

Citizens Accountability for Regional Transportation (CART) Committee Meeting

At or after Noon, Wednesday, Sept. 9, 2026
1 E. Broadway Blvd., Tucson
4th Floor conference room

Public Access to Meeting Audio/Presentation:

https://www.youtube.com/live/_QlBazTF7X8

Notice is hereby given to the public and to the committee members that the Citizen Accountability for Regional Transportation (CART) Committee of the Regional Transportation Authority of Pima County will have a meeting at the above stated time and date. The following is an agenda of the matters to be considered, discussed and acted upon.

In compliance with open meeting laws, PAG-RTA meeting agendas requiring public notice are posted at the official address referenced above and are available for public review during official PAG/RTA business hours, excluding weekends and legal holidays.

Members of the Committee will attend the meeting in person at the address noted above. The meeting room will be open to the public. However, members of the public are invited to attend the meeting via the link above. Members of the public may submit written comments relating to this meeting to info@rtamobility.com within 24 hours of the meeting's posted start time. These comments will be filed with the committee's records.

The RTA 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 laws and all other applicable laws, regulations, and policies.

AGENDA

1. Call to Order

2. Staff and Committee Introductions

3. Election of Officers

Each year, the RTA Citizens Accountability for Regional Transportation (CART) Committee elects a Chair and Vice Chair, to serve one-year terms.

Action: The CART Committee will be asked to elect a Chair and Vice Chair to serve for the upcoming term. (September 2026 through December 2027)

4. RTA Quarterly Report

PAG staff will provide an update on RTA Plan activities, including project delivery, financial components, program activities, and project performance tracking, analysis, and reporting.

Action: Discussion and possible recommendation to the RTA Board on the RTA Quarterly Report.

5. 30% Design Review for North First Ave. from Grant Road to River Road

PAG staff will present on the 30% design for the North First Avenue project from River Road to Grant Road (RTA #2006-14).

Action: Discussion and recommendation to the RTA Board for approval of the 30% design for the North First Avenue, River Road to Grant Road (RTA #2006-14) project.

6. Future Agenda Items

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

Unless items are already listed on the agenda, future agenda items may not be discussed at this meeting.

7. Adjournment

The RTA CART Committee meeting packet containing material related to the meeting is available at www.RTAmobility.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.

The RTA 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.

1 E. Broadway Blvd., Suite 401, Tucson AZ 85701
Phone: (520) 770-9410 Fax: (520) 620-6981

RTAmobility.com

September 2, 2026

Dear CART Committee Member,

On behalf of the RTA Board, I want to thank you for your service to the Regional Transportation Authority in your role as a member of the Citizens Accountability for Regional Transportation (CART) Committee.

You have an important role to provide independent oversight of RTA project implementation and financial management, assuring that voters receive what was approved in the 20-year plan.

Your oversight authority includes:

- Assessing financial management and program implementation, including highlights of individual projects as needed
- Reporting quarterly to the RTA Board on the financial health of the overall RTA program and program delivery status
- Concurrence with 30% preliminary design recommendations (when applicable)
 - Review 30% design plans and public feedback for capital RTA projects and recommend whether to advance the plans to final design or consider revisions within the approved scope and budget.
- The CART Committee will also review the annual report, prepared by staff, on the progress of implementation of the voter-authorized RTA plan prior to its publication.

Thank you for your commitment to support delivery of the voter-approved RTA projects and services. Your work helps ensure our regional transportation network remains safe, reliable, efficient, and well-connected.

Warm regards,

Tom Murphy
Town of Sahuarita Mayor | RTA Board Chair

Quarterly Report – September 2026



RTA TMC and CART Meeting

September 9, 2026

Presentation by RTA and partner jurisdictions

Purpose of Quarterly Reporting

- Transparency
- Delivery tracking
- Address regional challenges



RTA Program Overview



Program Overview; Delivery Enhancements

- Streamlined IGA process
- Advance Delivery Team
- Advance right of way acquisition
- Utility engagement
- Process mapping activities
- Delivery partnership
 - First Avenue
 - Houghton
 - Potentially others



RTA Financial Performance

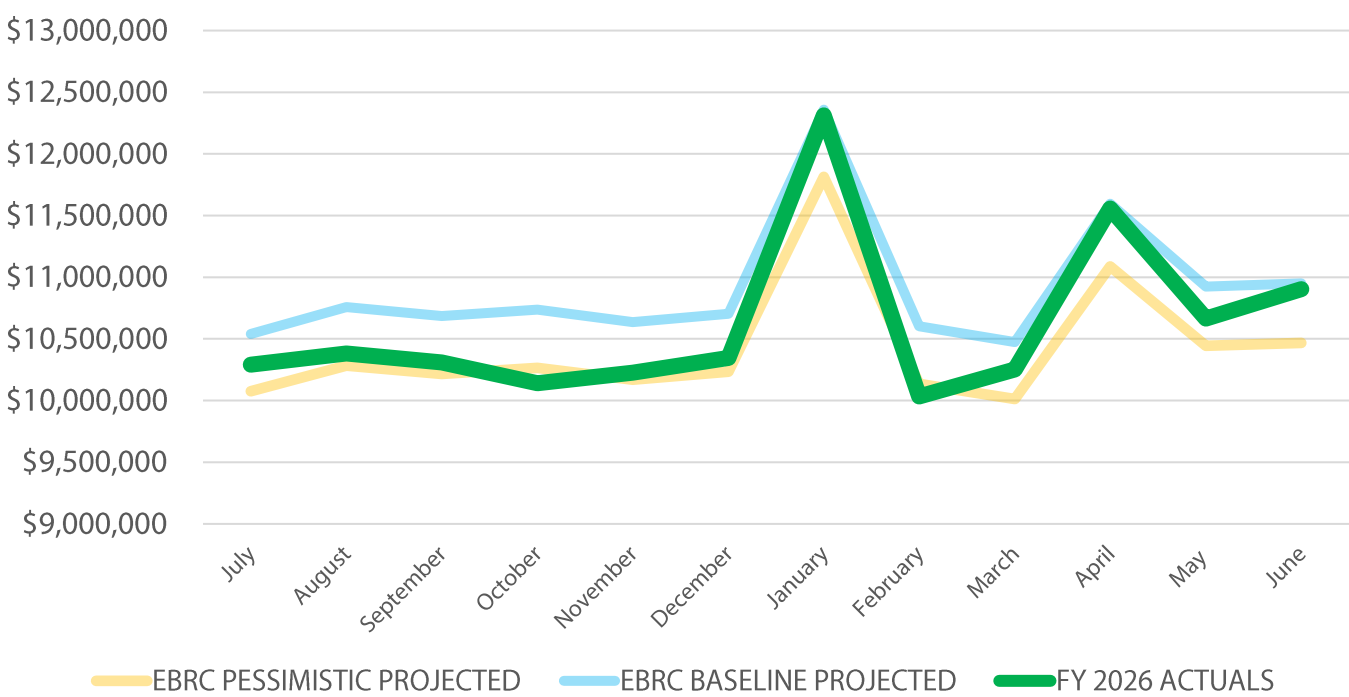


Financial Overview

FY 2026 RTA 1 TPT revenue projections

- FY 2026 excise tax revenues \$ 127,416,260
- FY 2026 EBRC pessimistic forecast \$ 125,198,000
- FY 2026 EBRC baseline forecast (FY 2026 budget) \$ 130,969,000

FY 2026 TPT REVENUES, ACTUALS VERSUS FORECAST



EBRC: Economic and Business Research Center

Monthly forecast variations established with a 3–year average (PAG internal calculation). Annual forecast provided by EBRC.



Financial Overview (cont.)

FY 2026 RTA 1 budget in review*

• FY 2026 budget for elements I–IV	\$57,000,000
• Budget expended for elements I–IV**	\$56,488,000
• Fund balance expended**	\$29,937,000
• Total expenditures, elements I–IV	\$86,425,000

*Project and performance focused. Debt service, administration and special election costs not included

**Unaudited



Financial Overview (cont.)

FY 2026 RTA 1 year-end fund balances*

- FY 2026 year-end TPT fund balance \$399.4M
- FY 2026 year-end HURF fund balance \$121.5M

*Unaudited



Financial Overview (cont.)

FY 2027 RTA revenue projections and actuals

- TPT revenue projection (nominal) of \$127.2M
- HURF 12R revenue projection of \$31.5M
- July excise tax collections of \$11.1M

		FY 2027				
		Projected (nominal)	% (+/-) YoY	Actuals		
	July	10,249,000	8%	11,082,346	July*	
	August	10,420,000			August	
	September	10,349,000			September	
	October	10,326,000			October	
	November	10,289,000			November	
	December	10,373,000			December	
	January	12,101,000			January	
	February	10,203,000			February	
	March	10,194,000			March	
	April	11,356,000			April	
	May	10,623,000			May	
	June	10,717,000			June	
	Total	127,200,000				
Pessimistic					Revised	
Forecast†		\$ 127,200,000		\$ 128,033,000		Forecast**

*The amount includes \$181,384 of residual collections from RTA 1.

**Projection is based on actuals to date and includes the sum of projected revenues August-May, plus July actual revenue collected.

†EBRC 2025 pessimistic revenue forecast in nominal dollars. Monthly forecast variations established with a 3–year average (PAG internal calculation).

EBRC 2024 pessimistic constant dollar forecast of \$125,318,000 is included in the FY 2027 RTA Budget.



Financial Overview (cont.)

Upcoming activities

- Coordinating with UA Eller EBRC on an updated RTA Revenue Forecast for release in November
- Commencing the FY 2028 – FY 2032 TIP development process, aiming for approval in late Spring 2027
- Rebalancing the programming for RTA 1 roadway projects and adding RTA 2 projects to the TIP through formal TIP amendments



Questions?

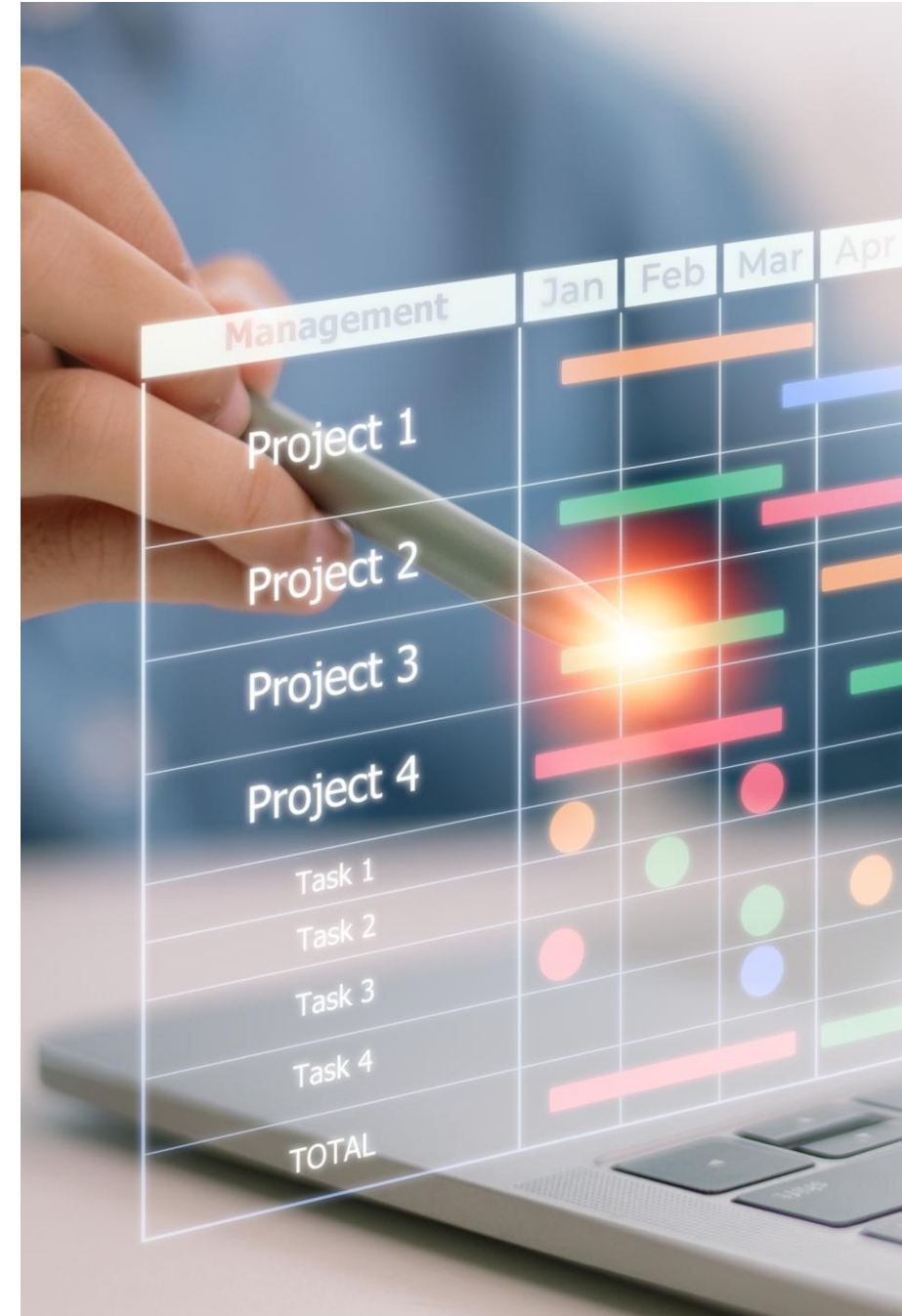


RTA Element Performance



Project Delivery Strategy

- Project delivery strategy - scope, schedule and budget - established through project charter
 - Applying 22 KPIs
 - Monitoring cash flow
 - 2006 Plan projects have been added for remaining activities
- Regular meetings with project teams
 - Review project status and activities
- Schedule/budget deviations, along with issues, challenges and/or opportunities
 - Share with CART Committee and TMC
 - Recommendations shared directly with the Board



Delivery Performance Analytics

- **Green** = on track
- **Yellow** = emerging issues/discuss
- **Red** = discuss, recommend, partnering options, and/or action

Subelement	Project	1 IGA Execution	2 Consultant Solicitation Advertised	3 NTP for Design	4 30% Design	\$\$ 30% Cost Value (Invoiced Amount from Consultant)	5 Indemnify Utilities	6 Utility Clearance	\$\$ Utility Prior Rights Cost Value
1	Tangerine, Phase 2A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Silvebell Rd., Phase 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	Sunset Rd., Phase 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Grant Rd. Underpass at UPRR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Downtown Links	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	Grant Rd., Phases 3&4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	22nd St., Phase 2, Bridge over UPRR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Illustrative matrix



Follow-up From June



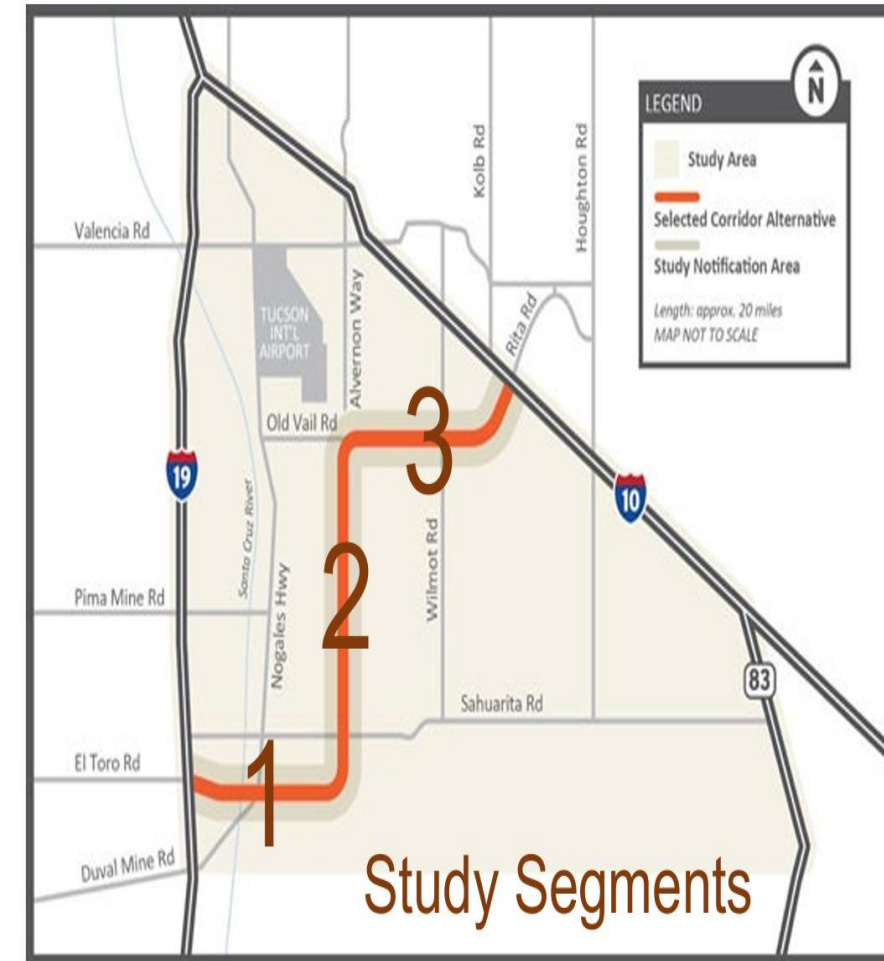
Sonoran Corridor

- Concerns regarding current connection to I-19
 - Impacts to communities

Update

Currently working with ADOT and key partner jurisdictions (Tucson, Pima County, Tohono O'odham Nation and Sahuarita) to obtain input and preferences for:

1. Cross section (lane configuration)
2. Potential relocation of I-19 interchange connection to vicinity of Pima Mine Road
3. Implementation sequencing, i.e., segment 1, 2 or 3



Follow-up From June, (cont.)



Transit

- Increases in fuel costs, company costs and contract costs

Update

Currently finalizing a contract amendment with provider to address:

1. Increase Transit Network Company (TNC) use to reduce paratransit per trip costs
2. Transferred the 685 route (Ajo to East Valley, Phoenix) to reduce operational costs
3. The Transit industry is facing rising operational costs related to fuel and wages. Alt fuel vehicles help to mitigate impact of rising fuel prices and operational efficiencies are being explored
4. Data collection is ongoing to assess seasonal fluctuations

Continuing to partner with City of Tucson and Sun Van to align practices and policies.

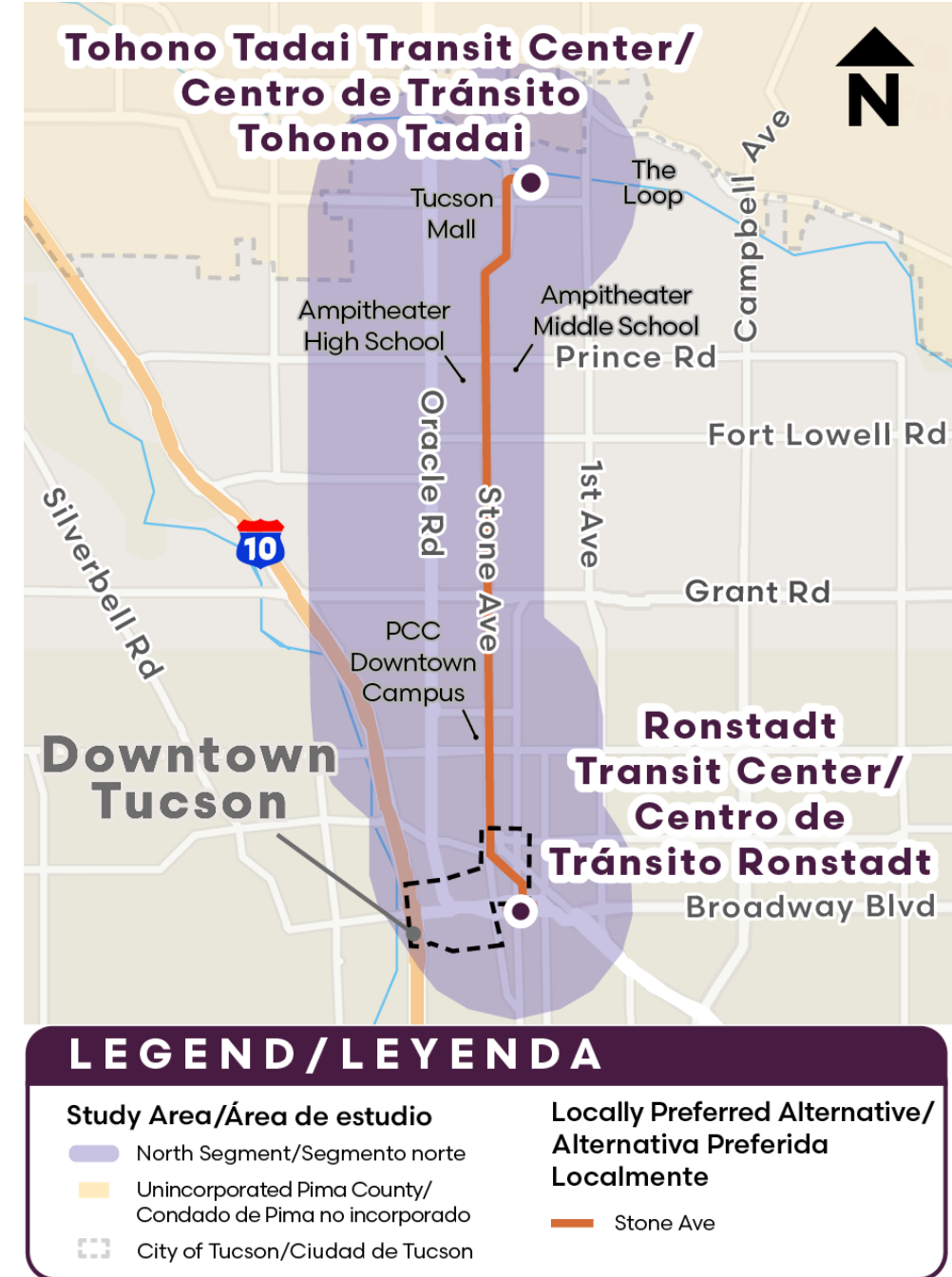


High-Capacity Transit



Update 8-21-26:

- The High-Capacity Transit project, also referred to as Stone Ave BRT, is currently in 30% design
- The City of Tucson has submitted for a NEPA Categorical Exclusion (CE) and is expecting a determination in September 2026
- 30% design work is progressing; a round of public outreach and open houses is being planned for late October/early November 2026. Performance metrics on monthly and quarterly basis are proposed after revenue service begins in 2031.



RTA Supported Public Transit



SUN TRAN TRANSIT SERVICES	
CoT - Sun Tran	QRT 4
Ridership	3,946,681
On-Time Performance (OTP)	86.62%
CoT - Sun Van/On Demand	QRT 4
Sun Van	
Ridership	140,241
Systemwide Trips	129,265
RTA Trips	12,621
On-Time Performance (OTP)	87.21%
Sun On Demand	
Ridership	7121
On-Time Performance (OTP)	74.57%
Complaints per 1000 trips	0.28
CoT - Sun Link	QRT 4
Ridership	286,966

RTA SUN SHUTTLE SERVICES	
RTA-Sun Shuttle	QRT 4
Ridership	54,924
On-Time Performance (OTP)	93.40%
RTA- Paratransit/ Dial-a-Ride	QRT 4
Ridership	36,264
On-Time Performance (OTP)	97.55%
Complaints per 1000 trips	0.30

ORO VALLEY - SUN SHUTTLE SERVICES	
Oro Valley- Paratransit/ Dial-a-Ride	QRT 4
Ridership	20,103
On-Time Performance (OTP)	99.53%
Missed Trips/Trip Denials	0
Complaints per 1000 trips	1.25

Safety & Security of Regional Transit System Ballot #51	
Metric	QRT 4
Number of Total Transit Related Security Incidents	6,430
Number of Assaults on a Transit Worker	5
Number of Security Incidents at Transit Centers	628
Number of Security Incidents at 10 Highest-Incident Locations	2,398
Number of Total Transit Related Warnings, Deflections, Referrals, Citations, and Arrests	1,283
Percentage of Riders that Feel Good about On Board Safety	91.00%
Percentage of Riders that Feel Good about Bus Stop Safety	81.33%



September Performance Analysis



2006 Plan, Roadway Element

22nd Street; Kino Parkway to Tucson Blvd. (Bridge over Union Pacific Railroad, UPRR) and Tangerine Road; I-10 to Marana Tech Park Drive

- Open ended/lengthy durations and unanticipated work activity restrictions imposed by UPRR
 - Extends duration for interim configuration
 - Extends closure duration
 - Increase in costs
- In-depth discussions are ongoing



September Performance Analysis (cont.)



Harrison Road, Bridge over Pantano Wash

- Construction currently anticipated for late 2027
- High probability costs will exceed available budget
- Team is evaluating options, including potential of combining with project #16, Harrison Road; Golf Links to Irvington, 4-lane widening

22nd Street, Camino Seco to Houghton

- Construction currently anticipated for 2027/2028
- Latest cost estimate exceeds available budget
- Team is evaluating options with TEP and other utility providers for schedule, and also potential cost reductions



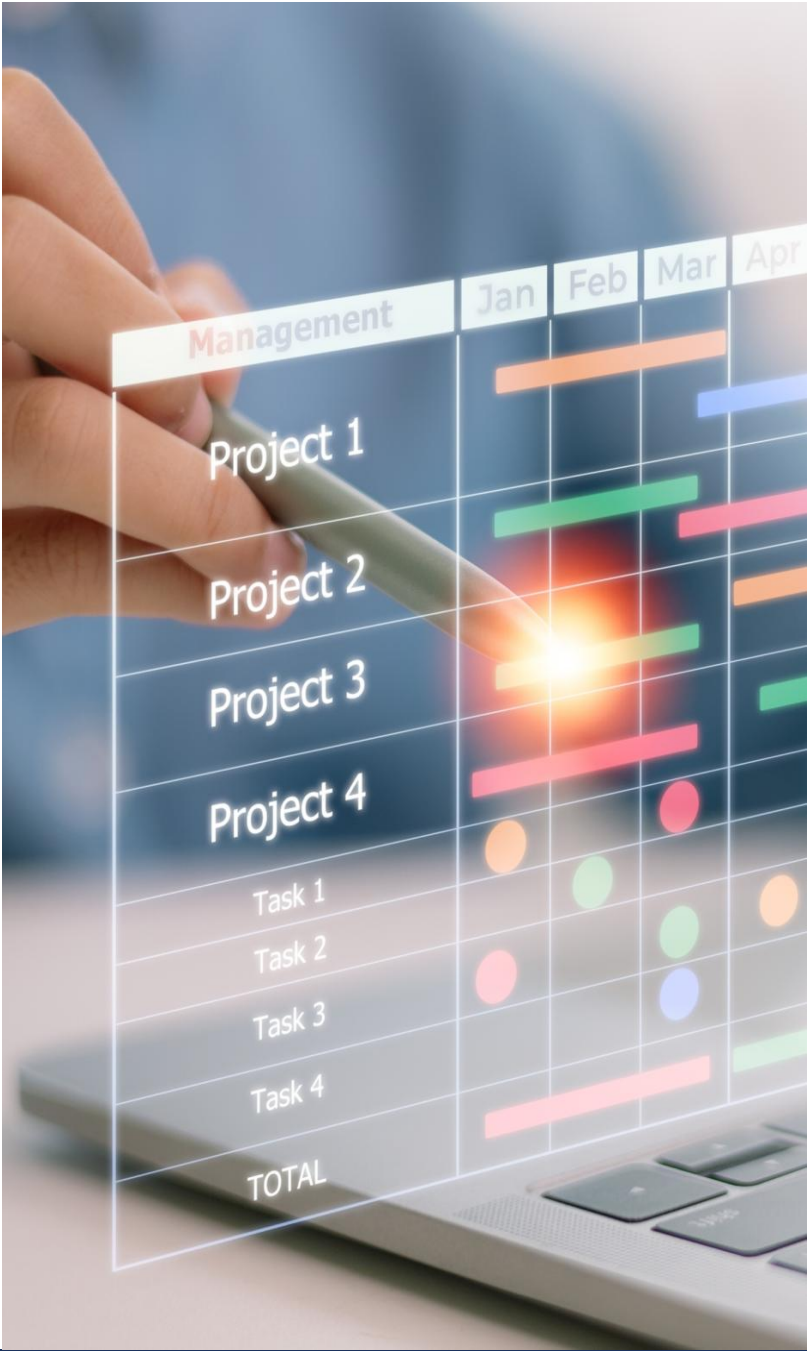
Questions?



Recommendations

RTA staff

- ✓ There are no recommendations for any action at this time



Intermission/Break



30% Project Review; First Avenue

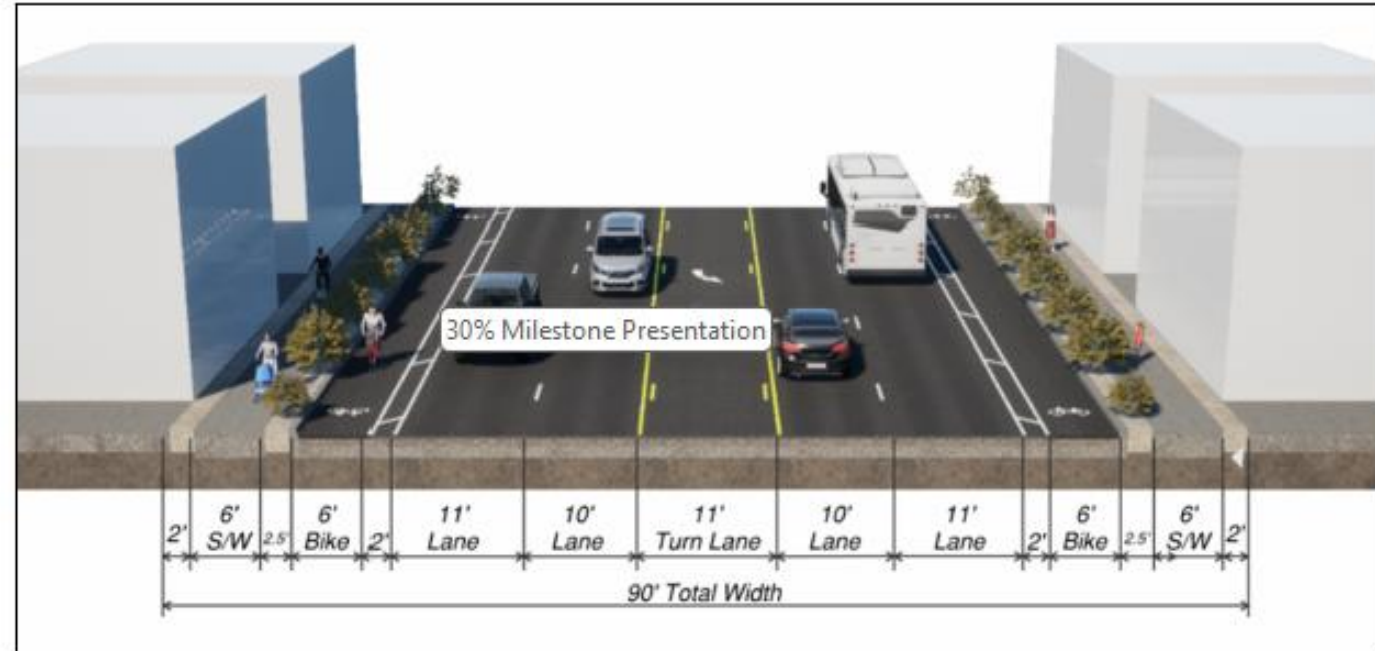


30% Milestone Presentation – N. First Avenue

Voter Approved Scope: Reconstruct to a 4-lane divided roadway with bicycle, pedestrian and associated intersection and drainage improvements

30% Design

- 4-lane divided roadway with median
- Protected bike lanes
- Sidewalk throughout on both sides
- Storm drain to improve surface drainage
- Improvements at Navajo wash
- New bridges at Rillito with connections to Loop pathway
- Improved intersections for safety, operations and capacity
- High Intensity Activated Crosswalk (HAWK) crossing at key locations
- Transit stops and pullouts
- Landscaping



30% Milestone Presentation – N. First Avenue

Public Outreach

Activity

- 16-Citizen Task Force Meetings
- Multiple Outreach Strategies
 - 3-Open Houses
 - 3-Virtual Open Houses
 - 9-Pop-Up Events
 - 1-Online Survey
 - Extensive business engagement

In Summary

- Input/feedback guided development of Project Goals and Implementation of key design features
- Overall high level of satisfaction with design; addresses critical issues and complies with voter approved scope



30% Milestone Presentation – N. First Avenue

Cost vs Budget

30 % Cost Estimate

Program Budget: \$133,500,000

- \$80M Construction Costs (Including Contract Administration, Inspections, Surveying, Materials Testing, etc.): 47%
- \$12.5M Design Costs: 9%
- \$1.2M Environmental Mitigation: 1%
- \$17M Right-of-Way Acquisition Costs: 13%
- \$22.8M Contingency : 17%

Voter Approved Budget

\$133,500,000

- \$70,755,000 RTA Funds
- \$62,745,000 Non-RTA Funds (\$25M Federal Better Utilizing Investments to Leverage Development (BUILD) Grant and Region Funds)



30% Milestone Presentation – N. First Avenue

Delivery; Jointly by Tucson DTM and RTA

North Segment: Wetmore Road to River Road (Federal)

- Design, right of way and utility relocation activities to be initiated following Board approval
 - Alternative project delivery mechanism may be used for this project
- Construction targeted to begin in Winter 2027

South Segment: Grant Road to Wetmore (Local)

- Design, right of way and utility relocation activities to be initiated following Board approval
 - Substantial right of way acquisition and utility relocation
 - Alternative project delivery mechanism may be used for this project
 - Will assess delivery method to determine optimal approach
- Construction targeted to begin in Spring 2028



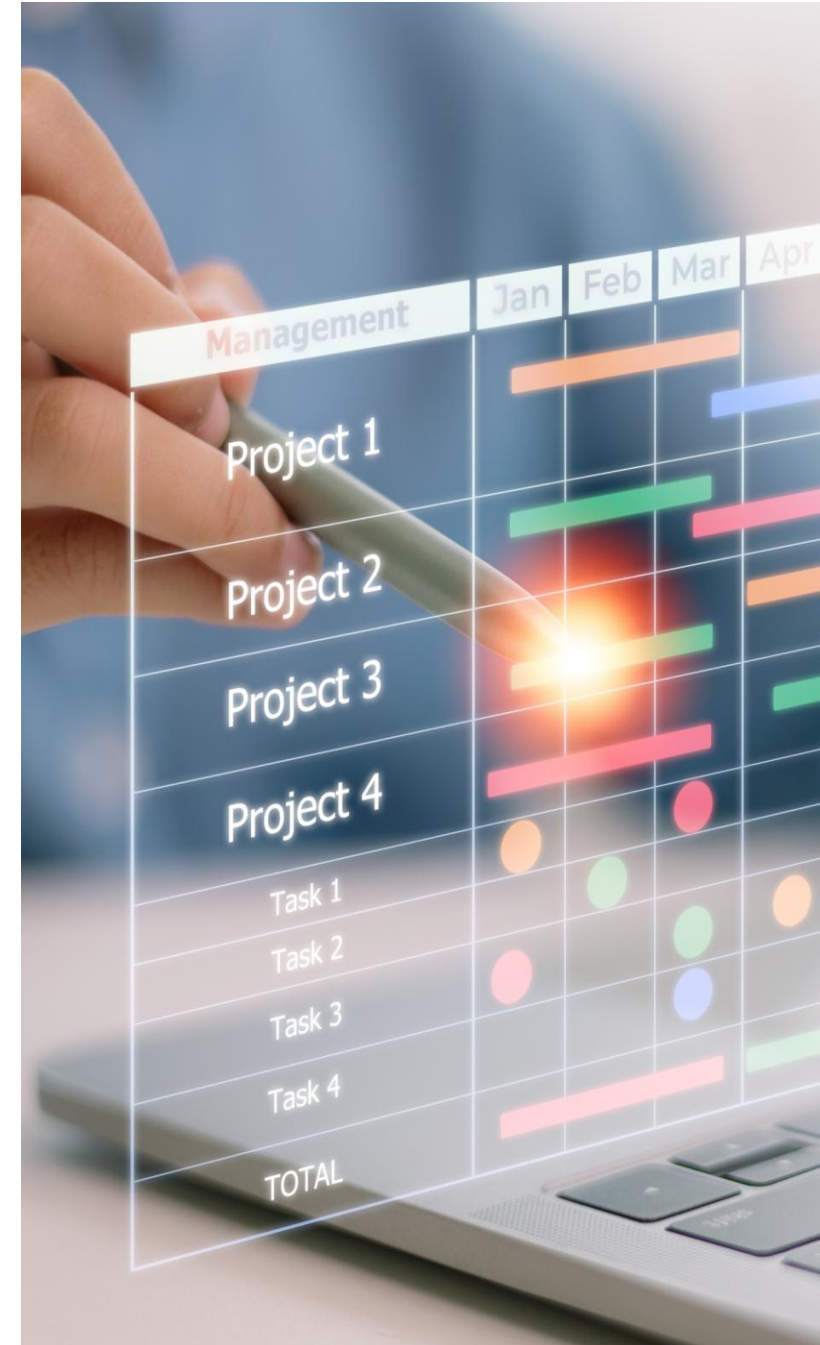
Questions?



Future Action Being Requested

At the September 24, 2026, meeting, will request approval from RTA Board:

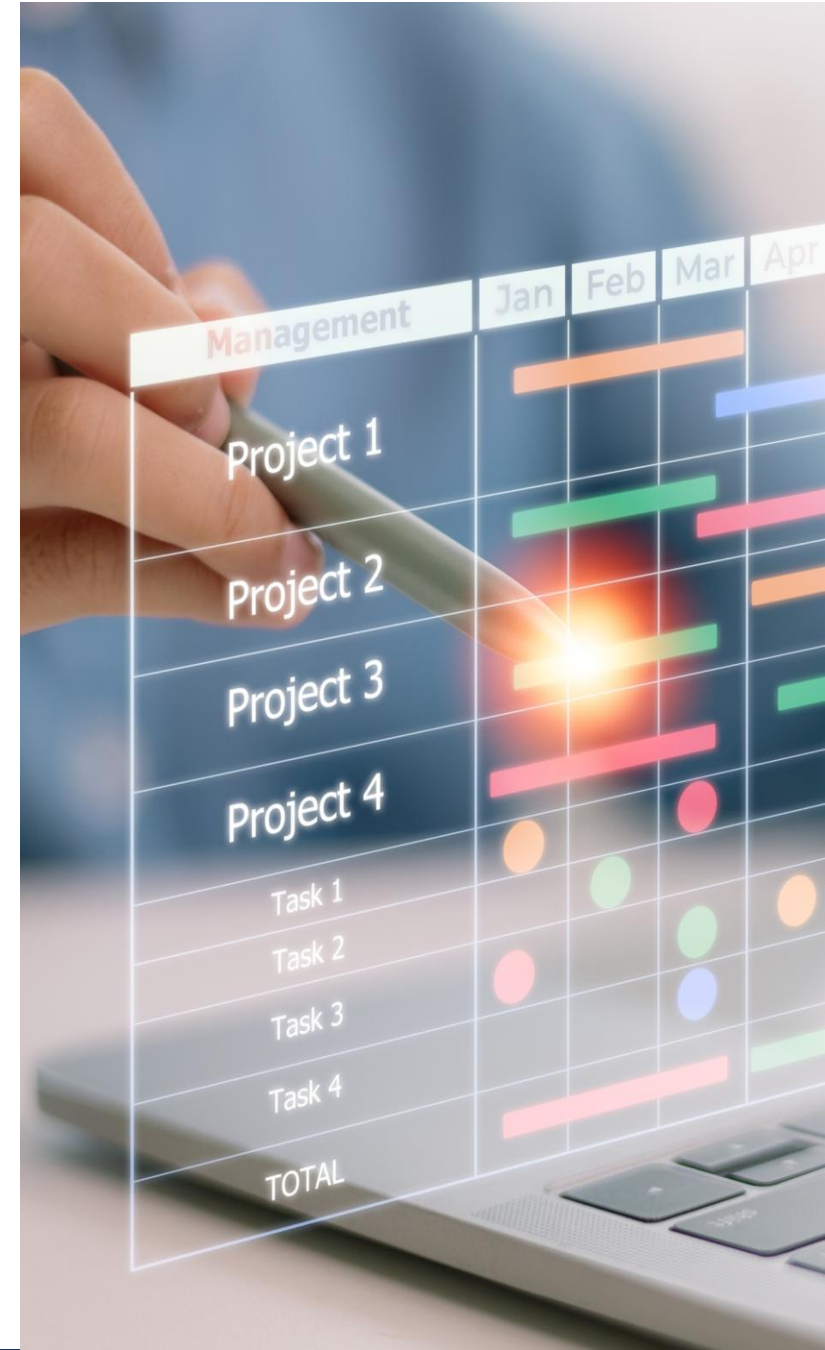
1. Approve the 30% design for First Avenue, from Grant to River (address both segments)
2. Authorize RTA to serve as the Lead Agency overseeing project delivery for N. First Avenue, as well as Houghton Road, from Broadway to Tanque Verde.



Recommendations

RTA staff

- ✓ Recommends approval of the 30% Design for the N. First Avenue Project, in accordance with Section 5.3.5 (e) (i) of the RTA Administrative Code
- ✓ Recommends authorization for RTA to serve as Lead Agency for delivery of both segments, as well as Houghton Road, Segment 8 from Broadway to Tanque Verde Road



Activity Overview



Update on Delivery Activities

ADOT

2006 Plan, Roadway Element

- Sunset Road; substantial completion anticipated by September
- Barraza/Aviation Parkway; design and right of way activities included with I-10, Alvernon to Valencia project
- Irvington Road Interchange; construction initiated
- Working with Town of Marana for initiation of Moore Road interchange

City of South Tucson

- Requested funding for a pavement rehabilitation project on Tenth Avenue
- Partnering with City of Tucson on Safety and Security items for Transit Element



Update on Delivery Activities

Pascua Yaqui Tribe

- No new projects requested for FY 2027

Pima County

- 2006 Plan; Environmental and Economic Vitality Element
 - Palo Verde Road sidewalks and S. Houghton pathway; construction targeted to start by end of year
- Roadway Element
 - Project initiation underway for:
 - Silverbell, Camino del Cerro to Ina
 - N. First Avenue, Orange Grove to Ina
 - Thornydale, Cortaro to Tangerine
 - Project construction forthcoming
 - Valencia, Camino de la Tierra to Mission (First segment of project #10); anticipated to start late 2026



Update on Delivery Activities

Tohono O'odham Nation

- 2006 Plan; Environmental and Economic Vitality Element
 - SR 86 Wildlife Crossing; revised concept to Council in September
- No new projects requested for FY 2027

Town of Marana

2006 Plan; Roadway Element

- Tangerine Road, I-10 to Marana Tech Drive (2A)
 - Roadway construction complete; railroad crossing modifications anticipated in 2029
- Tangerine Road, Marana Tech Drive to Dove Mountain (2B)
 - Construction anticipated for 2027
- Moore Road interchange
 - Project initiation activities are underway



Update on Delivery Activities

Tucson DTM

2006 Plan

Roadway, Environmental and Economic Vitality Elements

- Multiple projects nearing completion
- Several projects have construction underway/forthcoming (Roadway, bike and ped)
- All plan projects underway (design, right of way, etc.)

2026 Plan

Roadway Element

- Activities underway; Grant Road; Freemont to Sparkman (5&6), Drexel; Midvale to Calle Santa Cruz
- Forthcoming; 22nd Street; I-10 to Kino, Drexel; Mission to Midvale



Update on Delivery Activities

Tucson DTM

Pavement Rehabilitation Element

- FY 2027 allocation
 - Alvernon Road, Julian Wash to Valencia
 - Irvington Road, Kolb Road to Houghton Road
 - Kolb Road, Valencia Road to Interstate 10
 - Silverbell Road, Grant Road to St Mary's
 - Wrightstown/Harrison roads, Pantano to Speedway
 - Swan Road, Rillito River to Speedway

Transit Element

- High-Capacity Transit (HCT)/Bus Rapid Transit (BRT) on Stone Ave. is under design. Federal grant application is forthcoming
- All operational activities are ongoing
- Safety and Security implementation is underway



Update on Delivery Activities

RTA

- Roadway Element
 - First Ave., Grant to River; partnering with DTM for 30% approval by Board and transition into final design and delivery
 - Houghton Road, Broadway to Tanque Verde Road; activities underway to initiate design
- Transit Element
 - Sun Shuttle Fixed/Paratransit activities are ongoing. Increasing TNC use
 - Short Range Transit Plan kicked off August 26, 2026, and estimated completion March 2027



September 2026

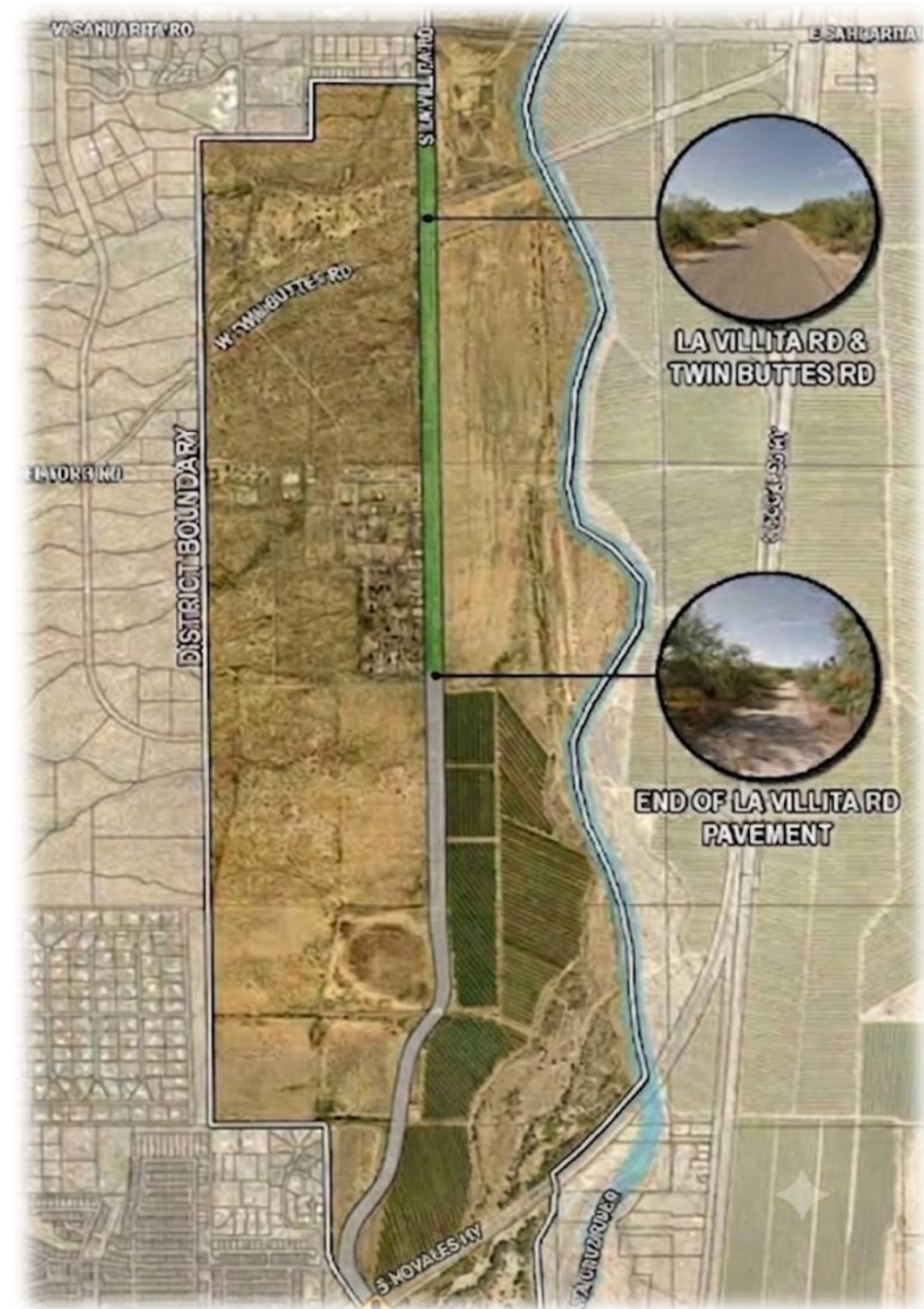


RTA Next – Period 1 Planning

RTA #7: La Villita Road Extension

Project Description:

- Install paved shoulders and improve pavement section on existing road
- Remove intersection at Twin Buttes Road
- Extend new 2-lane road with paved shoulders to Nogales Highway
- Extend existing multi-use path from El Toro Road to Nogales Highway
- Drainage Improvements
- Tie in to existing signalized intersection



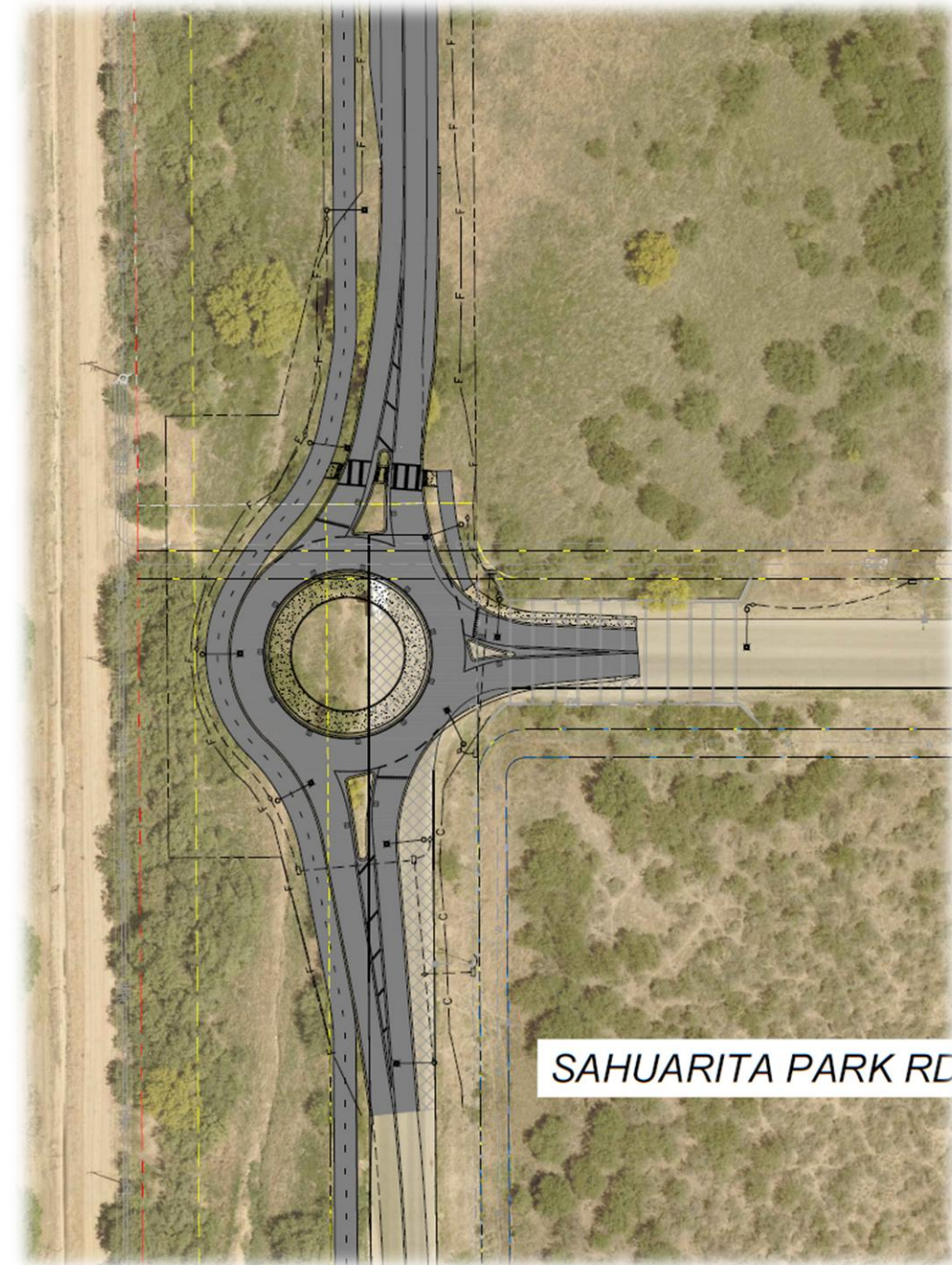
La Villita Road Extension – Schedule

- ✓ August 2026 – Select design consultant
- ✓ November 2026 – NTP for Design
- ✓ November 2027 – 30% Plans Complete
- ✓ December 2027 – ROW Acquisition
- ✓ February 2029 – 100% Design Complete
- ✓ July 2029 – NTP for Construction
- ✓ June 2031 – Substantial Completion

Sahuarita Park Road Extension and Safety Improvements

Project Description:

- Installation of a roundabout at Walden Grove High School on Sahuarita Park Road extension to minimize conflicts with high school drivers and visitors to the Phoenix Zoo Endangered Animal Safari
- New multi-use path Sahuarita Road to roundabout
- Lighting Improvements





Regional Transportation Authority Technical Management Committee

Town of Oro Valley – Period I Projects

September 9, 2026

Town of Oro Valley

Period I Projects (2026 – 2031)

▶ **Roadway Element I**

- Shannon Road - Tangerine Road to Lambert Lane
- Lambert Lane – Rancho Sonora to Thornydale

▶ **Safety Element II**

- Tangerine Road / Musette Drive- Traffic Signal

▶ **Pavement Rehabilitation Element III**

- La Cañada Deck Rehabilitation

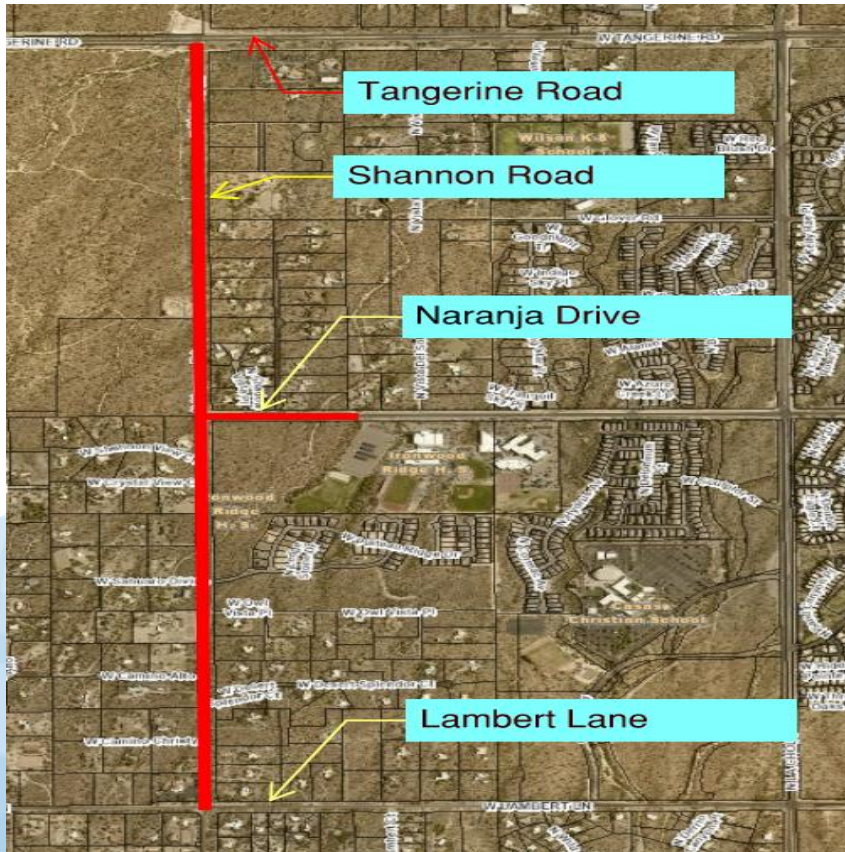
▶ **Transit Element IV**

- Continuation of Transit Services



Shannon Road – 2 miles

- ▶ Lambert Lane to Tangerine Road
- ▶ Naranja Drive Shannon Road to Ironwood Ridge High School





Shannon Road – 2 miles

- Construct new 3-lane roadway
- 12-foot travel lanes
- 6-foot-wide sidewalk
- 6-foot-wide multi-use lanes (bike lanes)
- 10-foot-wide multi-use path
- Drainage facilities
- Traffic signals
- Roundabout
- Landscaping
- Public art





Shannon Road

Funding

- **RTA:** \$25,773,000
- **OV:** \$1,100,000
- **Total:** \$26,873,000

Tentative Schedule

Design – 20 months

- Start: August 2026
- Completion: April 2028

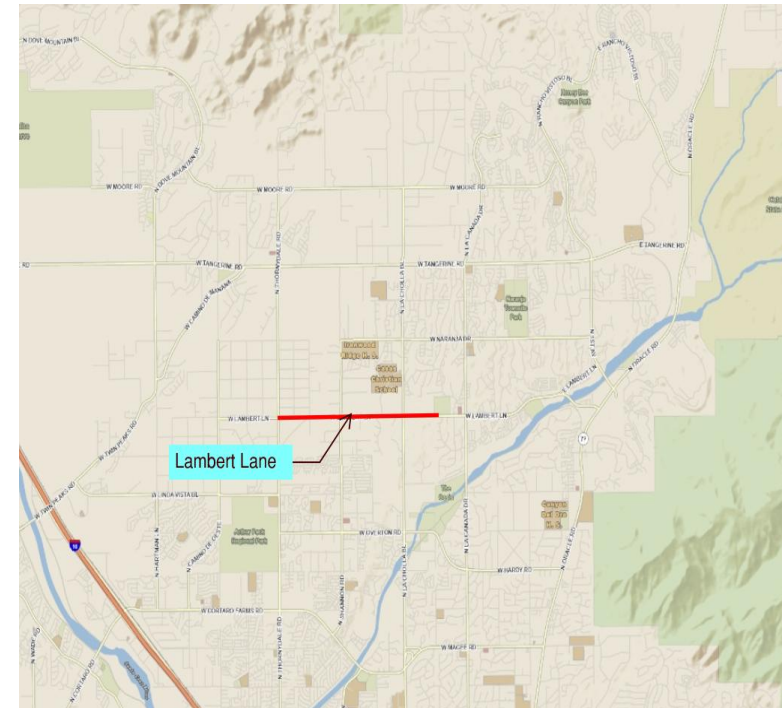
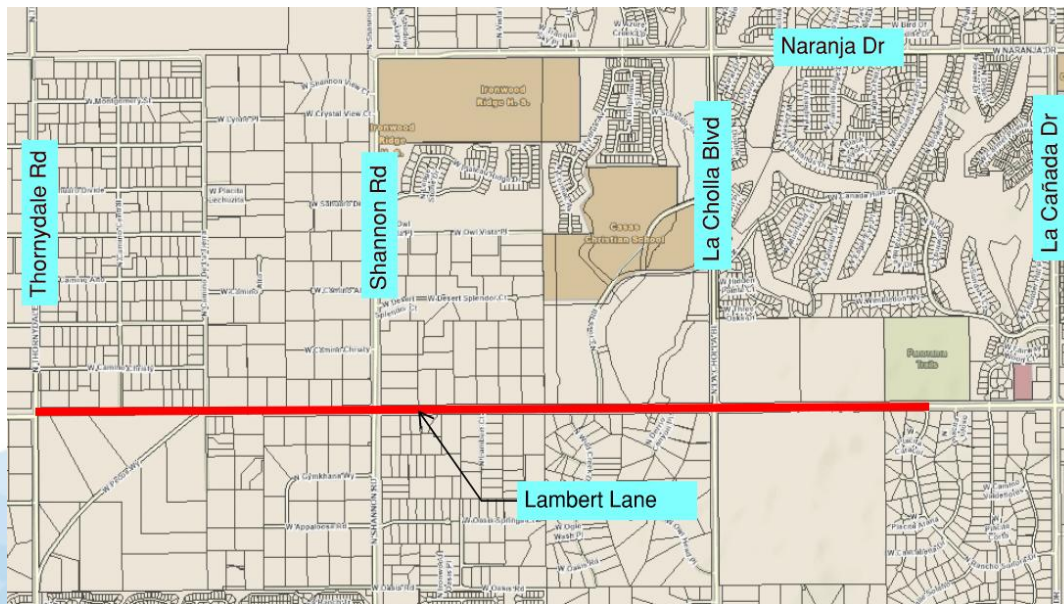
Construction – 18 Months

- Start: July 2028
- Completion: January 2030



Lambert Lane – 2.5 Miles

▶ Thornydale Road to Rancho Sonora Drive





Lambert Lane – 2.5 Miles

- Widen roadway to 4-lanes
- 12-foot travel lanes
- 6-foot-wide sidewalk
- 6-foot-wide multi-use lanes (bike lanes)
- 10-foot-wide multi-use path
- Drainage facilities
- Landscaping
- Public art





Lambert Lane

Funding

- **RTA:** \$55,175,000
- **OV:** \$1,100,000
- **Total:** \$56,275,000

Tentative Schedule

Design – 24 Months

- Start: June 2027
- Completion: June 2029

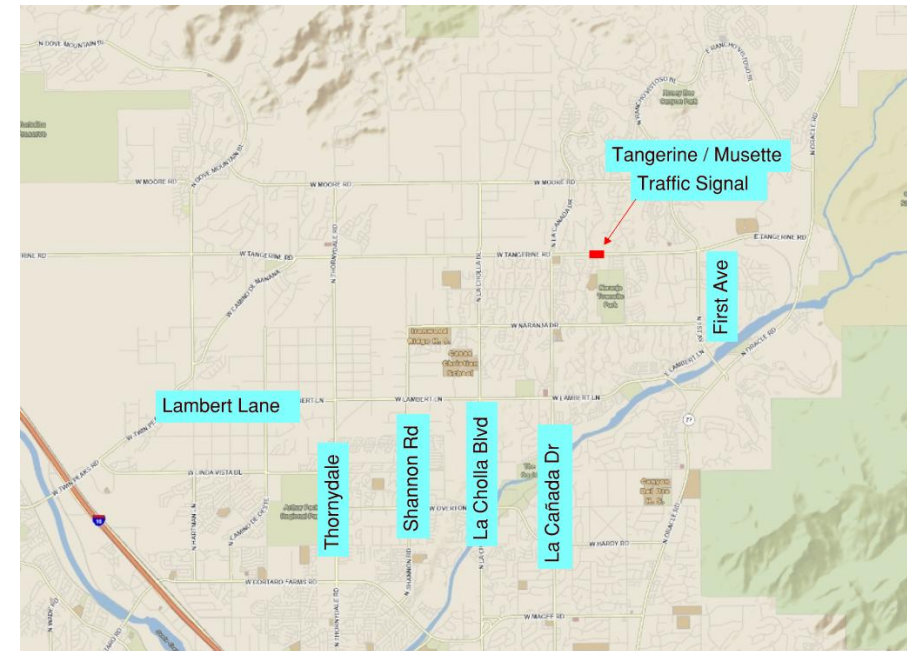
Construction – 24 Months

- Start: Fall 2029
- Completion: Fall 2031



Safety Element II

Tangerine Road / Musette Drive Traffic Signal



Safety Element II

Oro Valley Allocation – Periods I - IV

- \$10,400,000

Tangerine Road / Musette Drive - Traffic Signal Funding

- RTA: \$750,000

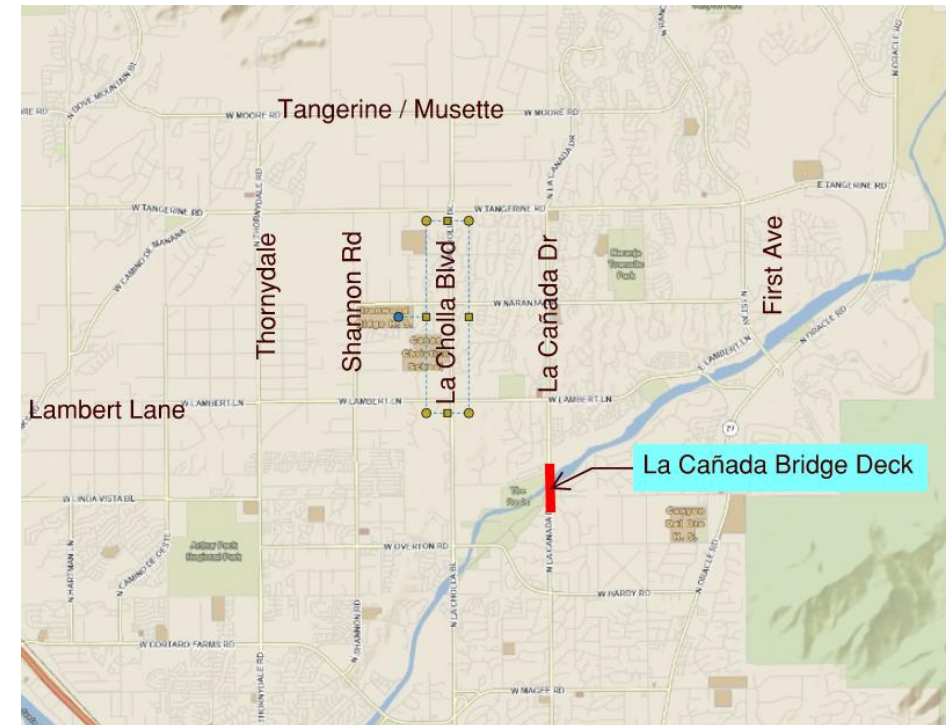
Tentative Schedule

- Design: Ongoing
- Construction Start: Fall 2026



Pavement Rehabilitation Element III

La Cañada Bridge Deck Rehabilitation



Pavement Rehabilitation Element III



Oro Valley Allocation – Periods I - IV

- \$5,000,000

La Cañada Bridge Deck Rehabilitation

Design Funding:

- RTA \$300,000

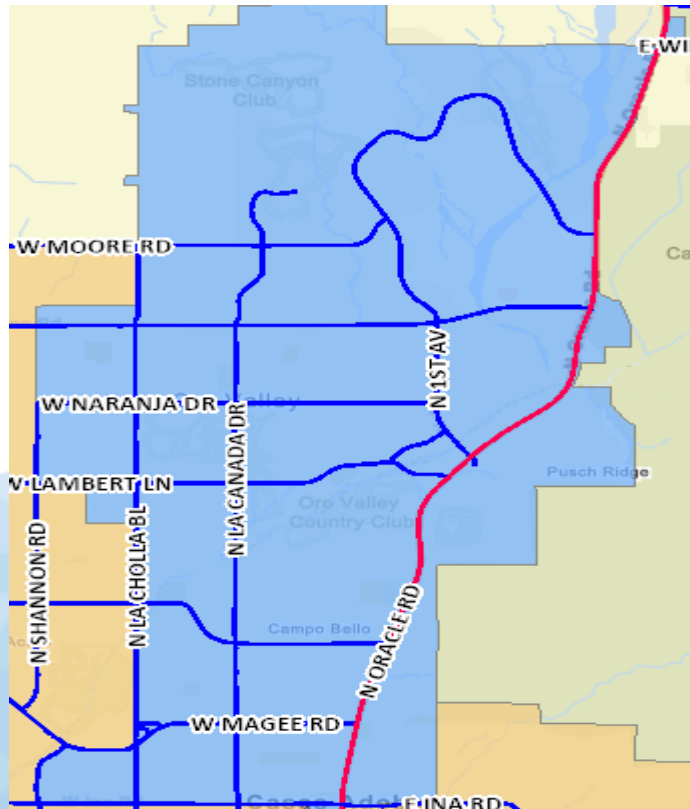
Tentative Schedule:

- Start Design fall 2026 and finish spring 2028
- Start Construction summer 2028 finish spring 2029



Transit Element IV

- ▶ Oro Valley Sun Shuttle operates in the northwest area of the Tucson region. We transport General Public (GP), Seniors (S) (age 65 and older) and those with disabilities (ADA). All rides must originate in the Blue Zone. GP riders must stay within this Blue Zone. Senior and ADA riders can travel beyond.

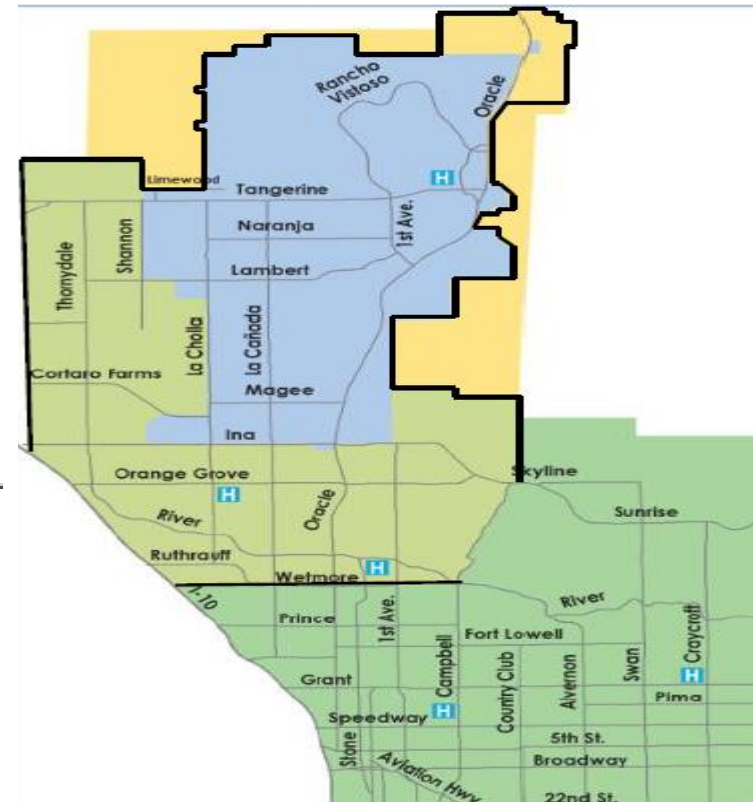


FY 2026

GP: 15,057
S: 19,193
ADA: 41,964

Employees
Office: 11
Drivers: 64

Vehicles
Mini Van: 3
Transit: 1
Cutaway: 24



Questions?



Moving Forward

Focus on Performance and Plan Delivery

- Financial aspects
- Project performance
- Overall plan delivery

Information on project activities will be available through podcasts, social media, websites, etc.



Roadway Element | Safety, ADA and Active Trans Element | Pavement Element | Environmental Element | Transit Element |



Thank You



2006 Plan Performance Matrix

Roadway Element																								
Subelement	Project	1 IGA Execution	2 Consultant Solicitation Advertised	3 NTP for Design	4 30% Design	\$\$ 30% Cost Value (Invoiced Amount from Consultant)	5 Indemnify Utilities	6 Utility Clearance	\$\$ Utility Prior Rights Cost Value	7 Start making offers for Real Property transactions	8 Right of way Clearance	\$\$ Right of way Cost Value	9 Permit/clearance submittal	10 Permit/clearance approval	11 100% Design	12 Ad Date	\$\$ Final Design Cost Value (Invoiced Amount from Consultant)	13 NTP for Construction	14 Substantial Completion	\$\$ Substantial Completion Cost Value (Invoiced Amount from Contractor/Consultant)	15 Final Project Closeout	\$\$ Final Project Closeout Cost Value (Invoiced Amount from Contractor/Consultant)	\$\$ Total Budget	Notes/Comments
1	Tangerine, Phase 2A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3/6/23	3/2/26	\$42,320,058	7/30/29	Not Available	\$58,844,000	
5	Silvebell Rd., Phase 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7/21/26	8/19/26	\$3,038,285	12/1/26	12/31/28	\$53,955,290	2/15/31	\$54,255,290	Info Pending	Using \$5M for the cultural and archeological recovery, testing, curation, etc. for both pre-construction and construction phases. Include in the total budget
8	Sunset Rd., Phase 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8/15/26	\$37,039,516	8/1/28	\$39,639,516	\$40,498,616	Project is being constructed as part of larger I-10 widening project from Ina to Ruthrauff
15	Grant Rd. Underpass at UPRR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5/4/26	9/30/26	\$7,500,000	11/30/26	\$7,500,000	\$24,797,000	Should this be for the currently completed project, or also include the potential 2nd phase for the bike/ped aspect?
16	Downtown Links	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8/31/20	9/15/26	Info Pending	9/30/28	Info Pending	Info Pending	
18	Grant Rd., Phases 3&4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4/29/24	12/30/26	\$68,755,000	2/15/28	\$68,755,000	\$115,255,000	Total Budget also includes \$46,500,000 for right of way
19	22nd St., Phase 2, Bridge over UPRR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2/23/26	11/2/28	\$165,000,000	11/15/30	\$166,650,000	Info Pending	
20	Barraza/Aviation, Design and Right of Way	N/A	2/25/26	8/30/26	2/1/27	\$8,700,000	9/1/26	9/1/27	\$21,000,000	6/1/26	9/1/27	\$10,000,000	10/1/27	12/1/27	12/1/27	2/1/28	\$29,000,000	6/1/28	6/1/30	\$402,300,000	6/1/31	\$447,000,000	\$447,000,000	Project is being constructed as part of larger I-10 widening project from Alvernon to Valencia
21	Valencia, Ajo to Mark Road (bus pullout at Ignacio Baumea)	N/A	N/A	N/A	N/A	N/A	N/A	Info Pending	\$0	N/A	N/A	\$0						Delivery Information Pending Hiring of Replacement Project Manager				\$350,000		
22	Irvington Rd., Santa Cruz River to East of I-10 (I/C Reconfig)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7/17/26	4/1/28	\$77,938,263	3/13/29	\$86,598,070	\$91,452,956	Project is being constructed as part of larger I-19 interchange reconstruction project
23	Valencia Rd., I-19 to Alvernon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12/1/26	1/15/27	\$1,200,000	4/30/27	4/30/28	\$8,080,000	5/30/30	\$8,600,000	\$9,800,000	
25	Valencia Rd., Kolb to Houghton	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11/11/24	8/30/26	\$35,643,825	10/31/28	\$35,898,825	\$39,018,000	
30	22nd St., Camino Seco to Houghton	N/A	N/A	N/A	N/A	N/A	9/9/25	6/30/28	Not Available	11/1/25	2/15/27	\$1,500,000	N/A	N/A	9/30/26	4/1/28	\$2,745,000	8/15/28	6/15/30	\$43,982,288	6/15/32	\$44,132,288	\$34,232,000	I am seeing \$41,785,000 including \$2M in local funds
31	Harrison Rd., Bridge over Pantano Wash	N/A	N/A	7/15/26	11/1/26	\$450,000	11/1/26	7/1/27	\$0	1/15/27	7/1/27	\$1,000,000	11/1/26	9/1/27	9/1/27	N/A	\$2,000,000	9/1/27	12/31/29	\$25,000,000	12/31/31	\$27,500,000	\$14,250,000	
32	Houghton Rd., Irvington to 22nd St. (Segment 7)	N/A	N/A	N/A	N/A	N/A	N/A	11/30/26	Not Available	N/A	7/14/26	Not Available	N/A	10/1/26	9/15/26	11/15/26	\$7,846,385	3/1/27	4/1/29	\$69,047,282	5/30/31	\$73,614,130	Info Pending	

2026 Plan Performance Matrix

Safety, ADA and Active Transportation Element																							
Subelement	Project	1	2	3	4	\$\$	5	6	\$\$	7	8	\$\$	9	10	11	12	\$\$	13	14	\$\$	15	\$\$	
		Charter Execution	Consultant Solicitation Advertised	NTP for Design	30% Design	30% Cost Value (Invoiced Amount from Consultant)	Indemnify Utilities	Utility Clearance	Utility Prior Rights Cost Value	Start making offers for Real Property transactions	Right of way Clearance	Right of way Cost Value	Permit/clearance submittal	Permit/clearance approval	100% Design	Ad Date	Final Design Cost Value (Invoiced Amount from Consultant)	NTP for Construction	Substantial Completion	Substantial Completion Cost Value (Invoiced Amount from Contractor/Consultant)	Final Project Closeout	Final Project Closeout Cost Value (Invoiced Amount from Contractor/Consultant)	Total Budget

40, Safety and Active Transportation Element Projects, Oro Valley

Tangerine Road/Musette Drive, Traffic Signal Installation

Pavement Rehabilitation Element																						
Subelement	Project	1	2	3	4	\$\$	5	6	\$\$	7	8	\$\$	9	10	11	12	\$\$	13	14	\$\$	15	\$\$
		Charter Execution	Consultant Solicitation Advertised	NTP for Design	30% Design	30% Cost Value (Invoiced Amount from Consultant)	Indemnify Utilities	Utility Clearance	Utility Prior Rights Cost Value	Start making offers for Real Property transactions	Right of way Clearance	Right of way Cost Value	Permit/clearance submittal	Permit/clearance approval	100% Design	Ad Date	Final Design Cost Value (Invoiced Amount from Consultant)	NTP for Construction	Substantial Completion	Substantial Completion Cost Value (Invoiced Amount from Contractor/Consultant)	Final Project Closeout	Final Project Closeout Cost Value (Invoiced Amount from Contractor/Consultant)

42	Tucson FY 2027	9/24/26	N/A	5/1/26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12/31/26	N/A	\$500,000	7/20/26	9/1/27	\$28,000,000	10/1/27	\$28,000,000	\$28,500,000
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#42

La Canda Bridge Deck Repair

Environmental Element																							
Subelement	Project	1	2	3	4	\$\$	5	6	\$\$	7	8	\$\$	9	10	11	12	\$\$	13	14	\$\$	15	\$\$	
		Charter Execution	Consultant Solicitation Advertised	NTP for Design	30% Design	30% Cost Value (Invoiced Amount from Consultant)	Indemnify Utilities	Utility Clearance	Utility Prior Rights Cost Value	Start making offers for Real Property transactions	Right of way Clearance	Right of way Cost Value	Permit/clearance submittal	Permit/clearance approval	100% Design	Ad Date	Final Design Cost Value (Invoiced Amount from Consultant)	NTP for Construction	Substantial Completion	Substantial Completion Cost Value (Invoiced Amount from Contractor/Consultant)	Final Project Closeout	Final Project Closeout Cost Value (Invoiced Amount from Contractor/Consultant)	Total Budget

44

No Activity

Transit Element																						
Subelement	Project	1	2	3	4	\$\$	5	6	\$\$	7	8	\$\$	9	10	11	12	\$\$	13	14	\$\$	15	\$\$
		Charter Execution	Consultant Solicitation Advertised	NTP for Design	30% Design	30% Cost Value (Invoiced Amount from Consultant)	Indemnify Utilities	Utility Clearance	Utility Prior Rights Cost Value	Start making offers for Real Property transactions	Right of way Clearance	Right of way Cost Value	Permit/clearance submittal	Permit/clearance approval	100% Design	Ad Date	Final Design Cost Value (Invoiced Amount from Consultant)	NTP for Construction	Substantial Completion	Substantial Completion Cost Value (Invoiced Amount from Contractor/Consultant)	Final Project Closeout	Final Project Closeout Cost Value (Invoiced Amount from Contractor/Consultant)

46

HCT Transit Improvements (Stove Ave., BRT)

47

Streetcar Operations

48

Expanded Weekday/Evening/Weekend Bus Service Hours and Paratransit Service

49

Bus Frequency/Route and Service Area Expansion

50

Express and Shuttle Fixed/Dial-a-ride/Paratransit Services

51

Safety and Security Of Regional Transit System

52

General Expansion of Transit Services Regionwide

Information from Draft Project Charter

SUBJECT: North First Avenue 30% Design Review

Meeting	Meeting Date	Agenda Category	Agenda Item #
CART	September 9, 2026	Action	5

REQUESTED ACTION/SUGGESTED MOTION

Discussion and recommendation to the RTA Board for approval of the 30% design for North First Avenue, River Road to Grant Road (RTA#2006-14) project.

ASSOCIATED OWP WORK ELEMENT/GOAL

Work element 46, RTA Support

SUMMARY

The CART is being asked to review the North First Avenue project and confirm that the scope, schedule and budget remain consistent with the voter-approved plan. The CART is also being asked to review the public engagement activities completed to date.

The First Avenue Citizen's Task Force is scheduled to meet on September 3, 2026 to review the North First Avenue Design Concept Report and 30% plans. The Task Force will consider supporting advancement of the project. The outcomes of the meeting will be reported to CART at the September 9, 2026 meeting.

Additional information regarding the project's delivery method will be presented during the meeting. Given the project limits, scope, funding, and complexity, the RTA and City of Tucson Department of Transportation and Mobility (DTM) plan to deliver the project in two segments:

1. North Segment: Wetmore Road to River Road (Federal)
RTA will lead remaining delivery activities on behalf of the City of Tucson. Including project development, final design, right-of-way acquisition, permitting, utility coordination, relocation and construction.

As the BUILD grant recipient, the City of Tucson will remain responsible for all applicable federal grant requirements.

2. South Segment: Grant Road to Wetmore Road (Local)
RTA will lead remaining delivery activities on behalf of the City of Tucson, including project development, final design, right-of-way acquisition, permitting, utility coordination, relocation and construction.

Project Charters for each segment will define RTA and City of Tucson roles, responsibilities, and coordination requirements.

PRIOR BOARD AND/OR COMMITTEE ACTION

The RTA Board previously approved funding for initial design, up to 30%, and preliminary right-of-way acquisition.

FINANCIAL CONSIDERATIONS

Voter approved budget: \$135,500,000

- \$70,755,000 RTA funds
- \$62,745,000 Non-RTA funds (\$25M federal BUILD grant and regional funds)

TECHNICAL, POLICY, LEGAL OR OTHER CONSIDERATIONS

None

ATTACHED ADDITIONAL BACKUP INFORMATION

[North First Avenue 30 Percent Plan Submittal](#)

Staff Contact/Phone	
	Michael J. Ortega, (520) 792-1093 Greg Byres (520) 791-1093 Carlos De La Torres (520) 792-1093



Ultimately, the CTF approved the use of the two cross-sections illustrated below to be utilized as the starting point for conceptual design. The complete roadway layout will be refined through the final design process:

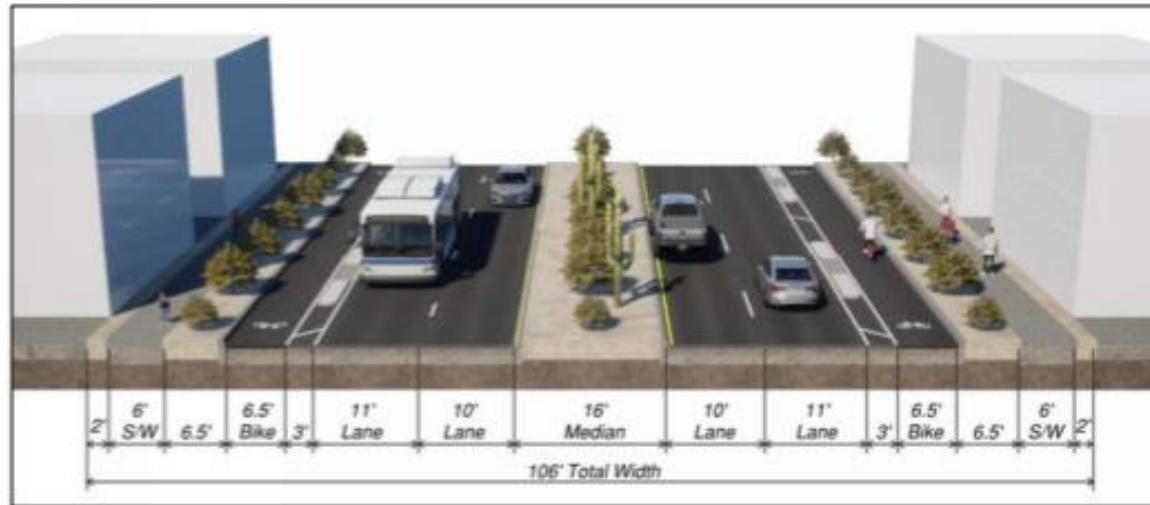


Figure 41 - Preferred Roadway Cross-Section

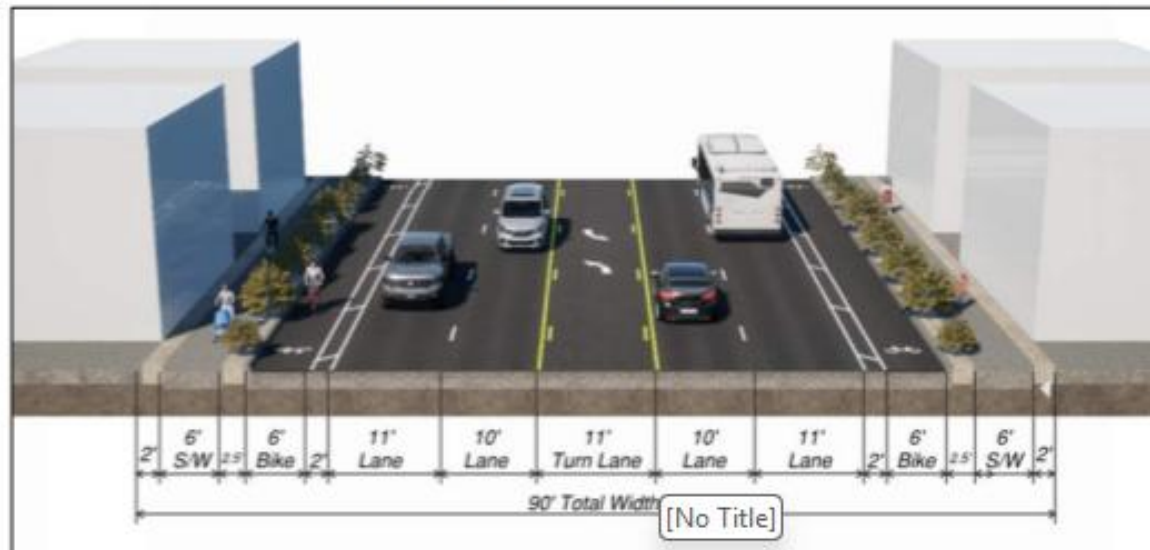


Figure 42 - CTF Selected Narrowed Roadway Cross-Section

14 Recommended Roadway Alignment Alternative

Utilizing the Project Goals and associated Design Strategies, the design team was able to create the Recommended Roadway Alignment Alternative. This alternative provides the preferred roadway cross-section for the majority of the corridor, and narrow roadway cross-section between Prince Road and Roger Road. By utilizing the curvilinear to acquire necessary right-of-way width from both sides of 1st Avenue, this alternative minimizes the not only the cost of right-of-way acquisition, but reduces the impact to the existing business and homes, and preserves much of the existing character along the corridor.



Figure 52 - Recommend Roadway Alignment. Approved by the CTF and Presented at the Phase III Outreach Open House

GENERAL NOTES

- HORIZONTAL CONTROL:**
HORIZONTAL DATUM: ARIZONA COORDINATE SYSTEM, NORTH AMERICAN DATUM (NAD) 1983 (2011) WITH 2010 EPOCH, CENTRAL ZONE 0202, IN INTERNATIONAL FEET, USING A COMBINED SCALE FACTOR (CF), 0.9999910 (1/CF = 1.00010901188). SURFACE NORTHING AND EASTING COORDINATES ARE DERIVED BY DIVIDING THE STATE PLANE GRID COORDINATES BY THE COMBINED SCALE FACTOR (SURFACE VALUE=GRID VALUE/CF).
- BASIS OF BEARING:**
THE BASIS OF BEARING FOR THIS PROJECT IS NORTH 00°02'30" WEST, AND WAS DERIVED USING THE PREVIOUSLY DESCRIBED HORIZONTAL DATUM AND OBSERVED LOCATIONS OF POINT NO. 600 AN ESTABLISHED 1/2" REBAR FLUSH WITH NO TAG LOCATED AT THE SOUTHEAST CORNER OF SECOND (2ND) AVENUE AND GRANT ROAD LAYING 19 FEET EAST OF 2ND AVENUE'S EAST RIGHT-OF-WAY LINE TO POINT NO. 606 A PIMA COUNTY'S ONLINE POSITIONING USER SERVICE (OPUS) "13S13E, N25 AND ALSO KNOWN AS PIMA COUNTY SURVEY DESIGNATION "NN-148 WHICH IS A FOUND 3/16" STAINLESS STEEL PIN IN PVC SLEEVE INCASED IN CONCRETE WITH NO LID, THE RIM IS STAMPED "NN-148 1991" LAYING 0.30' BELOW GROUND, AND LOCATED 750 FEET SOUTH OF THE INTERSECTION OF RIVER ROAD AND FIRST (1ST) AVENUE AND 48 FEET WEST OF THE RANGE LINE BETWEEN SECTION 24 OF T.13S, R.13E, AND SECTION 19 OF T.13S, R.14E, OF GILA AND SALT RIVER MERIDIAN, THE HORIZONTAL SURFACE DISTANCE BETWEEN THESE TWO MONUMENTS IS 15749.11 FEET.
- VERTICAL CONTROL:**
THE BASIS OF ELEVATION (B.O.E.) AND PRIMARY HORIZONTAL CONTROL POINT FOR THIS PROJECT IS POINT NO. 506 A PIMA COUNTY'S ONLINE POSITIONING USER SERVICE (OPUS) "13S13E, N25 AND ALSO KNOWN AS PIMA COUNTY SURVEY DESIGNATION "NN-148 WHICH IS A FOUND 3/16" S TAINLESS STEEL PIN IN PVC SLEEVE INCASED IN CONCRETE WITH NO LID, THE RIM IS STAMPED "NN-148 1991" LAYING 0.30' BELOW GROUND, AND LOCATED 750 FEET SOUTH OF THE INTERSECTION OF RIVER ROAD AND 1ST AVENUE AND 48 FEET WEST OF THE RANGE LINE BETWEEN SECTION 24 OF T.13S, R.13E, AND SECTION 19 OF T.13S, R.14E, OF GILA AND SALT RIVER MERIDIAN, AS SHOWN ON PIMA COUNTY GPS OCCUPATION SHEET PID - GPS0143, AND HAVING AN ORTHOMETRIC ELEVATION = 2322.01 FEET BASED UPON NORTH AMERICAN VERTICAL DATUM (NAVVD) 1988 INTERNATIONAL FEE, AND USING GEOID18.
- THE PRIMARY CONTROL POINT IS THE SAME PIMA COUNTY DOT OPUS CONTROL POINT "13S13E, N25" AS DESCRIBED UNDER VERTICAL CONTROL, WHICH IS AN OPUS RESOLVED STATIC SOLUTION. THE SECONDARY CONTROL POINTS WERE ESTABLISHED FOR THIS PROJECT BASED UPON THE PRIMARY CONTROL POINT. THE CONTROL POINTS USED FOR THIS PROJECT HAVE THE FOLLOWING COORDINATE VALUES:**

POINT & NAME	NORTHING INTERNATIONAL FEET	EASTING INTERNATIONAL FEET	ORTHOMETRIC ELEVATION INTERNATIONAL FEET
PRIMARY CONTROL PT. & B.O.E.			
13S13E, N25	2011 GRID		
PT. #606	SURFACE		
SECONDARY CONTROL PTS.			
EPS CP PT. #600	2011 GRID	455,991.8630	995,235.8940
1/2" REBAR	SURFACE	456,041.5720	995,344.3870
LOCATED NORTHEAST OF NORTH STREET AND 2ND AVENUE.			
EPS CP PT. #604	2011 GRID	462,701.2200	995,560.2240
1/2" REBAR	SURFACE	462,751.6600	995,668.7520
LOCATED EAST OF FIRST AVENUE IN ALLEY BETWEEN FREEMAN PLACE AND HOLMAN DRIVE.			
EPS CP PT. #607	2011 GRID	471,224.0410	995,327.2250
1/2" REBAR	SURFACE	471,275.4110	995,435.7280
LOCATED SOUTHEAST OF FIRST AVENUE AND BROMLEY STREET.			
- ALL STATIONING SHOWN ON THE PLANS AND PROFILES IS ALONG THE CONSTRUCTION CENTERLINE UNLESS OTHERWISE NOTED.
- ALL CONSTRUCTION SHALL CONFORM TO 2015 EDITION OF THE PIMA ASSOCIATION OF GOVERNMENTS (PAG) STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC IMPROVEMENTS EXCEPT AS MODIFIED IN THE CONTRACT SPECIFICATIONS OR PLANS. PAVEMENT MARKING SHALL CONFORM TO THE PC/COT SIGNING & PAVEMENT MARKING DESIGN MANUAL, 2020 FIRST EDITION, REFERENCED ADOT STANDARDS ARE PER THE LATEST EDITION ADOT BRIDGE GROUP STRUCTURE DETAIL DRAWINGS, CONSTRUCTION STANDARD DRAWINGS, & SIGNING AND MARKING STANDARD DRAWINGS.
- EXISTING OVERHEAD ELECTRIC, TELEPHONE AND CABLE T.V. UTILITIES AND UNDERGROUND ELECTRIC, GAS, T.V. AND TELEPHONE UTILITIES WILL BE RELOCATED BY OTHERS.
- SURVEY MONUMENTS WILL BE FURNISHED AND PLACED BY THE CONTRACTOR PER PAG STD. DTL. 103 SHT. 1 OF 3 OR SHT. 2 OF 3. SEE GEOMETRIC LAYOUT AND PAVING PLAN AND PROFILE SHEETS FOR LOCATIONS.
- ALL SURVEY MONUMENTS SHALL BE ESTABLISHED BY A LAND SURVEYOR REGISTERED IN THE STATE OF ARIZONA, AND A RECORD OF SURVEY WILL BE PROVIDED.
- RADI ARE MEASURED TO FRONT FACE OF CURB PER C.O.T. STANDARDS.
- CONSTRUCTION ZONE TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, EDITION OF 2023, AND THE SPECIAL PROVISIONS.
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS.
- SOUTHWEST GAS HAS VALVES WITHIN THE PROJECT AREA THAT MAY NEED TO BE PROTECTED AND ADJUSTED TO FINAL GRADE. THE CONTRACTOR MUST CONTACT SOUTHWEST GAS FOR ADJUSTING VALVES AT LEAST TWO WEEKS PRIOR TO THE START OF CONSTRUCTION BY CALLING (520) 794-8208.
- SOUTHWEST GAS REQUIRES A 1-FOOT MINIMUM SEPARATION WHEN CROSSING ITS DISTRIBUTION FACILITIES AND A 3-FOOT MINIMUM SEPARATION WHEN CROSSING HIGH PRESSURE MAINS.
- SWPPP MEASURES SHALL BE INSTALLED SO AS TO PREVENT ALL STORM WATER, CONSTRUCTION WATER, FUELS, CHEMICALS OR LIQUIDS FROM BEING DIRECTED INTO OR ONTO ANY SANITARY SEWER FACILITIES. PROTECTION OF SANITARY SEWER FACILITIES SHALL BE A PART OF THE APPROVED CONSTRUCTION SWPPP AND BEST MANAGEMENT PRACTICES. PROTECTION DEVICES SHALL BE INSTALLED AND MAINTAINED AROUND ALL POTENTIALLY AFFECTED SANITARY SEWER FACILITIES WITHIN THE PROJECT LIMITS. ADDITIONAL MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO THE USE OF RAIN STOPPERS AND WATERPROOF MANHOLE COVERS AS DEEMED NECESSARY BY THE PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT.
- THE CONTRACTOR SHALL VERIFY EXISTENCE OF ALL UTILITIES BY CALLING BLUE STAKE AT 1-800-782-5348 48 HOURS PRIOR TO CONSTRUCTION. ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE, AND ARE SHOWN USING THE BEST AVAILABLE DATA. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DEPTH AND HORIZONTAL LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. ANY AND ALL DAMAGE DONE BY THE CONTRACTOR TO EXISTING UTILITIES DURING CONSTRUCTION SHALL BE THE FAULT OF THE CONTRACTOR, WITH THE CONTRACTOR BEARING ALL FINANCIAL RESPONSIBILITY.
- THE CONTRACTOR SHALL INSTALL ALL PERMANENT PAVEMENT MARKINGS, AND ALL PERMANENT TRAFFIC CONTROL SIGNS.

- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS, ALLEYS, AND MAILBOXES DURING CONSTRUCTION. THE CONTRACTOR WILL NOT RESTRICT EMERGENCY VEHICLES, US POSTAL DELIVERY, SOLID WASTE COLLECTIONS AND/OR ACCESS TO THE ADJACENT PROPERTIES EXCEPT AS APPROVED BY THE ENGINEER.
- A COPY OF THESE PLANS SHALL BE KEPT IN AN EASILY ACCESSIBLE LOCATION ON THE SITE AT ALL TIMES DURING CONSTRUCTION.
- ANY EXCESS EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR.
- IN THE EVENT THAT HUMAN REMAINS, INCLUDING HUMAN SKELETAL REMAINS, CREMATIONS, AND/OR FUNERARY OBJECTS ARE FOUND DURING EXCAVATION OR VICINITY OF THE DISCOVERY, STATE LAWS ARS 41-865 AND ARS 41-844 REQUIRE THAT THE ARIZONA STATE MUSEUM BE NOTIFIED OF THE DISCOVERY AT (520) 621-4795 SO THAT CULTURAL GROUPS WHO CLAIM CULTURAL OR RELIGIOUS AFFINITY TO THEM CAN MAKE APPROPRIATE ARRANGEMENTS FOR THE REPATRIATION AND REBURIAL OF THE REMAINS. THE HUMAN REMAINS WILL BE REMOVED FROM THE SITE BY A PROFESSIONAL ARCHAEOLOGIST PENDING CONSULTATION AND REVIEW BY THE ARIZONA STATE MUSEUM AND THE CONCERNED CULTURAL GROUPS.
- THE CONTRACTOR SHALL NOT DAMAGE NATURAL GROWTH WITHIN PRIVATE PROPERTY. ALL WORK SHALL BE DONE WITHIN EASEMENTS, ROADWAYS, AND ALLEYS.
- WHEN MATCHING EXISTING PAVEMENT OR CURB AND GUTTER, THE CONTRACTOR MUST VERIFY EXISTING ELEVATIONS TO ENSURE PROPER DRAINAGE AND GRADES. ANY DISCREPANCIES WITH THE PLANS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, HAIL, AND APPLY ALL WATER REQUIRED FOR COMPACTION, AND FOR THE CONTROL OF DUST FROM CONSTRUCTION ACTIVITY. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE CONSTRUCTION PRICE.
- DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CARE, MAINTENANCE, REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS IN THE WORK AREA WHICH HAVE BEEN REMOVED OR DAMAGED DURING THE COURSE OF CONSTRUCTION. ALL REPAIR, REPLACEMENT, OR CLEANUP SHALL BE DONE TO THE SATISFACTION OF THE OWNER.
- OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND RESOLVED BEFORE PROCEEDING WITH THE WORK.

INDEX OF SHEETS

SHEET NUMBER	SHEET TYPE
1	COVER SHEET
2 - 3	DESIGN SHEETS
4 - 9	TYPICAL SECTIONS & PAVEMENT SECTIONS
10 - 14	PIPE SUMMARY SHEET
15 - 24	DRAINAGE DETAILS
25 - 69	GEOMETRIC LAYOUT SHEET
70 - 172	ROADWAY PLAN & PROFILE SHEETS
173 - 209	DEMOLITION PLAN
210 - 219	STORM DRAIN PLAN & PROFILE SHEETS
220 - 257	STRIPING PLAN
258 - 294	LIGHTING PLAN
295 - 324	SIGNAL PLAN
325 - 365	HARDSCAPE PLAN
366 - 405	PLANTING PLAN
406 - 447	IRRIGATION PLAN
448 - 450	BRIDGE AESTHETICS
451 - 455	RETAINING WALL SHEETS
456 - 464	BRIDGE PLAN SHEETS
465 - 504	RECORD OF SURVEY

DESIGN SHEET

SHEET 1 OF 2

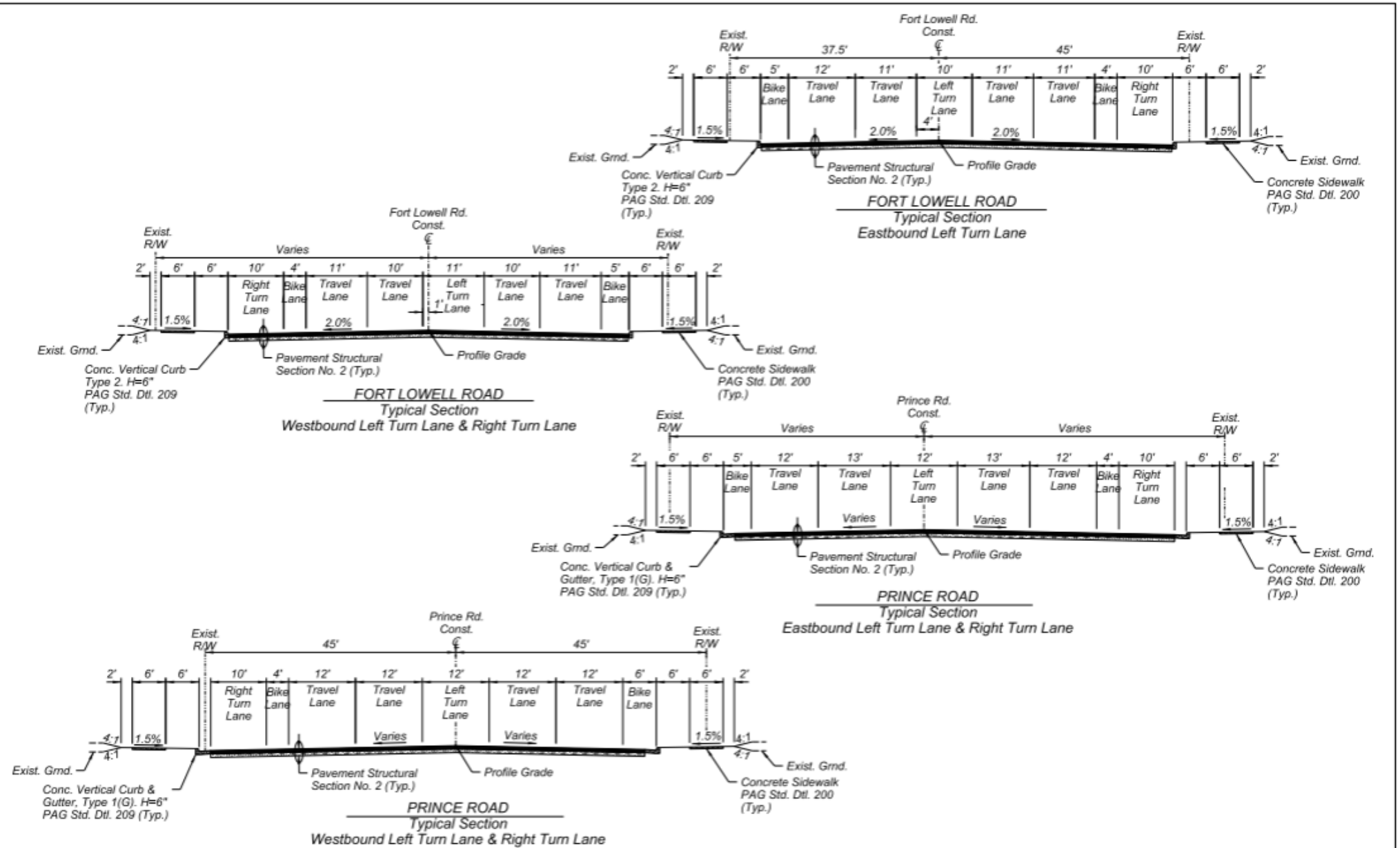
Record Document
Date: 08/08/2024



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DESIGN CONCEPT
SUBMITTAL
Preliminary
Not For
Construction

DEPARTMENT OF TRANSPORTATION AND MOBILITY/ENGINEERING DIVISION				2
1ST AVENUE, GRANT ROAD TO RIVER ROAD - ROADWAY IMPROVEMENTS				504
CITY OF TUCSON	DESIGNED BY [Signature]	CHECKED BY [Signature]	APPROVED BY [Signature]	DATE 08/08/2024
PLAN NO. R-2024-XXX				

 CITY OF TUCSON	DRAWN BY <u>JS</u>	CHECKED BY <u>JS</u>	APPROVED BY <u>JS</u>	SCALE <u>AS SHOWN</u>
	AUG 2024	AUG 2024	AUG 2024	PLAN NO. R-2024-XXX



TYPICAL SECTIONS

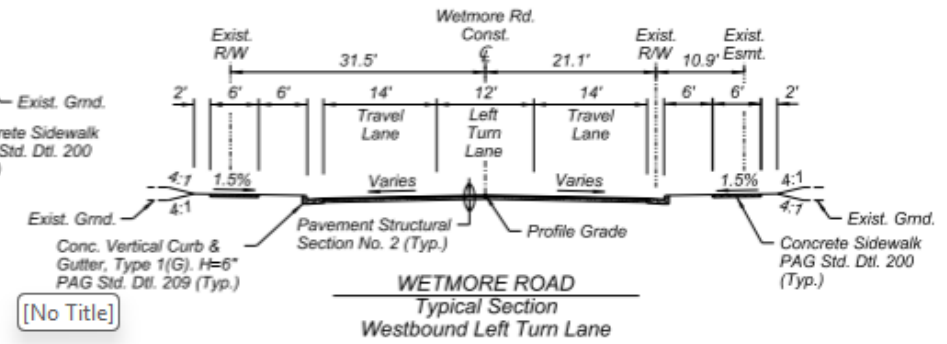
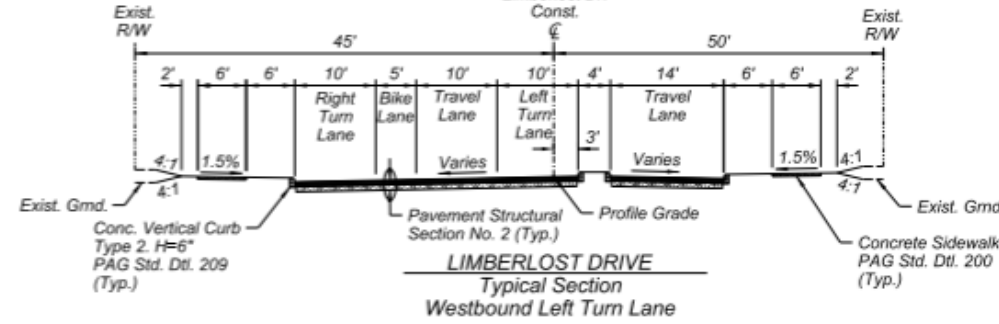
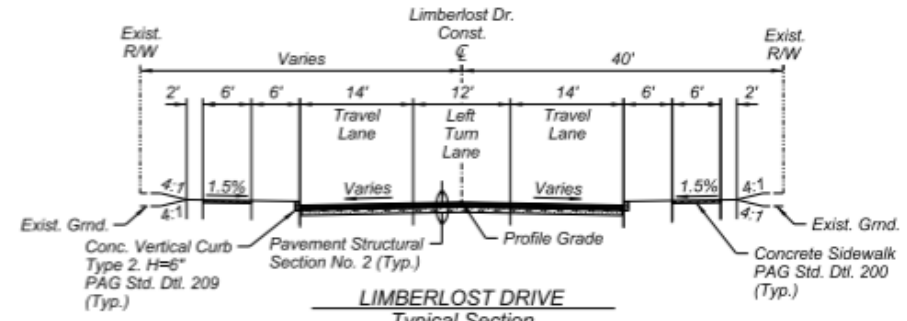
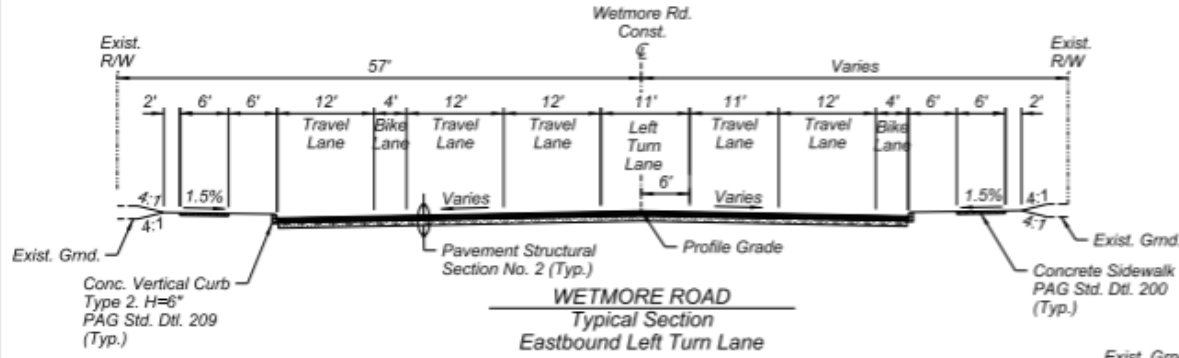
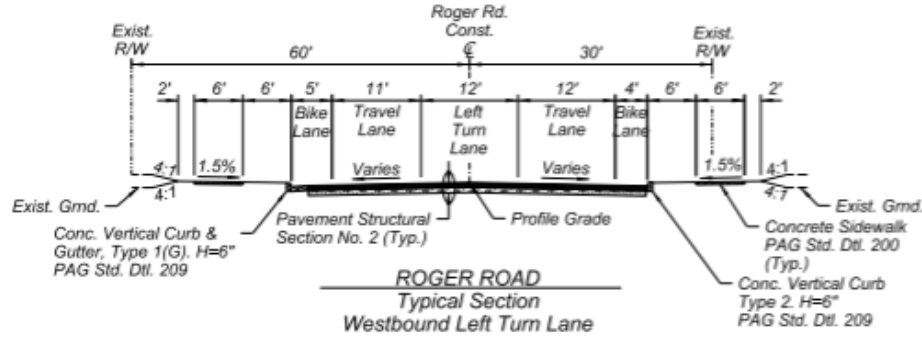
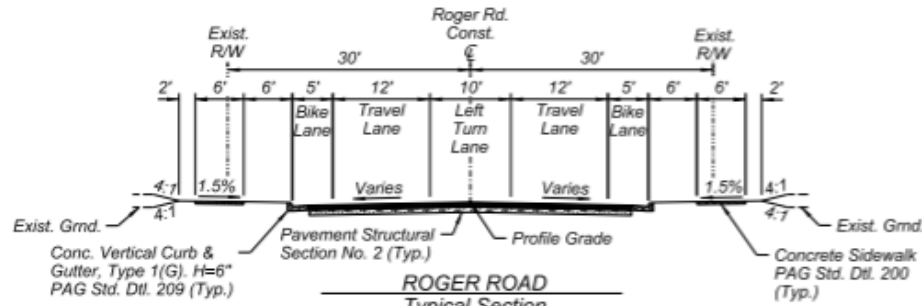
SHEET 4 OF 6

Record Document
Date: 06/01/2024



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Preliminary
Not For
Construction

DEPARTMENT OF TRANSPORTATION AND MOBILITY/ENGINEERING DIVISION					7
1ST AVENUE, GRANT ROAD TO RIVER ROAD - ROADWAY IMPROVEMENTS					504
CITY OF TUCSON	DESIGNED BY [Signature]	DRAWN BY [Signature]	CHECKED BY [Signature]	SCALE AS SHOWN	PLAN NO. R-2024-XXX



[No Title]

TYPICAL SECTIONS

SHEET 5 OF 6

Record Document
Date: 06/10/2024



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DESIGN CONCEPT
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Not For
Construction

DEPARTMENT OF TRANSPORTATION AND MOBILITY/ENGINEERING DIVISION				8
1ST AVENUE, GRANT ROAD TO RIVER ROAD - ROADWAY IMPROVEMENTS				504
CITY OF TUCSON	DESIGNED BY [Signature]	CHECKED BY [Signature]	DATE [Date]	PLAN NO. R-2024-XXX

