

OWP Monthly Report

November 2023

Mobility | Sustainability | Livability

40 – Transportation Activities

Goal 1: Meet federal mandates for regional transportation planning

- 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 2022 NPMRDS performance measure update including peak hour excessive delay measure.
- Held a working group meeting to discuss and get feedback on performance measures and projects for the 2055 RMAP to achieve a fiscally constrained plan.
- Continued development of 2055 RMAP performance measure targets
- GIS staff continued development of RMAP map templates for the plan.
- Continued GIS mapping support through development of a draft template map for the next TIP plan document for new project year ranges (FY 2025–2029).
- GIS staff added line and point geometry to the RMAP database taken from input from the member agencies.
- Continued monitoring planning document conformance between the RMAP listing of projects and the PAG TIP listing of projects and maintaining project numbers.

Goal 2: Establish and Implement a Performance Management Program

- Continued GIS coordination of updates to project locations for TIP project development and selection.
- Continued TIP project development, including programming and monitoring new project linework of GIS mapping for the TIP database and documents.
- Continued ongoing maintenance and updates to the Performance Measure Dashboard tool.
- Continued ongoing monitoring of ADOT's performance measures for the FAST Act.
- GIS staff continued updates to project locations for TIP project development and selection.

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, 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.

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

- Met with a working group to discuss the 2055 RMAP project list which comprises 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.

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

- Continued: Monitoring and management of regional plans and programs.

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

- **Strategy: Develop database applications and map products.**

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.**
- Began meeting with a consultant to develop a Microtransit Study. A signed contract is pending.

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.

- Began meeting with a consultant to begin development of the PAG Regional Active Transportation Plan. A signed contract is pending.

Goal 24: Plan for incident management and emergency response on a regional level for advanced transportation technologies to improve emergency evacuation and response by federal, state, and local authorities

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

- Attended Smart Growth America's webinar "Complete Streets Power Hour."

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

- Continued development of printed version of Tucson Metro Bikeways Map.

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 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.

- Continued review of PAG ABM development documentation.
- Continued the ABM exploratory tool development project literature review.

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

- Scheduled UA project kick-off meeting and reviewed the meeting material.
- Continued DTA project procurement process.
- Continued test of DTA model.
- Began review of 2023 traffic counts.
- Continued turning movement count estimation using a new machine learning algorithm.
- Finalized RFQ process for PAG Household Travel Study and Assessment project.
- Completed the contract and SOW documentation update of PAG Household Travel Study and Assessment project.

12 - Regional Air Quality Planning

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

- Attended EPA Multijurisdictional Organization Air Quality Transportation Emission Modeling MOVES meeting.
- Continued work to automate overall process to estimate emissions using travel model output and MOVES model.

Goal 2: Conduct a regional air quality planning program

- Attended Sustainable Cities Network Federal Infrastructure Workgroup meeting.
- Attended Sustainable Cities Network Electric Vehicle Workgroup - EV Grant Project Workshop.
- Submitted comments to ADOT for the ADOT Carbon Reduction Program Draft Strategy.
- Attended GSA/DOE RFI for Technologies that Support Net-Zero Carbon Buildings webinar.
- Attended USDOE Overview of the Clean Fuels & Products Energy Earthshot: Alternative Sources of Carbon-Based Products webinar.
- Attended USDOE H2IQ: Hydrogen Safety Panel webinar.

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=237
 - Bear Canyon Trips=232
 - Total Passengers in November=9,723
- Participated in Monthly meeting with U.S. Forest Service team and Crawler staff.
- Addressed several repair solutions for high season shuttle operations.

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.

- Resubmitted NTD Report package via FTA Appian System to address FTA analyst questions about past year variances. Submission completed before Nov. 25 deadline.
- 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 18 TRP companies totaling 13,645 employees in November through the online survey tool. Granted four extensions: Raytheon, R&R Products, Jewish Community Center and Community Food Bank representing 13,940 employees. Raytheon represents 13,381 employees.
- **Strategy: Communicate and collaborate with program partners, ADEQ, PDEQ and member jurisdictions, on common goals and initiatives related to supporting regional commuters.**
- Hosted second of two required Regional Task Force Meetings on Nov. 20.
- Distributed nomination materials to TRP organizations in preparation of installation of 2024-2026 Regional Task Force Members.
- Submitted final ADEQ billing and program activity summary for October 2023 expenses.
- Conducted outreach for zero activity TRP employers stressing compliance with local ordinances.
- Updated PAG budget tracking sheet for FY 23-24 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

- Submitted online enhancement list for execution with PAG Developer of TRP platform.

63 - Regional Modeling

Goal 1: Apply developed ABM to support PAG's planning efforts including RMAP and TIP

- Initiated the review of PAG ABM development documentation.
- Continued review of PAG ABM development documentation.
- Continued ABM exploratory tool development project literature review.
- Geocoded collected FY 2023 building permit data and updated HU inventory including the latest building permit data.

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.

Goal 5: Develop regional employment data

- Concluded 2021/2022 business listing review and processing for employment database.
- Prepared 2022-2055 Employment Forecast for RMAP 2022-2055
- Continued employment data processing optimization.

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

- Scheduled UA project kick-off meeting and reviewed the meeting material.

46 - RTA Support

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

- Reviewed financial exhibits for new IGAs and IGA amendments.
- Continued contract compliance and monitoring for Total Ride/National Express.
- Conducted two RTA/Total Ride Operations Meetings.
- Continued work with National Express Ltd. on the transfer of Ajo transit services.
- Collaborated with Valley Metro to deliver IGA to continue Western Pima County Sun Shuttle services.
- Monitored Key Performance Indicators (KPIs) with contractor, and updated invoicing protocol.
- Worked with Total Ride/National Express to continue troubleshooting operational issues.
- Provided budgetary approval of RTA invoices from jurisdictions.
- 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 services.
- Performed an internal audit of Contractor invoicing and data reporting. Errors were identified and communicated to the contractor, and training and reminders of best practices were shared with their new team.
- Attended paratransit service improvement meeting with National Express.
- Wrote and delivered multiple memos to various stakeholders.
- Worked with National Express to onboard the new Operations Manager.
- Provided budgetary approval of RTA invoices from jurisdictions.
- Developed financial exhibits for new IGAs and IGA amendments.
- Maintained off-line RTA cashflow sheet. This sheet tracks fund balances and programming through 2026 of RTA and supplanted HURF (12R).
- Updated project and IGA budget within RTA web.
- Revised the Project Cost Worksheet to include fiscal years 2027 and 2028. This revision is intended primarily for STBG allocations in post-RTA years.
- Attended monthly project updates for Element I roadway projects.
- Provided unexpended budgets from projects to jurisdictions in annual rollover meetings.
- Provided final expenditures and rollover budgets for transit.

- Updated TIP proposed with FY 2023 final expenditures and FY 2024 RTA TPT programming.
- Reviewed financial exhibits for new IGAs and IGA amendments (5310 planning).

Transit planning and data analysis

- Reviewed financial exhibits for new IGAs and IGA amendments. **(5310 planning)**.
- Sun Tran Marketing discussions with Sun Tran marketing team for targeted marketing campaigns for new Sun Shuttle route changes.
- Monthly data reports reviewed and uploaded into the internal database.
- Implemented new quarterly booklet for Sun Shuttle services.
- Attended stakeholder meetings, COA meetings, and advised the CAC on several issues.
- Facilitated Transit Working Group meeting to discuss Transit TIP project lists for fiscal years 2025 through 2029.
- Created SOP for invoice auditing for contracted transit providers.
- Reviewed microtransit pilot bid submissions and offered recommendations.
- Met with consultants selected to conduct PAG's microtransit study to finalize scope of work.
- Collaborated with app developer to troubleshoot and solve database issues related to monthly operating reports.

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.
- Collaborated with app developer to troubleshoot and solve database issues related to monthly operating reports.
- Facilitated the Mobility Coordination Working Group meeting on Nov. 16.
- Worked on elements pertinent to the growth and development of the Ambassador Program administered by National Express.
- Began developing an outline of potential funding projects pertinent to FTA Section 5310 funding for Mobility Management during the FY 2024 grant cycle.
- Prepared for the upcoming Mobility Coordination Working Group Meeting tentatively scheduled for Dec. 14, 2023.
- Worked on the development of guidelines for Personal Care Attendants and a potential certification program through PCOA.
- Worked with ADOT/EQS to support agencies in their efforts to meet vehicle inspection compliance requirements and vehicle transfer requests.
- Developed checklists and tools pertinent to taking delivery of awarded vehicles, including preparations, insurance requirements, working with vendors and vehicle inspection process during delivery.
- Worked with AzTA regarding sessions for 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 planning area.
- Continued planning for potential Emergency Planning Training in the PAG region.
- Worked with AzTA regarding sessions for the upcoming 37th Annual AzTA conference in Mesa.
- Worked with ADOT/EQS to support agencies in their efforts to meet vehicle inspection compliance requirements and vehicle transfer requests.
- **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**
- Conducted updates for the 5310 Coordinated Mobility Working Group list serv.
- Created a draft supplement to the Welcome Packet/ 5310 Fundamentals and Intro Packet with helpful links/resources and content pertinent to the FTA Section 5310 Coordinated Mobility Program.
- 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 upcoming Mobility Coordination Working Group Meeting tentatively scheduled for Dec. 14, 2023.
- Worked on the development of guidelines for Personal Care Attendants and a potential certification program through PCOA.
- 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

- Met with non-profits interested in seeking FTA Section 5310 funding and inclusion in the PAG Public Transit Human Services Coordinated Transportation Plan.
- Worked on the summary report of the Mapping Project which included the integration of census block data/TAZ, major cross street integration and search related layers for pulling specific visual data in the maps for trip planning and regional planning/ future updates to the Public Transit Human Services Coordinated Transportation Plan.

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. Currently 11,838 project update emails sent year-to-date (January 2023 through November 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

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