

OWP Monthly Report

July 2024

Mobility | Sustainability | Livability

40 – Transportation Activities

Goal 1: Meet federal mandates for regional transportation planning

- Continued to coordinate individually with jurisdictions to refine the 2055 RMAP project list within the anticipated fiscal constraint.
- Continued development of RMAP 2055 performance measure targets.
- Continued to draft and develop components of the 2055 RMAP.
- Continued to delineate newly proposed RMAP 2055 transportation projects in the geodatabase.
- Verified most relevant and up-to-date J40-related data sources and took steps in development of PAG maps utilizing J40 data across the Transportation Management Area and Pima County for use in the RMAP 2055 report.

Goal 2: Establish and Implement a Performance Management Program

- Collected ADOT crash datasets for performance measure management.
- Initiated metadata documentation for mappable PMs to document in the RMAP report, to ensure consistency of use of data sources in various PAG platforms, and to ease coordination of updates for the online RMAP Explorer and dashboard portals.

Goal 3: Title VI and Environmental Justice Planning and Compliance

- Updated TIP Title VI and EJ maps used within the Title VI Plan to enhance text size at ADOT's request.

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

- Worked on elements pertinent to the growth and development of the Ambassador Program administered by National Express.
- Attended and offered facilitation support for the National Express Ambassador's Meeting on July 25, 2024.
- Worked with ADOT/EQS to support agencies in their efforts to meet vehicle inspection compliance requirements and vehicle transfer requests.
- Ongoing development of efforts to share resources and best practices throughout the region, including those pertinent to driver training, fleet management and accessibility initiatives.
- Development of potential approaches to coordinating with case managers across social service agencies and healthcare agencies to address the unique transportation needs of the elderly and disabled in both urban and rural areas of the greater Tucson 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 FTA guidelines pertinent to vehicle disposals.
- Worked with ADOT to provide technical assistance and updates regarding pending awarded non-modified vehicles in the greater Tucson region.
- Supported subrecipients of FTA Section 5310 funding and members of the Coordinated Mobility Working Group to improve their understanding of Regional Coordination, important documentation and how to plan for the upcoming FY 2025 FTA Section 5310 Grant Cycle.
- Worked on elements related to paratransit services and clarifying compliance-related elements as per the FTA and the American Disabilities Act.
- Explored potential coordination opportunities between human service organizations and support-based services for volunteer driver programs with the aim of bridging service gaps for elderly and disabled populations outside of the fixed-route service area and ineligible for paratransit.
- Worked on efforts to enhance ADA service and operational provisions through regional coordination with public paratransit agencies and non-profits receiving 5310 funding.
- Supported subrecipients with identifying and/or developing new driver/staff training resources and exploring opportunities for the coordination of training resources to better serve elderly and disabled populations in the region.
- Continued development of 2055 RMAP performance measure targets and presented recommended targets and status to the RMAP Working Group.
- Continued to work with jurisdictional partners to refine the 2055 RMAP project list and associated multimodal components, including meeting individually with jurisdictional representatives.
- Continued to draft and develop multimodal components of the 2055 RMAP.
- Continued coordination with the consultant on the overall development of the RATP, which will be used in the development of the 2055 RMAP to the extent possible and future long-range transportation plans. The first phase of public outreach for the RATP began as well and will run through Sept. 6.
- Held an RMAP Working Group meeting to discuss multimodal components of the RMAP via further discussion and refinement of the project list.
- Began planning for an August RMAP Working Group meeting to recommend approval of a draft 2055 RMAP project list.
- A kickoff meeting between PAG staff and the consultant was held for the Dial-a-Ride and Microtransit Service Area Analysis and Comprehensive Transit Planning Study for the Picture Rocks and Vail Areas. This study will inform multimodal components of the RMAP.
- Continued promoting the RMAP survey via a paid multimedia campaign, email campaign, social media posts, news releases, newsletter articles, website alerts and drop-in events. PAG staff attended 10 in-person events and engaged over 300 people. The survey results will inform multimodal components of the RMAP.
- Continued coordinating with consultants on the RATP and microtransit project to promote carbon reduction.
- Began QC of the first round of Ecopia feature extraction data for alternate modes of transportation.
- Provided GIS data as requested by the RATP consultant.

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

- 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 promoting the RMAP survey via a paid multimedia campaign, email campaign, social media posts, news releases, newsletter articles, website alerts and drop-in events. PAG staff attended 10 in-person events and engaged over 300 people. The survey results will inform multimodal components of the RMAP.
- Public outreach for the RATP began and will continue through Sept. 6. The public can provide feedback on the plan vision, goals, preferred active transportation treatments, and challenges via an online survey and interactive map. Four targeted in-person events also will be held, one in July and three in August.

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

- PAG staff attended 10 pop-in events in disadvantaged areas to engage new community members and promote the 2055 RMAP survey. Over 300 community members were engaged.
- Public outreach for the RATP began and will continue through Sept. 6. The public can provide feedback on the plan vision, goals, preferred active transportation treatments, and challenges via an online survey and interactive map. Four targeted in-person events also will be held, one in July and three in August.

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 Transportation Improvement Program (TIP), including conducting meetings, preparing amendments, and HURF reimbursements.

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.

Goal 11: Maintain funding levels to the region

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

Goal 12: Assess and maintain fiscal constraint for transportation plans and programs

- Coordinated individually with member jurisdictions to update the RMAP financial plan with the most accurate numbers from local funding contributions.

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

Strategy: Develop database applications and map products.

- Continued evaluating, updating, archiving, and/or reorganizing PAG's ArcGIS Online content.
- Continued delivering PAG's regional data to member jurisdictions and the public, when requested.

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.

- Continued development of the RATP and microtransit project, which will ultimately help reduce auto emissions and promote alternative transportation for commuters.

- Attended RMAP Working Group meeting to support discussion of air quality performance measures.
- Attended monthly RATP project check-in call.

Strategy: Provide vanpool subsidies to reduce commute costs.

- Processed vanpool subsidy invoice for 14 vehicles in vanpool program.
- Posted updated RFP for vanpool contract. The RFP closes Aug. 9, 2024. The current contract expires Sept. 11, 2024.

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.

- Continued coordination with the consultant on the overall development of the PAG Regional Active Transportation Plan (RATP), which will be used to inform active transportation elements in the 2055 RMAP to the extent feasible and future long-range transportation plans. The current focus is on public outreach that will continue through Sept. 6. The public can provide feedback on the plan vision, goals, preferred active transportation treatments, and challenges via an interactive map and survey and in-person at four targeted outreach events. The consultant is also working on in-depth analysis for the level of traffic stress, equity and public health, and connectivity following the data collection phase. This plan will ultimately inform the RMAP and other long-range transportation plans.
- Continued to work with jurisdictional partners on the 2055 RMAP project list which includes planning for non-motorized forms of transportation.
- Continued support for the development of a printed version of Tucson Metro Bikeways Map which has been updated to feature new safety information and reflect new infrastructure. The update is nearly complete and has received review by internal and external subject matter experts.

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 a draft approach design document and model test recommendation memo prepared by PAG consultant.
- Discussed the options of the exploratory tool visualization.

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

- Reviewed RMAP performance targets with the 2055 RMAP Working Group and status toward target attainment. These targets will be brought to TPC for consideration in August.
- Continued literature review of the multimodal transportation system performance measures.
- Reviewed the report for Task 4 (Pedestrian Data Collection and Analysis) of the UA Project III.
- Continued turning movement count estimation using a new machine learning algorithm.
- Continued to prepare a post card, a microsite, and survey questions working closely with the PAG Communications team and ETC Institute for a pilot test of PAG Household Travel Study and Assessment project.
- Completed a draft location selection for 2024-2025 traffic counts and shared the locations with jurisdictions for their review.
- Continued UA Task 4, traffic count statistics development.
- Concluded work updating R code to compute in-kind contribution from regional Miovision sensor data.
- Transferred Ecopia Workshop feedback to the RATP project regarding infrastructure inventories needed to support alternate modes of transportation in assessments of gaps, assets, J40 needs and carbon reduction.

11 - Regional Integrated Watershed Planning

- Continued to monitor ADEQ's AZPDES permits-in-process map and public notices for advance notice of potential consistency reviews or other PAG 208 processes, including the Copper World APP.
- Continued working on annual Administrative Updates to the appendices of the PAG Areawide Water Quality Management Plan (208 Plan).
- Continued to follow up on a 208 inquiry from the Town of Marana and Pima County relating to Designated Management Agency and service area boundaries.
- Completed QA/QC of June 2024 riparian health assessment data for Cienega Creek and Davidson Canyon and Watershed staff finalized the data.
- Participated in Pima County's Floodplain Management Plan Update Planning Committee meeting and coordinated with PAG's Data Science team to respond to a request for most recent approved population projections for inclusion in the plan update.
- Participated in the 2024 Esri User Conference, continuing to build GIS expertise to benefit PAG's watershed and other integrated planning efforts.
- Began compiling annual reports for PAG's riparian health assessments and stormwater pollution prevention activities.

Goal 2: Enhance Watershed Coordination for a more Vibrant Human Environment

- Continued to build an interactive GIS StoryMap utilizing PAG's long-term riparian health assessment data to highlight trends for land and water managers and demonstrate the value of long-term, consistent monitoring and data collection. Updates in progress include finalizing data analysis for 2024 and updating annual summary figures.

12 - Regional Air Quality Planning

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

- Coordinated with FHWA staff for continued air quality transportation conformity discussions/meeting for the FY 2025-FY 2029 TIP.
- Met with ADEQ staff for discussion of EPA Air Emissions Reporting Rule proposed amendments.

Goal 2: Conduct a regional air quality planning program

- Attended Sustainable Cities Network Federal Infrastructure Workgroup meeting.

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.

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 = 252
 - Bear Canyon Trips = 248
 - Total Passengers in April = 2,835
- Participated in USFS coordination call with Forest Service staff.
- Met with TEP to explore vehicle replacement schedule and operational plan through end of USFS permit in December 2028.
- Met with Sabino Retail Manager to explore merchandise display and consignment inside facility.
- Completed summer maintenance for shuttles.

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.

Began analysis for annual TRP report to ADEQ, including analysis of ADOT MVD vehicle registration data, preparation of MOVES inputs, and calculation of miles saved:

- Internet-based employee survey on commuter behavior/alternative mode usage and summary reports.
- Collected employee surveys from 16 TRP companies totaling 5,591 employees in June. Granted three extensions: Omni Tucson National Golf Resort Spa and Westin La Paloma and UPS.

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 June 2024 expenses.
- Updated PAG budget tracking sheet for FY 2023-24 ADEQ Grant contract period.
- Coordinated with ADEQ Program Manager to align expense tracking to confirm ADEQ requirements by expense category.

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

- Began testing of ABM for RMAP modeling.
- Began review of performance measure GISDK scripts in preparation for update to performance measures.
- Participated in AOEO CTS meeting to discuss population issues.
- Submitted a group quarter report to AOEO.

Goal 4: Review and update annual population estimates and develop the sub-county population projection for PAG member agencies

- Continued collection and review of the first quarter of 2024 building permits data.

Goal 5: Develop regional employment data

- Continued employment data processing optimization.

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

- Continued literature review of the multimodal transportation system performance measures.
- Continued reviewing in-house developed GTFS stop-to-stop travel time estimation model.
- Reviewed the report for Task 4 (Pedestrian Data Collection and Analysis) of the UA Project III.
- Continued to meet with UA Team and review presentations and reports for projects 3 and 4.

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.

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

- Confirmed five of 10 seats employer representative seats for 2024-2026 Regional Task Force.

39 - Commuter Services

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

- Administered TRP Employee Survey for 16 employers of which two were Remote Work Employers, Simpleview and GEICO.
- 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

Contacted jurisdictions for remaining commitments of financial match support and in-kind support for orthophotos and continued delivering 2023 datasets as requested. Sent out a patch for errors found.

63 - Regional Modeling

Goal 5: Develop regional employment data

- Continued employment data processing optimization.

46 - RTA Support

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

- Continued contract compliance and monitoring for Total Ride/National Express.
- GIS staff initiated a map of the 2005 street network representing conditions prior to the establishment of the RTA.

Transit contract management and reporting

- Worked with Ecolane and WeDriveU to roll out app improvements for ADA DAR.
- Continued contract compliance and monitoring for Total Ride/WeDriveU.
- Conducted three RTA/Total Ride Operations Meetings.
- Monitored Key Performance Indicators (KPIs) with contractor, and updated invoicing protocol.
- Worked with Total Ride/WeDriveU to continue troubleshooting operational issues.
- Facilitated a series of meetings with management and operations staff of our Contractor to brainstorm and develop an improved operational plan to improve on-time performance for regional fixed route and dial-a-ride services.
- Worked with RPTA on new billing processes, insurance requirements and IGA Amendments.
- Completed FTA grant 5311 reimbursement request for March 2024.
- Traveled to Ajo to review Ajo transit service operations and met with Valley Metro staff to discuss data collection techniques.
- Worked with PAG's finance and TIP programming teams on a more accurate method of coding and programming FTA grant 5311 awarded funding.
- Met with ADOT staff to discuss PAG's Title VI Implementation Plan for 2024.

- Compiled Missed Trip Data for contract years 2022, 2023 and 2024 in comparison to invoiced amounts.
- Built tools to easily and quickly verify OTP and missed trips data provided by WeDriveU for both Fixed Route and SSDAR.

Transit planning and data analysis

- Conducted an internal audit of all new Sun Shuttle bus stop signs in the region.
- Helped PAG's transportation team finalize the microtransit study's scope of work and contract with Kimley Horn.
- Worked with Town of Marana staff on the installation of new Sun Shuttle bus stop signs in Marana.
- Attended Microtransit study kickoff meeting with Kimley Horn.
- Attended Transit Working Group (TWG) meeting with regional stakeholders.

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

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

- Continued 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.

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 2024.