



MINUTES

Pursuant to A.R.S. § 38-431.02, notice is hereby given to the members of the Mayor and Council Tucson Transit Advisory Committee and to the general public that the Committee will hold the following meeting which will be open to the public on:

Monday, August 5th, 2024 at 3:00 PM
2nd Floor Conference Room, Transit Services Building
149 N Stone Avenue, Tucson, Arizona

1. Call to Order/Roll Call – 5 minutes

Those present were:

Members

Riley Merline, Ward 1
Suzanne Schafer, Ward 3
Mike Sanchez, Ward 4
Gene Caywood, City Manager
Nicole Feld, City Manager

Others

Allen Benz, Public
Richard Meyer, Public
Mikel Oglesby, Sun Tran
Shamara Smith, Sun Tran
Mackenzi Wintermoyer, Sun Tran
Davita Mueller, Sun Tran
Rhett Crowninshield, City of Tucson
Ian Sansom, City of Tucson
Monica Landgrave-Serrano, City of Tucson

Those absent were:

Members

Lisa Shipek, Ward 2
Angie Quiroz, Ward 5
Margot Garcia, Ward 6
Mike Milczarek, City Manager

2. Approval of Minutes – (Vote) – 5 minutes

The approval of minutes was moved, duly seconded, and, hearing no objections, Chair Suzanne approved the motion.

3. Call to the Audience (First) – 5 minutes

4. TTAC Member Check-In with Appointees (Informational) – 5 minutes

Gene Caywood said that Judy, a Sun Tran employee, is retiring after 51 years working on transit. Old Pueblo Trolley was invited to attend and they will bring the bus that was in circulation when she first started working.

5. Complete Streets Coordinating Council Update – 5 minutes

Riley Merline said the CSCC voted for a trial to pre-approve projects with small-dollar amounts for 6 months, in order to allow for more discussion in larger projects. He also spoke of the greater amount of traffic accidents and how there has been no safety progress despite the work in this area. As a result, the CSCC created a subcommittee to address this.

Also, Gene moved the TTAC reappoint Riley to the CSCC, Nicole seconded, and, hearing no objections, Chair Suzanne approved the motion.

6. Bus Stop Summary – 15 minutes
Mackenzi Wintermoyer

Overview of Sun Tran System

41 Bus Routes

- 29 local fixed routes
- 12 express routes

2 On-Demand Zones

1 Streetcar



Average Miles Between Bus Stops

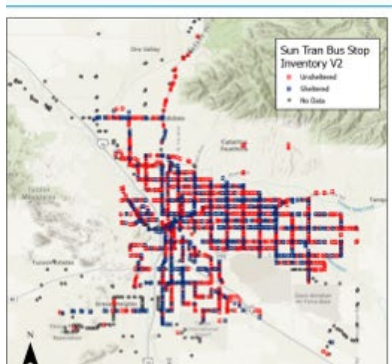
Sun Tran upholds a standard bus stop spacing of approximately 1/4 mile (0.250 miles, 1320 feet) between all bus stops as described in the *City of Tucson Department of Transportation and Mobility Street Design Guide of 2021*.

| Route # | Distance | Route # | Distance | Route # | Distance | Route # | Distance |
|---------|----------|---------|----------|---------|----------|---------|----------|
| 1 | 0.247 | 9 | 0.280 | 19 | 0.273 | 29 ** | 0.318 |
| 2 | 0.281 | 10 | 0.250 | 21 | 0.216 | 34 | 0.249 |
| 3 | 0.261 | 11 | 0.293 | 22 | 0.296 | 37 | 0.275 |
| 4 | 0.246 | 12 | 0.247 | 23 | 0.279 | 50 | 0.259 |
| 5 | 0.255 | 15 | 0.351 | 24 ** | 0.348 | 61 | 0.308 |
| 6 | 0.265 | 16 | 0.248 | 25 | 0.286 | | |
| 7 * | 0.301 | 17 | 0.254 | 26 ** | 0.290 | | |
| 8 | 0.263 | 18 | 0.235 | 27 ** | 0.400 | | |

* Excludes the Aviation Highway and I-10 portions of routes that do not have bus stops.

** Routes with portions through rural areas will have a larger average distance between bus stops as there are fewer destinations in those areas.

City of Tucson: Sheltered Bus Stops



1,691 Bus Stops

896 Shelters

53%
of COT stops are sheltered!

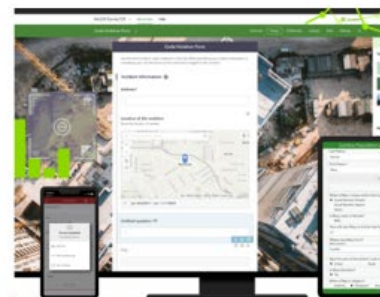
Data Collection: ESRI ArcGIS Survey123

Version 1 included..

general information and ADA compliance

Version 2 includes...

- Overall State of Repair
- Vegetation Presence
- Amenity Presence and Type
- COT Asset Identification Numbers



Who Takes Care of Sun Tran Bus Stops?

Sun Tran Bus Stop Cleaning Crew

Minor Repairs and Cleaning

City of Tucson Department of Transportation and Mobility (COT DTM)

Major Repairs and ROW Maintenance

Sun Tran Facilities Department

Transit Center Maintenance and Cleaning

Lamar Transit Advertising

Plexiglass Maintenance and Advertisement Copy

What Bus Stops Receive Amenities?

1. Funding

Is funding available?



2. What is Possible?

Is there enough Public Right-of-Way?

What is the existing infrastructure?



What Bus Stops Receive Amenities?

3. Ridership

How many people are boarding at that bus stop each day?



4. Location

Is this bus stop a major transfer point, minor transfer point, within an equity priority census tract, or nearby a key public service destination?



Heat Resiliency at Bus Stops

Case Study Findings

More Vegetation



Cooler Temperatures



Tucson Resilient Pilot Project Stops

| Bus Stop Name | Bus Stop ID | Ward |
|------------------------------------|-------------|------|
| Silverbell/St. Mary's (NE) | 12586 | 1 |
| Broadway/Old Spanish Trail (SE) | 14545 | 2 |
| Prince/Fairview (SE) | 13931 | 3 |
| Swan/24 th St (NE) | 12603 | 4 |
| 26 th St/Kino Pkwy (NW) | 14975 | 5 |
| Alvermon/22 nd St (NE) | 139 | 6 |

FTA Bus and Bus Facilities Grant

\$11,385,500 earmarked to...



- Install 2 New Bus Maintenance Lifts
- Install 2,200 New Accessible Bus Stop Signs
- Enhance 80 Bus Stops:

- New Shelters
- Native Vegetation
- Green Stormwater Infrastructure
- Solar Compacting Touchless Trash Receptacles
- Emergency Call Buttons



Bus Stop Prioritization Scores

| Criterion | Increase Factor |
|------------------------------------|-----------------|
| FY24 Boardings | Base |
| Major Transfer Point | 50% |
| Minor Transfer Point | 25% |
| Disadvantaged by CE-JEST | 5% |
| Disadvantaged by USDOT ETC | 5% |
| Disadvantaged by COT Equity Index | 5% |
| Disadvantaged by Tree Equity Index | 5% |
| Minority Route Designation | 5% |
| Key Public Service Destinations | 20% |

All COT wards will be represented in site selections.
Bus Stops may be eliminated due to ROW limitations.



Mackenzi Wintermoyer
Sun Tran Bus Stop Coordinator
Mackenzi.Wintermoyer@tucsonaz.gov



7. Sun Tran Performance Metrics – 15 minutes Shamara Smith

Performance Indicators

February BID vs May BID

February BID: February 25 to May 11, 2024
May BID: May 12 to Aug 17, 2024*

* Data as of 07/30/24

Agenda

Evaluation of the:

- Avg. Daily Ridership
- Passenger per Hour
- Passenger per Mile

Views:

1. Route Length
2. FTN vs Non-FTN

Fixed Route Length

Shorter Routes: Less than 7 Miles

- ❖ Route 6
- ❖ Route 12
- ❖ Route 18
- ❖ Route 19
- ❖ Route 21
- ❖ Route 22
- ❖ Route 50

Medium Routes: Between 7 and 13 miles

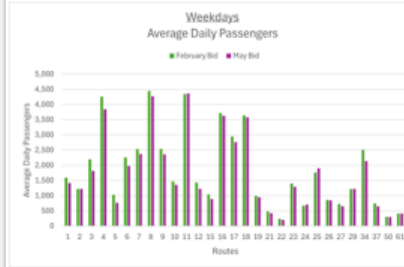
- ❖ Route 1
- ❖ Route 5
- ❖ Route 8
- ❖ Route 10
- ❖ Route 15
- ❖ Route 23
- ❖ Route 24

Longer Routes: Greater than 13 miles

- ❖ Route 2
- ❖ Route 3
- ❖ Route 4
- ❖ Route 7
- ❖ Route 9
- ❖ Route 11
- ❖ Route 16
- ❖ Route 17
- ❖ Route 34

Weekdays – Avg. Daily Ridership

February BID vs May BID 2024

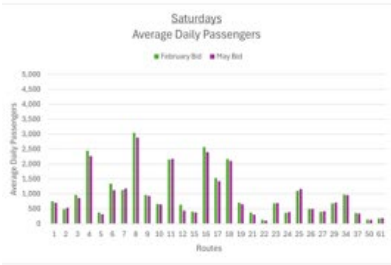


Holistic View



Saturdays – Avg. Daily Ridership

February BID vs May BID 2024

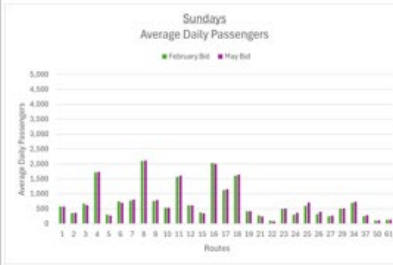


Holistic View



Sundays – Avg. Daily Ridership

February BID vs May BID 2024



Holistic View



Weekdays – Passenger per Hour and per Mile

February BID vs May BID 2024



Holistic View



Saturdays – Passenger per Hour and per Mile

February BID vs May BID 2024



Holistic View



Sundays – Passenger per Hour and per Mile

February BID vs May BID 2024



Holistic View



Express Route Length

Shorter Routes: Less than 15 Miles

- ❖ Express 101X
- ❖ Express 105X
- ❖ Express 108X
- ❖ Express 109X

Medium Routes: Between 15 and 20 miles

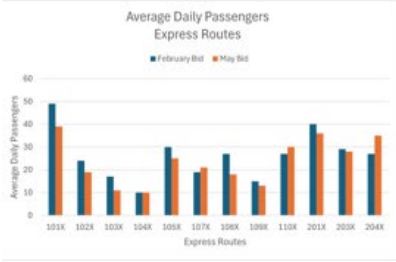
- ❖ Express 103X
- ❖ Express 104X
- ❖ Express 107X
- ❖ Express 110X

Longer Routes: Greater than 20 miles

- ❖ Express 102X
- ❖ Express 201X
- ❖ Express 203X
- ❖ Express 204X

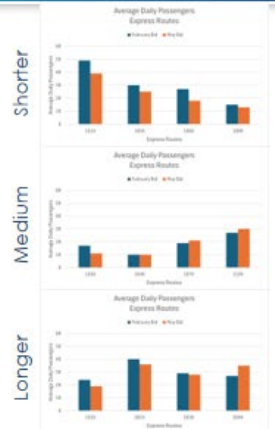
Express Routes – Avg. Daily Ridership

February BID vs May BID 2024



Holistic View

*May BID is incomplete, ends Aug 17, 2024



Express Routes – Passenger per Trip and per Mile

February BID vs May BID 2024



Holistic View



Shorter Routes: Less than 7 Miles

- ❖ Route 6
- ❖ Route 12
- ❖ Route 18
- ❖ Route 19
- ❖ Route 21
- ❖ Route 22
- ❖ Route 50

Medium Routes: Between 7 and 13 miles

- ❖ Route 1
- ❖ Route 5
- ❖ Route 8
- ❖ Route 10
- ❖ Route 15
- ❖ Route 23
- ❖ Route 24
- ❖ Route 25
- ❖ Route 26
- ❖ Route 27
- ❖ Route 29
- ❖ Route 37
- ❖ Route 61

Longer Routes: Greater than 13 miles

- ❖ Route 2
- ❖ Route 3
- ❖ Route 4
- ❖ Route 7
- ❖ Route 9
- ❖ Route 11
- ❖ Route 16
- ❖ Route 17
- ❖ Route 34

View 2: FTN vs Non-FTN

FTN vs Non FTN Routes – Average Daily Ridership

February BID vs May BID 2024

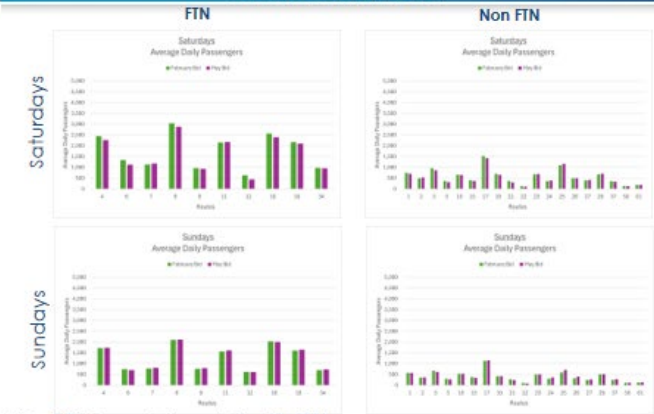


Weekdays

*May BID is incomplete, ends Aug 17, 2024

FTN vs Non FTN Routes – Average Daily Ridership

February BID vs May BID 2024



*May BID is incomplete, ends Aug 17, 2024

FTN vs Non FTN Routes – Pass/Hour & Pass/Mile

February BID vs May BID 2024



Weekdays

*May BID is incomplete, ends Aug 17, 2024

FTN vs Non FTN Routes – Pass/Hour & Pass/Mile

February BID vs May BID 2024



*May BID is incomplete, ends Aug 17, 2024

8. Sun Van COA Update – 15 minutes
Ian Sansom

Ian Sansom said the goal of the Sun Van COA is to identify potential improvements for a more accessible and efficient service. To obtain public input there were six in-person public meetings, two virtual meetings, and a survey to complete. Currently, the draft recommendations are being prepared. There will be a second round of outreach in October, the dates have not yet been confirmed.

9. Discussion and Vote on Invitation Letter to Mayor Romero to a future meeting– 15 minutes

Suzanne explained that it is necessary to define the role of the TTAC now that it has been upgraded from a task force to a standing advisory committee. Originally, Margot was going to draft a letter to the Mayor's Office, and there was talk regarding sending it to leadership vs staff. For now, the letter has been put aside. Instead, it was decided that Suzanne will reach out to Genesis Cubillas, Senior Policy Advisory with the Mayor's Office, to see how the TTAC and the Mayor's Office can collaborate and move forward.

10. Call to the Audience (Second) – 5 minutes

Richard Mayer said that on 4th and University, the Sun Link will not stop if you push the pedestrian button, the Sun Link will keep going.

Allen Benz mentioned the City of South Tucson has a different political process than the City of Tucson. The Council of South Tucson selects the Mayor, which means there may soon be a new member in the RTA Board.

11. Possible Future Agenda Items – 5 minutes

| Recently proposed items: | Ongoing items: | Past proposed items: |
|--------------------------|------------------------------|---|
| -Sun Link Presentation | -Sun Tran COA Update | -Climate Action Plan in relation to transit with Manisha Bewtra |
| -Budget Summary | -Sun Van COA Update | -Drexel Bridge Project Update |
| | -Tucson Rapid Transit Update | -Capital Project at the Ronstadt TC |
| | -Tucson Norte-Sur Update | -22nd St Bridge Project Update |
| | -Transit Fares Update | |
| | -Performance Metrics | |

12. Adjournment

For further information, contact: Monica Landgrave-Serrano, (520)-780-0635, monica.landgrave@tucsonaz.gov
Persons with a disability may request reasonable accommodation, such as a sign language interpreter, by contacting the Transit Services Division at 520 791-509. Requests should be made as early as possible to allow time to arrange the accommodation.