



**AMENDED**

**SCOTTSDALE TRANSPORTATION COMMISSION  
Notice and Agenda**

**Date: Thursday, May 18, 2023**

**Time: 5:15 P.M.**

**Location: Kiva – City Hall**

**3939 N. Drinkwater Boulevard**

**Scottsdale, AZ 85251**

**\*AGENDA ITEM #3 ADDED\***

**Call to Order**

**Roll Call**

Don Anderson, Vice-Chair	Mary Ann Miller, Commissioner
Pamela Iacovo, Chair	Kerry Wilcoxon, Commissioner
Karen Kowal, Commissioner	Emmie Cardella, Commissioner
B. Kent Lall, Commissioner	

**One or more members of the Transportation Commission may be attending the meeting by telephone, video, or internet conferencing, pursuant to A.R.S. §38-431(4)**

**Public Comment**


Spoken comment is being accepted on both agendized and non-agendized items. Request to speak forms must be submitted to staff in-person before the start of the meeting.

Written comment is being accepted for both agendized and non-agendized items and should be submitted electronically at least 90 minutes before the meeting. These comments will be emailed to the Transportation Commission and posted online prior to the meeting. To submit a written public comment electronically, please [click here](#).

- 1. [Approval of Meeting Minutes](#)----- Discussion and Action**  
Regular Meeting of the Transportation Commission – April 20, 2023
- 2. [Transit System Update](#)----- Information**  
Update on the primary items associated with the transit and paratransit systems post Covid era – Ratna Korepella, Transit Manager, Brendan Wagner, Transit Operations Coordinator, Daniel Alire, Transportation Representative and Joan Freeman, Transportation Representative

3. Commission Identification of Future Agenda Items----- Discussion  
Commission members to identify items or topics of interest to staff for future Commission presentations

### Adjournment

 Persons with a disability may request a reasonable accommodation by contacting Kyle Lofgren at 480-312-7637. Requests should be made 24 hours in advance, or as early as possible, to allow time to arrange the accommodation. For TYY users, the Arizona Relay Service (1-800-367-8939) may also contact Kyle Lofgren at 480-312-7637.



## **SUMMARIZED MEETING MINUTES - DRAFT**

### **CITY OF SCOTTSDALE TRANSPORTATION COMMISSION REGULAR MEETING**

**Thursday, April 20, 2023  
Kiva-City Hall  
3939 N. Drinkwater Boulevard  
Scottsdale, Arizona 85251**

#### **CALL TO ORDER**

Chair Iacovo called the regular meeting of the Scottsdale Transportation Commission to order at 5:18 p.m.

#### **ROLL CALL**

**PRESENT:** Pamela Iacovo, Chair  
Don Anderson, Vice Chair  
Emmie Cardella  
Karen Kowal  
B. Kent Lall  
Mary Ann Miller  
Kerry Wilcoxon

**STAFF:** Mark Melnychenko, Transportation & Streets Director  
Susan Conklu, Senior Transportation Planner  
Nathan Domme, Transportation Planning Manager  
Cristina Lenko, Public Information Officer  
Phil Kercher, Traffic Engineering Manager  
Kyle Lofgren, Office Manager

#### **PUBLIC COMMENT**

Heather Phillips, a resident at 68th and Osborn Road suggested upcycling the asphalt to be reutilized within areas of Scottsdale. This idea came from a presentation from the Scottsdale Aviation Park where they recycled their asphalt from the taxi runways and used it to pave the WestWorld parking lot. She noted that the use of outdated pre-COVID data can lead to misleading conclusions. When the rental prices doubled residents sought alternative housing, such as shared housing. This would mean that one house could have up to six vehicles, which

impacted Old Town and southern Scottsdale and needs to be considered when doing traffic counts. More logic needs to be applied to situations and less statistics.

## **1. APPROVAL OF MINUTES**

Commissioner Miller noted on page 5, section 3, paragraph three, second sentence, last word should be "successor" instead of "predecessor."

VICE-CHAIR ANDERSON MOVED TO APPROVE THE REGULAR MEETING MINUTES OF THE TRANSPORTATION COMMISSION ON FEBRUARY 16, 2023, AS AMENDED. COMMISSIONER WILCOXON SECONDED THE MOTION, WHICH CARRIED 6-0 WITH CHAIR IACOVO, VICE CHAIR ANDERSON AND COMMISSIONERS CARDELLA, KOWAL, MILLER, AND WILCOXON VOTING IN THE AFFIRMATIVE WITH NO DISSENTING VOTES. COMMISSIONER LALL ABSTAINED.

## **2. THOMAS ROAD COMPLETE STREET 56<sup>TH</sup> ST TO 73<sup>RD</sup> ST PROJECT INFORMATION**

### **Public Speakers:**

- ▶ Deborah Gregor, a resident of North 69th Street, inquired if there was any consideration to moving the power lines to be underground on the south side of Thomas Road between 68th Street and Scottsdale Road as the poles sit on the road, are an eyesore, and collision hazard.
- ▶ Lee Karftheil, a resident of East Thomas Road, stated he was excited about the changes and the complete bike path. A concern raised were the light poles that sit on the sidewalk at 68th Street and Thomas Road and make it hard to navigate. Between 68th Street and 64th Street there is no access to cross the street; he hopes this project would include such access. He is in favor of anything that reduces car speed and allows room for people as opposed to cars.
- ▶ Alex McLaren, a resident of East Osborn Road, stated he is in support of the project which has been on the books and discussed by the City for many years. This project will provide more flexibility for bicyclists and pedestrians. He inquired if the project would affect the carrying capacity as the roadway was reclassified to a minor arterial as part of the 2022 TAP.
- ▶ Austin Fairbanks, a resident at North 61st Place and a lifelong resident of Scottsdale was dismayed with the project, which led him to do more research. His concerns relate to the reduction of an eastbound lane based on congestion, growing population, road safety, and proposed transition of vehicle to bicycle lane. As part of his research, he learned the average vehicle traffic volume in 2020 for Thomas Road, 52nd Street to Scottsdale Road was an average of 24,000 vehicles per day. The reduction would add 2,000 additional vehicles per day per lane and capacity soon be met. MAG predicts Scottsdale's population will be approximately 300,000 by 2040, which is a significant increase. More roads will be needed. Approximately 75% of the Scottsdale working population chose to use vehicular transportation to get to work compared to the .8% who rode their bike to work. Studies show four-lane roadways have more collisions per million miles drive than a five-lane roadway.
- ▶ Heather Phillips, a resident of 68th Street and Osborn, stated she is concerned with the use of pre-COVID studies and the housing and building project explosion that will increase traffic. She expressed concern with drivers who use the right lane and cut off people in the straight lane, the congestion at traffic lights that cause some drivers to get angry, and the potential increase for accidents. She suggested that bicyclists be held to standards like that of a vehicular driver and have their bikes registered and inspected, to carry liability insurance, and be ticketed if they are outside of the bike lane.

Mark Melnychenko, Transportation and Streets Director, presented the project information. This project was initiated in 2007, and due to the length of the various stages this presentation is for the new commission members and others who were not part of the initiation. Extended public outreach is underway regarding where they are with Thomas Road

The commonalities within the documents that lead our efforts, such as the 2008 Transportation Master Plan, which was updated in 2016, the 2022 Transportation Action Plan, and the design standards for City projects are: Complete streets, multi-modal transportation, accommodation for all users, refinement and maintenance of existing infrastructure, livable and safe streets for all users. Projects like Thomas Road where lanes are being reduced, improving and filling in gaps, and creating a full transportation network for all modes of transportation are not new.

Thomas Road will be a successful project that uses the existing right of way to add another mode of transportation and fill in a gap in the network. This will provide a consistent roadway from Pima to the Phoenix border at 56<sup>th</sup> Street The Thomas Road corridor was reclassified in 2016 to a minor arterial roadway with a 2-1-2 configuration, being a center turn lane with two travel lanes in either direction with bike lanes that address the needs of all users. This is all part of the guiding documents.

These decisions of the planning and engineering staff are based on data such as the biannual collision and volume report, which is key to how the project moves forward. Additional data used is the pavement, bicycle counts near the canal, and the bicycle pedestrian collision report.

Nathan Domme, Planning Manager, continued the presentation for the Thomas Road project. Travel demand for most corridors in the City has not grown significantly over the past 20 years, even with continued development. The graph goes back to 1998 and shows the traffic volumes decreasing, which started when the freeway system was completed. Current volumes are within the proposed project capacity and the road will maintain the current and future traffic volume. Pedestrian counts from 2020 taken at four different locations and during four different weeks, showed considerable usage from pedestrians and bicyclists. For comparison purposes counts will be retaken for the same time and location post project.

The goal is to provide network connections for direct links to the multi-use path system, fill in bike lane gaps, create consistency of east-west arterial roadway, and provide upgrades for multiple users. Phoenix has a proposed project that would offer the same improvements to 48th Street for an additional connection to a multi-use path.

As part of the approved and adopted 2016 TAP, Thomas Road was fully reclassified as a minor arterial way with bike lanes from Pima to the Phoenix border. Thomas Road follows direction in the Standards Design Manual and standard configuration. The curbs will stay the same with the addition of paint and striping. For comparison purposes, the 2020 special project at 60th Street and Goldwater Boulevard was reclassified to a minor arterial with six lanes reduced to four to create roadway consistency with added buffered bike lanes, and it still functions appropriately.

Important improvements, active transportation upgrades, and safety improvements for auto use included in this project are additional space for dedicated right-turn lanes that allow for free-flowing abilities for through lanes. Federal requirements for ADA accessibility are met by replacing the outdated ramps. Coordinating with SRP to underground wires, installation of new traffic signals at every intersection to bring it them to modern standards, and pavement treatment for the entire corridor. Most importantly, the lanes will not be shared with bicyclists.

The minor arterial standard fills in the bike lane and gives a six-foot buffer that provides more comfort to pedestrians, which can also serve to mitigate speeding.

The project timeline and approvals:

- 2007 Project initiated for all of Thomas Road.
- 2018 Approval for Federal Funding
- 2019 Adopted by City Council for CIP budget and remained there
- 2022 TAP adopted but did not include this project
- 2022 Public open houses and outreach
  - April 17, 2023, Open house where residents came to gather information and provide comments. These are still being pulled together and will be provided upon completion.
  - April 10 - 12, 2023, Staff canvassed businesses door to door providing information and getting feedback on this project.
  - December 5, 2022, Initial open house
  - Between 2019 - 2022, Extensive mailing went out, several neighborhood meetings were held
- 2023 Design was completed
- 2024 Construction begins

Commissioners were given an opportunity to ask questions. Mr. Domme stated the project will last seven to eight months with intermittent construction. The primary improvements are striping and pavement. Phoenix is ready to go, but waiting for Scottsdale to complete their work first. The numbers shown are for 2021 as no counts were taken during COVID. Numbers were revised in 2022. Staff coordinates with MAG and looks at their growth projections in tandem with the City's real counts. The information shows the traffic volume will stay under the post project capacity.

Mr. Melynchenko noted the trend of usage is pulled from the Volume and Collision Report. Volume trends over the past 20 years are static in spite of growth and development. Staff works with the Planning Department on planned units either active, under construction, or planned. Mr. Domme clarified that the bicyclist and pedestrian count data from 2020 are the total number of each category over a six-hour period. The power lines are only going underground at the intersection of 68th Street and Thomas Road

Staff acknowledged that the pedestrian and bicyclist counts were done during the two hottest months of the year. It may have been better to do them during other months. Mr. Melynchenko noted they try to do the counts during the most opportune times, but often the counts are reactive to the need and availability of staff and the counters. The trends during COVID showed more people were out walking and biking, which is counterbalanced by the yearly bicycle counts that show a dip in the summer.

Phil Kercher, Traffic Engineering Manager, advised the design for this project was done in-house. The length of the right-turn lanes is based on the space available and standard lengths. Mr. Domme confirmed the arterial network system was in place prior to the completion of the interstate which reduced the capacity on Thomas Road. The inclusion of the buffered bicycle and pedestrian lane is a known mitigation measure to slow down traffic. The current speed limit is 45 mph and will decrease to 40 mph. Mr. Melynchenko stated one of the culprits for speeding is excess or under capacity roadways. The removal of the telephone poles at the intersection of 68th Street and Thomas Road will increase sight distance.

Chair Iacovo commented on the change in normal traffic patterns. She commended staff for providing before and after metrics, which are very important to the Transportation Commission and the City in determining if the project was a success.

Commissioner Wilcoxon also commended staff on this project, noting it will provide a calming effect and make a difference in the quality of life for residents.

Chair Iacovo recognized the public speakers, stating their comments will be part of the public record during open houses, and the Commission will take them under advisement.

### **3. THOMAS ROAD COMPLETE STREET 56TH STREET TO 73RD STREET PROJECT ACQUISITION**

Nathan Domme, Planning Manager, reviewed the property acquisitions as part of the Thomas Road project.

No new rights of way are being acquired for this project, but several public access easements are necessary of key locations to upgrade ramps to be ADA compliant, traffic light signal poles, and new streetlights. Temporary Construction Easements (TCE) will be necessary for the contractor to have sufficient room to do their work. These expire when construction is complete.

The locations for public access easements and TCEs:

- NW corner of Thomas Road and 60th Street for a new ADA ramp and traffic signal pole.
- Thomas Road and 61st Place south side for two new ADA ramps and moving existing traffic signal poles and TCE.
- Thomas Road west of 68th Street south side for two new streetlights.
- Thomas Road east of 68th Street north side for TCE.
- Thomas Road and 68th Street south side for two new ADA ramps, bring existing driveways to ADA compliance, and TCE.
- Thomas Road and 68th Street south side for two new ADA ramps, moving existing traffic signal poles, and TCE.
- Thomas Road and 70th Street south side for new ADA complaint sidewalk and TCE.
- Thomas Road east of Scottsdale Road north side for TCE.

The next steps are to request approval from the City Council in June and once approved staff will commence the process of finalizing acquisitions.

Commissioners were given an opportunity to ask questions. Mr. Melnychenko stated the measurements came from the CIP management team and staff will check with them to get an answer on the 55-foot right of way versus the 40-foot right of way. Mr. Domme stated the right of way would be sufficient to accommodate a turning lane. Mr. Kercher explained they did not collect new data and used the information they had.

Mr. Domme explained the process for reaching out to property owners to negotiate the easements that they would be compensated for. These are all new easements that are handled case by case. The approximate cost for all easements would be \$80,000. Mr. Melnychenko advised the land approvals are a requirement for the federal funding process.

COMMISSIONER WILCOXON MOVED TO RECOMMEND TO CITY COUNCIL THE ACQUISITION OF THE EASEMENTS ALONG THOMAS ROAD. COMMISSIONER KOWAL SECONDED THE MOTION, WHICH CARRIED 7-0 WITH CHAIR IACOVO, VICE CHAIR

ANDERSON COMMISSIONERS CARDELLA, KOWAL, LALL, MILLER, AND WILCOXON VOTING IN THE AFFIRMATIVE WITH NO DISSENTING VOTES.

#### **4. PROJECTS AND PROGRAMS UPDATE**

Mr. Melynchenko provided an update on the following projects and programs:

- ▶ The drainage corridors that flow from Scottsdale Ranch South to the Salt River Pima-Maricopa Indian Community. Staff with approval from environmental staff have removed vegetation, minor grading, and some work on erosion control.
- ▶ Light pole replacement has been completed south of Indian School Road and continues, with an annual budget of \$200,000.
- ▶ Scottsdale Road Jomax and Dixileta improvements, which is part of the ALCP Material Life Cycle Program Project, is currently 90% designed with construction to begin in 2024. Two major elements are a multi-lane roundabout at the intersection of Dynamite Road and Scottsdale Road and a high intensity activated crosswalk at Pinnacle Vista Drive.
- ▶ The 68th Street federally funded project will be starting this week and is an integral part in the Thomas Road project.
- ▶ The Osborn Road project will be completed and open to traffic this month.
- ▶ The Thunderbird Trail work as part of the trail system expansion, is completed between Hayden Road and 83rd Street and 76th Street and Via Dona Road
- ▶ On April 16th 75 participants and 11 ride leaders participated in the annual City Art Tours. This event will benefit the application for the Bike Friendly Community award in August.
- ▶ April 27th is bike to work day.
- ▶ The annual Spring Training Trolley route was a success with over 1,000 riders. Staff is looking into other transit options that can be done downtown.
- ▶ April 22nd at North Corp Yard will be a celebration for Earth Day and outreach to possibly hire new drivers.

#### **5. COMMISSION IDENTIFICATION OF FUTURE AGENDA ITEMS**

Chair Iacovo noted they have several meetings scheduled with robust agendas but if there was anything someone would like to add they should email staff. Mr. Melynchenko stated there will be a detailed session on transit during the meeting in May.

#### **6. ADJOURNMENT**

With no further business to discuss, being duly moved by Commissioner Wilcoxon and seconded by Vice Chair Anderson, the meeting adjourned at 6:35 p.m.

AYES: Chair Iacovo, Vice Chair Anderson, Commissioners Cardella, Kowal, Lall, Miller, and Wilcoxon. NAYS: None

SUBMITTED BY:  
eScribers, LLC

**\*Note: These are summary action meeting minutes only. A complete copy of the audio/video**



# SCOTTSDALE TRANSPORTATION COMMISSION REPORT



**To:** Transportation Commission  
**From:** Ratna Korepella, Transit Manager  
**Subject:** Transit Update  
**Meeting Date:** May 18, 2023

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**Action:** Information Only

**Purpose:** To provide an update on transit and paratransit programs

## **Background:**

The City of Scottsdale (COS) transit system is currently comprised of (9) nine fixed routes, (1) one express route and (3) three trolley routes. The city has intergovernmental agreements with the City of Phoenix and Valley Metro to operate fixed route service. Trolley is the brand name for the City of Scottsdale owned and operated service. The city owns the trolley fleet of 21 vehicles and maintenance is done in-house by the city Fleet Department.

Fixed route service charges a regional fare to ride, while the trolley is a fare free service. Fixed route service is currently funded with proposition 400 funds and the trolley is funded with city's 0.2% Scottsdale Transportation Sales Tax. The city also receives some preventative maintenance funds 5307(FTA) and Arizona Lottery Funds (ALF) to offset some trolley operating expenses.

The city is required to provide ADA paratransit service in a 3/4 mile buffer around existing transit routes. Currently, the city offers (3) three different programs to assist people with disabilities and seniors sixty-five (65) years of age and older. ADA paratransit service (Dial-a Ride) and Ride Choice programs are operated by Valley Metro through intergovernmental agreements for ADA certified riders. Both programs are currently funded with proposition 400 funds. The current prop 400 funding is set to expire in December 2025. At the regional level, work is underway for the prop 400 extension. City of Scottsdale provides Cab Connection, a taxi voucher program, to all residents of Scottsdale who are 65 years of age and older or who are ADA certified through Valley Metro. Cab Connection is funded by the city's 0.2% Scottsdale Transportation Sales Tax and administered in-house by City staff.

## **Trolley Operations**

The Transit Team monitors Trolley Operations using several tools and processes. The bus stop inventory for all transit routes within the city is maintained in GIS (Geographical Information System). Trolley buses are equipped with GPS (Global Positioning System) and APC's (Automated Passenger Counters). Clever Devices technology uses these systems to provide real time location of vehicles, On-Time Performance data, APC data, and communication capability with drivers.

The Transit Team also monitors Dunn safety and drug and alcohol compliance and fleet health. Automated procedures are in place to send daily reports to the Transit Team with fueling activity and vehicle availability.

### **Transit Stop Maintenance**

City has a contract with ServiceLink to provide regular transit stop cleaning. While servicing transit stops, the contractor makes notes of any shelters that need additional cleaning (graffiti) or maintenance. Cleaning frequency is increased to meet the demand during special events.

### **Special Events and Transit**

Following COVID-19 service resumption, the trolley has made appearances in Parada Del Sol, Earth Day, Walk-To-School, and the Bell94 Sports Complex opening. A special Spring Training route was operated for fans attending the 2023 Cactus League Giants games between February 26<sup>th</sup> and March 25<sup>th</sup>. The route and stops to the stadium interlined with parking garages, public parking lots, and restaurants in the Old Town area.

### **Transit Ridership Trends**

- **Local Trolley Ridership** - Based on the monthly trolley ridership trends from calendar years 2020 - 2022, one can observe that ridership continues to increase slowly since August 2021, however nowhere near pre-COVID levels.
- **Regional Fixed Route Ridership** - Based on the monthly fixed route ridership trends from calendar years 2020 - 2022, ridership is still recovering from the effects of COVID-19.
- **Paratransit Ridership** – The number of active participants in all three programs have shown a downward trend in participation in FY 20/21 and FY 21/22 compared to FY 19/20. We will continue to monitor ridership and consider ways to improve serving residents in this category.

### **NTD Reporting**

The Federal Transportation Administration (FTA) requires each agency to report transit data annually to add to the National Transportation Database (NTD). The NTD is a comprehensive database which includes financial data, vehicle inventory, ridership data and operational information. This is an important submittal to ensure continuity of federal funding.

### **Public Transportation Agency Safety Plan (PTASP)**

The original 2020 PTASP plan for the City was prepared by Arizona Department of Transportation (ADOT) and approved by City Council in November, 2020. New legislation in 2022 required the City to prepare its own plan, which included provisions for disease prevention, preventing assaults on drivers, improved safety training and the formation of a Safety Committee comprised of frontline and management staff. Safety and Risk Management has taken an active role in supporting Transit Team's efforts in implementing and monitoring the safety plan.

### **Transit Stop Improvements**

In FY21 – FY22, improvements were made to 39 transit stops. These improvements include complete shelter replacements, furniture replacements, painting, concrete expansion and old shelter removal.

Using the updated inventory of transit stops, ridership data and the city's Transportation Action Plan (TAP), the Transit Team will prioritize improvements to transit stops which will also include lighting, sign replacement and possibly a new shelter design to be used in areas of limited right-of-way.

### **Microtransit**

Microtransit is a mode of public transportation providing on-demand service anywhere that is designated as a stop or within a specific zone. It can help bridge the gap that traditional fixed-route bus services provide, to their actual destination or “last mile.” Microtransit vehicles can consist of passenger cars, minivans, wheelchair-accessible minivans, and/or minibuses. The Transit Team is researching the approaches that other local and national agencies are taking with Microtransit and will use those experiences to guide the city’s future Microtransit program.

### **Alternative Fuel Vehicles**

The City’s trolley fleet is comprised of hybrid-diesel and CNG (compressed natural gas) Gillig manufactured buses. As buses reach their useful life or miles, whichever comes sooner, the City must look at replacements for a safe, efficient and sustainable operation. Infrastructure and sufficient electricity supply for electric vehicles, battery range and life cycle are important elements to consider as we research alternative fuel vehicles. The Transit Team will monitor the experiences of other agencies with EV’s and determine the feasibility of EV’s for Scottsdale when more data is available.

### **Projects on the horizon include:**

- Modernize Cab Connection
- Trolley Marketing Plans
- Rider Surveys
- Micro-Transit
- Alternative Fuel Vehicles
- Shelter options for limited right-of-way
- Review of Mustang Route

### **Challenges:**

- Operator and Fleet staffing
  - Extended Weekday Service
  - Weekend Service
- Funding for Microtransit pilot
- Technology reliability (Clever devices)
- Unsheltered population
- Ridership
- On time performance and the impacts associated with downtown development, events season and roadway improvements.
- The future of Prop 400
- Movement of bus operations from the South Yard to the North Corp Yard (short term)

**Staff Contact:** Ratna Korepella, 480-312-7630

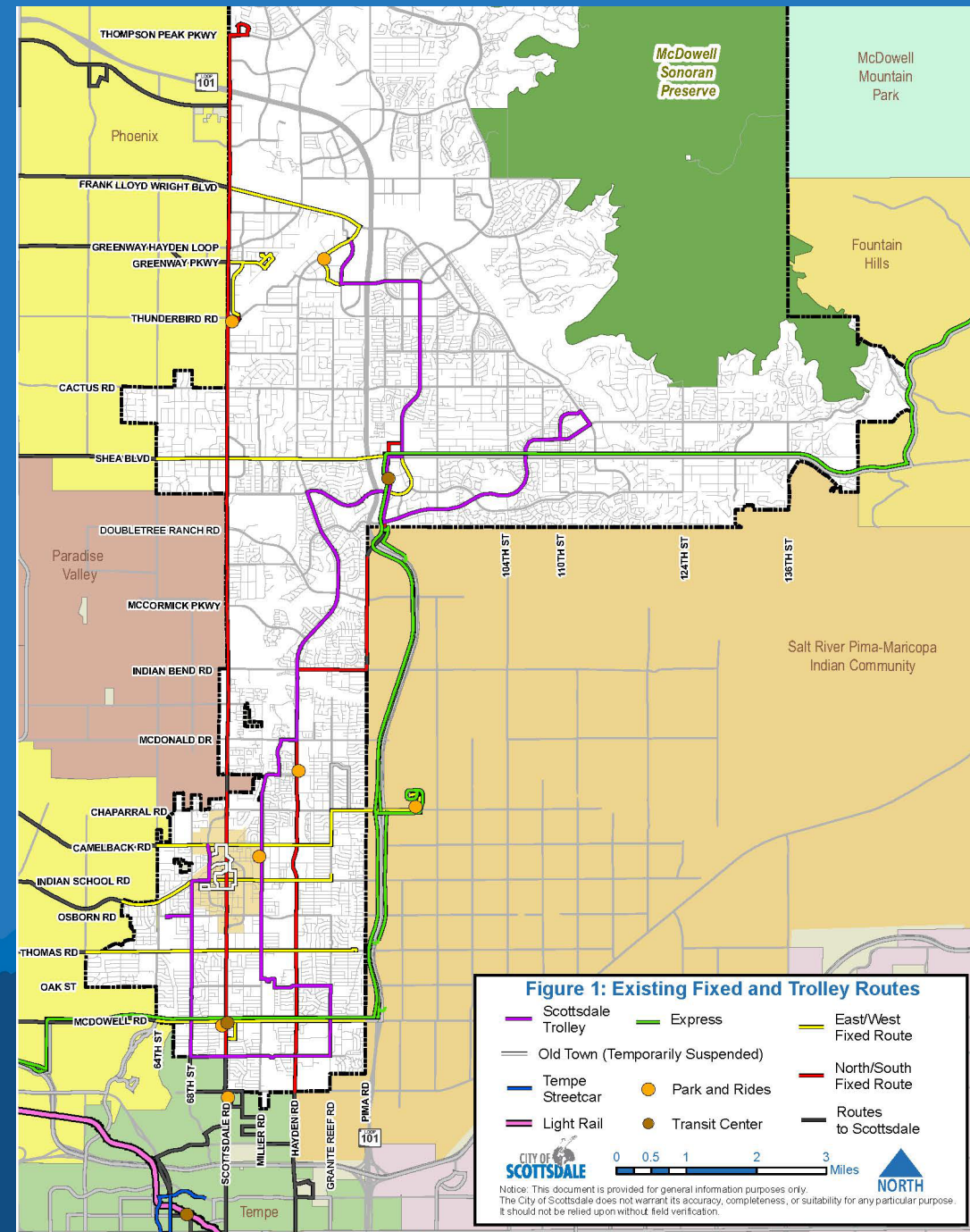


# *Transit Operations Update*

*May 18, 2023*

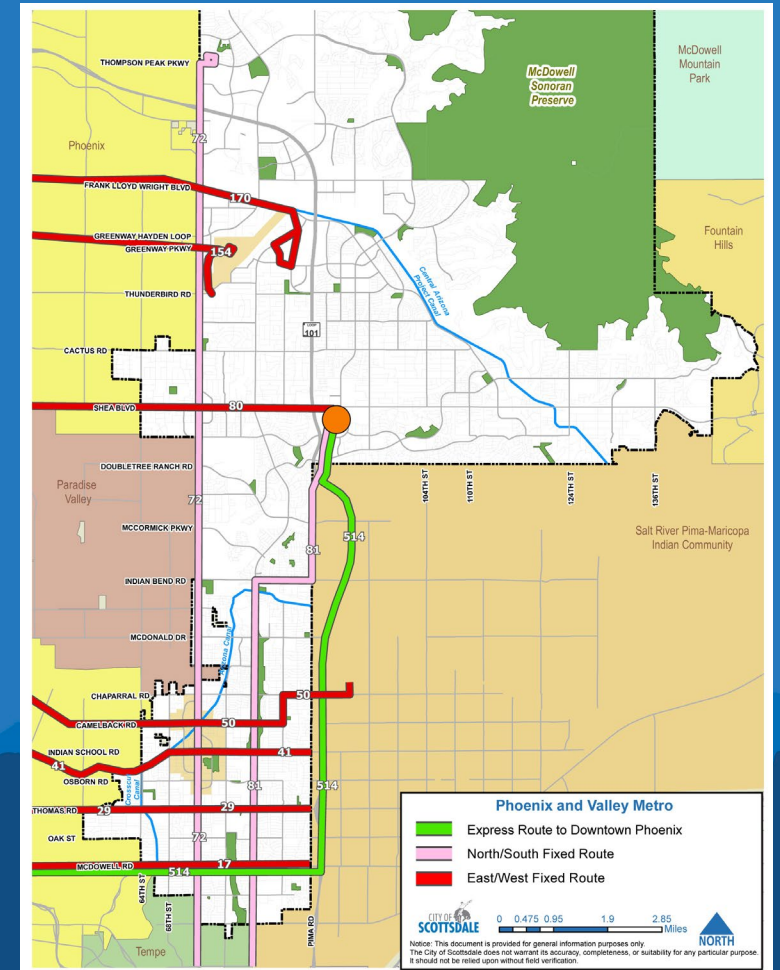
# Existing Transit System Service Characteristics

- Regional Fixed Route (9 routes)
- Express (1 route)
- Scottsdale Trolley (3 routes)
- Paratransit (ADA paratransit, RideChoice and Cab Connection)



# Fixed Route Services

- Weekdays - operates at a maximum of 30-minute frequencies

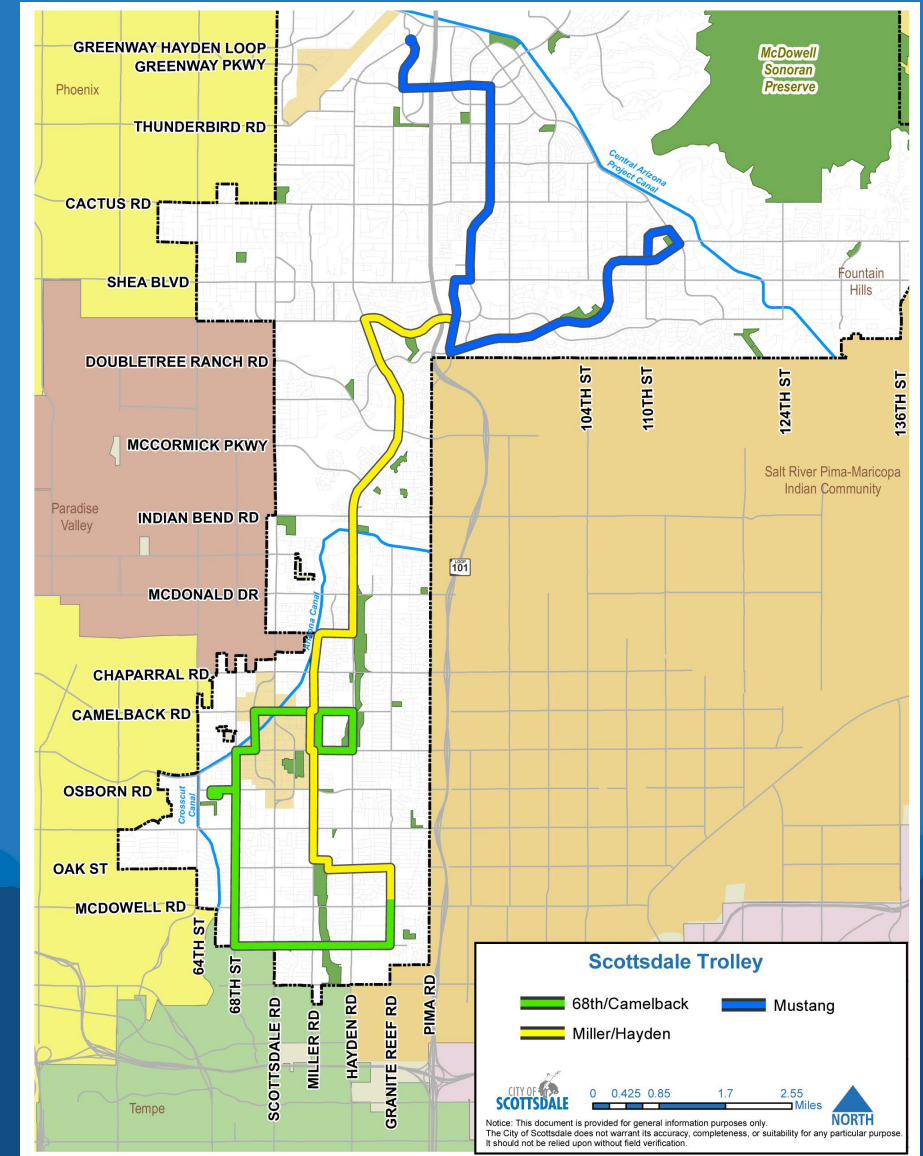




**SCOTTSDALE  
TROLLEY**

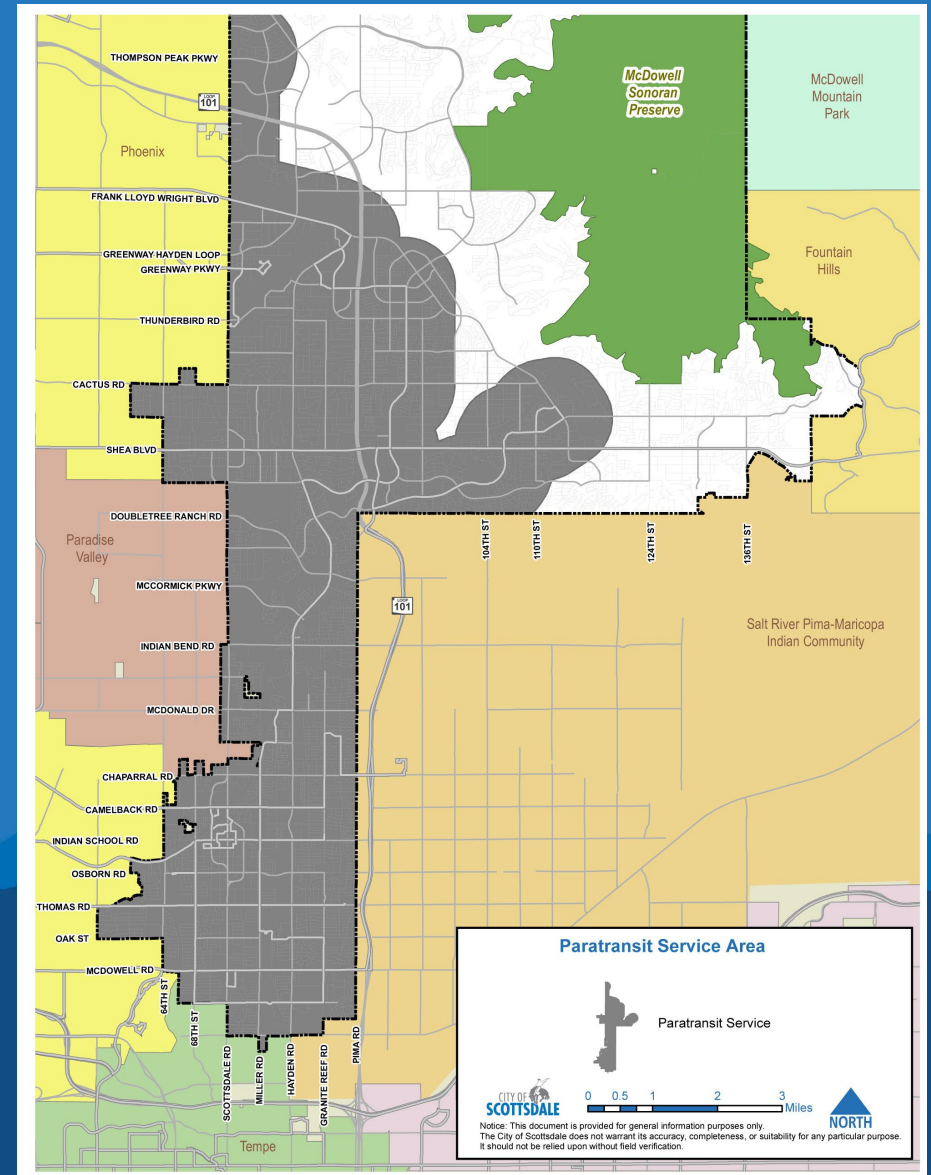
# Scottsdale Trolley

- Three Routes
- Operates at a 20-minute frequency



# ADA Paratransit Services

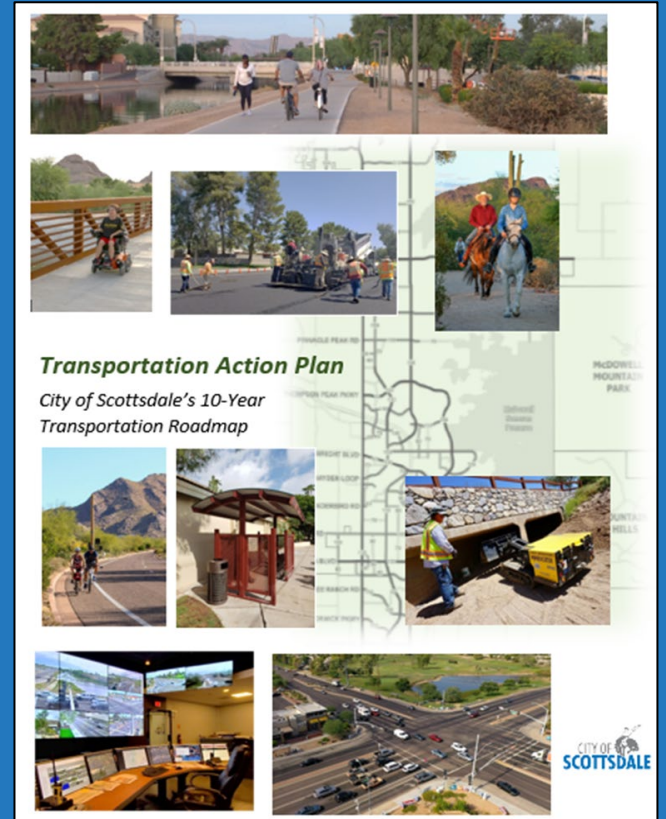
- Federally Mandated
- Route Changes Impacts the Paratransit Service Area
- Three Service Options





# Service Changes

- Service Change Process/Timing
- Review of Business Request for Service Change.
- Input from Residents.
- Ties to the TAP and Potential Route Modifications.
- Continual Change Due to Downtown Events/Redevelopment.



# Funding Sources



# Transit Operations

## *Paratransit Update*

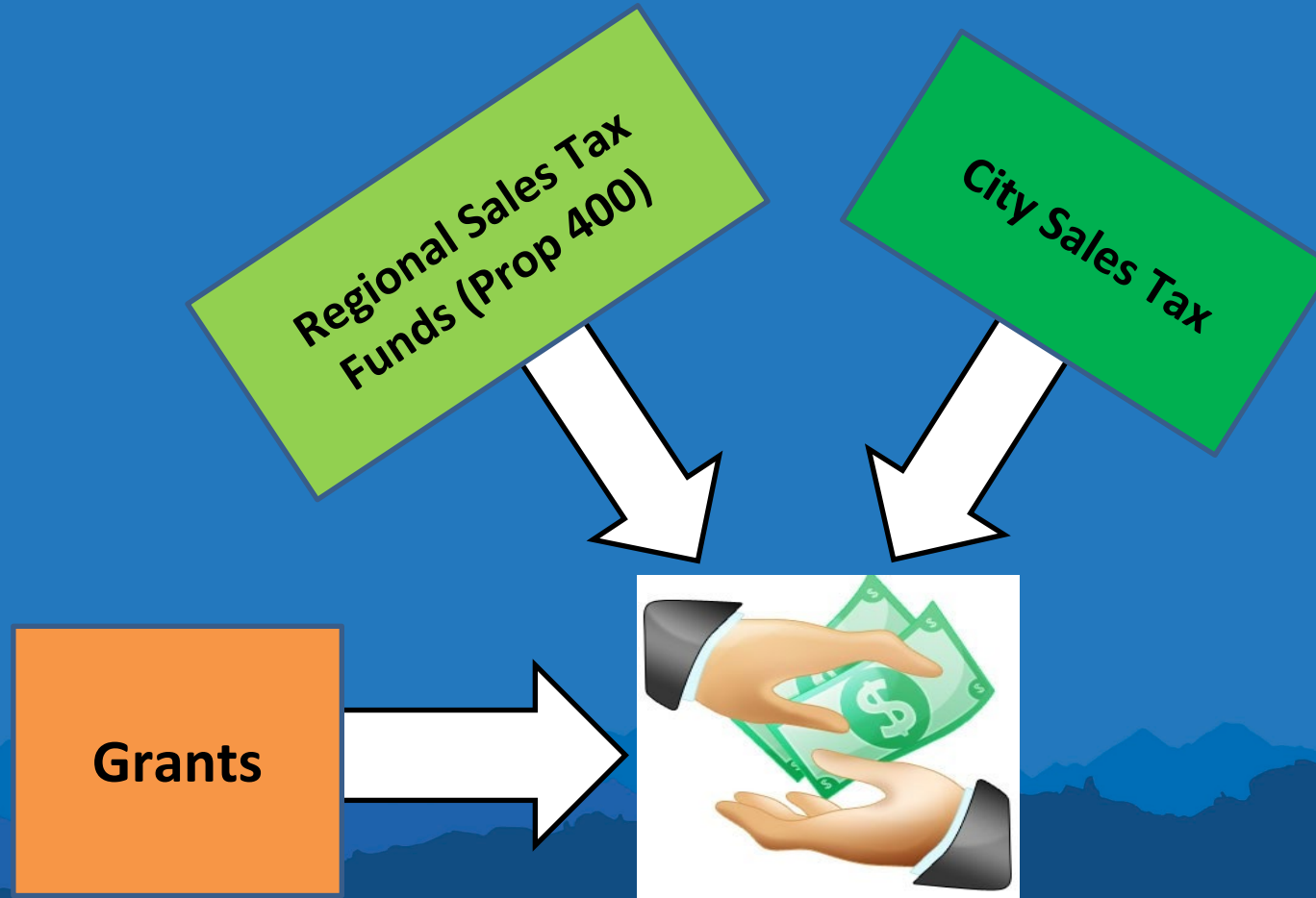
*Joan Freeman*

# Travel Options for City of Scottsdale Residents

- Valley Metro ADA Paratransit
  - East Valley Paratransit (aka East Valley Dial a Ride)
  - RideChoice
- City of Scottsdale Cab Connection

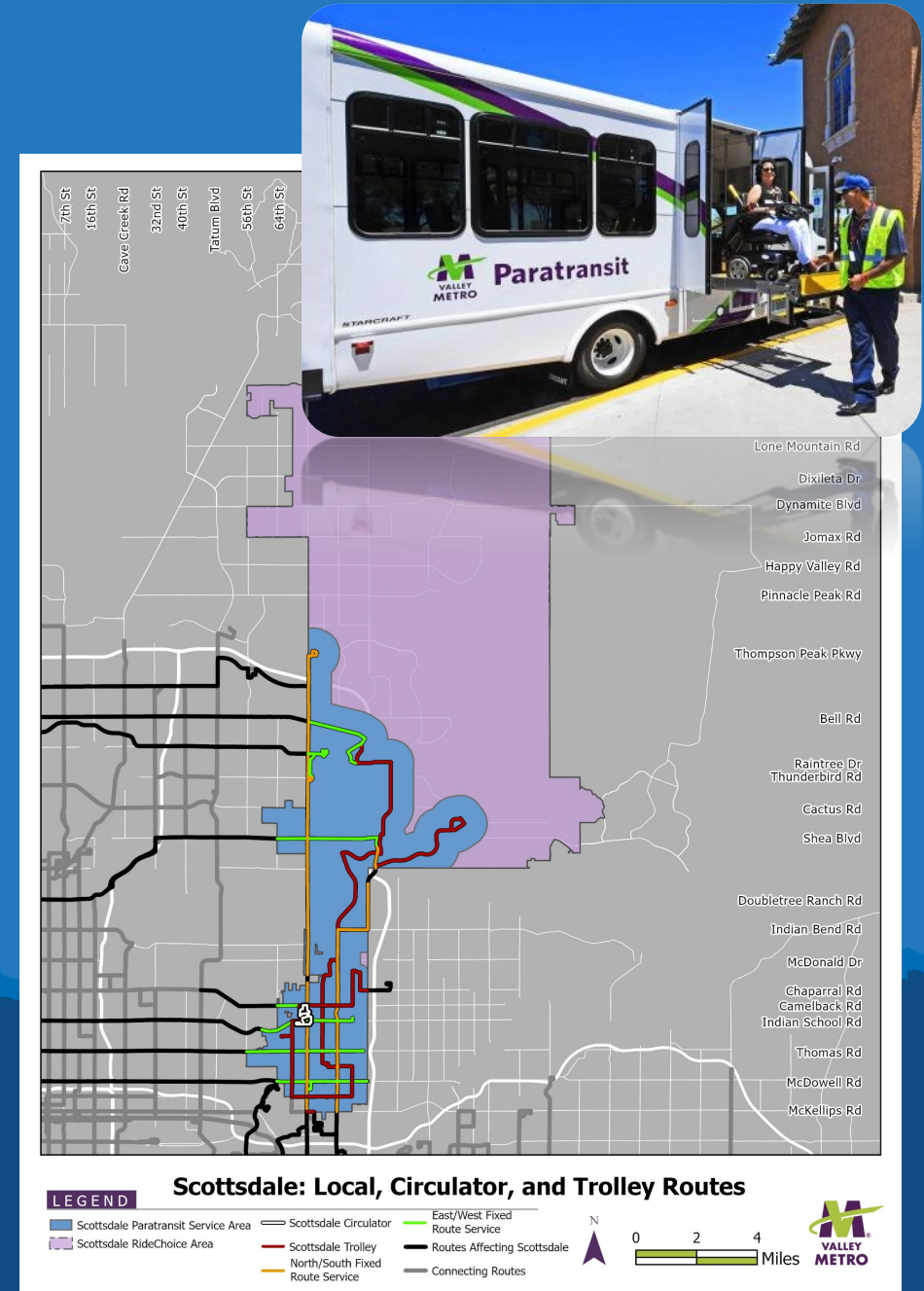


# Paratransit Funding Sources



# ADA Paratransit

- Shared door to door service, intended to comply with Americans with Disabilities Act of 1990.
- Federally mandated.
- Minimum mandated service area is within  $\frac{3}{4}$  mile of fixed transit route, inclusive of small areas fully surrounded by ADA service area.



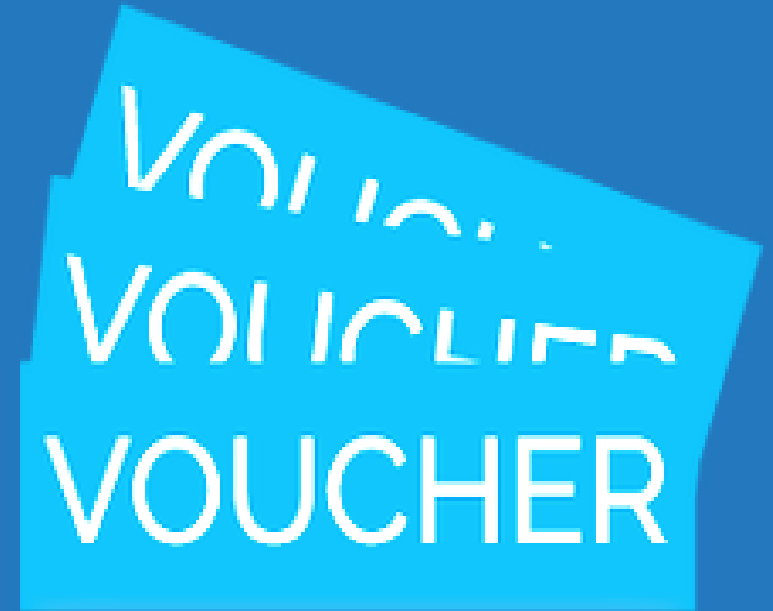
# Valley Metro ADA Paratransit

- East Valley Paratransit (AKA East Valley Dial a Ride)
  - Trips must travel within the paratransit boundaries
  - Travel can be between cities in the paratransit boundaries
  - \$4 each way- No mileage restrictions
  - Unlimited number of trips per month
  - Shared ride –must schedule one day in advance
- RideChoice
  - Trips can be anywhere
  - \$3 for the 1<sup>st</sup> eight miles, \$2 per mile after that
  - 20 trips per month – No mileage restrictions
  - Not a shared ride –on demand
  - A resident cannot participate in RideChoice if using Cab Connection

*Note: Number of participants in both programs was severely impacted by the pandemic. Usage is slowly improving up to 50-60% of pre-COVID levels.*

# Scottsdale Cab Connection Program

- Subsidized taxi rides for City of Scottsdale residents, 65 and older and/or ADA Certified
- Five types of vouchers
- The program began in 2009. Cab Connection is found to be more cost effective for the city instead of any Valley Metro product

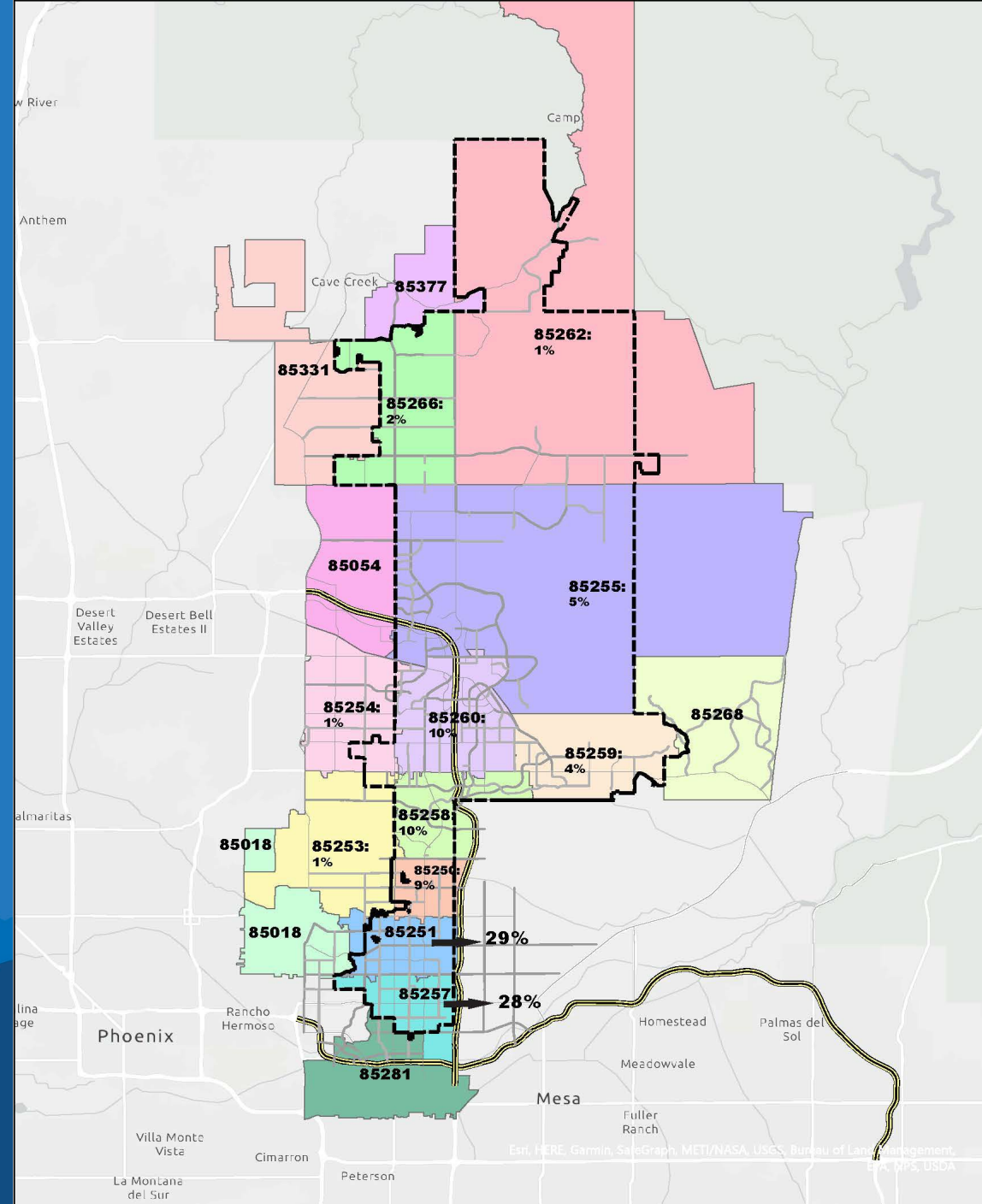




# Cab Connection Participant Demographics

Age	Participants	Percentage
64	55	5%
65-74	204	17%
75-84	398	34%
85-94	383	33%
95-103	131	11%
<b>Current Total</b>	<b>1171</b>	

Participation is currently at 60% and vouchers used per month are 51% of pre-Covid levels.



# Questions about Paratransit?



# ***Transit Operations Overview***

## ***Daniel Alire***

# Transit Operations



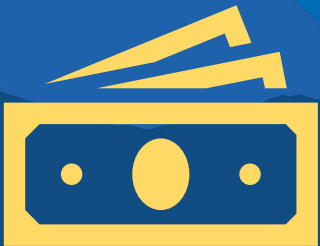
Transit Technology & Data Trends



Bus Stop Maintenance



Special Events



Transit Operations Funding



# Trolley Operations



**SCOTTSDALE  
TROLLEY**

## Intelligent Transportation Systems



- Clever Devices
  - Digital Video Recording
  - Automatic Passenger Counter



# Trolley Operations



**SCOTTSDALE  
TROLLEY**

## Intelligent Transportation Systems

- Digital Video Recording

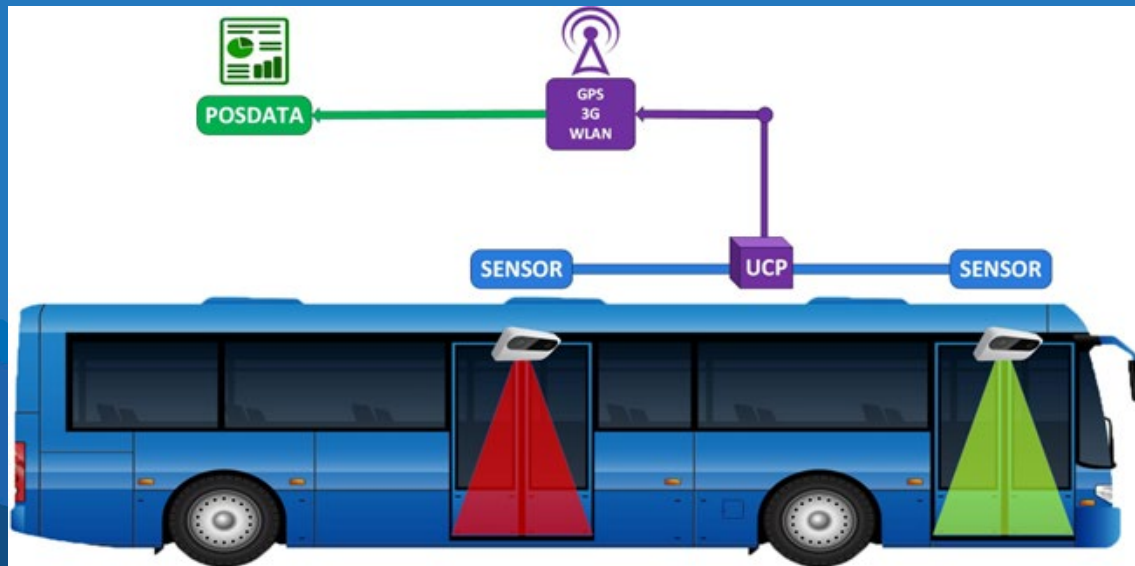


# Intelligent Transportation System

## Intelligent Transportation Systems



- Automatic Passenger Counter

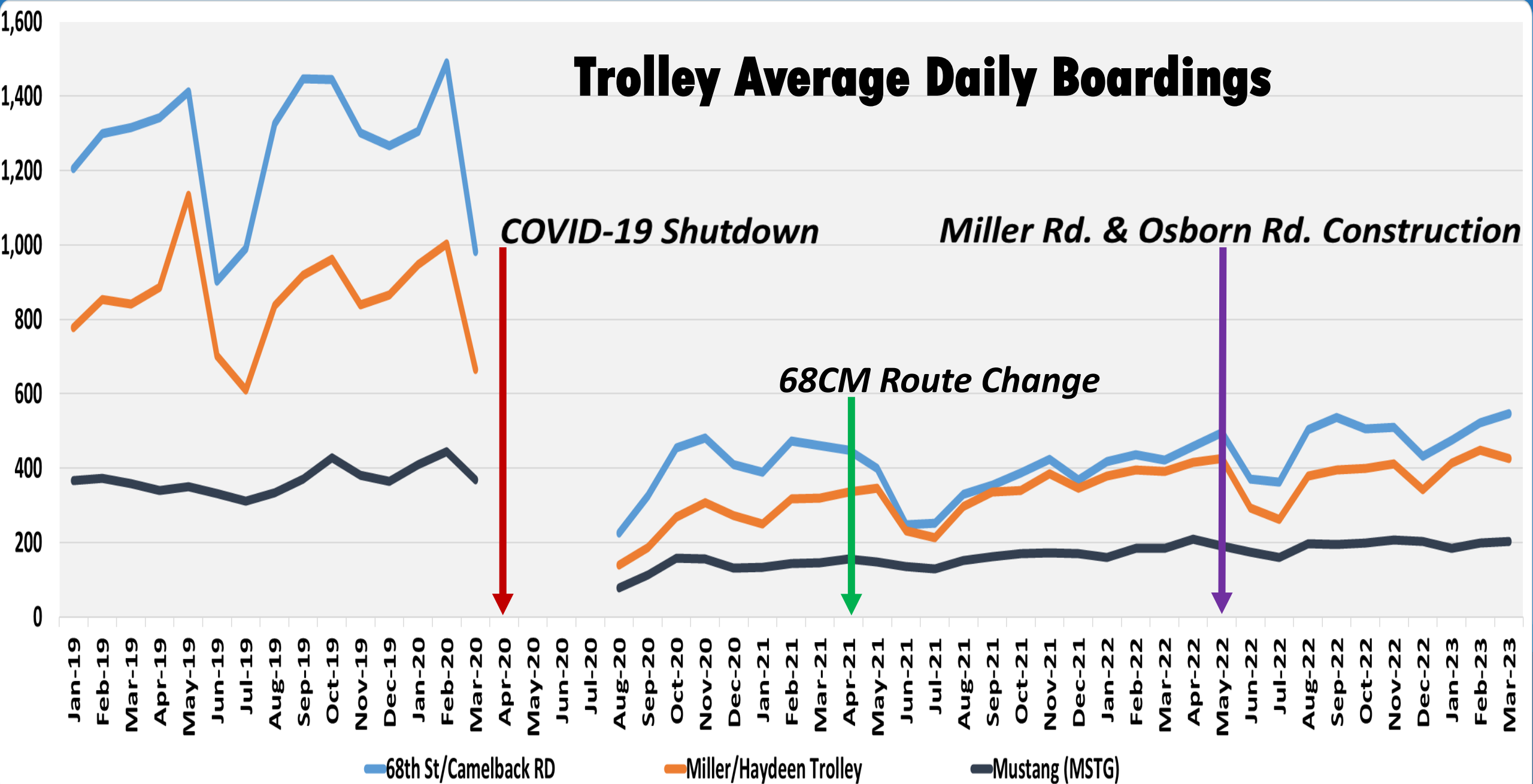


### CR-0132 Top Stop for Boardings

Top Stop for Boardings

Rank of Boardings	Stop	Boardings
1	Mustang TC/Mustang Lbry	406
2	Granite Reef Senior Center	313
3	Via Linda Senior Center	118
4	Unknown	117
5	Miller Rd + Earll Dr	116
6	68th St + Culver St	93
7	Miller Rd + Osborn Rd	90
8	Northsight Bl + Raintree Dr	88
9	Camelback Rd + 78th St	83
10	Roosevelt St + Hayden Rd	82

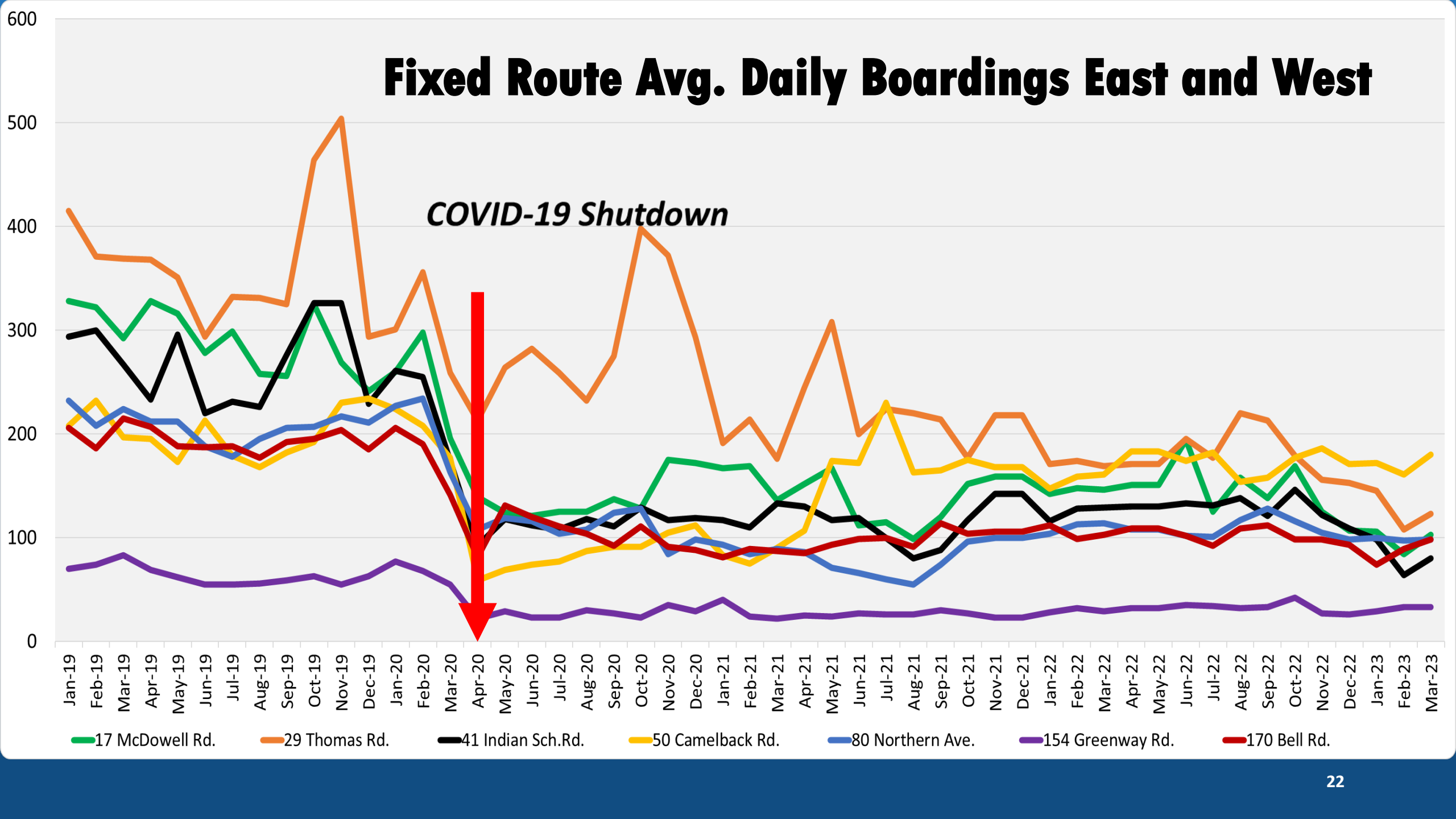
# Trolley Average Daily Boardings



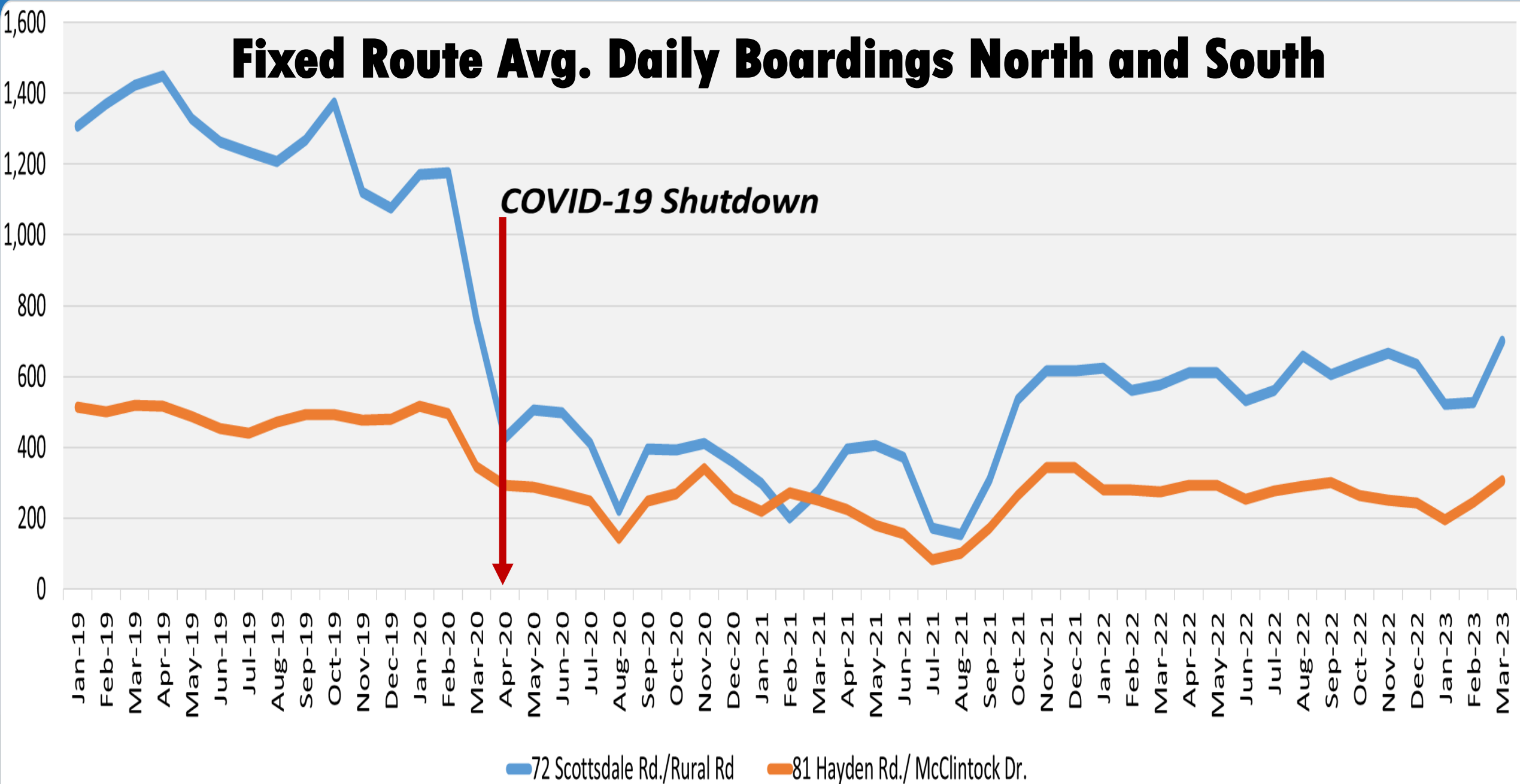


# Fixed Route Avg. Daily Boardings East and West

*COVID-19 Shutdown*



# Fixed Route Avg. Daily Boardings North and South



# Bus Stop Cleaning



- Day Porter
- Power Washing
- Graffiti Removal
- Extra Cleanings for Special Events



# Bus Stop Cleaning

*Before*

*After*



# Ongoing Communication

**94th Street trolley stops** Change Not Geo-located

**Workgroup:** Transportation

**Request Type:** Other

**Assigned To:** Transit Reassign

**Description:**  
All stops on Msta trolley.  
Custom Fields from previous Request Type: General Questions  
Work Groups: Other  
Subject: Scottsdale trolley Msta stops

**Location Details:**  
94th Street trolley stops

**CAS** Personal Inbox

Remove CC CAF

	CAF#	From	Created	Created Date
	509474	castan	gilljo	Apr 07, 23 11:01 AM
	498067	zamofr	gurri	Sep 22, 22 01:55 PM
	497930	zamofr	owhite	Sep 20, 22 07:33 PM
	497817	zamofr	fortka	Sep 19, 22 11:01 AM



# ServiceLink & Special Event Cleanings



# Special Events and Transit





### TROLLEY STOPS HERE | RIDE FREE

#### Spring Training Free Trolley Service Scottsdale Stadium & Old Town



SCOTTSDALE TROLLEY





# Spring Training Ridership & Fan Comments

Southbound trips to the stadium	Northbound trips leaving the stadium	Total Spring Training Ridership
532 passengers	465 passengers	997 passengers

“Everyone loved parking at Nordstrom’s.  
SO EASY!”

“This is a great service!”

“Trolleys are beautiful...first time I rode on one.”

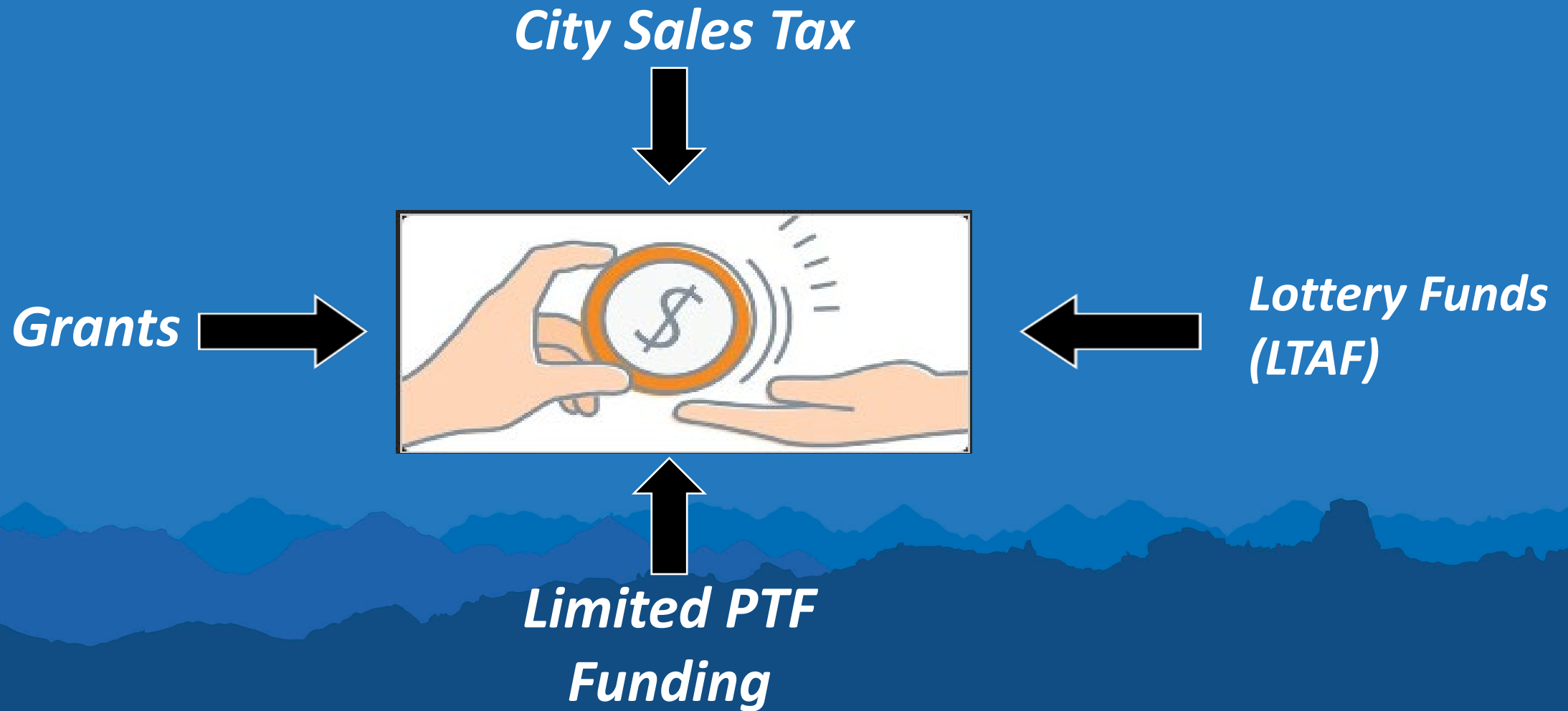
# Lessons Learned

“Make A-Frame pickup signs clearer for the passengers”  
- Passenger

“Connect Route more through Old Town”  
- DUNN Operator

“Promote service earlier”  
- Passenger

# Transit Operations Funding Sources



# Grant Funds Received in FY2021-22

American Rescue Plan ( ARP)

Coronavirus Response and Recovery Supplemental Appropriations Act (CRRSAA)

Preventive maintenance Grant - Fleet Maintenance on Trolley

Arizona Lottery Funds – Trolley Operating Expenses

**FY 2021-22 Trolley  
Operating Expenses**

**\$3 Million**

**Grant Funds Received in  
FY 2021-22**

**\$2 Million**

**Local Funds for Trolley  
Operations**

**\$1 Million**



# Questions ?

A stylized silhouette of a mountain range in shades of blue, positioned at the bottom of the slide.

# **Transit Operations Federal, Safety & Contract Compliance**

**Brendan Wagner**

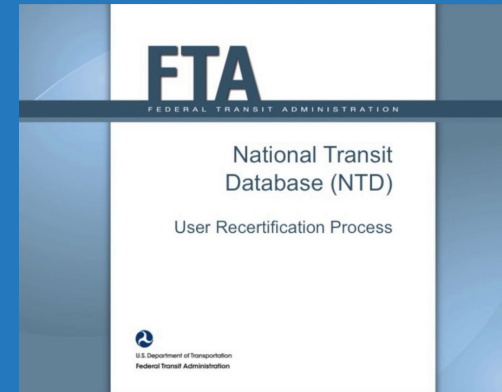
# Transit Operations

- National Transit Database - NTD
- Public Transit Agency Safety Plan - PTASP
- Trolley Operations
- Transit Stop Improvements



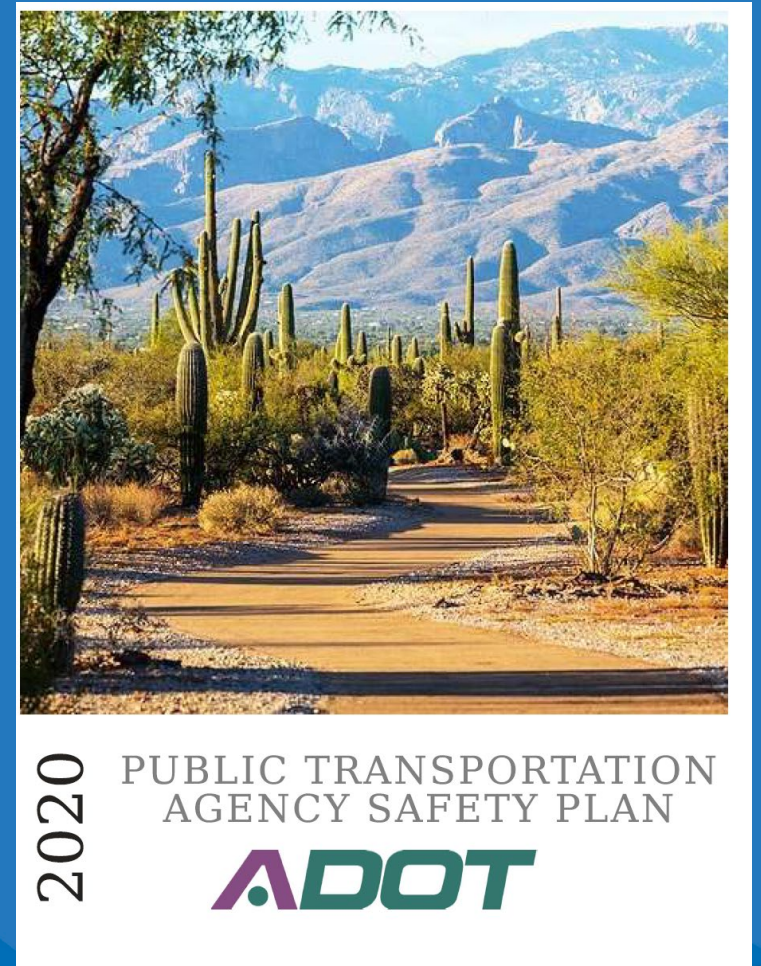
# NTD Report

- Annual Reporting
- Reports all aspects of Transit Operations
  - Financial
  - Vehicle/Facilities Inventory
  - Expenditures
  - Funding



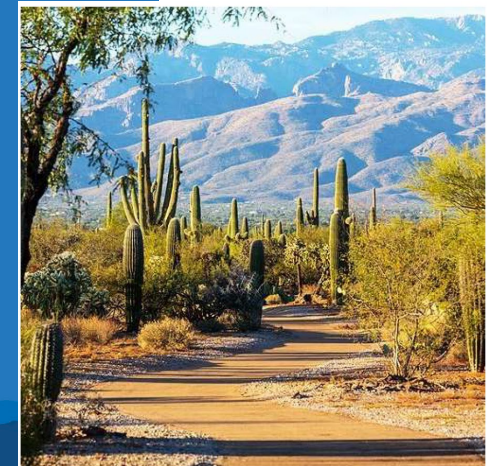
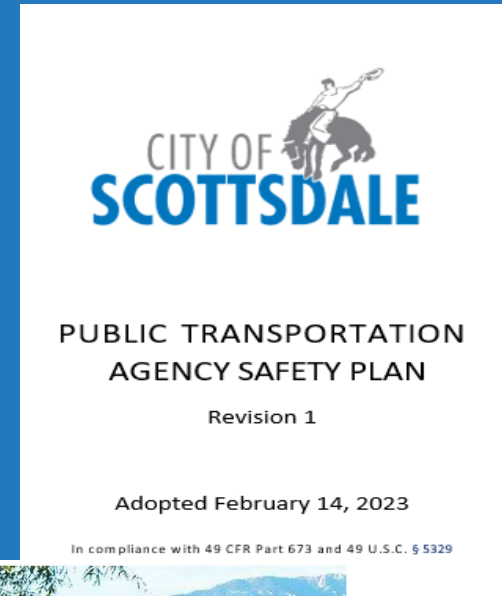
# Transit Safety Plan

- Moving Ahead for Progress – MAP 21
  - Required Safety Plans in July 2019
- Plans based on Safety Management Systems
- Arizona Department of Transportation
  - Developed the plan for smaller agencies
- COS adopted the Plan in November 2020



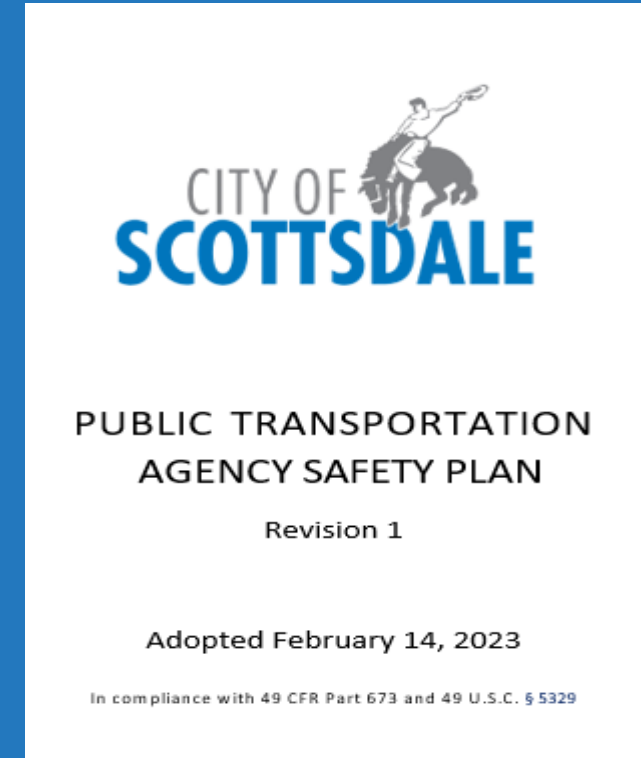
# PTASP – Additional Requirements

- Bi-Partisan Infrastructure Law
  - Formation of Safety Committee
  - Minimize exposure to diseases
  - Reduce assaults on transit workers
  - Expansion of Safety Training



# City of Scottsdale Revised Plan

- Safety and Risk Management Department
  - Provides input and support
- Safety Committee Convened January 2023
  - Committee approved plan for submission to Council
- City Council approves plan February 14, 2023



# PTASP – Moving Forward – Transit Safety Plan

- Transit Safety Committee
  - Front Line employees - Fleet
  - Safety and Risk Management
  - Dunn Transportation
  - Streets and Transportation



# Public Transportation Agency Safety Plan



- Provide annual review to City of Phoenix Transit

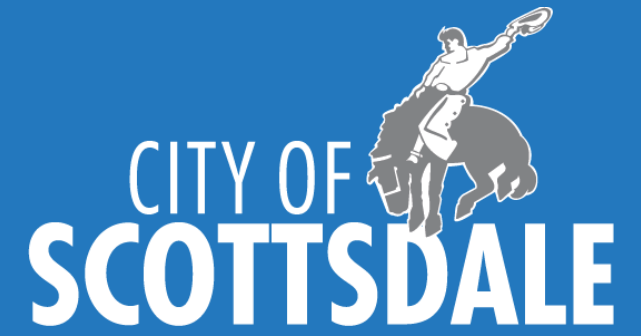


## PUBLIC TRANSPORTATION AGENCY SAFETY PLAN

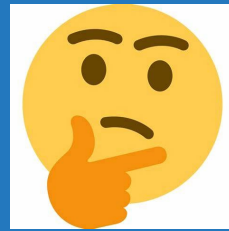
Revision 1

Adopted February 14, 2023

In compliance with 49 CFR Part 673 and 49 U.S.C. § 5329



**Questions at this point?**





# Trolley Operations



- Intelligent Transportation Systems
- On Time Performance
- Safety Practices
- Fleet Operations







# Trolley Operations



**SCOTTSDALE  
TROLLEY**

## Intelligent Transportation Systems

- Clever Devices
- On Time Performance



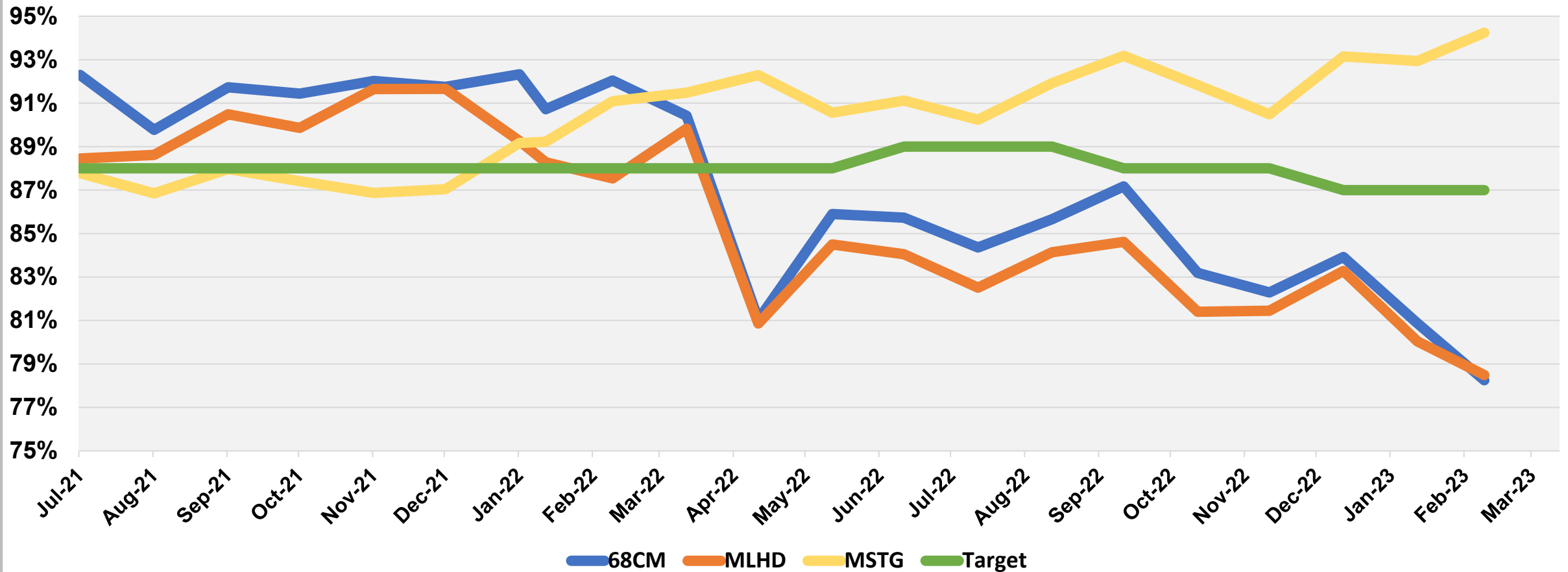
# Trolley Operations

## On Time Performance



**SCOTTSDALE  
TROLLEY**

On-Time Performance





# Dunn Transportation



# SCOTTSDALE TROLLEY

## Logistical Challenges

- 68CM Route Extension
- MLHD Detour
- Fueling – Compressed Natural Gas





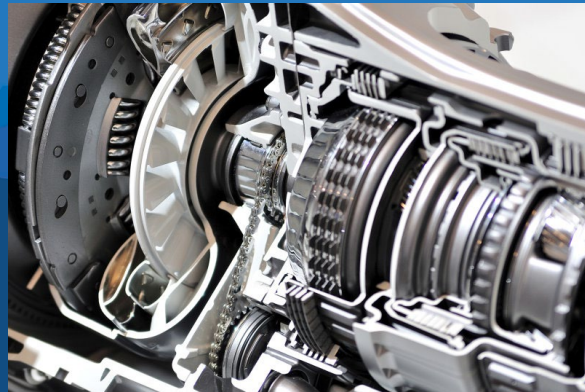
# Dunn Transportation



# SCOTTSDALE TROLLEY

## Operational Challenges

- Staffing
- Clever Devices
- Trolley Maintenance



 **Clever Devices**  
TRANSIT MATTERS HERE



# Dunn Transportation



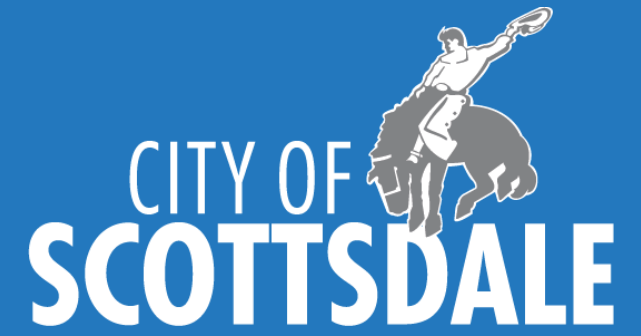
# SCOTTSDALE TROLLEY

## Scottsdale Trolley Operations

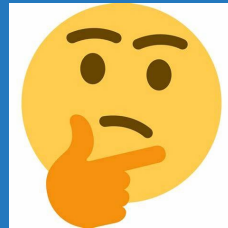
- Safety Plan
  - Safety Meetings
- Drug Testing
  - Federal Reporting
- Fleet Support
- Meetings/Monthly Reporting
- On-Site/On-the-Road Monitoring

### DOT DRUG TESTING





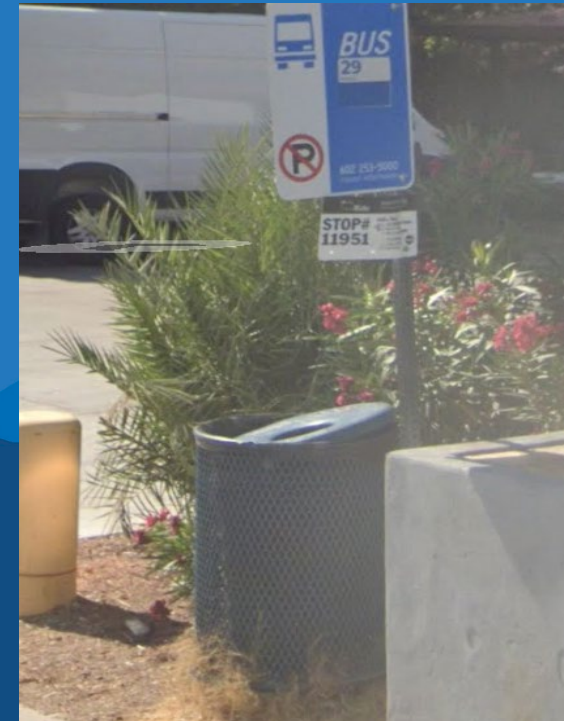
**Questions at this point?**



# Transit Stops Information

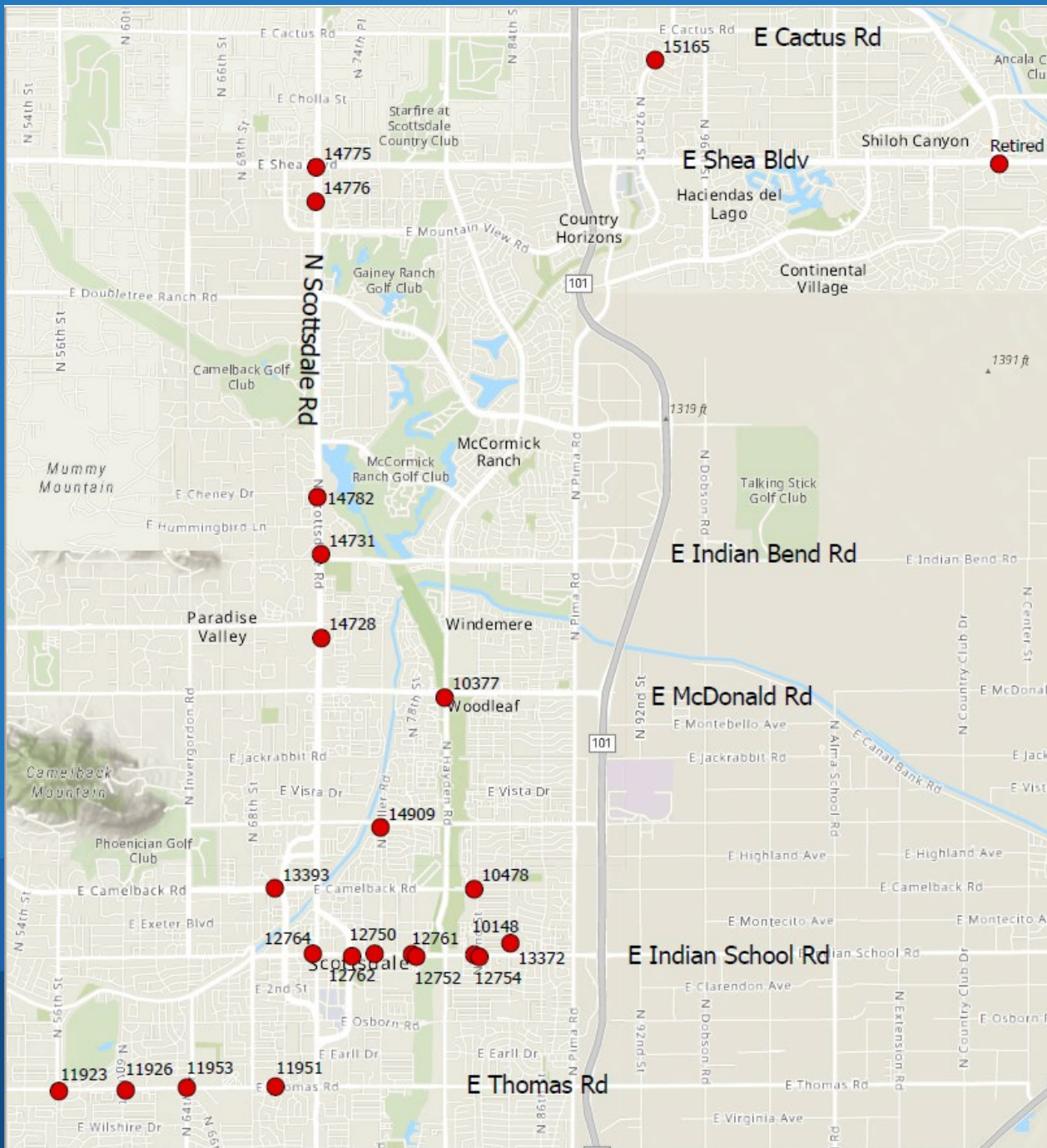
461 active stops

- 153 stops with shelters
- 234 stops with benches
- 205 stops with trash receptacles



# Transit Stop Improvements

- 16 Renovations in FY 2022
- 23 Renovations in FY 2023





# Transit Stop Improvements



Scottsdale Rd & Gold Dust Ave

Outdated Blue  
Canopy



Removed and installed  
new concrete

# Transit Stop Improvements



94<sup>th</sup> St & Poinsettia Dr



New Shelter  
Placement

# Transit Stop Improvements



Scottsdale Rd & Indian Bend Rd

Outdated Blue  
Diamond



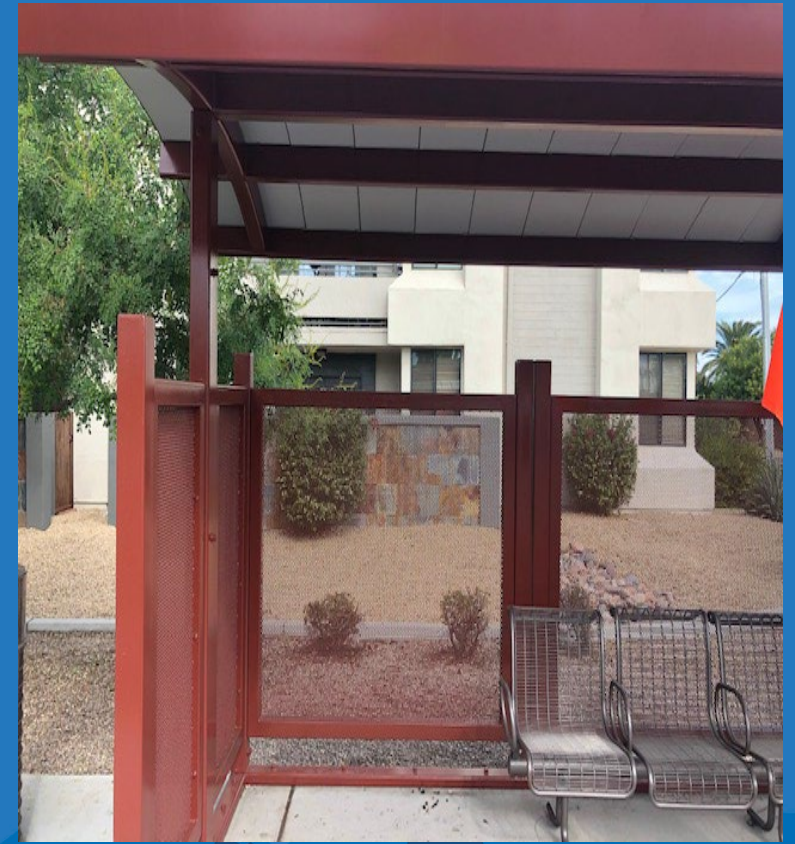
Refreshed with Plexus  
Amenities

# Transit Stop Improvements



Outdated Cranberry

Refreshed with  
Electrostatic Red Oxide



Indian School Rd

# Transit Stops Improvements

- Inventory Update
- GIS



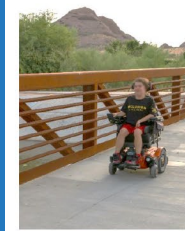
Status	asset_id	NextRide_#	Stop_ID	GEO	Bench	Bench_Type	Bench_Count	Seat_Count
Active	1365469	12766	5697	33.494665955,-111.935000141	Yes	Concrete Pillar	5	5
Active	1365489	10138	9599	33.4656273443,-111.903989342	Yes	GardenRoom	4	4
Active	1365497	13394	5566	33.5022514149,-111.935198574	Yes	Check	1	5
Active	1365287	14743	3091	33.6036800185,-111.925662639	Yes		1	
Active	1365386	15178	4654	33.531605016,-111.908898948	Yes		2	
Active	1365374	15166	4407	33.5893404691,-111.882823241	Yes		1	
Active	1365368	15160	4421	33.6108365757,-111.878508639	Yes	Check	0	
Active	1365352	15124	2699	33.5901181693,-111.88254709	Yes		1	
Active	1365350	15122	2703	33.5832088712,-111.882526825	Yes	Check	0	
Active	1365345	15117	2693	33.569457427,-111.887213944	Yes		3	
Active	1365339	15110	2932	33.5246599068,-111.90855174	Yes		4	
Active	1365333	15105	2926	33.4845283252,-111.908791636	Yes		1	
Active	1365634	14920	4693	33.4835748863,-111.917657184	Yes	Check		
Active	1365673	14888	475	33.523706196,-111.908079311	Yes	Check	0	
Active	1365387	15179	4662	33.5233187377,-111.908988286	Yes	Check	0	
Active	1365663	14877	3002	33.4952444664,-111.917371931	Yes	Check	0	



# Transit Stops Improvements

Improvement prioritization process

- Transportation Action Plan
- Ridership
- ADA Requirements



**Transportation Action Plan**  
City of Scottsdale's 10-Year  
Transportation Roadmap

The map displays a network of roads and key locations. Labeled roads include Pinnacle Peak Rd, Thompson Peak Pkwy, Wright Blvd, Ryden Loop, Overbrook Rd, D... Blvd, Le Ranch Rd, and Pinnacle Pkwy. Landmarks such as McDowell Mountain Park and Mountain Hills are also indicated.



# Transit Stops Improvements

## Project Focus

- Space
- Shade
- Lighting
- ADA Accessibility



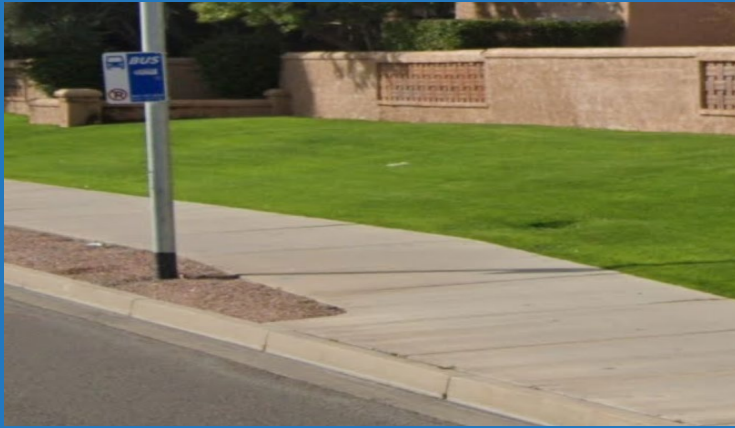
90th St & Via Linda



# Transit Stops Improvements

## Challenges

- Space
- Shade

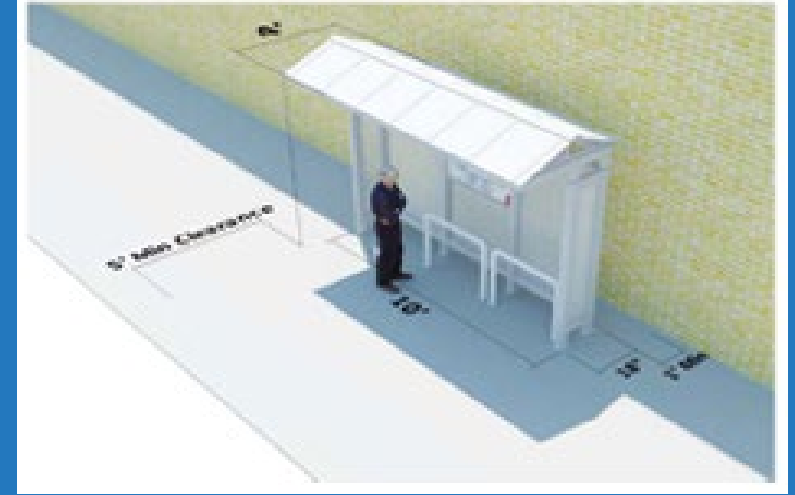


Hayden Rd & Via De Los Libros

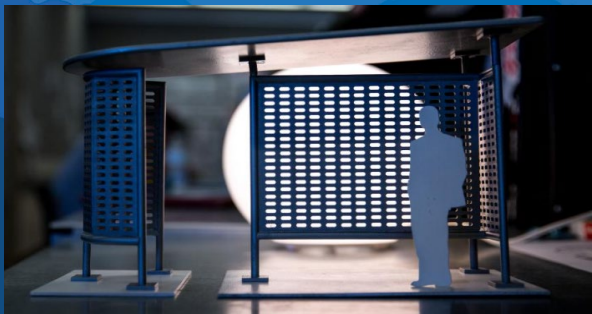


94<sup>th</sup> St & Poinsettia  
Standard Shelter

Figure 12: Example of Small Bus Shelter



Hayden Rd & Chaparral Rd





# Transit Stops Improvements

## Challenges

- Lighting
- ADA Accessibility



Indian School Rd & 60<sup>th</sup> St



# Transit Stops Improvements



94<sup>th</sup> St & Poinsettia  
Standard Shelter for Large Space



Thomas Rd & Scottsdale RD

Outdated



Scottsdale Rd & E Butherus Dr

Outdated Style



McDowell Rd & Granite Reef Rd

Garden Room  
(overgrown)

# Transit Stops Improvements



Scottsdale Rd & McDowell Rd



Scottsdale Rd & Fashion Square Cir

# Transit Stops Improvements



94<sup>th</sup> St & Poinsettia

Standard Shelter for Large Space



Thomas Rd & Scottsdale RD

Outdated



Scottsdale Rd & E Butherus Dr

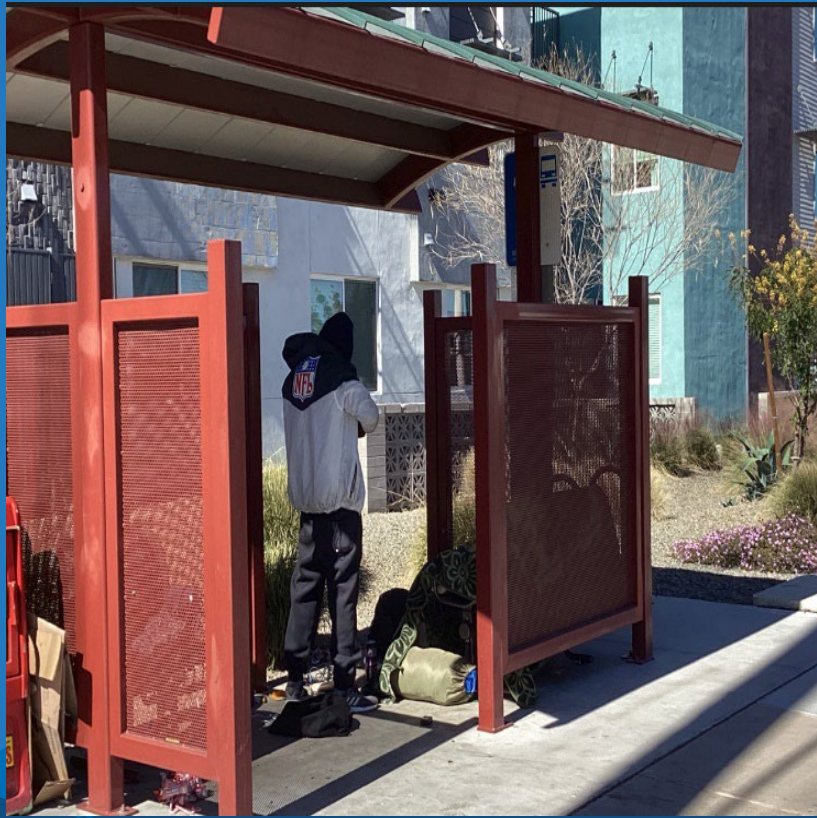
Outdated Style



McDowell Rd & Granite Reef Rd

Garden Room  
(overgrown)

# Transit Stops Improvements

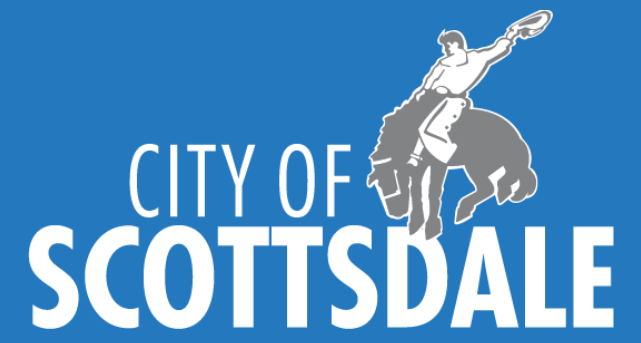


# Transit Stops Improvements

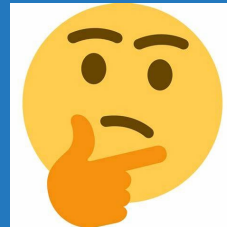
- Data Collection
- Report Progress
- Continued Planning



Status	asset_id	NextRide_#	Stop_ID	GEO	Bench	Bench_Type	Bench_Coun	Seat_Count
Active	1365469	12766	5697	33.494665955,-111.935000141	Yes	Concrete Pillar	5	5
Active	1365489	10138	9599	33.4656273443,-111.903989342	Yes	GardenRoom	4	4
Active	1365497	13394	5566	33.5022514149,-111.935198574	Yes	Check	1	5
Active	1365287	14743	3091	33.6036800185,-111.925662639	Yes		1	
Active	1365386	15178	4654	33.531605016,-111.908898948	Yes		2	
Active	1365374	15166	4407	33.5893404691,-111.882823241	Yes		1	
Active	1365368	15160	4421	33.6108365757,-111.878508639	Yes	Check	0	
Active	1365352	15124	2699	33.5901181693,-111.88254709	Yes		1	
Active	1365350	15122	2703	33.5832088712,-111.882526825	Yes	Check	0	
Active	1365345	15117	2693	33.569457427,-111.887213944	Yes		3	
Active	1365339	15110	2932	33.5246599068,-111.90855174	Yes		4	
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Active	1365634	14920	4693	33.4835748863,-111.917657184	Yes	Check		
Active	1365673	14888	475	33.523706196,-111.908079311	Yes	Check	0	
Active	1365387	15179	4662	33.5233187377,-111.908988286	Yes	Check	0	
Active	1365663	14877	3002	33.4952444664,-111.917371931	Yes	Check	0	



**Questions?**





# *Transit Operations*

## *What is down the road?*

*Ratna Korepella & Mark Melnychenko*



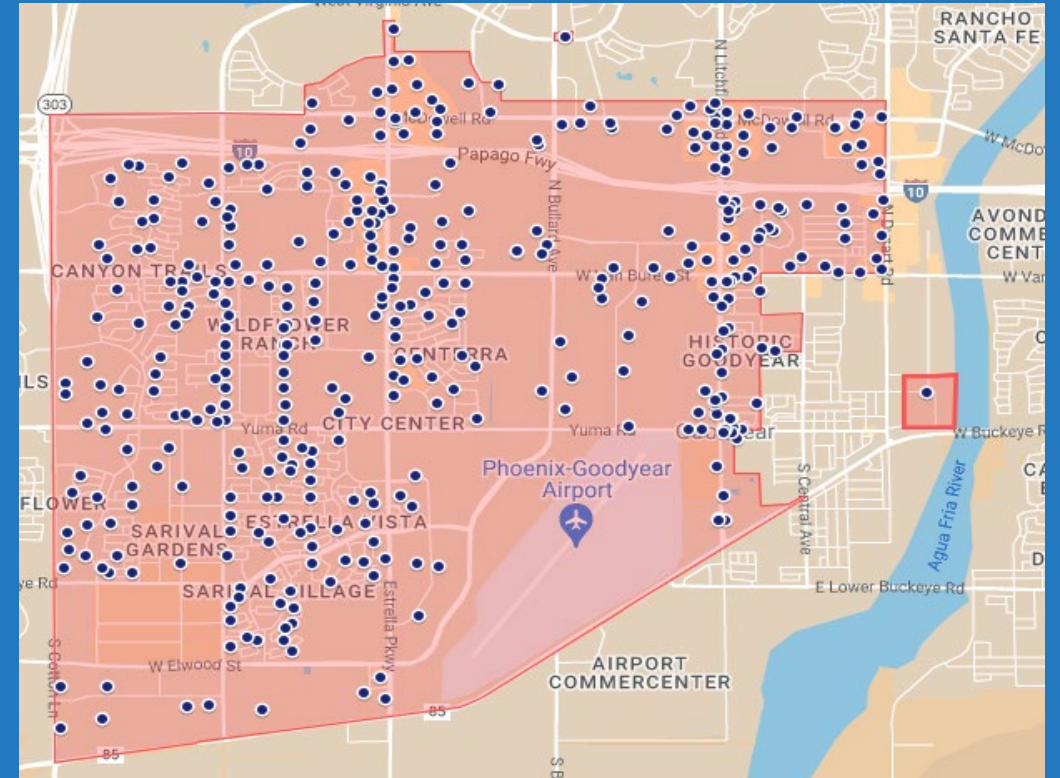
*Microtransit & Alternative Fuel Buses*  
*Expanded Trolley Service Hours*  
*Alternate Route Paths*

# Microtransit



# What is Microtransit?

- On-Demand Transportation Service
  - Within a Specified Area
  - Short Trip Length
- Provides “First” and “Last” Mile Connectivity
- Vehicles May Consist Of:
  - Passenger Cars
  - Minivans
  - Wheelchair-Accessible Vehicles (WAV)
- Like “Uber” or “Lyft” On-Demand Services



# Local Microtransit Services

- Avondale/Goodyear “WeRide” Program



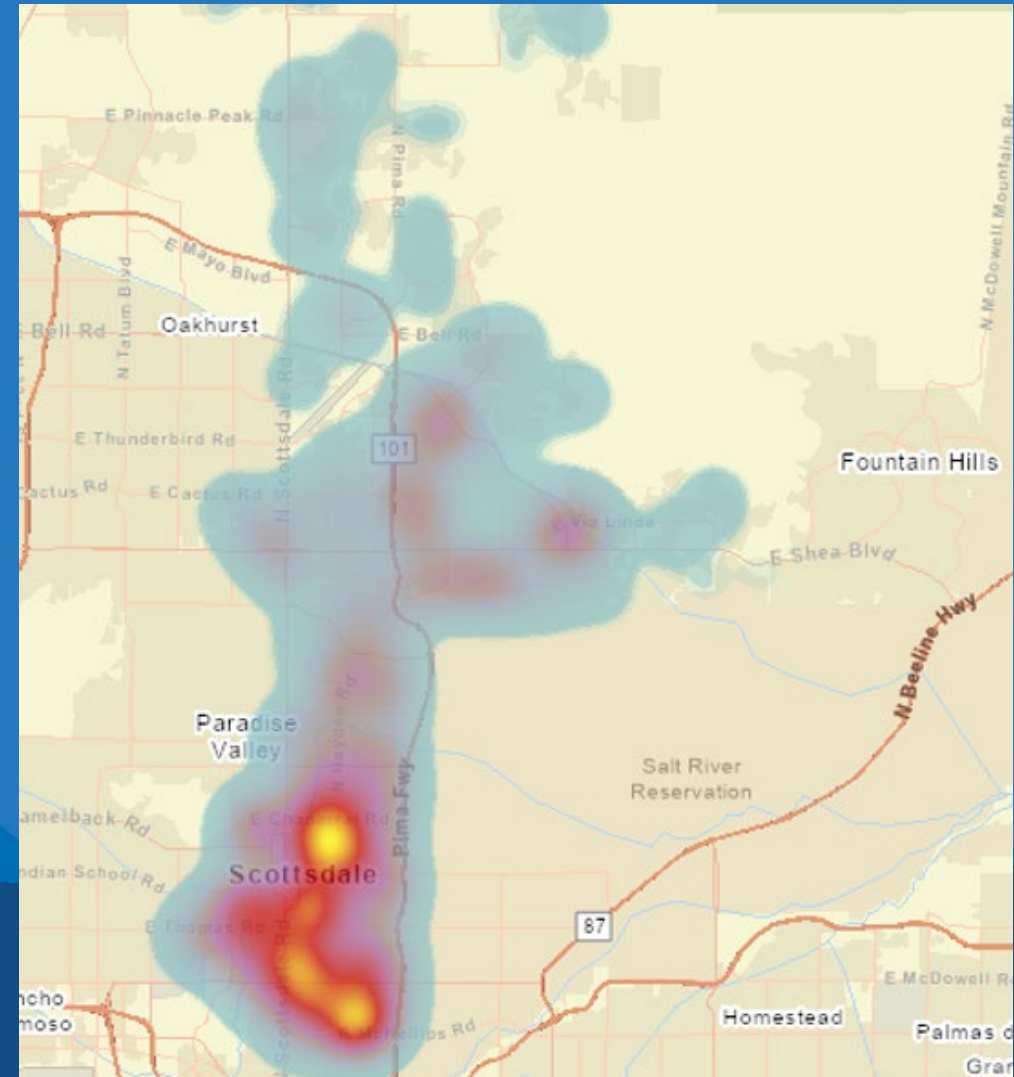
- Glendale “OnBoard” Program



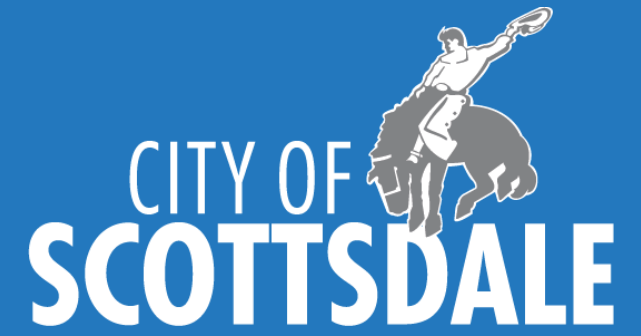
- Chandler “Flex” Program



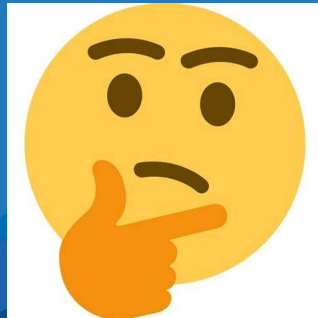
# Potential Microtransit Service Area For Scottsdale



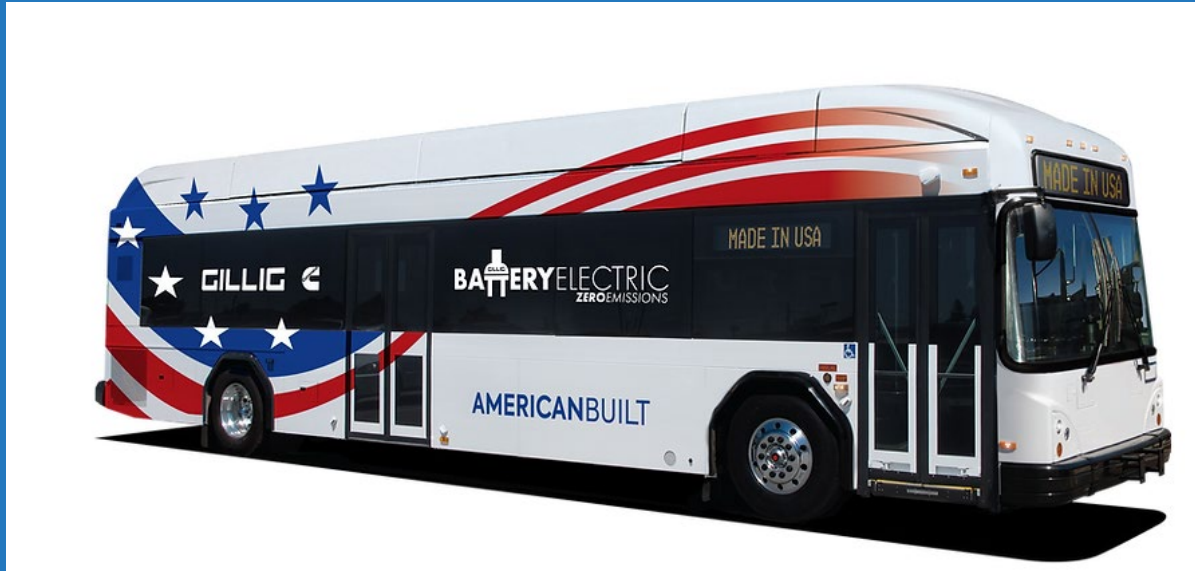
- Potential Destinations/Parking
- Link to Key Areas
- Experience from Special Events Service



**Questions?**

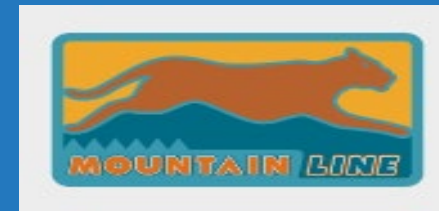


# Alternative Fuel Transit Buses



# Other Agencies Exploring EV's

- Sun Tran – Tucson
- Mountain Line Transit – Flagstaff
- City Of Phoenix
- Valley Metro





# EV Challenges

- Feasibility of Electric Power and Charging Stations
  - Do we have the space?
  - Can the grid support our operation?
- Budget Implications
  - Up front and operational costs
- Operational feasibility
  - Extreme Heat
  - Charging Time
- Driver & Technician re-training



# Expanded Hours

- Weekdays – 6:00a – 9:00p
- Weekends

# Challenges

- Garage/Driving Staff Shortage
- Ridership
- Cost



# Alternate Routing

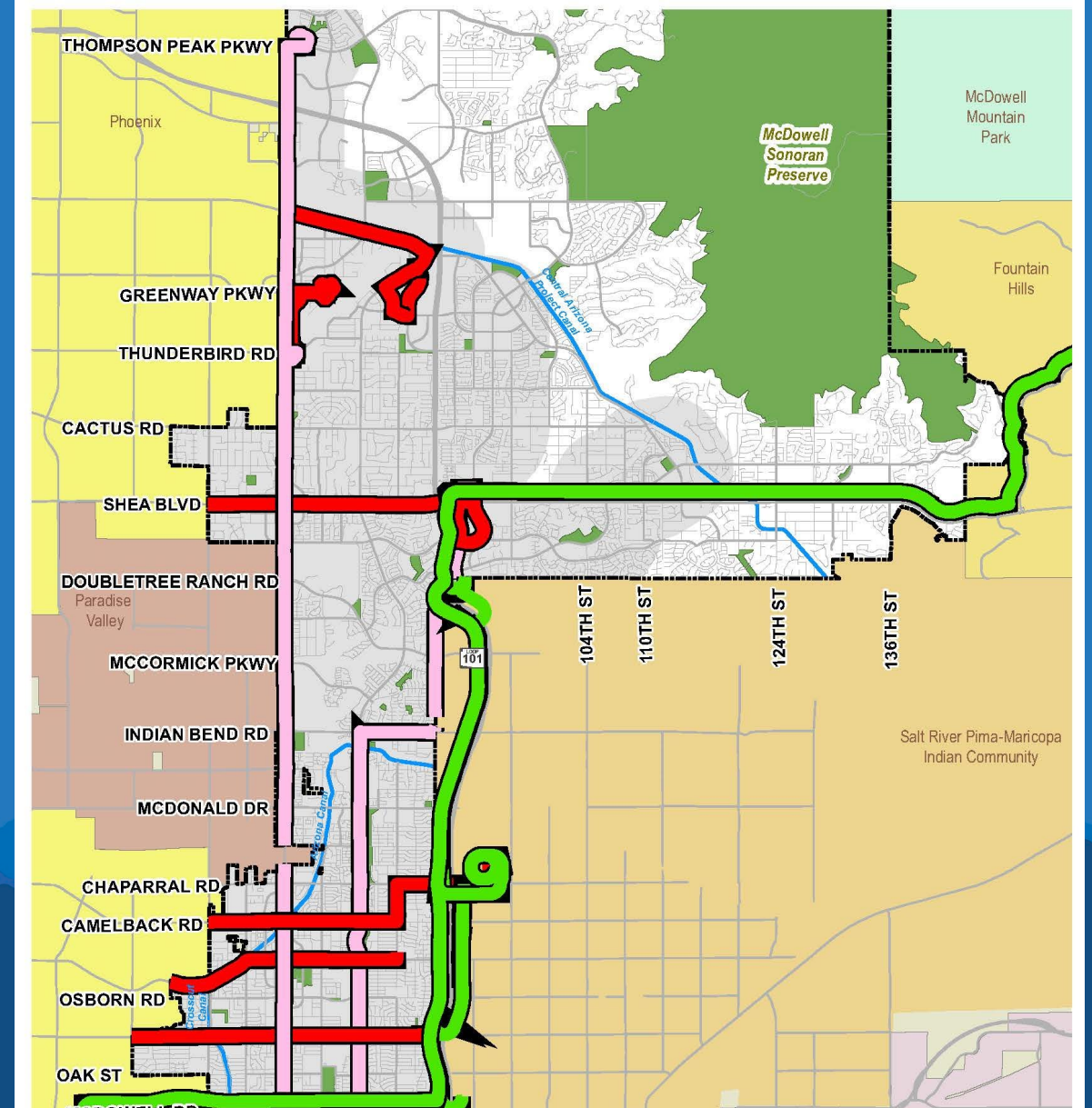
## Mustang Re-route

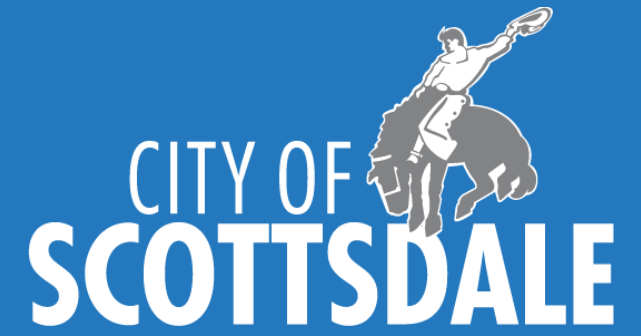
- McDowell Mountain Aquatic Center?
- Cavasson?

Scottsdale Rd

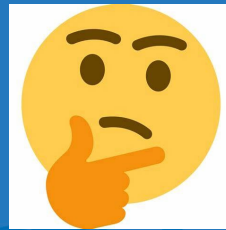
## Challenges

- Driving Staff Shortage
- Rider Interest
- Cost





**Questions?**



# TENTATIVE FUTURE AGENDA ITEMS

Rev.05-11-23

\*All Items Subject to Change\*

## TRANSPORTATION COMMISSION

**MEETING DATE: June 15, 2023**

**REPORTS/PRESENTATIONS DUE June 8**

- **Approval of Meeting Minutes** ..... **Action**  
*Approval of Regular meeting minutes May 18, 2023*
- **Federal Highway Administration’s Safety Countermeasures**.....**Information**  
*Update on the FHWA’s new safety countermeasures for pedestrians and bicycles – Nathan Domme, Transportation Planning Manager*
- **Linking the Five-Year Paving Plan to Restriping Efforts**.....**Presentation and Discussion**  
*Discussion around linking the five-year paving plan and restriping along with the Transportation Action Plan (TAP) – Nathan Domme, Transportation Planning Manager*
- **CIP Update**.....**Information**  
*Update on capital improvement projects – Nathan Domme, Transportation Planning Manager*
- **Transportation Commission Summer Schedule** ..... **Action**  
*Decision on the 2023 Summer Meeting schedule for the Transportation Commission*
- **Election of the Chair and Vice-Chair** ..... **Action**  
*Selection of the new Chair and Vice-Chair*

**MEETING DATE: July 20, 2023**

**REPORTS/PRESENTATIONS DUE July 13**

- **TBD...**

**MEETING DATE: August 17, 2023**

**REPORTS/PRESENTATIONS DUE August 10**

- **Approval of Meeting Minutes** ..... **Action**  
*Approval of Regular meeting minutes June 15, 2023*
- **Construction Mitigation Plan**.....**Presentation and Discussion**  
*Follow up on the initial presentation from staff – Walt Brodzinski, Right-of-Way Manager*
- **Roundabout Education**.....**Information**  
*Discuss benefits of Roundabouts and how success is evaluated – Phil Kercher, Traffic Engineer & Ops Manager*
- **Bicycle and Pedestrian Count Data**.....**Information**  
*Follow up from initial presentation from staff at the two-year mark – Nathan Domme, Transportation Planning Manager*

**MEETING DATE: September 21, 2023**

**REPORTS/PRESENTATIONS DUE September 14**

- **Approval of Meeting Minutes** ..... **Action**  
*Approval of Regular meeting minutes August 17, 2023*
- **Arterial Life Cycle Program Fiscal Year 2023-2024 Update** .....**Information**  
*Updates on the changes for fiscal year 2023-2024 – Greg Davies, Senior Transportation Planner*
- **Shea and 124<sup>th</sup> Street Underpass** .....**Information**  
*Update on underpass – Susan Conklu, Senior Transportation Planner*
- **Bus Stop Signage Updates**.....**Discussion and Action**  
*Follow up from initial presentation from staff – Ratna Korepella, Transit Manager*
- **Small Cell Wireless Facilities**.....**Presentation and Discussion**

*Presentation on the issues associated with small cell wireless facilities on signals poles in North Scottsdale and the next steps to address them - Hong Huo, Traffic Engineer Principal*

**MEETING DATE: October 19, 2023**

**REPORTS/PRESENTATIONS DUE October 12**

- **Approval of Meeting Minutes** ..... **Action**  
*Approval of Regular meeting minutes September 21, 2023*
- **Pavement Cut Ordinance**.....**Presentation and Discussion**  
*Presentation of a draft ordinance that guides developers, utilities, and city projects on restoring asphalt after pavement cuts in our street network – Ed Padron, Street Operations Manager*

**FUTURE ITEMS:**

**INFORMATION ITEMS**

- **Review of Travel Demand Patterns**.....**Information**  
*Information on how travel demand patterns effects roadway improvements – Kiran Guntupalli, Principal Traffic Engineer*
- **Update on Cool Paving Results** .....**Information**  
*Information on the results from Cool Paving – Ed Padron, Street Operations Manager*
- **Fiscal Impact of Distracted Driving** .....**Information**  
*Information on the fiscal impact that distracted driving has on Transportation and Street Operations decisions – Mark Melnychenko, Transportation & Streets Director*
- **Update on Traffic Safety** .....**Information**  
*Information on traffic safety as it relates to pedestrian and automobiles in the city of Scottsdale – Kiran Guntupalli, Principal Traffic Engineer*
- **Update on Sensagrate** .....**Information**  
*Information and update from Sensagrate Pilot Project and where it stands now after initial presentation – Darryl Keeton, Sensagrate*
- **Blue Zones Project** .....**Information**  
*Information on Scottsdale’s first Blue Zone’s project with HonorHealth – Mark Melnychenko, Transportation & Streets Director*

**TRANSPORTATION & STREETS DEPARTMENT ACTIVITIES**

- **Smart City**.....**Presentation and Discussion**  
*Discussion on the City’s participation in Smart City applications as well as ITS strategic plan and ITS vehicle detection – Hong Huo, Traffic Engineer Principal*
- **Expanding Maintenance Needs**.....**Presentation and Discussion**  
*Maintenance of current infrastructure – Mark Melnychenko, Transportation & Streets Director*
- **2022 Traffic Volume and Collision Manual**..... **Presentation and Discussion**  
*Summarize the information in the recently published 2020 Traffic Volume and Collision Manual – Kiran Guntupalli, Traffic Engineer Principal and Parker Murphy, Traffic Engineer*
- **No Engine Braking Ordinance Update**.....**Presentation and Discussion**  
*Discuss the recently approved no engine braking ordinance and its application -Phil Kercher, Traffic Engineering and Ops Manager and Walt Brodzinski, Right-of-Way Manager*
- **Leading Pedestrian Interval Policy**.....**Presentation and Discussion**  
*Discuss Leading Pedestrian Interval Policy and how the city applies it – Hong Huo, Traffic Engineer Principal*
- **Bicycle Friendly Communities Application Update** .....**Presentation and Discussion**  
*Update from initial presentation given on the Bicycle Friendly Communities Application – Susan Conklu, Senior Transportation Planner*

**PATHS & TRAILS SUBCOMMITTEE**

**MEETING DATE: June 6, 2023**

**REPORTS/PRESENTATIONS DUE May 30**

- **Approval of Meeting Minutes** ..... **Action**  
*Approval of Regular meeting minutes of April 4, 2023*
- **Bicycle and Pedestrian Count Data**.....**Information**  
*Follow up from initial presentation from staff at the two-year mark – Nathan Domme, Transportation Planning Manager*
- **Bicycle Friendly Communities Application Process Update**.....**Presentation and Discussion**  
*Information on the Bicycle Friendly Communities Application – Susan Conklu, Senior Transportation Planner*
- **Other Transportation Projects and Programs Status**..... **Information**  
*A continuing overview of projects/programs including Bike Month recap – Susan Conklu, Senior Transportation Planner*

**FUTURE ITEMS:**

**INFORMATION ITEMS**

**TRANSPORTATION & STREETS DEPARTMENT ACTIVITIES**

- **Path and Trail Gap Analysis** ..... **Presentation and Discussion**  
*Information on gaps in the citywide path and trails network – Greg Davies, Senior Transportation Planner*
- **Pavement Restriping** ..... **Presentation and Discussion**  
*Information on the coordination of re-paving and re-striping – Nathan Domme, Transportation Planning Manager*
- **Wayfinding Signage** ..... **Information**  
*Update on the wayfinding signage – Susan Conklu, Senior Transportation Planner*
- **Updates from Neighboring Cities and Towns**..... **Information**  
*Updates from Neighboring Cities such as Tempe, Phoenix, Mesa, and Paradise Valley on connectivity projects with Scottsdale – Guest Speakers*
- **Updates from Neighboring Cities and Towns**..... **Information**  
*Updates from Neighboring Cities such as Tempe, Phoenix, Mesa, and Paradise Valley on connectivity projects with Scottsdale – Guest Speakers*
- **CIP Update**.....**Information**  
*Update on capital improvement projects related to paths & trails – Nathan Domme, Transportation Planning Manager*
- **Bicycle Friendly Communities Application Final Form** .....**Presentation and Discussion**  
*Information on the final version of the Bicycle Friendly Communities Application – Susan Conklu, Senior Transportation Planner*