support PAG’s planning efforts including RMAP and TIP. Deploy advanced transportation and congestion management technologies such as transportation system performance data collection, analysis, and dissemination systems.

- Reviewed and discussed vehicle fleet mix methodology for ABM exploratory tool development.
- Reviewed main scenarios for ABM exploratory tool development.

Goal 29: Evaluate the regional multimodal transportation performance through regional multimodal transportation system

- Reviewed and discussed literature of multimodal transportation data source performance measures and data source.

Other CRP-eligible Items

- Scope of work development for orthophoto feature extraction to support alternate modes of transportation gap/assets/needs assessment in order to inform the CRP.
- PAG staff began working with Kimley-Horn on the development of the Regional Active Transportation Plan per the approved contract by Regional Council. Efforts to put together a Technical Working Group to advise on the plan are underway.
- One response was received for the Dial-a-Ride and Microtransit Service Area Analysis RFQ that was re-released to three consulting firms from the SVMPO on-call list for planning services. A selection panel comprised of PAG staff and a subject matter expert reviewed the proposal. PAG will be entering into negotiations with the firm.
- Began DTA development project and discussed regional input data of the DTA model and initial set up of the model.
- Began development of 2023 traffic count report.
- Continued turning movement count estimation using a new machine learning algorithm.
- Reviewed and prepared relevant contract material and memo for PAG household travel study and assessment.

11 - Regional Integrated Watershed Planning

Goal 1: Fulfill Mandatory Designated Watershed Planning Responsibilities

- Reviewed air quality section of EPAC Environmental Issues List for 2024.
- Completed data request task for Business As Usual greenhouse gas emissions scenarios for PDEQ.
- Attended USDOT webinar: Up, Up, and Away: Innovations in Advanced Air Mobility.
- Attended US Conference of Mayors Local Infrastructure Hub: Charging and Fueling Infrastructure (CFI) Discretionary Grant Program webinar.
- Attended EPA MJO MOVES vehicle emissions modeling meeting.
- Attended EPA Arizona Agency PM2.5 Air Quality Standard Discussion.
- Attended PAG DTA Model Development and Implementation Kick-Off.
- Attended PAG Regional Active Transportation Plan - Kick-Off Meeting.
- Attended EPA Informational Webinars on PM2.5 Designations and Implementation Resources.
- Attended FY 2025-FY 2029 TIP Development - meeting to review internal tasks and review transportation conformity evaluation.
- An EPAC meeting was held where members were asked to recommend approval of the EPAC Top Environmental Issues List for 2024, which included items related to clean water and water quality.

Goal 2: Conduct a regional air quality planning program.

- Attended Sustainable Cities Network Federal Infrastructure Workgroup meeting.

12 - Regional Air Quality Planning

Goal 1: Fulfill mandated responsibilities for air quality modeling and planning

- An EPAC meeting was held where members were asked to recommend approval of the EPAC Top Environmental Issues List for 2024, which included items related to clean air and air quality.
- Continued work to automate overall process to estimate emissions using travel model output and MOVES model.
- Developed TIP forecast year (2035, 2045) TAZ inputs for air quality conformity.

44 - Regional Economic Vitality

Goal 2: Enhance the region's ability to compete in a global economy

- Continued participation in meetings and activities of the Making Action Possible (MAP) Dashboard.
- Attended the Making Action Possible (MAP) Dashboard meeting for MAP Infrastructure indicator review.

- An EPAC meeting was held where members were asked to recommend approval of the EPAC Top Environmental Issues List for 2024, which included items related to clean air and air quality.

36 - Regional Partnering Center Support

Goal 1: Provide staff and administrative support for oversight of RPC projects and programs

- Operated the Sabino Canyon Shuttle
 - Sabino Canyon Trips = 352
 - Bear Canyon Trips = 321
 - Total Passengers in February = 15,898
- Relocated two shuttles from Ajo operation for Bear Canyon
- Disposed of two retired shuttles for Bear Canyon

38 - Travel Reduction Program

Goal 1: Meet the goals and objectives and implement all the tasks and activities as described in the TRP Scope of Work for the ADEQ Air Quality Grant

Strategy: Manage web-based Annual TRP Employer Survey platform for major regional employer data collection and reporting.

- Internet-based employee survey on commuter behavior/alternative mode usage and summary reports.
- Collected employee surveys from 11 TRP companies totaling 5,133 employees in February through the online survey tool. Granted three extensions: Loews Ventana Canyon Resort, The Forum, Life Care Center of Tucson.

Strategy: Communicate and collaborate with program partners, ADEQ, PDEQ and member jurisdictions, on common goals and initiatives related to supporting regional commuters.

- Submitted final ADEQ billing and program activity summary for January 2024 expenses.
- Conducted outreach for zero activity TRP employers stressing compliance with local ordinances.
- Updated PAG budget tracking sheet for FY 2023-FY 2024 ADEQ Grant contract period.

39 - Commuter Services

Goal 1: Reduce auto emissions by providing a commuter assistance/rideshare program and promoting alternative transportation to employers and commuters

- Met with TripSpark (RidePro) representative to discuss platform functionality.

61 – Orthophotos

Goal 1: Coordinate data gathering and remote-sensing activities to enhance planning and decision making

- Ortho contractors delivered the 2023 acquisition for the GIS program to conduct final quality control and uploads.
- Confirmed updated TRP Task Force Membership for 2024-2026 term. Introduced new employer representatives to group.
- Held first of two required virtual TC Training sessions on Feb. 28 with 23 registrants.
- Submitted FY 2024-2025 Scope of Work and budget for review and approval to ADEQ prior to Feb 23, 2024, due date.

63 - Regional Modeling

Goal 3: Conduct Transportation Improvement Program (TIP) and the 2055 RMAP modeling and Title VI Analyses, as needed

- Continued review of inputs and outputs for 2055 RMAP modeling.
- Continued collection of information about known projects for 2055 RMAP employment information.
- Continued reviewing PADs for HU remaining capacity and commercial employment estimation.
- Initiated trip based TDM run process for 2029 TIP including TAZ data and roadway/transit network update.
- Attended AOEO CTS webinar.
- Estimate special generators for TIP 2029 forecast year.
- Applied Title VI Analysis.
- Facilitated PopTech meeting for RMAP update and review of population estimates.
- Reviewed information about known projects for 2055 RMAP employment information.
- Reviewed PADs for HU remaining capacity and commercial employment estimation.
- Continue to develop RMAP performance measures for equity and Justice 40.
- Developed TIP forecast year (2035, 2045) TAZ inputs for air quality conformity.

Goal 6: Evaluate the regional multimodal transportation performance through regional multimodal transportation system

- Conducted literature review for multimodal transportation system performance measures.

46 - RTA Support

Goal 1: Provide staff and administrative support for oversight of RTA projects and programs

Ortho contractors delivered the 2023 acquisition for the GIS program to conduct final quality control and uploads.

Transit contract management and reporting

- Continued contract compliance and monitoring for Total Ride/National Express.
- Conducted two RTA/Total Ride Operations Meetings.
- Continued to work with National Express and Second Generation for a successful transition of Western Pima County services.
- Collaborated with National Express to transfer vehicles to Sabino Canyon yard in order to continue Sabino Canyon's shuttle services.
- Monitored Key Performance Indicators (KPIs) with contractor and updated invoicing protocol.
- Worked with Total Ride/National Express to continue troubleshooting operational issues.
- Facilitated a series of meetings with management and operations staff of the contractor to brainstorm and develop an improved operational plan to improve on-time performance for regional fixed-route services.
- Met with National Express staff to discuss Sun Shuttle dial-a-ride trip length issues.

Transit planning and data analysis

- Monthly data reports reviewed and uploaded into internal database.
- Finalized final draft of the new quarterly booklet for Sun Shuttle services.
- Contributed to planning and finalizing the regional Comprehensive Operational Analysis.
- On-boarded new hire for the Management Analyst position.
- Completed and submitted the 2024 5311 grant application for operational funds for Sun Shuttle's rural transit services.
- Started a new timed connection analysis for fixed-route services.
- Attended meetings regarding the regional microtransit study.
- Met with Town of Marana stakeholders to discuss Route 413.
- Held and facilitated Transit Working Group meeting and public input meeting for FTA Grant 5311.

- Registered for AZTA's 37th Annual Transit Conference.

5310 planning

Goal 4: Develop Multimodal Components of the long-range RMAP

Strategy: Administer Mobility Management Program in partnership with ADOT under the ADOT MPD 5310 Transit Grant Agreement.

- Prepared for the Mobility Coordination Working Group meeting tentatively planned for March 12, 2024. Potential topics for the agenda include Planning for the Coordinated Plan Update, Operational Statistics for FFY2024, Regional Coordination, Discussions related to potential New or Expanded service projects for the FTA Section 5310 FY 2025 grant cycle.
- Worked on elements pertinent to the growth and development of the Ambassador Program administered by National Express.
- Attended the Statewide Mobility Manager's Meeting on Feb. 8, 2024.
- Offered facilitation support during the Ambassador's Meeting on Feb. 27, 2024.
- Developed a summary sheet outlining a proposed project, "Greater Accessibility Program (GAP)" pertinent to FTA Section 5310 funding for Mobility Management during the FY 2023 grant cycle. The summary included overall objectives and details pertinent to growth of regional volunteers via PCOA serving as volunteer drivers and personal accompaniment services for those unable to use fixed-route service and ineligible for paratransit services.
- Worked on the development of guidelines for Personal Care Attendants.
- Worked with ADOT/EQS to support agencies in their efforts to meet vehicle inspection compliance requirements and vehicle transfer requests.
- Worked with subrecipients regarding participating as presenters for the sessions at the upcoming 37th annual AzTA conference in Mesa.
- Ongoing development of efforts to share resources and best practices throughout the region.
- Development of potential approaches to coordinating with case managers across social service agencies and healthcare agencies to address the unique transportation needs of elderly and disabled in both urban and rural areas of the PAG region and incorporate strategies and/or data into the Pima Find A Ride website and potential support for regional disaster preparedness planning.
- Provided technical support to subrecipients regarding RTAP eligibility requirements, FTA guidelines pertinent to vehicle disposals.
- Worked with ADOT to provide technical assistance and updates regarding pending awarded non-modified vehicles in the PAG region.
- Worked with subrecipients regarding the submission of operational statistics for use in the updates to the PAG Public Transit – Human Services Coordinated Transportation Plan.

Strategy: Update Public Transit Human Services Coordinated Transportation Plan under the ADOT MPD 5310 Transit Grant Agreement.

- Began developing an outline of developmental and research-based tasks and prospective public comment initiatives pertinent to the major update to the PAG Public Transit – Human Services Coordinated Transportation Plan in 2024.

Goal 7: Enhance community engagement in and understanding of regional long- and short-range transportation plans and processes.

Strategy: Identify new stakeholders and coordinate group meetings/presentations throughout the region.

- Met with non-profits interested in seeking FTA Section 5310 funding and inclusion in the PAG Public Transit – Human Services Coordinated Transportation Plan.
- Prepared for the Mobility Coordination Working Group meeting tentatively planned for March 12, 2024. Potential topics for the agenda include Planning for the Coordinated Plan Update, Operational

Statistics for FFY2024, Regional Coordination, Discussions related to potential New or Expanded service projects for the FTA Section 5310 FY2025 grant cycle.

- Development of potential approaches to coordinating with case managers across social service agencies and healthcare agencies to address the unique transportation needs of elderly and disabled in both urban and rural areas of the PAG region and incorporate strategies and/or data into the Pima Find A Ride website and potential support for regional disaster preparedness planning.

Goal 19: Provide a resource where travelers can acquire real-time travel information

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47 - MainStreet Business Outreach and RTA Project Implementation

Goal 1: Assist businesses impacted by construction of RTA plan projects

Strategy: Identify and engage business impacted by transportation project construction before and throughout project implementation.

- Continued providing ongoing complimentary MainStreet Business Assistance Program outreach and direct consulting services to the 3,192 businesses located on 12 major RTA projects currently in construction or design. (Roadway Construction: #8, #16 (Phase 3&4); Roadway Design: #1 (Phase 2), #5 (Phase 2), #14, #15, #18 (Phase 3&4); #18 (Phase 5&6), #19 (Phase 2), #22, #25, #32 (Phase #5).
- Continued providing project update emails to current outreach area businesses with 12,097 project update emails sent January through December 2023

95 - Transportation Art by Youth Program

Goal: Enhance the transportation experience, improve the quality of life within the community, and strengthen community identity, while also providing education and opportunity for local youth to create public art

- Program administration, including maintenance and implementation of procedures and policies that facilitate public TABY installations.
- Jurisdictional support in the development of approved projects.