

# OWP Monthly Report

January 2024

Mobility | Sustainability | Livability

## 40 – Transportation Activities

### Goal 1: Meet federal mandates for regional transportation planning

- Completed calculation of 2022 NPMRDS performance measures including reliability measures, annual hours of peak-hour excessive delay per capita, and percent of non-single occupancy vehicle travel measure.
- 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.
- GIS staff continued development of RMAP map templates for the plan update.
- GIS mapping support through development of a draft template map 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.
- Review and prepare RMAP financial plan forecasts.

### Goal 2: Establish and Implement a Performance Management Program

- Discussed new GHG measure development using available tools including MOVES model.
- Continued GIS coordination of updates to project locations for TIP project development and selection.
- TIP project development, including programming and monitoring new project linework of GIS mapping for the TIP database and documents.
- GIS coordination of updates to project locations for TIP project development and selection.
- Continued updates and development of performance measure dashboard tool.
- Adopted ADOT 2024 safety projections for five performance measures required by FAST Act.

### Goal 3: Title VI and Environmental Justice Planning and Compliance

- Prepared 2022 ACS 5-year estimates for Title VI analysis.
- Prepared 2022 ACS 5-year estimates for TIP socio-economic data.
- GIS staff updated geometry based on new TAZ data and initiated development of draft templates for TIP Title VI maps.

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

- Held a second 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.

- GIS mapping support through development of a draft template map for the next RMAP plan update document and delineation of project locations.
- Development of printed version of Tucson Metro Bikeways Map.

**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.
- Ongoing work related to implementation and funding of the Regional Transportation Alternatives Grant Program.

**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.
- Ongoing 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.
- Track and prepare reports on local, state and federal funding

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

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

- Continued: Reorganizing ArcGIS Online content and moving objects to archive.

**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. Two vans were canceled in January 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.**

- The PAG Regional Council approved a contract with Kimley-Horn to develop the Regional Active Transportation Plan, which will inform the multimodal components of the RMAP.

**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**

- Continue to work with jurisdictional partners to refine the 2055 RMAP project list and associated multimodal components.
- GIS team provide data for the continued development of the printed version of PAG's 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.**

**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 organized coordination 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.**

- Continued review of PAG ABM development documentation.
- ABM exploratory tool development procurement procedure and relevant documentation.

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

- Facilitated UA project kick-off meeting and discussed the scope of the project.
- Continued DTA project procurement process.
- Continued DTA model development.
- Completed review of contractor-collected traffic counts.
- Continued turning movement count estimation using a new machine learning algorithm.
- Updated Scope of Work (SOW) and prepared Request for Quote (RFQ) documents to prepare a solicitation process for PAG Household Travel study and Assessment project.
- A contract with Kimley-Horn to develop a Regional Active Transportation Plan was approved by the PAG Regional Council.
- An RFQ for the PAG Microtransit Project was re-released to three consulting firms from the SVMPO on-call list for planning services.
- Scope of Work development for orthophoto feature extraction to support alternate modes of transportation gap/assets/needs assessment in order to inform the CRP plan.

## **11 - Regional Integrated Watershed Planning**

**Goal 1: Fulfill Mandatory Designated Watershed Planning Responsibilities**

- 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.
- Continued to provide updates on regional watershed priorities and local water issues for the PAG's Environmental Planning Advisory Committee (EPAC) Top Environmental Issues List for 2024.
- Continued working on annual Administrative Updates to the appendices of the PAG Areawide Water Quality Management Plan (208 Plan).
- Continued data processing for December riparian health assessments for Cienega Creek and Davidson Canyon, within the Cienega Creek Natural Preserve.
- Began to build a test interactive StoryMap utilizing PAG's long-term Cienega Creek and Davidson Canyon riparian health assessment data to highlight trends over the past four decades and demonstrate the value of long-term, consistent monitoring and data collection.
- Began participation in a free Esri massive open online course on Going Places with Spatial Analysis, utilizing ArcGIS Online to perform spatial data analysis and enrich data for use in planning tools such as PAG's Resiliency Planning Maps.
- Began planning a potential spring meeting of the PAG Watershed Planning Subcommittee (WPS).
- Updated the WPS interested parties email list.
- Shared news updates with the PAG Stormwater Management Working Group interested parties email list.
- Reviewed PAG Watershed Planning webpages and recommended updates.
- Helped coordinate, facilitate and participate in the Santa Cruz Watershed Collaborative annual partner meeting.

## 12 - Regional Air Quality Planning

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

- Continued work to automate overall process to estimate emissions using travel model output and MOVES model.
- Prepared Interagency Consultation Memo for FY 2025–FY 2029 TIP Air Quality Transportation Conformity proposed procedures for regional emissions analysis and regionally significant projects.
- Attended FHWA Cutting Carbon from Transportation: State and Local Best Practices webinar.
- Presented update to Regional Council of CRP projects and GHG Performance Measure.
- Prepared Business as Usual greenhouse gas emission projections for PDEQ data request related to the Tucson MSA Priority Climate Action Plan.
- Prepared local inputs for MOVES motor vehicle emissions modeling for FY 2025–FY 2029 TIP.

## 44 - Regional Economic Vitality

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

- Planning staff met with EPAC chair and vice chair to review future agenda items and the annual issues list update, and PAG staff solicited review and additional contributions to the issues list update from EPAC members and its subcommittee's interested parties.

## 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=369
  - Bear Canyon Trips=337
  - Total Passengers in January=10,367
- Purchased new work truck to replace leased vehicle originally in previous contract.

## 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.**

- Submitted NTD Safety and Security CEO Certification Form (S&S-20) report for 2023.

**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 eight TRP companies totaling 1461 employees in January through the online survey tool. Granted three extensions: Community Food Bank, Atrium Hospitality and Town of Sahuarita.

**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 December 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.

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

- Completed: GIS staff developed maps of Fry's TRP survey results for commute areas.

### **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 Jan. 10 to discuss platform functionality.
- Updated online AIR Survey functionality for April implementation.

### **61 – Orthophotos**

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

- Ortho contractors completed the 2023 flights for the GIS program.

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

**Goal 5: Develop regional employment data**

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

### **63 - Regional Modeling**

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

- Continued test of PAG ABM runs for RMAP 2055.

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

- Review of equity and J40 performance measures and developed a quick measure for J40 disadvantaged group roadway usage percentage using select link analysis.
- 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.
- Completed update of base year special generators for 2029 TIP.
- Completed review of 2023 AOEO population estimates.
- Continue update of 2023 housing unit inventory.
- Initiated trip-based TDM run process for 2029 TIP including TAZ data and roadway/transit network update.
- Attended AOEO CTS meeting.
- Facilitated PopTech meeting for RMAP update and review of population estimates.

#### **Goal 5: Develop regional employment data**

- Delivered 2021/2022 State Employment Database Update to MAG.
- Continued employment data processing optimization.

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

- Facilitated UA project kick-off meeting and discussed the scope of the project.

### **46 - RTA Support**

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

- Continued GIS mapping support for RTA including development of template pre-, post-, and next maps, data accuracy checks, testing of map queries, and delineation of RTA Next project areas.

#### **Transit contract management and reporting**

- Continued contract compliance and monitoring for Total Ride/National Express.
- Conducted two RTA/Total Ride Operations Meetings.
- Worked with National Express and Second Generation for a successful transition of Western Pima County services.
- Developed financial exhibits for new IGAs and IGA amendments.
- Attended monthly project updates for Element I roadway projects.
- 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.
- Worked with Total Ride/National Express to continue troubleshooting operational issues
- Updated TIP proposed with FY 2023 final expenditures and FY 2024 RTA TPT programming.
- Reviewed financial exhibits for new IGAs and IGA amendments.
- 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.
- Met with National Express staff to discuss Sun Shuttle dial-a-ride no-show policies.
- Met with Valley Metro staff to discuss the future of Route 685, which travels between Ajo and Phoenix.
- Attended paratransit eligibility appeals hearing.
- Provided budgetary approval of RTA invoices from jurisdictions.
- Monitored Key Performance Indicators (KPIs) with contractor, and updated invoicing protocol.
- Reviewed financial exhibits for new IGAs and IGA amendments.
- Collaborated with Valley Metro to transfer vehicles to National Express in order to continue Western Pima County Sun Shuttle services.

## **Transit planning and data analysis**

- 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 internal database.
- Finalized final draft of the new quarterly booklet for Sun Shuttle services.
- Published GTFS-RT Feed, which allows riders to locate buses online in real-time.
- Contributed to planning and finalizing the regional Comprehensive Operational Analysis.
- Interviewed for, and produced onboarding material for new Management Analyst.
- Attended 5311 Webinar that detailed process for successfully completing the 2024 grant application for operational funding.
- Audited new Sun Shuttle signage that was recently installed along all fixed routes.
- Finalized the 2024 Public Transportation Agency Safety Plan (PTASP) and had it approved by the RTA Board.
- Began the process of completing the 2024 5311 grant application for operational funds for Sun Shuttle's rural transit services.
- Attended a Swiftly software training on transit data management.

## **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 Feb. 6, 2024.
- Worked on elements pertinent to the growth and development of the Ambassador Program administered by National Express.
- Co-facilitated an Ambassador's Meeting on Jan. 25, 2024.
- Developed a summary sheet outlining a proposed project, "Customer Journey Mapping – Paratransit," pertinent to FTA Section 5310 funding for Mobility Management during the FY 2024 grant cycle.
- 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.
- Worked with AzTA regarding sessions for the upcoming 37<sup>th</sup> 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.
- Continued planning for potential Emergency Planning Training in the PAG region.
- 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.
- Worked on the development of guidelines for Personal Care Attendants and a potential certification program through PCOA.
- Prepared for the Mobility Coordination Working Group meeting tentatively planned for Feb. 6, 2024. Potential topics on the agenda include Coordinated Plan Updates and Operational Statistics, Fleet Utilization and New or Expanded service projects for the FY2025 grant cycle.
- Facilitated the Social Services Planning Subcommittee meetings pertinent to the Funding and Service intents for SFY2025 as provided by Arizona Department of Economic Security for the Social Services Block Grant (SSBG).
- Worked with the communications team to have the recommendations from the Social Services Planning Subcommittee pertinent to the SSBG funding and service intents were posted for public comment.
- GIS staff provided PAG transportation planners and communications staff with J40 maps created through the Sun Cloud portal to inform open house locations.
- Integrated planning staff provided other PAG transportation planners and communications staff with updated contacts lists to meet J40 goals.

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

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

- Submitted the summary report to ADOT on Dec. 6, 2023, 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. All these elements play a role in the associated enhancements to Pima Find a Ride.

#### **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 3,088 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 11,285 project update emails sent over the past year (February 2023 through January 2024).

#### **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.