

Transportation Planning Committee (TPC) Meeting

9:00 a.m., Wednesday, March 20, 2024
1 E. Broadway Blvd., Fourth Floor
Tucson, AZ 85701

Public Access to Meeting Audio/Presentation: <https://youtube.com/live/Zu1x4FkmaLc>

Pursuant to A.R.S. 38-431.02, notice is hereby given to the public and to the Committee members that the Transportation Planning Committee (TPC) of Pima Association of Governments will meet at the above stated time and date.

SPECIAL NOTICE: Members of the TPC may attend the meeting remotely or in person. The meeting room will be open to the public. However, members of the public are invited to attend the meeting via the link above. TPC members will be provided with a separate link to participate. Members of the public may submit written comments relating to this meeting to info@pagregion.com within one hour of the meeting's posted start time. These comments will be filed with the committee's records.

The TPC is a technical advisory committee established by PAG to make recommendations to the PAG Executive Director. The TPC provides technical review and develops recommendations on studies, reports, plans, programs and submittals in support of continuous, comprehensive and cooperative multimodal regional transportation planning and programming within the PAG planning area and in full compliance with PAG policies and procedures.

PAG is committed to maintaining high standards of conduct and prohibits harassment and retaliation against all employees pursuant to Pima Association of Governments' Policy Against Discrimination, Harassment and Retaliation. It is the responsibility of all committee members to comply with and to report violations or suspected violations of the Rules of Conduct, PAG/RTA policies, or state laws.

PAG's Rules of Conduct require committee members to observe high standards of conduct and personal ethics in the conduct of their duties and responsibilities. Committee members are prohibited from interfering with the administrative functions of the organization and must comply with the open meeting law and all other applicable laws, regulations and policies.

AGENDA

1. Call to Order and Introductions

2. In-kind Reporting

PAG staff will ask participants to confirm an estimated in-kind time for this meeting.

3. Approval of the March 6, 2024, Meeting Summary

Action: Approval of Meeting Summary.

4. FY 2025–FY 2029 TIP development process update

Staff will be available to provide any updates on the PAG Transportation Improvement Program (TIP) development process.

Action: The TPC will be asked to recommend approval of the draft PAG FY 2025–FY 2029 Transportation Improvement Program project list.

5. Regional Mobility and Accessibility Plan (RMAP) Update

Staff will present an update on the development of PAG's upcoming long-range transportation

plan, the 2055 RMAP. Updates include:

- Activity Based Model Development
- RMAP Working Group Updates
- Project list update

This is an information item.

6. Dynamic Traffic Assignment Model Development

Staff will present an update on the development of PAG's Dynamic Traffic Assignment Model.

This is an information item.

7. Activity Based Model Exploratory Tool Development

Staff will present an update on the development of the Activity Based Model Exploratory Tool Development.

This is an information item.

8. Multimodal Performance Assessment (U of A Project III)

Staff will present and update on the Leveraging Existing Data Sources to Obtain Performance Measures for a Multimodal Transportation System project currently being developed in conjunction with the University of Arizona.

This is an information item.

9. Regional Active Modes Plan Update

Staff will provide an update on the development of the Regional Active Modes Plan.

This is an information item.

10. Future agenda items

Members of the committee may suggest agenda topics to be considered by PAG for discussion at a future meeting.

****Pursuant to Arizona open meeting laws, the committee cannot discuss or take action today on any matters raised under this agenda item. Under this agenda item, committee members are also prohibited from returning to other agenda items which have been previously discussed and acted on earlier in this meeting.*

11. Adjournment

The Transportation Planning Committee meeting packet containing material related to the meeting is available at www.PAGregion.com for public review. In compliance with the Americans with Disabilities Act (ADA), those requiring special assistance, such as large typeface print, sign language or other reasonable accommodations, may request those through the administrative offices at: (520) 792-1093 at least two business days before the meeting.

PAG operates its programs without regard to race, color and national origin in compliance with [Title VI](#) of the Civil Rights Act. We invite you to complete our voluntary self-identification survey ([English/Spanish](#)).

If you need translation assistance, please call (520) 792-1093 and ask for Zonia Kelley. Si necesita ayuda con traducción, llame por favor al (520) 792-1093 y comuníquese con Zonia Kelley.

Transportation Planning Committee (TPC) Meeting Summary

Summary of March 6, 2024, Meeting

The meeting was held virtually for committee members and electronically for the public and can be viewed in its entirety at: <https://youtube.com/live/vzQKV-bAPEE>

Committee Members

Sam Credio
City of Tucson

Jose Rodríguez
Town of Oro Valley

Mark Hoffman
ADOT – Transportation Planning Div.

Rod Lane
ADOT – Tucson District

Kathryn Skinner
Pima County

Natalie Shepp (Virtual)
PDEQ

Davita Mueller (Virtual)
Sun Tran

Jason Bahe (Virtual)
Pasqua Yaqui Tribe

Committee Members Cont.

Heidi Lasham (Virtual)
Town of Marana

Josue Licea (Virtual)
City of South Tucson

Galo Galovale (Virtual)
Town of Sahuarita

Scott Robidoux (Virtual)
Tucson Airport Authority

Mark Novak (Virtual)
University of Arizona

Patricia Pablo (Virtual)
Tohono O’odham

Ex-Officio
Jamie Brown, PAG/RTA

1. Call to Order and Introductions

Sam Credio called the meeting to order at 9:01 a.m., and introductions were made.

2. In-kind Reporting

Staff informed the participants of the in-kind form, and committee members were asked to confirm their estimated in-kind time for the meeting.

3. Approval of the Feb. 21, 2024, Meeting Summary

[Video Timestamp: 2:52](#)

Kathryn Skinner, Pima County, noted that the Future Agenda Items did not include Pavement Committee updates that were mentioned at the Feb. 21, 2024, meeting and requested that it be added to the Meeting Summary.

Action: A motion to approve the Feb. 21, 2024, meeting summary with the addition of the Pavement Committee updates to the Future Agenda Items was made by Jose Rodríguez, Town of Oro Valley, seconded by Mark Hoffman, ADOT, and passed with one abstention.

Sam Credio, City of Tucson, abstained.

4. FY 2025-FY 2029 TIP development process update and review of the draft TIP project list (Jamie Brown)

[Video Timestamp: 4:16](#)

PAG Director of Strategic Planning, Programming and Policy Jamie Brown provided the members with an update of the FY 2025–FY 2029 TIP development process and reviewed a draft of the list of TIP projects that was updated based on comments received from members. Examples of updates to the TIP project list included adjusted federal funding sources on ADOT projects, the addition of missing projects from TIP amendments and TIP IDs that could have rollover funding. The updated draft TIP project list also addressed the recommendation from ADOT to remove Overall Work Program (OWP) TIP IDs and utilize the approved OWP as the sole source document to identify planning programs and related budgets. Those changes are included in the presentation slides linked below. Members were also informed of key points and were provided with a schedule for TIP Open Houses.

Mark Hoffman, ADOT Planning Division, provided a brief explanation of adjusted funding sources. Mr. Hoffman shared the purpose of changing the ASTBG to the resourced funding program for allocation was to match the PAG TIP with what is entered into the State Transportation Improvement Program.

The committee discussed ADOT’s recommendation to remove the OWP funding without feedback from the Management Committee, compliance with federal regulations and requirements for carbon reduction funding. Mr. Hoffman shared there was not a requirement to include the OWP activities in the TIP, and funds were approved through

the OWP process. He also shared that CRP funding complies with the federal requirements because for PAG planning initiatives, it is included in the OWP.

Full presentation can be found here:

- [PAG-TPC-2024-03-06-Item-4-Presentation-TIP-Development-Process.pdf](#)

Action: A motion to postpone approving the draft TIP proposed project list until direction was received from the Management Committee on whether the OWP elements projects should be included in the TIP was made by Kathryn Skinner, Pima County, seconded by Natalie Shepp, Pima County DEQ, and passed unanimously.

5. FY 2022-FY 2026 PAG Transportation Improvement Program (TIP) Amendment #2022.100 (Adam Ledford)

[Video Timestamp: 58:52](#)

PAG Senior Policy and Program Analyst Adam Ledford provided a brief review and details on TIP Amendment #2022.100, which would make funding adjustments to transit projects. Members were informed that the proposed TIP amendment incorporates updated formula funding for FTA programs 5307, 5339 and 5337 as well as STBG Flex to adjust funding transit projects using the same guidelines for the development of the FY 2025-FY 2029 TIP. Mr. Ledford shared that the amendment consists of programming changes to 13 regional TIP IDs pertaining to regional transit service in FY 2024 in the current TIP.

Action: A motion to recommend approval of TIP Amendment #2022.100 was made by Kathryn Skinner, Pima County, and seconded by Jose Rodríguez, Town of Oro Valley, and passed unanimously.

6. Adjournment

The meeting was adjourned at 10:04 a.m.

SUBJECT: FY 2025–FY 2029 TIP development process update and review of the draft TIP project list

Meeting	Meeting Date	Agenda Category	Agenda Item #
Transportation Planning Committee	March 20, 2024	Action	04

REQUESTED ACTION/SUGGESTED MOTION

The Transportation Planning Committee will be asked to recommend approval of the draft FY 2025–FY 2029 Transportation Improvement Program (TIP) project list.

ASSOCIATED OWP WORK ELEMENT/GOAL

Work Element 40, Transportation Activities

SUMMARY

Staff will be available to provide any updates on the FY 2025–FY 2029 PAG Transportation Improvement Program (TIP) development process.

Pima Association of Governments (PAG), as the regional metropolitan planning organization and required by the federal law, prepares a five-year schedule and programming budget of proposed transportation improvements within Pima County. The TIP is required to be updated at least every four years and involves a multi-step process in association with PAG’s member jurisdictions and other implementing agencies. The TIP addresses improvements to diverse elements of the regional transportation network including national, state and local highways, transit, bikeways and pedestrian facilities. The TIP also responds to various state and federal regulatory requirements for development of a transportation improvement program.

The draft project list and other elements of the draft PAG FY 2025–FY 2029 TIP will be presented to the public for review and comment, and the projects will be modeled for air quality conformity and Title VI conformity. A final draft of the TIP will be shared with the TPC prior to a 30-day public comment period. Following the 30-day public comment period, a public hearing will take place at the PAG Regional Council meeting where it will be considered for approval by the Regional Council.

Based on ADOT’s request after the March 6 TPC meeting, a correction was made to the funding shown in FY 2026 for TIP ID 9.23, I-10: Country Club Rd. & Kino Interchange.

PRIOR BOARD AND/OR COMMITTEE ACTION

- On March 13, 2024, an update was provided to the Management Committee. The Management Committee approved a motion to keep the PAG Overall Work Program items separate from the TIP project list.
- On March 6, 2024, an update was provided to the TPC, including discussion of the draft TIP project list.
- On Feb. 21, 2024, an update was provided to the TPC.
- On Jan. 25, 2024, an update was provided to the Regional Council.
- On Jan.17, 2024, an update was provided to the Management Committee.
- On Dec. 20, 2023, a meeting of the TIP Subcommittee was held.
- On Dec. 20, 2023, an update was provided to the TPC.
- On Dec. 14, 2023, a meeting of the Transit Working Group (TWG) was held.
- On Nov. 29, 2023, a meeting of the Transit Working Group (TWG) was held.
- On Nov. 28, 2023, a meeting of the TIP Subcommittee was held.
- On Nov. 15, 2023, an update was provided to the TPC.
- On Nov. 8, 2023, an update was provided to the Management Committee.
- On Oct. 31, 2023, a meeting of the TIP Subcommittee was held.
- On Sept. 20, 2023, a meeting of the TIP Subcommittee was held.
- In the previous fiscal year, there were multiple meetings and updates provided on the TIP development process, including to the Regional Council, Management Committee, Transportation Planning Committee, TIP Subcommittee and Transit Working Group.

FINANCIAL CONSIDERATIONS

- The preliminary draft TIP project list is a compilation of separate draft project lists. Each project list uses different funding sources informed by distinct regulations, policies and/or other limitations that govern the use of those funds.

TECHNICAL, POLICY, LEGAL OR OTHER CONSIDERATIONS

- PAG develops the TIP consistent with federal regulations for metropolitan transportation planning as described in 23 CFR §450.326.
- As recommended by ADOT and with concurrence from the Management Committee, OWP elements don't need to be included in the TIP to avoid confusion and or the ongoing need for unnecessary reconciliation of the TIP since the OWP is a separate and distinct process.

ATTACHED ADDITIONAL BACKUP INFORMATION

- Draft project list for the FY 2025–FY 2029 Transportation Improvement Program (TIP), updated with correction to TIP ID 9.23, I-10: Country Club Rd. & Kino Interchange.

Staff Contact/Phone	Dave Adler, (520) 792-1093, ext. 4443 Jamie Brown, (520) 792-1093, ext. 4473 James Towe, (520) 792-1093, ext. 4471 David Zynda, (520) 792-1093, ext. 4480 Adam Ledford, (520) 792-1093, ext. 4434
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Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID Length	STREET/PROJECT NAME LOCATION	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
			FISCAL YEAR				
			2025	2026	2027	2028	2029
87.06	20 2.5 4 6	Barraza Aviation Pkwy Extension I-10 Widening Future SR210 connection to I-10 I-10. Alvernon Wav to Valencia Rd AO STATUS = Conforms Total Cost = 258259		9752 NHPP R 4717 NHPP D 585 STMatch R 283 STMatch D 4263 HURF26 R	9434 NHPP D 17213 NHPP R 566 STMatch D 1033 STMatch R		124709 NHPP C 7482 STMatch C
The sponsor of this project is: ADOT							
7.23	6 8	I-10: 6th Ave TI Bridge Widening I-10: 6th Ave TI Bridge Widening Design. ROW and construction of bridge AO STATUS = Conforms Total Cost = 28187				2063 NHPP D 124 STMatch D 943 NHPP R 57 STMatch R	23585 NHPP C 1415 STMatch C
The sponsor of this project is: ADOT							
9.23 F0548	1.0 4 6	I-10: Country Club Rd & Kino Interchan Traffic Interchanges at Country Club R Design. ROW & reconstruction of TIs & I-10 to AO STATUS = Conforms Total Cost = 500000	6686 HURF26 C 3314 PCLocal C 81649 NHPP C 4899 STMatch C 41108 NFP C 2467 STMatch C	62521 NHPP C 3751 STMatch C 44023 NFP C 2641 STMatch C	21277 NHPP C 1277 STMatch C		
The sponsor of this project is: ADOT							
6.23	1.4 1 1	I-10: Park Ave TI Ramp Reconstruction I-10 at Park Ave and IT Design. ROW and construction of ramps AO STATUS = Conforms Total Cost = 68241			4944 NHPP D 4717 NHPP R 297 STMatch D 283 STMatch R	54717 NHPP C 3283 STMatch C	
The sponsor of this project is: ADOT							
38.13	22 a	I-19: Irvington TI I-19 at Irvington Road Traffic Interchange at Irvington Rd. AO STATUS = Conforms Total Cost = 91453	30200 NHPP C 1812 STMatch C	44328 NHPP C 2660 STMatch C			
The sponsor of this project is: ADOT							
8.23	3.9 4 6	I-19: Valencia Rd to I-10 I-19: Valencia Rd to I-10 Phase 3 of I-19 Widening project AO STATUS = Conforms Total Cost = 232215	3033 NHPP D 182 STMatch D	4717 NHPP D 283 STMatch D 943 NHPP R 57 STMatch R	103372 NHPP C 6202 STMatch C	95005 NHPP C 5700 STMatch C	12001 NHPP C 720 STMatch C
The sponsor of this project is: ADOT							

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID Length	STREET/PROJECT NAME LOCATION	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
			FISCAL YEAR				
			2025	2026	2027	2028	2029
833.00	0.0	Local Technical Assistance Program (LT	50 STP S	50 STP S	50 STP S	50 STP S	50 STP S
RLTAP 06P	0	Training funding for Tucson. Pima Countv. et.al					
	0	AO STATUS = Conforms Total Cost = 250					
The sponsor of this project is: ADOT							
562.00	0.0	Pavement Preservation Program	1200 LOCAL C	1200 LOCAL C			
	0	Various Locations					
	0	Reconstruct & Overlav					
	0	AO STATUS = Conforms Total Cost = 2500					
The sponsor of this project is: Marana							
86.06	01 a	Tangerine Rd: I-10 to La Canada Dr	4692 HURF12R C	340 HURF12R C		7401 HURF12R C	20000 HURF12R C
ST098	10.0	Twin Peaks Rd to La Canada Dr	17744 MAR C				
	2	Widen to 4 lanes with sidewalks & multi-use la					
	4	AO STATUS = Conforms - Total Cost = 94274					
The sponsor of this project is: Marana							
3.23	41dl	Naranja Dr Multi-Use Path: La Cañada	165 RTA C				
	3.5	North of Naranja Dr.. between La Cañada Dr.	2726 RTAG C				
	0	Multi-use route for bicvcles and pedestrians					
	2	AO STATUS = Conforms Total Cost = 3658					
The sponsor of this project is: Oro Valley							
22.23		Systemic Flashing Yellow Arrows HSIP	309 HSIP C				
103639		Tangerine Road & 1st Ave. Tangerine Road & L					
		Safetv updates & the installation of flashing vel					
		AO STATUS = Conforms Total Cost = 570					
The sponsor of this project is: Oro Valley							
14.22	21 d	Bus pullout at Valencia Road and Ignac	0 RTA C				
		Valencia Road and Ignacio M. Baumea Drive					
		Bus pullout					
		AO STATUS = Conforms Total Cost = 350					
The sponsor of this project is: Pascua Yaqui							

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID SponsorID StateID FedID	RTAID Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
			FISCAL YEAR				
			2025	2026	2027	2028	2029
75.06	47 d 0.0 0 0	Volunteer Transit Volunteer Service Coordinated w/Pima Council on Aging AO STATUS = Conforms Total Cost = 500	250 RTA O	250 RTA O	0 RTA O	0 RTA O	0 RTA O
The sponsor of this project is: PCOA							
82.06 4RTFIR	13 1.0 2 4	1st Ave: Orange Grove Rd to Ina Rd Orange Grove Rd to Ina Rd Widen to 4 lanes w/bike lanes AO STATUS = Conforms Total Cost = 7256		700 LOCAL D	1000 HURF12R D	1583 HURF12R C 6506 STP C	
The sponsor of this project is: Pima County							
98.12	0.0 0 0	ADA Transit Enhancements Various Bus Stop enhancements (sidewalks, ramps, pa AO STATUS = Conforms Total Cost = 605	100 FTA5307 C 25 LOCAL C	100 FTA5307 C 25 LOCAL C	100 FTA5307 C 25 LOCAL C	100 FTA5307 C 25 LOCAL C	100 FTA5307 C 25 LOCAL C
The sponsor of this project is: Pima County							
13.22 103371 08258	0.2 2 2	Aio Wash Bridge Telera Street in Aio: Bridge Structure #: 08258 OSB replacement structure to a triple reinforc AO STATUS = Conforms Total Cost = 1042	44 LOCAL C 717 OSB C				
The sponsor of this project is: Pima County							
24.23 8302 T0540 S01D/ PPM-0(273)D	0.2 1 2	Florida Canyon Wash Madera Canvon Road & Medium Wash OSB: Design & Con bridge replacement AO STATUS = Conforms Total Cost = 8070		7285 OSB C			
The sponsor of this project is: Pima County							
23.23 T0541 S01D/ PPM-0(274)D	0.2 1 2	Medium Wash Canvon Bridge Replace Madera Canvon Road at Medium Wash Design & construct bridge replacement at Mad AO STATUS = Conforms Total Cost = 4630		4028 OSB C			
The sponsor of this project is: Pima County							

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID SponsorID StateID FedID	Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)					
				FISCAL YEAR					
				2025	2026	2027	2028	2029	
45.23			Palo Verde Rd and Michigan St. HAWK HSIP: Palo Verde Rd and Michigan St Construct and install a Pedestrian Hvrld Beaco AO STATUS = Conforms Total Cost = 589		414 HSIP C				
The sponsor of this project is: Pima County									
4.23		41dm 1.0 0 2	Palo Verde Road Sidewalks Palo Verde Road, from approx 4700 S. Palo Ver 4700 S. Palo Verde Road to 4100 S. Palo Verde AO STATUS = Conforms Total Cost = 2328		121 RTA C 2007 RTAG C				
The sponsor of this project is: Pima County									
25.23		0.1	Romero Road and Ruthrauff Road. Flas Intersection of North Romero Road and West HSIP: Design & Construction yellow warning ar AO STATUS = Conforms Total Cost = 707		457 HSIP C				
The sponsor of this project is: Pima County									
10.23 CTR.4VALMR		1.3 4 6	Valencia Road - Mission Road to Camin Valencia Road - Mission Road to Camino de la Reconstruct West Valencia Rd and widen from AO STATUS = Conforms Total Cost = 0	1540 LOCAL D					
The sponsor of this project is: Pima County									
33.12		48 g 0.0 0 0	Purchase of Sun Shuttle Vehicles Regionwide Transit Purchase Sun Shuttle Vehicles AO STATUS = Conforms Total Cost = 4707	817 FTA5307 PMT 1022 RTA P -817 RTA REV	1020 FTA5307 PMT 1275 RTA P -1020 RTA REV	0 RTA PMT 0 RTA REV 0 FTA5307 PMT	0 RTA PMT 0 RTA REV 0 FTA5307 PMT	0 RTA PMT 0 RTA REV 0 FTA5307 PMT	
The sponsor of this project is: RTA									
97.06		47 i 0.0 0 0	RTA Special Needs Transit Expansion Expanded service area New areas - Include OV ADA DAR AO STATUS = Conforms Total Cost = 7950	3916 RTA O	4034 RTA O	0 RTA O	0 RTA O	0 RTA O	
The sponsor of this project is: RTA									

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID SponsorID StateID FedID	RTAID Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)									
			FISCAL YEAR									
			2025		2026		2027		2028		2029	
69.06	43 0.0 0 0	Small Business Assistance Main Street Small Business Assistance AO STATUS = Conforms Total Cost = 10000	475 RTA C	339 RTA C								
The sponsor of this project is: RTA												
72.06	4870 0.0 0 0	Sun Shuttle Base Transit Services Route Service 413. 430. 440. Aio DAR. Marana DAR AO STATUS = Conforms Total Cost = 5487	2703 RTA O -631 RTA REV 631 FTA5311 PMT	2784 RTA O -650 RTA REV 650 FTA5311 PMT	0 RTA O 0 RTA REV 0 RTA PMT	0 RTA O 0 RTA REV 0 RTA PMT	0 RTA O 0 RTA REV 0 RTA PMT	0 RTA O 0 RTA REV 0 RTA PMT	0 RTA O 0 RTA REV 0 RTA PMT	0 RTA O 0 RTA REV 0 RTA PMT		
The sponsor of this project is: RTA												
42.10	487e 0.0 0 0	Sun Shuttle Expanded Transit Services Regionwide Exp.Svc 401. 412. GV DAR. OV DAR. Aio-Tuc. Aio-Gila AO STATUS = Conforms Total Cost = 8439	4157 RTA O -431 RTA REV 431 FTA5311 PMT	4282 RTA O 444 FTA5311 PMT -444 RTA REV	0 RTA O 0 RTA REV 0 FTA5311 PMT	0 RTA O 0 RTA REV 0 FTA5311 PMT	0 RTA O 0 RTA REV 0 FTA5311 PMT	0 RTA O 0 RTA REV 0 FTA5311 PMT	0 RTA O 0 RTA REV 0 FTA5311 PMT	0 RTA O 0 RTA REV 0 FTA5311 PMT		
The sponsor of this project is: RTA												
93.06	4671 0.0 0 0	Sun Tran - Frequency and Area Expansi Improve frequencies along maior routes. exte AO STATUS = Conforms Total Cost = 4726	2328 RTA O	2398 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O		
The sponsor of this project is: RTA												
13.11	473a 0.0 0 0	Transferred Special Needs Transit Serv Operating funds for Expanded Transit Services AO STATUS = Conforms Total Cost = 5173	2548 RTA O 4757 MOE PMT -4757 RTA REV	2625 RTA O 4900 MOE PMT -4900 RTA REV	0 RTA O 0 RTA REV 0 MOE PMT	0 RTA O 0 RTA REV 0 MOE PMT	0 RTA O 0 RTA REV 0 MOE PMT	0 RTA O 0 RTA REV 0 MOE PMT	0 RTA O 0 RTA REV 0 MOE PMT	0 RTA O 0 RTA REV 0 MOE PMT		
11.80.00	The sponsor of this project is: RTA											
7.18	36bv	Intersection Improvement: 6th Av and Intersection of 6th Av and 40th St Intersection improvements AO STATUS = Conforms Total Cost = 1000	0 RTA C									
The sponsor of this project is: South Tucson												

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID	STREET/PROJECT NAME	PROPOSED FUNDING							
			SponsorID	Length	LOCATION	(IN THOUSANDS OF DOLLARS)				
						StateID	ExistingLanes	PROJECT DESCRIPTION	FISCAL YEAR	
FedID	AfterLanes	AQ STATUS	TOTAL COST	2025	2026	2027	2028	2029		
6.18	36bu	Intersection Improvement: 4th Av and Intersection of 4th Av and 40th St Construct Intersection to improve capacity and AO STATUS = Conforms Total Cost = 1000		0 RTA C						
The sponsor of this project is: South Tucson										
12.21 10113336		Joint Seal Air Freight Apron - Phase 2 TUS: Joint Seal Air Freight Apron - Phase 2 TUS Project No.10110090: Joint Seal Air Freight AO STATUS = Conforms Total Cost = 764		764 LOCAL D						
The sponsor of this project is: TAA										
5.21		Runway 15/33 construct. asphalt. mill. Rvan Airfield - Runway 15/33 RYN No. 20120300: 4.000 asphalt. mill. and ov AO STATUS = Conforms Total Cost = 1260		126 LOCAL C 1134 SAF C						
The sponsor of this project is: TAA										
48.23 20109023		Rvan Airfield - Land Acquisition Rvan Airfield Conduct EA and Acquire 39.5 acres for expansi AO STATUS = Conforms Total Cost = 1012					225 SAF S 25 LOCAL S	686 SAF R 76 LOCAL R		
The sponsor of this project is: TAA										
43.10 20109018	0.0 0 0	Rvan Airfield Apron Construction Apron construction - Phase 1 & 2 AO STATUS = Conforms Total Cost = 7580				183 LOCAL C 3731 FAA C 183 SAF C				
The sponsor of this project is: TAA										
27.14 20112225		Rvan Airfield CCTV Cameras Rvan Airfield Install CCTV Cameras AO STATUS = Conforms Total Cost = 150						150 LOCAL C		
The sponsor of this project is: TAA										

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID	STREET/PROJECT NAME	PROPOSED FUNDING							
			SponsorID	Length	LOCATION	(IN THOUSANDS OF DOLLARS)				
						StateID	ExistingLanes	PROJECT DESCRIPTION	FISCAL YEAR	
FedID	AfterLanes	AQ STATUS	TOTAL COST	2025	2026	2027	2028	2029		
9.21		RYAN: Design Runway 6R/24L Extensio Rvan Airfield: Design Runway 6R/24L Extension RYN Proiect No. 20120304: Extend Runway AO STATUS = Conforms Total Cost = 374			62 LOCAL S 563 SAF S		4891 FAA D 240 SAF D 240 LOCAL D	191 LOCAL C 191 LOCAL C 3885 FAA C		
The sponsor of this project is: TAA										
1.21		TUS Airport Authority Master Plan Tucson Airport - Master Plan TUS Proiect No.10119124: Master Plan Update AO STATUS = Conforms Total Cost = 1000					100 LOCAL S 900 SAF S			
The sponsor of this project is: TAA										
25.04	10100-362	TUS Economy Overflow Lot Upgrdae Paving on economv overflow lot Buildout north portion of Economy lot AO STATUS = Conforms Total Cost = 3521					3521 LOCAL C			
The sponsor of this project is: TAA										
4.15		TUS Near Parallel Runway TUS Relocate runway 11R/29L and associated taxiway AO STATUS = Conforms Total Cost = 255101	23647 LOCAL C 61081 FAA C 2999 SAF C	1503 LOCAL C 36632 FAA C 1503 SAF C	1471 LOCAL C 1471 SAF C 36969 FAA C					
The sponsor of this project is: TAA										
32.14	10113366	TUS Taxiway A TUS Reconstruct Taxiway A and shoulders AO STATUS = Conforms Total Cost = 1848				83 LOCAL C 1682 FAA C 83 SAF C				
The sponsor of this project is: TAA										
96.10	10106575	TUS Taxiway G - Phase 3 Construct Taxiway G AO STATUS = Conforms Total Cost = 2305						103 LOCAL C 103 SAF C 2099 FAA C		
The sponsor of this project is: TAA										

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID	STREET/PROJECT NAME	PROPOSED FUNDING							
			SponsorID	Length	LOCATION	(IN THOUSANDS OF DOLLARS)				
						StateID	ExistingLanes	PROJECT DESCRIPTION	FISCAL YEAR	
FedID	AfterLanes	AQ STATUS	TOTAL COST	2025	2026	2027	2028	2029		
16.23		TUS Terminal Expansion and Renovati TUS Terminal Expansion and Renovation- Phase 1 AO STATUS = Conforms Total Cost = 93284	10122471(80)			88620 FAA C 4664 LOCAL C				
The sponsor of this project is: TAA										
17.23		TUS Terminal Expansion and Renovati TUC Terminal Expansion and Renovation- Phase 2 AO STATUS = Conforms Total Cost = 97948	10122471(80)			93050 FAA C 4898 LOCAL C				
The sponsor of this project is: TAA										
14.23		TUS Terminal Expansion and Renovati TUS Terminal Expansion and Renovation- EA & Prel AO STATUS = Conforms Total Cost = 5604	10122471(80)		5323 FAA S 281 LOCAL S					
The sponsor of this project is: TAA										
37.23		18 Signalized Intersections. Tucson Flashing Yellow Arrow Conversions Replace sig HSIP:Design. construct. install traffic signal infr AO STATUS = Conforms Total Cost = 1811	103608		1440 HSIP C					
The sponsor of this project is: Tucson										
11.22	41 8.0	18th St, 8th Ave, S. Campbell/Pinal Bicy Various corridors Design and construct Bike Blvd improvements AO STATUS = Conforms Total Cost = 1160			0 RTA C					
The sponsor of this project is: Tucson										
81.06	14 3.1 4 6	1st Ave: Grant to River Grant Rd. to River Rd. Widen to 6 lanes AO STATUS = Conforms Total Cost = 68950	SR11		17400 RTA D 16000 RTA C	19348 RTA C				
The sponsor of this project is: Tucson										

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID SponsorID StateID FedID	RTAID Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
			FISCAL YEAR				
			2025	2026	2027	2028	2029
32.00	30 2.0 4 4	22nd St: Camino Seco to Houghton Rd Camino Seco to Houghton Rd Improve 3 and 4 lane roadwav AO STATUS = Conforms Total Cost = 32541	644 HURF12R C 531 RTA C 1000 TUC C	11115 HURF12R C 1000 TUC C	17251 HURF12R C		
The sponsor of this project is: Tucson							
131.00 SR5A	19 a 3.7 5 6	22nd St: I-10 to Tucson Blvd I-10 to Tucson Blvd Widen to 6 lanes AO STATUS = Conforms Total Cost = 145700	15643 STP C 879 HURF12R C	1940 HURF12R C 13911 STP C	3081 HURF12R C 10447 STP C	15069 HURF12R C 9450 STP C	2318 HURF12R C 15956 STP C
The sponsor of this project is: Tucson							
38.23 103609		4 Signalized Intersections, Tucson Four locations HSIP: Four Intersections. Positive Offsets & FYA AO STATUS = Conforms Total Cost = 4045		3081 HSIP C 24 LOCAL C			
The sponsor of this project is: Tucson							
83.12 SP11	41cp 0.0 0 0	5th St Bike Boulevard: 7th Avenue to U 5th Street. from 7th to Universitv Design and construct a bike boulevard AO STATUS = Conforms Total Cost = 375	0 RTA C				
The sponsor of this project is: Tucson							
36.23 103611		9 Crosswalk Locations, Tucson Design and construct HAWK at 9 Location HSIP Design, construct&install traffic signal infr AO STATUS = Conforms Total Cost = 4442	3664 HSIP C				
The sponsor of this project is: Tucson							
35.23 103610	0.7	Aio Way: Benson Hwy to I-10, Tucson Lighting - 28 Light Poles w/6 Control Cabinets HSIP: Design, construct, and install new street l AO STATUS = Conforms Total Cost = 1307	1045 HSIP C				
The sponsor of this project is: Tucson							

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID SponsorID StateID FedID	Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)					
				FISCAL YEAR					
				2025	2026	2027	2028	2029	
46.23		9.0 0 0	Alamo Wash Greenway Loop@ Rillito River Park to Aviation Bikeway 10 ft wide asphalt path, lighting, landscaping, a AO STATUS = Conforms Total Cost = 27000		10496 LOCAL C				
The sponsor of this project is: Tucson									
76.12 SP09	41cr 0.0 0 0	Arrovo Chico Greenway: Country Club Winsett Blvd between Country Club and Treat signalized crossing, greenway segment AO STATUS = Conforms Total Cost = 600	0 RTA C						
The sponsor of this project is: Tucson									
41.23	1.0	Atrevesando Comunidades Tuc Gwav W. Nebraska St. over I-19 Planning & design of bike ped bridge: I-19 and AO STATUS = Conforms Total Cost = 1125	900 FEDAID D 225 LOCAL D						
The sponsor of this project is: Tucson									
32.15 49B4	41cz	Bike Boulevard Package I Citywide Bike Boulevards AO STATUS = Conforms Total Cost = 1000	0 RTA C						
The sponsor of this project is: Tucson									
19.10 49B3	41bl 0.0 0 0	Bike Lane Package III Various Locations TBD Design and Construction of bike lane package I AO STATUS = Conforms Total Cost = 400	0 RTA C						
The sponsor of this project is: Tucson									
22.05 SR3A	17 1.5 5 6	Broadway Blvd: Euclid Ave to Country Euclid Ave to Country Club Rd widen to 6 lanes, bus pullouts, sidewalks, bike AO STATUS = Conforms Total Cost = 74761	0 RTA C						
The sponsor of this project is: Tucson									

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID Length	STREET/PROJECT NAME LOCATION	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
			FISCAL YEAR				
			2025	2026	2027	2028	2029
103612	1.0	Broadway Blvd; Pantano Rd to Camino Lighting - 67 Light Poles w/12 Control Cabinets HSIP:Design. construct. and install new street li AO STATUS = Conforms Total Cost = 2090		1720 HSIP C			
The sponsor of this project is: Tucson							
103613		Camp Lowell Rd. Columbus Blvd to Sw HSIP: Lighting - 26 Light Poles w/4 Control Cabi Camp Lowell Rd from Columbus Blvd to Swan AO STATUS = Conforms Total Cost = 940		716 HSIP C			
The sponsor of this project is: Tucson							
		Country Club Rd - Street Lighting, Gran Country Club Rd between Grant Rd and 22nd S HSIP: Design and Construct continuous street l AO STATUS = Conforms Total Cost = 1576	0 LOCAL C				
The sponsor of this project is: Tucson							
S30N	16 a 0.5 0 4	Downtown Links: Broadway to I-10 Broadway to I-10 Construct new 4 lane roadwav AO STATUS = Conforms Total Cost = 100537	0 RTA C				
The sponsor of this project is: Tucson							
	5.0 0 2	Drexel Bridge Midvale Park Road to Calle Santa Cruz A new two-lane bridge over the Santa Cruz Riv AO STATUS = Conforms Total Cost = 38000		4000 LOCAL C 12400 STATE C			
The sponsor of this project is: Tucson							
		Flashing Yellow Arrow and Backplates Citywide- 22 locations listed HSIP: Convert signals to flashing yellow arrows AO STATUS = Conforms Total Cost = 436	325 HSIP C				
The sponsor of this project is: Tucson							

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID SponsorID StateID FedID	Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
				FISCAL YEAR				
				2025	2026	2027	2028	2029
28.21			Flashing Yellow Arrow, Backplates and Citywide - 40 Locations HSIP: Convert signals to FYA AO STATUS = Conforms Total Cost = 1187	1034 HSIP C				
The sponsor of this project is: Tucson								
55.06 SR2A	18 5.0 4 6		Grant Rd: Oracle Rd to Swan Rd Oracle Rd to Swan Rd Widen to 6 lanes + bike lanes & sidewalks AO STATUS = Conforms Total Cost = 90374	12675 RTA C 8979 HURF12R C				
The sponsor of this project is: Tucson								
84.06 SR16	15 0.0 4 6		Grant Rd: RR Underpass Reconstructio Grant Rd near I-10 Reconstruct existing RR underpass AO STATUS = Conforms Total Cost = 25119	7838 HURF12R C	3000 HURF26 C			
The sponsor of this project is: Tucson								
38.00	31 3.0 2 6		Harrison Rd: Irvington Rd to Golf Links Irvington Rd. to Golf Links Rd. Bridge over the Pantano Wash only AO STATUS = Conforms Total Cost = 22619	1169 HURF12R D	1831 HURF12R D 10261 HURF12R C			
The sponsor of this project is: Tucson								
30.21			HAWK Package 2 2 locations: Speedwav Blvd/Sahuara. Silverlake HISP: PHB HAWK Pedestrian Safety projects AO STATUS = Conforms Total Cost = 660	0 LOCAL C				
The sponsor of this project is: Tucson								
29.15 SH31-33	37bf		HAWKs Speedwav+Richev Grant+Arcad Speedwav/Richev. Grant/Arcadia. 22nd/Belved Design and construction of 3 HAWK crossings AO STATUS = Conforms Total Cost = 501	0 RTA C				
The sponsor of this project is: Tucson								

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID SponsorID StateID FedID	RTAID Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
			FISCAL YEAR				
			2025	2026	2027	2028	2029
16.15 SR11	32 i	Houghton Rd: 22nd St to Irvington Rd Houghton Rd from 22nd St to Irvington Rd Widen Houghton Road AO STATUS = Conforms Total Cost = 39928		5982 PCDIFO C	8000 HURF12R C	6461 HURF12R C	9691 HURF12R C
The sponsor of this project is: Tucson							
10.22	41 1.3	Marv Ann Cleveland Wav Shared-Use P Houghton Rd to Atterbury Wash. along north s Design & construct new biking & walking path AO STATUS = Conforms Total Cost = 2038	0 RTA C				
The sponsor of this project is: Tucson							
32.23 103615		Park Ave & Ohio St, Tucson Street Lighting - 8 Light Poles w/1 Control Cabi HSIP: Design, construct, and install new street l AO STATUS = Conforms Total Cost = 401	231 HSIP C				
The sponsor of this project is: Tucson							
5.23 104826	41dn 14.9 0 1	Sahuara Bike Blvd & Copper/Flower Bi Two bicvle pathwavs: one north-south. one e RTAG: 2 proiects will assist in safe routes for n AO STATUS = Conforms Total Cost = 0		104 RTA C 1725 RTAG C			
The sponsor of this project is: Tucson							
56.06 SR6A	05 7.6 2 4	Silverbell Rd: Grant to Ina Grant to Ina Widen to 4 lanes w/ bike lanes AO STATUS = Conforms Total Cost = 39540	4760 HURF12R C	6326 HURF12R C			
The sponsor of this project is: Tucson							
31.23 103617	0.3	Swan Road; Camp Lowell Dr - Fort Low Lighting - 14 Light Poles w/4 Control Cabinets HSIP: Design, construct, and install new street l AO STATUS = Conforms Total Cost = 820		598 HSIP C			
The sponsor of this project is: Tucson							

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID SponsorID StateID FedID	RTAID Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
			FISCAL YEAR				
			2025	2026	2027	2028	2029
30.23 103618	0.5	Tanque Verde Rd: Tanque Verde Wash Tanque Verde, Bridge Limits to Woodland Rd HSIP: Design, construct, and install new street l AO STATUS = Conforms Total Cost = 882		660 HSIP C			
The sponsor of this project is: Tucson							
90.12 SP14	41di 0.0 0 0	UA 2nd Street Bike and Pedestrian Imp 2nd Street, from Park to Highland Bike and pedestrian safety improvements AO STATUS = Conforms Total Cost = 278	0 RTA D				
The sponsor of this project is: Tucson							
60.06	23 4.4 6 6	Valencia Rd: I-19 to Alvernon I-19 to Alvernon Construct controlled access improvements AO STATUS = Conforms Total Cost = 9890		2045 STP C 1740 HURF12R D	499 HURF12R C 5509 STP C		
The sponsor of this project is: Tucson							
59.06 SR14	25 4.7 4 6	Valencia Rd: Kolb Rd to Houghton Rd Kolb Rd to Houghton Rd Widen to 6 lanes AO STATUS = Conforms Total Cost = 28596	5200 RTA C 1500 TUC C				
The sponsor of this project is: Tucson							
20.23 T0466 TUC-0(275)D	11.7	Western Hills Neighborhood Revitaliza Western Hills, Western Hills II, Las Vistas neigh Rehabilitate pavement and address ADA ramp AO STATUS = Conforms Total Cost = 0	2483 FEDAID C 8235 LOCAL C				
The sponsor of this project is: Tucson							
471.00 ALI 11.12.01	46 b 0.0 0 0	Bus Replacements Citywide Replacement buses AO STATUS = Conforms Total Cost = 49797	1688 FTA5339 P 643 FLEX P 5683 FTA5307 P 1462 LOCAL P	1688 FTA5339 P 643 FLEX P 7506 FTA5307 P 1784 LOCAL P	1688 FTA5339 P 643 FLEX P 7681 FTA5307 P 1815 LOCAL P	1688 FTA5339 P 643 FLEX P 1998 FTA5307 P 812 LOCAL P	1688 FTA5339 P 643 FLEX P 7048 FTA5307 P 1703 LOCAL P
The sponsor of this project is: Tucson Transit							

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID	STREET/PROJECT NAME	PROPOSED FUNDING							
			SponsorID	Length	LOCATION	(IN THOUSANDS OF DOLLARS)				
						FISCAL YEAR				
StateID	ExistingLanes	PROJECT DESCRIPTION	2025	2026	2027	2028	2029			
FedID	AfterLanes	AQ STATUS TOTAL COST								
3.15		CNG Fueling System NW SunTran NW Facility Sun Tran NW Facility/CNG Fueling System AO STATUS = Conforms Total Cost = 876	350 FTA5307 O 88 LOCAL O	350 FTA5307 O 88 LOCAL O						
The sponsor of this project is: Tucson Transit										
6.19		Electric Bus Charging Infrastructure System Wide Charging infrastructure for EV AO STATUS = Conforms Total Cost = 1250	1000 FTA5307 O 250 LOCAL O							
The sponsor of this project is: Tucson Transit										
12.22	41	FTA 5337 State of Good Repair Formula Region wide FTA 5337 AO STATUS = Conforms Total Cost = 610	488 FTA 5337 PMX 122 LOCAL PMX	488 FTA PMX 122 LOCAL PMX	488 FTA 5337 PMX 122 LOCAL PMX	488 FTA 5337 PMX 122 LOCAL PMX	488 FTA 5337 PMX 122 LOCAL PMX			
The sponsor of this project is: Tucson Transit										
2.13	4675 0.0 0 0	Marana Transit Services Marana. various locations Transit services in Marana AO STATUS = Conforms Total Cost = 197	97 RTA O 121 MOE PMT -121 RTA REV	100 RTA O 125 MOE PMT -125 RTA REV	0 RTA O 0 RTA REV 0 MOE PMT	0 RTA O 0 RTA REV 0 MOE PMT	0 RTA O 0 RTA REV 0 MOE PMT			
The sponsor of this project is: Tucson Transit										
42.12	4672 0.0 0 0	Pima County Transit Services Various locations Replace service formally provided by Pima Cou AO STATUS = Conforms Total Cost = 9426	4643 RTA O 3171 MOE PMT -3171 RTA REV	4783 RTA O 3266 MOE PMT -3266 RTA REV	0 RTA O 0 RTA REV 0 RTA PMT	0 RTA O 0 RTA REV 0 RTA PMT	0 RTA O 0 RTA REV 0 RTA PMT			
The sponsor of this project is: Tucson Transit										
68.03	0.0 0 0	Preventative Maintenance SunTran & VanTran Provide capital maintenance AO STATUS = Conforms Total Cost = 39320	5648 FTA5307 O 1412 LOCAL O	6178 FTA5307 O 1545 LOCAL O	6000 FTA5307 O 1500 LOCAL O	6204 FTA5307 O 1551 LOCAL O	6000 FTA5307 O 1500 LOCAL O			
The sponsor of this project is: Tucson Transit										

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID SponsorID StateID FedID	Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
				FISCAL YEAR				
				2025	2026	2027	2028	2029
16.18			Preventative Maintenance (Real Prope Regionwide Preventative maintenance on real property AO STATUS = Conforms Total Cost = 4563	750 FTA5307 C 188 LOCAL C	750 FTA5307 C 188 LOCAL C	700 FTA5307 C 175 LOCAL C	700 FTA5307 C 175 LOCAL C	700 FTA5307 C 175 LOCAL C
The sponsor of this project is: Tucson Transit								
9.22		41	Safetv for Transit Tucson Funding will be used to support performance t AO STATUS = Conforms Total Cost = 185	147 FTA5307 O 37 LOCAL O	147 FTA5307 O 37 LOCAL O	147 FTA O 37 LOCAL O	147 FTA5307 O 37 LOCAL O	147 FTA5307 O 37 LOCAL O
The sponsor of this project is: Tucson Transit								
64.03		0.0 0 0	Security for Transit 1% of FTA Apportionment Required Install AO STATUS = Conforms Total Cost = 1093	196 FTA5307 O 49 LOCAL O	196 FTA5307 O 49 LOCAL O	196 FTA5307 O 49 LOCAL O	196 FTA5307 O 49 LOCAL O	196 FTA5307 O 49 LOCAL O
The sponsor of this project is: Tucson Transit								
43.12		4674 0.0 0 0	South Tucson Transit Services Providing transit services in South Tucson AO STATUS = Conforms Total Cost = 1171	577 RTA O	594 RTA O	0 RTA O	0 RTA O	0 RTA O
The sponsor of this project is: Tucson Transit								
42.13			Sun Shuttle OV DAR Bus Replacements Region wide Replace sun shuttles on OV DAR rotues AO STATUS = Conforms Total Cost = 207	269 FTA5307 P 68 LOCAL P	403 FTA5307 P 101 LOCAL P	269 FTA5307 P 68 LOCAL P	292 FTA5307 P 73 LOCAL P	292 FTA5307 P 73 LOCAL P
The sponsor of this project is: Tucson Transit								
95.06		4976 0.0 0 0	Sun Tran - Express Service Expansion Expand existing express routes New routes including Sun Shuttle Rte 421X AO STATUS = Conforms Total Cost = 3979	1960 RTA O 318 FTA5311 PMT -318 RTA REV	2019 RTA O 328 FTA5311 PMT -328 RTA REV	0 RTA O 0 RTA REV 0 FTA5311 PMT	0 RTA O 0 RTA REV 0 FTA5311 PMT	0 RTA O 0 RTA REV 0 FTA5311 PMT
The sponsor of this project is: Tucson Transit								

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID SponsorID StateID FedID	Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)									
				FISCAL YEAR									
				2025		2026		2027		2028		2029	
70.06		44 0.0 0 0	Sun Tran - Weekday Evening Service Expansion Expand weekday evening service along major routes AO STATUS = Conforms Total Cost = 4895	2411 RTA O	2484 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O		
The sponsor of this project is: Tucson Transit													
94.06		45 0.0 0 0	Sun Tran - Weekend Service Expansion Expand weekend service along major routes AO STATUS = Conforms Total Cost = 4293	2115 RTA O	2178 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O		
The sponsor of this project is: Tucson Transit													
27.03		0.0 0 0	Sun Van Replacement Vans Citywide Purchase replacement paratransit vehicles AO STATUS = Conforms Total Cost = 9490	3400 FTA5307 P 600 LOCAL P	2500 FTA5307 P 442 LOCAL P	3866 FTA5307 P 683 LOCAL P	9503 FTA5307 P 1677 LOCAL P	4657 FTA5307 P 822 LOCAL P	ALI 11.12.15				
The sponsor of this project is: Tucson Transit													
71.06		473b 0.0 0 0	Sun Van/Paratransit Expansion Expand ADA paratransit services regionwide AO STATUS = Conforms Total Cost = 4866	2397 RTA O	2469 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O	0 RTA O		
The sponsor of this project is: Tucson Transit													
77.08		0.0 0 0	Support Vehicles - Sun Tran Support vehicles for Sun Tran operations Support vehicles for Sun Tran operations AO STATUS = Conforms Total Cost = 600	360 FTA5307 P 90 LOCAL P	240 FTA5307 P 60 LOCAL P	391 FTA5307 P 98 LOCAL P	210 FTA5307 P 53 LOCAL P	210 FTA5307 P 53 LOCAL P					
The sponsor of this project is: Tucson Transit													
8.19		5/24/2018	Transit Employee Training System Wide Employee Training AO STATUS = Conforms Total Cost = 128	25 FTA5307 O 7 LOCAL O	25 FTA5307 O 7 LOCAL O	25 FTA5307 O 7 LOCAL O	25 FTA5307 O 7 LOCAL O	25 FTA5307 O 7 LOCAL O					
The sponsor of this project is: Tucson Transit													

Pima Association of Governments 2025-2029 TIP Projects

Proposed

TipID	RTAID SponsorID StateID FedID	Length ExistingLanes AfterLanes	STREET/PROJECT NAME LOCATION PROJECT DESCRIPTION AQ STATUS TOTAL COST	PROPOSED FUNDING (IN THOUSANDS OF DOLLARS)				
				FISCAL YEAR				
				2025	2026	2027	2028	2029
32.03		0.0 0 0	Transit Enhancements/ADA Citywide 1% of FTA Apportionment AO STATUS = Conforms Total Cost = 1028	156 FTA5307 C 39 LOCAL C	156 FTA5307 C 39 LOCAL C	196 FTA5307 C 49 LOCAL C	196 FTA5307 C 49 LOCAL C	196 FTA5307 C 49 LOCAL C
The sponsor of this project is: Tucson Transit								
66.03		46 i 0.0 0 ALI 11.79.00	Transit Grant Administration Transit Grant Administration AO STATUS = Conforms Total Cost = 1000	160 FTA5307 O 40 LOCAL O	160 FTA5307 O 40 LOCAL O	160 FTA5307 O 40 LOCAL O	160 FTA5307 O 40 LOCAL O	160 FTA5307 O 40 LOCAL O
The sponsor of this project is: Tucson Transit								
5.19			Transit Technology Upgrades: Mainten System Wide: Maintenance Technology upgrades for transit AO STATUS = Conforms Total Cost = 4685	970 FTA5307 O 243 LOCAL O	300 FTA5307 O 75 LOCAL O	300 FTA5307 O 75 LOCAL O	300 FTA5307 O 75 LOCAL O	300 FTA5307 O 75 LOCAL O
The sponsor of this project is: Tucson Transit								

SUBJECT: Regional Mobility and Accessibility Plan (RMAP) Update

Meeting	Meeting Date	Agenda Category	Agenda Item #
Transportation Planning Committee	March 30, 2024	Information	05

REQUESTED ACTION/SUGGESTED MOTION

This is an information only item.

ASSOCIATED OWP WORK ELEMENT/GOAL

Work Element 40, Transportation Planning

SUMMARY

PAG is in the process of developing the 2055 RMAP, and staff will give an update on the status of the development process for the new long-range transportation plan. A long-range plan is federally required for the Tucson metropolitan area. The last update was adopted by the PAG Regional Council in September 2020. PAG staff will provide updates on the following items:

- Subcommittee update
- Project list update
- Modeling Update

PRIOR BOARD AND/OR COMMITTEE ACTION

None.

FINANCIAL CONSIDERATIONS

The 2055 RMAP is a fiscally constrained long-range transportation plan.

TECHNICAL, POLICY, LEGAL OR OTHER CONSIDERATIONS

Transportation projects to be delivered in the region must be shown to be consistent with PAG's adopted RMAP to be eligible to receive federal funding for regional projects.

ATTACHED ADDITIONAL BACKUP INFORMATION

None.

Staff Contact/Phone	Hannah Oden, (520) 792-1093, ext. 1418 Jeanette DeRenne, (520) 792-1093, ext. 1477 Dave Atler, (520) 792-1093, ext. 1443
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SUBJECT: Dynamic Traffic Assignment Model Development Update

Meeting	Meeting Date	Agenda Category	Agenda Item #
Transportation Planning Committee	March 20, 2024	Information	6

REQUESTED ACTION/SUGGESTED MOTION

This is an information item.

ASSOCIATED OWP WORK ELEMENT/GOAL

Work Element 40, Transportation Activities

SUMMARY

PAG is actively engaged in the development of sophisticated regional models including an activity-based model (ABM) and a regional dynamic traffic assignment (DTA) model. In accordance with the adopted FY 2020 and FY 2021 OWP Table 6, listed as “Modeling support services,” PAG underwent a rigorous technical review of software options and procured the DTA model software, TransModeler, identifying it as the optimal tool.

At this point, enhancing travel demand modeling and supporting air quality analyses, including the EPA MOVES model, would be advantageous. Further refinement of the DTA model is recommended to leverage its benefits and accurately depict individual vehicle behavior, thereby enhancing the realism of travel behavior representation.

Through this effort our planning will focus on

- Calibration and validation of the current regional DTA model
- Development of the overall DTA model application procedure
- Development of outputs to improve the existing EPA’s MOVES model
- Improvement of estimates for the EPA’s National Emissions Inventory (NEI)
- Exploration of congestion mitigation measures

PRIOR BOARD AND/OR COMMITTEE ACTION

- Regional Council approved a contract amendment with Caliper Corp. for developing PAG’s DTA model development.

FINANCIAL CONSIDERATIONS

- Listed as “DTA model development for regional congestion mitigation and air quality model improvement” in Table 6 budget approved by Regional Council for FY 2024 and FY 2025 PAG OWP.

TECHNICAL, POLICY, LEGAL OR OTHER CONSIDERATIONS

None.

ATTACHED ADDITIONAL BACKUP INFORMATION

None.

Staff Contact/Phone	David Atler, (520) 792-1093, ext. 4443 Hyunsoo Noh, (520) 792-1093, ext. 4457 James Tokishi, (520) 792-1093, ext. 4471
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SUBJECT: Activity-based Model Exploratory Tool Development Update

Meeting	Meeting Date	Agenda Category	Agenda Item #
Transportation Planning Committee	March 20, 2024	Information	7

REQUESTED ACTION/SUGGESTED MOTION

This is an information item.

ASSOCIATED OWP WORK ELEMENT/GOAL

Work Element 40, Transportation Activities

SUMMARY

PAG has constructed a regional activity-based model (ABM) that underwent two peer reviews involving national professionals and practitioners. As part of an ongoing effort to enhance the model, PAG conducted an experimental exercise, taking into account the uncertainties associated with the future transportation environment, such as the anticipated percentage of autonomous vehicles. Additionally, PAG is leveraging the EPA's MOVES model to aid in regional air quality analysis.

This initiative aims to pinpoint key performance metrics at the regional level and explore their interplay. By doing so, PAG seeks to contribute to the strategic and data-driven decision making process. To facilitate a comprehensive understanding, PAG will develop an analytical visualization tool that will depict the intricate relationship between the evolving transportation system and its impact on regional transportation and air quality.

Through this improvement, the following benefits are expected:

- Improves transportation policy decision making for uncertain transportation system and environment.
- Establishes a better understanding of fine-resolution travel behavior on uncertain transportation conditions and its impact on the regional transportation system and air quality.

PRIOR BOARD AND/OR COMMITTEE ACTION

- Regional Council approved the contract amendment with WSP for continuing work on PAG’s ABM and addition of an exploratory tool development.

FINANCIAL CONSIDERATIONS

- Listed as “Exploratory planning tool development for uncertain future transportation system and environment” in Table 6 budget approved by Regional Council for FY 2024 and FY 2025 PAG OWP.

TECHNICAL, POLICY, LEGAL OR OTHER CONSIDERATIONS

None.

ATTACHED ADDITIONAL BACKUP INFORMATION

None.

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SUBJECT: Multimodal Performance Assessment Update

Meeting	Meeting Date	Agenda Category	Agenda Item #
Transportation Planning Committee	March 20, 2024	Information	8

REQUESTED ACTION/SUGGESTED MOTION

This is an information item.

ASSOCIATED OWP WORK ELEMENT/GOAL

Work Element 40, Transportation Activities

SUMMARY

PAG is developing a performance-based, long- and short-range transportation plan, with regional data in compliance with FHWA guidelines to promote a transportation system to meet the mobility, accessibility and environmental needs of people across the region.

This effort leverages existing data sources in the PAG region to obtain the performance measures of a multimodal transportation system to improve regional mobility and air quality as well as improve regional transportation and air quality modeling. This project will focus on all non-auto and active travel modes available in the PAG planning area as identifying regional resources of the multimodal performance data such as general transit feed specification (GTFS), Miovision or event-based sensor data, and micromobility.

Through this effort, the following benefits are expected:

- Construct non-auto and active model performance measures to evaluate the improvement of multimodal system quantitatively.
- Establishes a better understanding of travel behavior on multimodal transportation conditions and its impact on regional transportation system and air quality.

PRIOR BOARD AND/OR COMMITTEE ACTION

- Contract with University of Arizona for activity-based modeling support approved by the Regional Council.

FINANCIAL CONSIDERATIONS

- Listed as “Regional Multimodal Performance Assessment” in Table 6 budget approved by Regional Council for FY 2024 and FY 2025 PAG OWP.

TECHNICAL, POLICY, LEGAL OR OTHER CONSIDERATIONS

None.

ATTACHED ADDITIONAL BACKUP INFORMATION

None.

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SUBJECT: PAG Regional Active Transportation Plan Update

Meeting	Meeting Date	Agenda Category	Agenda Item #
Transportation Planning Committee	March 20, 2024	Information	09

REQUESTED ACTION/SUGGESTED MOTION

This is an information item.

ASSOCIATED OWP WORK ELEMENT/GOAL

Work Element, 40, Transportation Activities

SUMMARY

PAG has entered into a contract with Kimley-Horn for the development of the Regional Active Transportation Plan (RATP). As part of this ongoing planning process, staff will bring informational updates to the committee.

A data driven RATP is key to enhancing RMAP's mobility and accessibility options and will help the region's efforts in reducing carbon emissions and improving air quality by planning for alternative transportation options such as walking, biking and micro mobility. This effort aligns with other regional and local plans recommended actions for reducing transportation emissions.

Key elements of the RATP include:

- Extensive public outreach including interactive online engagement methods.
- Analysis of existing conditions and needs for active transportation infrastructure.
- Corridor identification for active transportation opportunity areas
- An online active transportation toolbox for utilization by member jurisdictions
- Documentation of expected carbon reduction and associated benefits

PRIOR BOARD AND/OR COMMITTEE ACTION

On January 25, 2024, the Regional Council authorized a contract between PAG and Kimley Horn to complete the Regional Active Transportation Plan.

FINANCIAL CONSIDERATIONS

None.

TECHNICAL, POLICY, LEGAL OR OTHER CONSIDERATIONS

None.

ATTACHED ADDITIONAL BACKUP INFORMATION

None.

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