

Avondale Goodyear

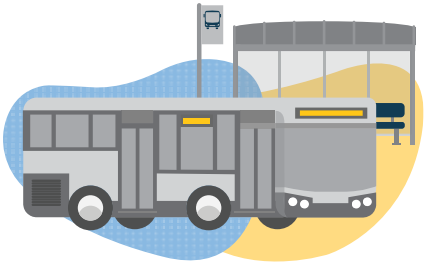
TRANSIT STUDY



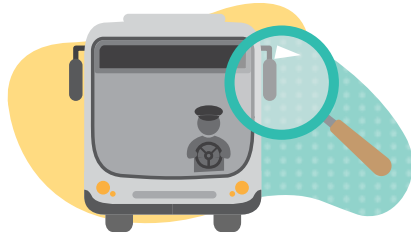
Study Timeline



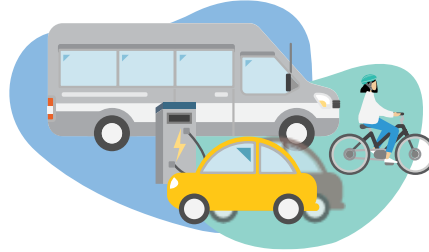
Study Overview



**Evaluation of
existing transit
services**



**Existing and
future transit
demand analysis**



**Review of national
transit best
practices**



**Community
surveys and
discussions**

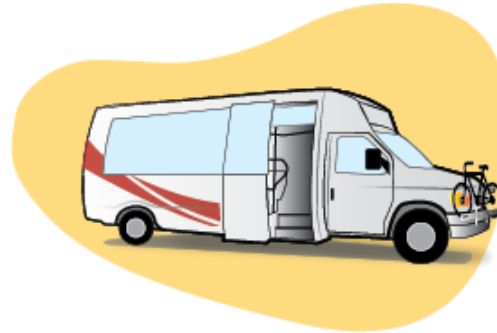


**Recommendations
and future
considerations**

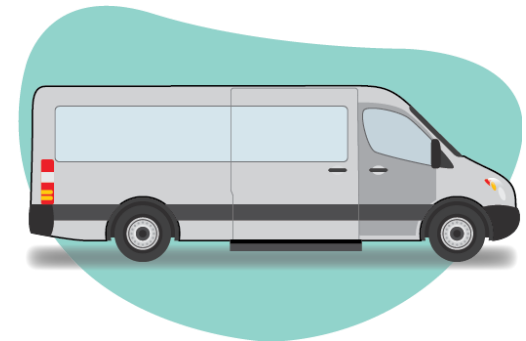
Existing Transit



Fixed-route bus

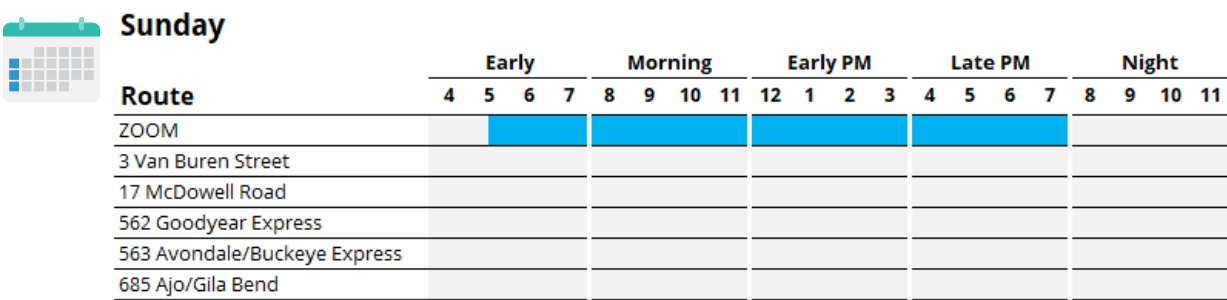
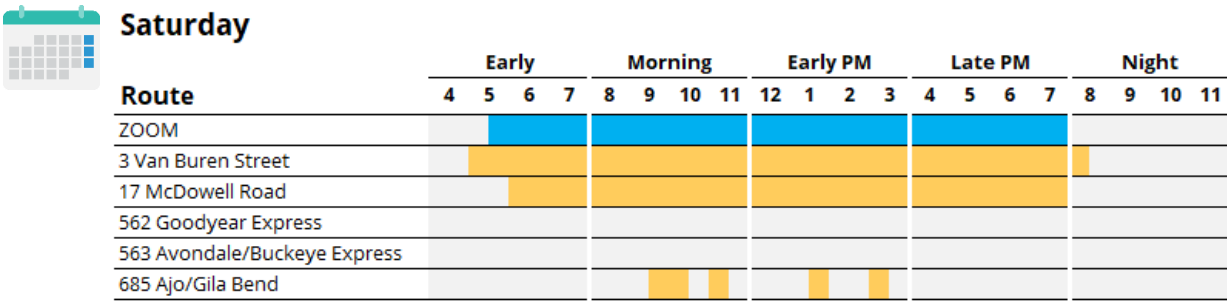
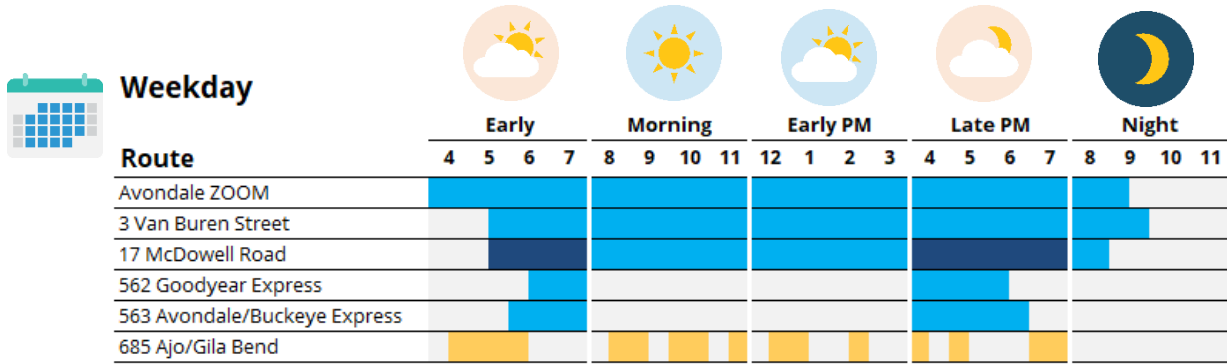
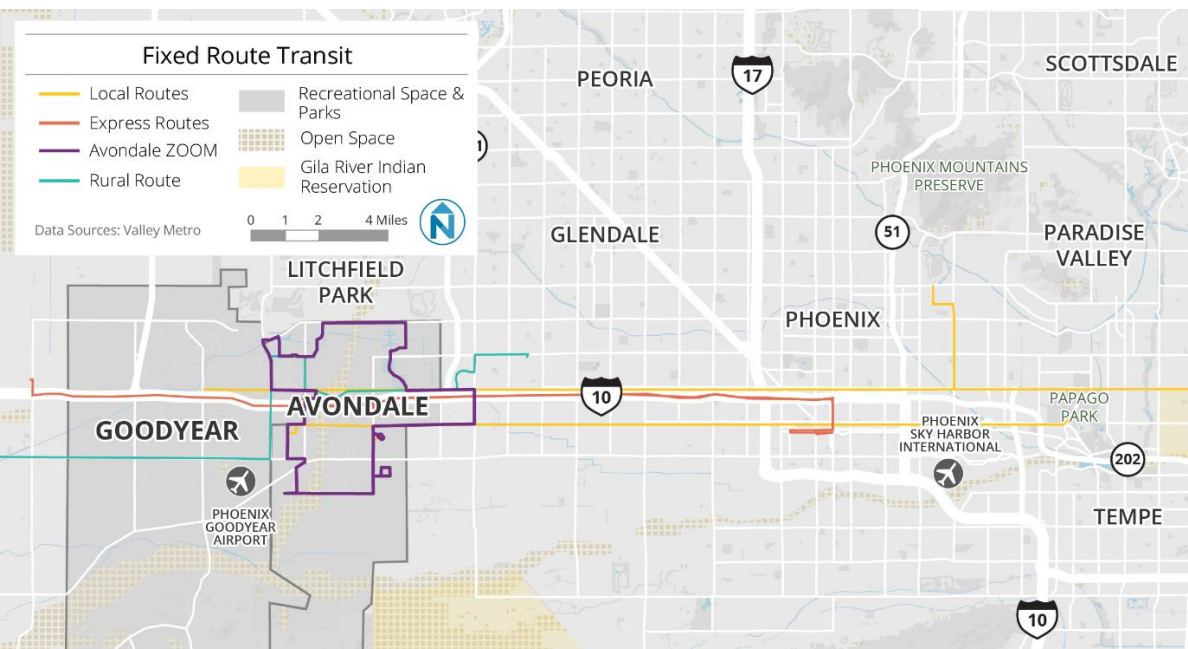


Paratransit

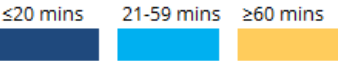


Vanpool

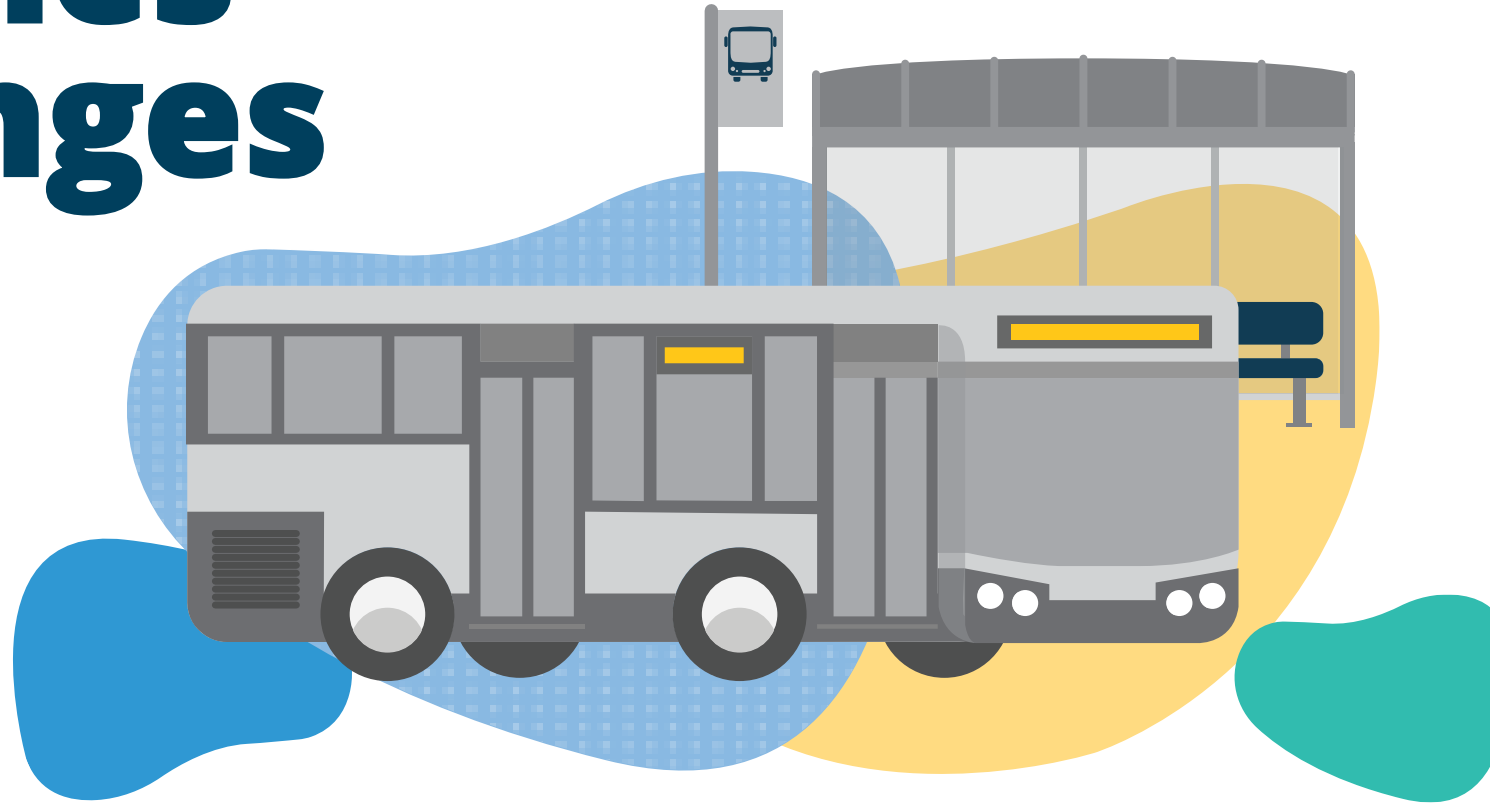
Fixed-Route Bus



Route Frequency

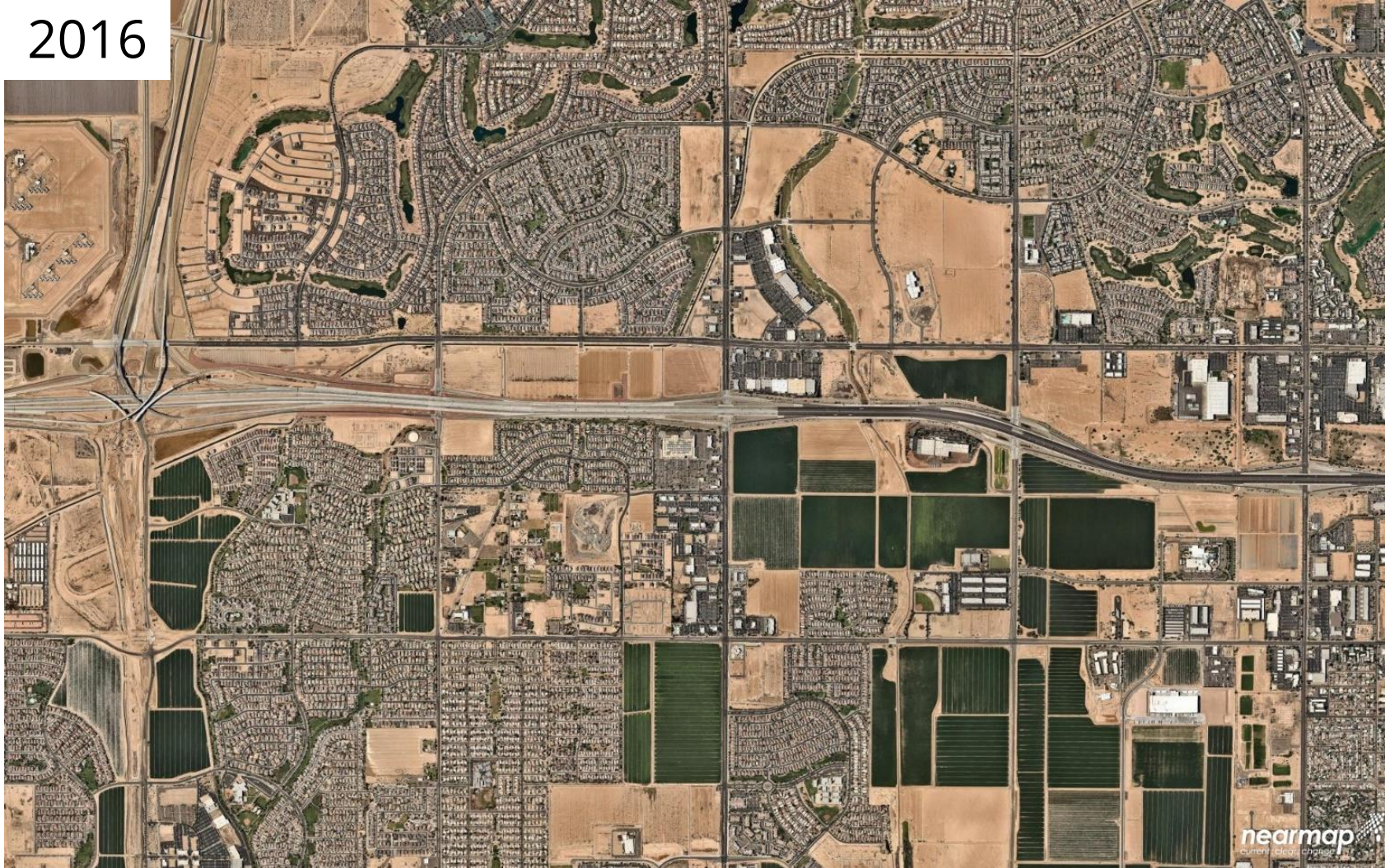


Opportunities and Challenges



Sustained Growth

2016

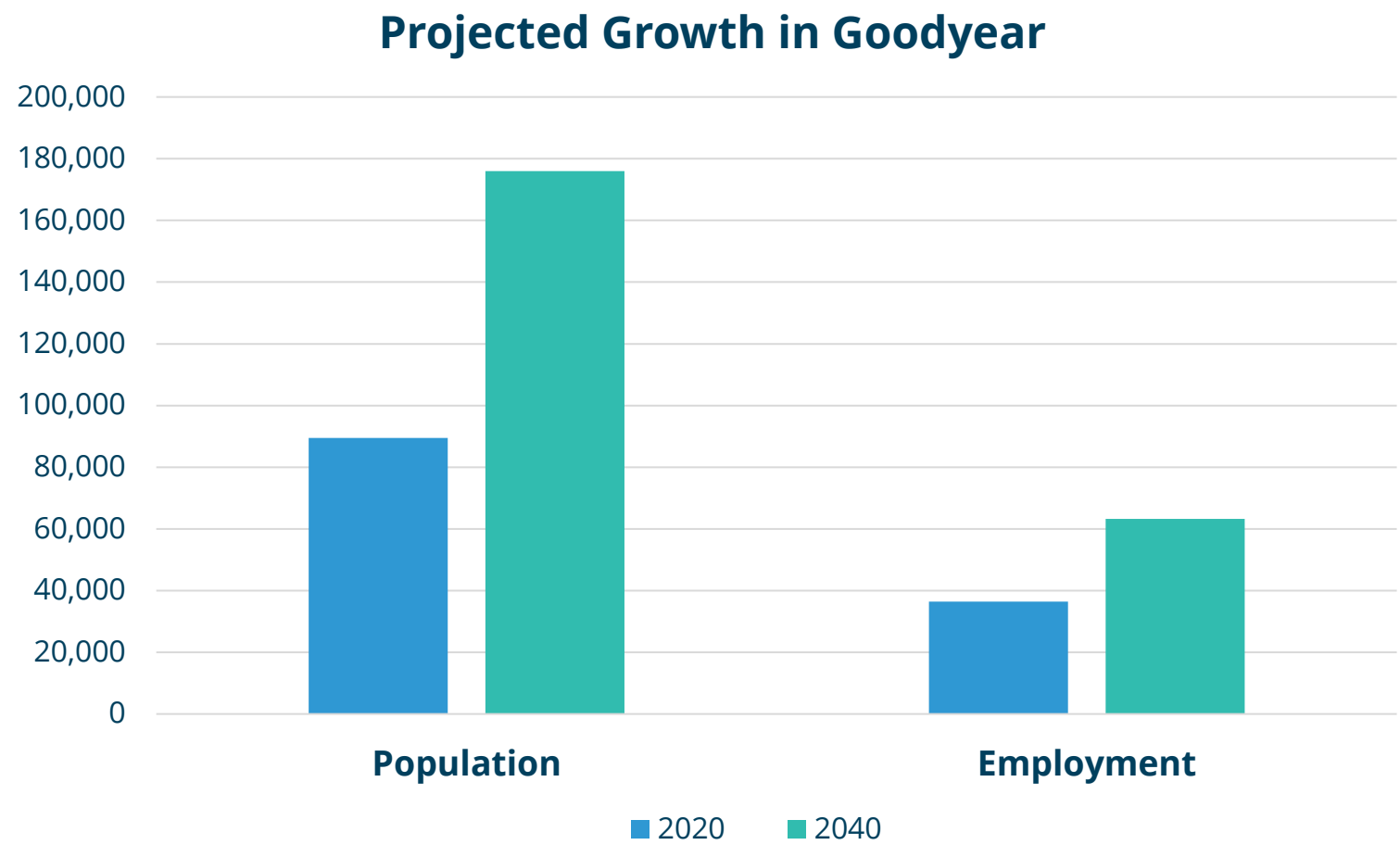


Sustained Growth

2021

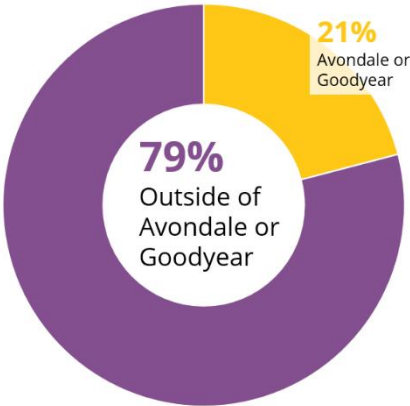


Sustained Growth

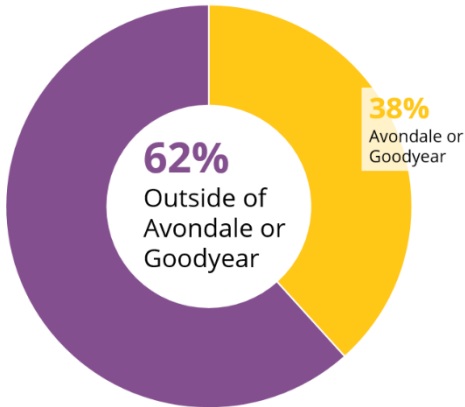


Regional Commute Patterns

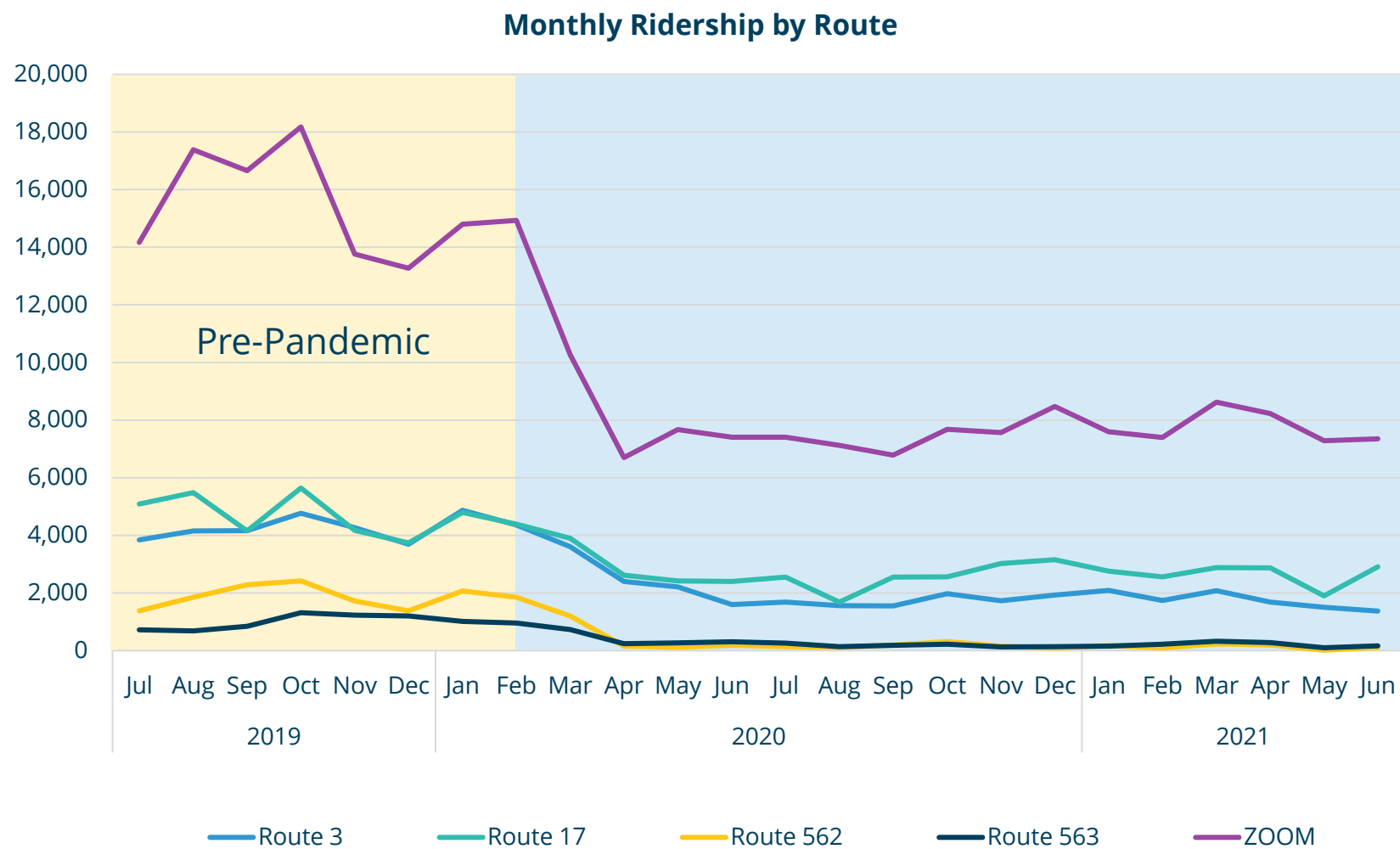
Where Residents
from Avondale
or Goodyear Work



Where Workers Who
Work in Avondale or
Goodyear Live



Recovering Transit Ridership



Unique Market Groups



Young adults



**Families without
vehicles**



Seniors



Employees



Commuters

Diverse Destinations



**Grocery, Retail, and
Entertainment**



Education



Town Center



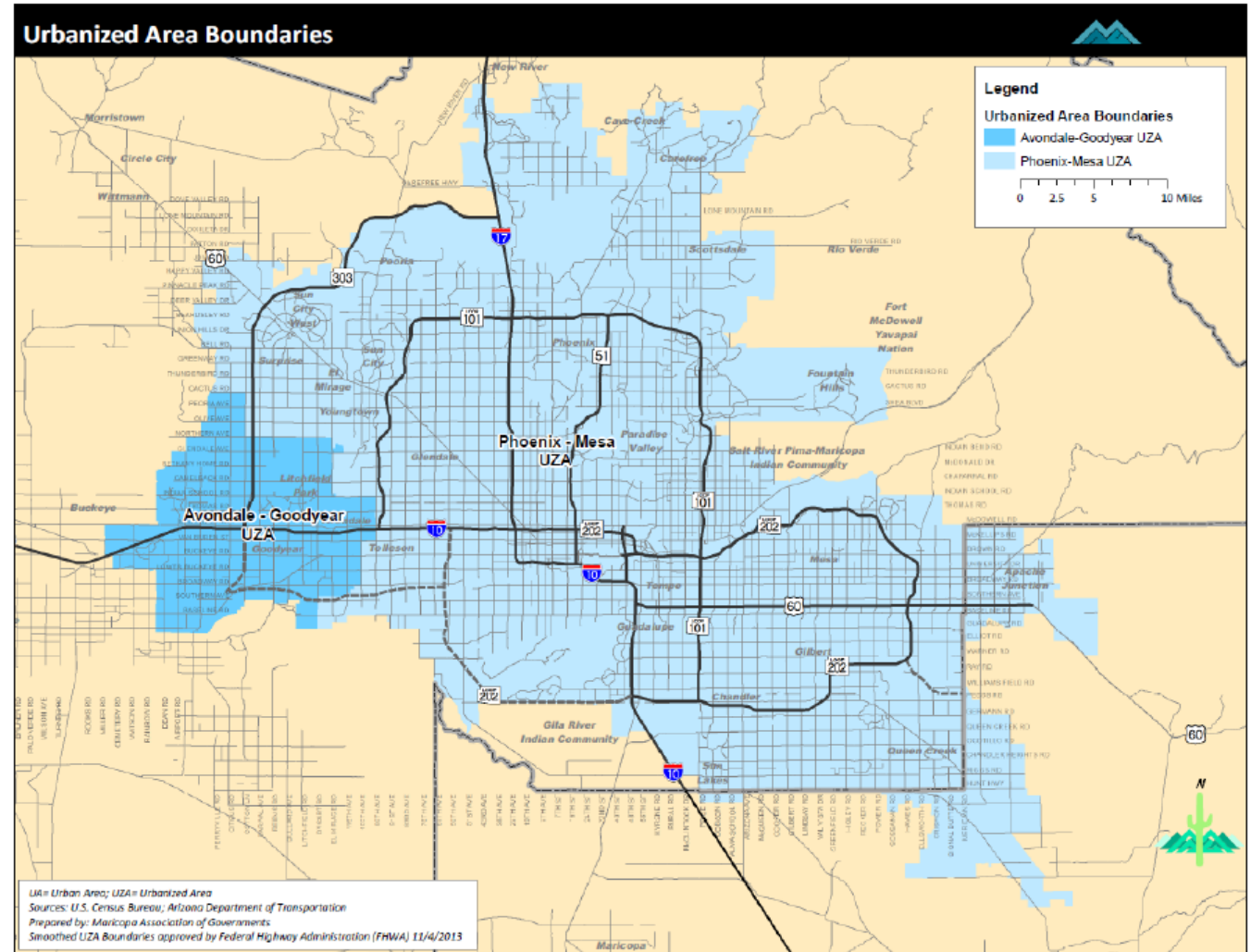
**Distribution
Centers**



**Parks and
Recreation**

Funding

- UZA status
- Prop 400



Changing Perceptions

- Focus on transportation equity
- Interest in on-demand service
- Attention to rider comfort



Rider/Community Feedback

- Strong interest in recommendations
 - Fixed-route upgrades
 - Microtransit
 - Flex route
 - Mobility hubs

More trips on route 562 to accommodate (pre-COVID) and future demand.

Extend routes further west. Later hours for buses.

Transit hubs should be more visible, and bike routes and facilities should be prioritized.

Do not want transit service in Goodyear. It brings other unwanted things to the area.

We have extremely little transit help in Estrella Mountain Ranch. Shared ride that doesn't cost a fortune would be nice.

Cover benches for all bus stops. It's AZ very hot.

Just need more options.

We need to expand our public transportation by a LOT! We are so far behind other areas.



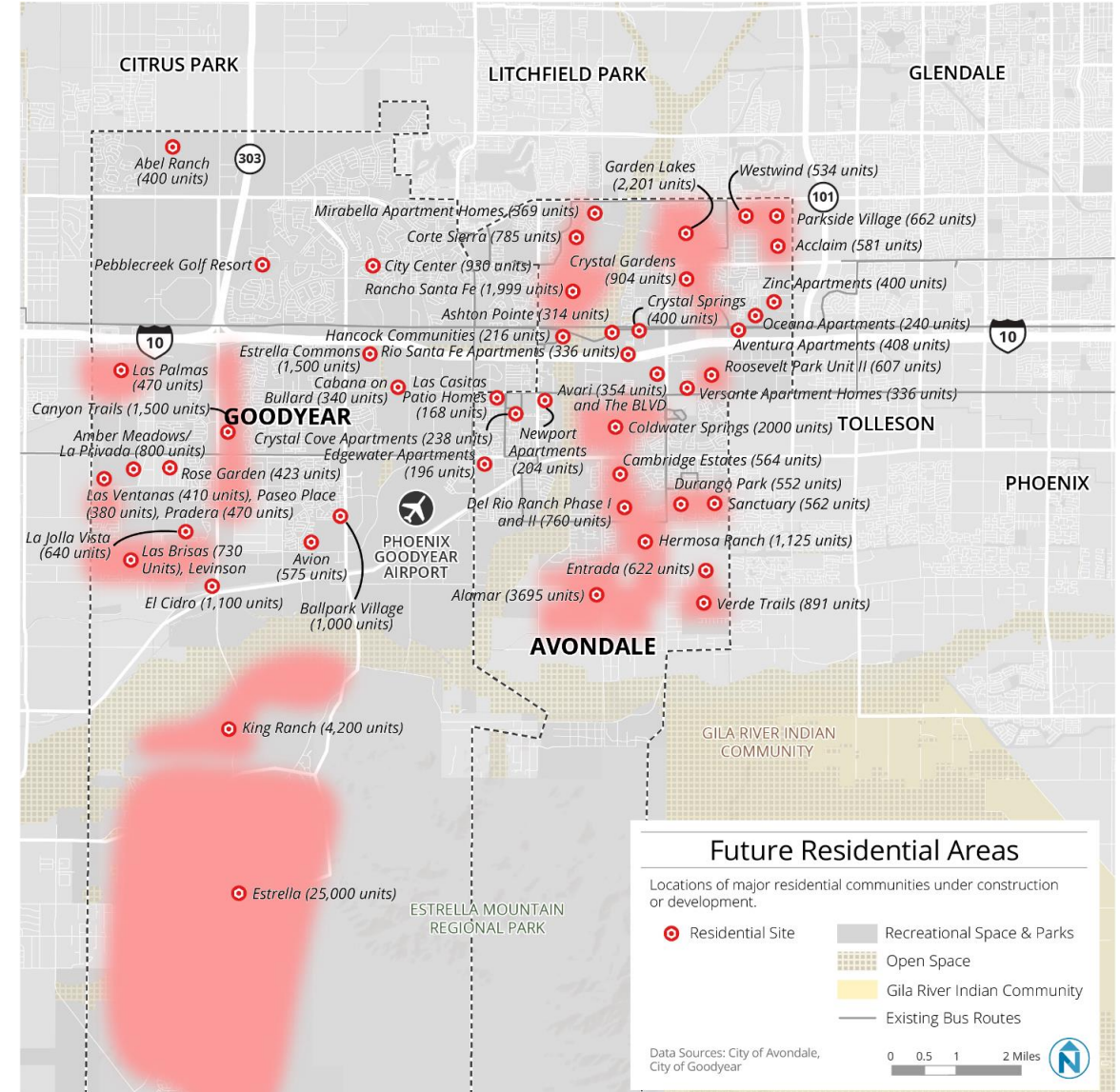
Stakeholder Feedback

- Improve access from low-income areas to basic needs and opportunities
- Partner with major employers to improve last-mile connections
- Serve new multi-family developments with transit
- Pursue non-traditional transit options
- Improve bike infrastructure to support transit



Foundation for Success

- Goodyear Park-and-Ride
- Planned residential growth
- Future Goodyear Civic Square

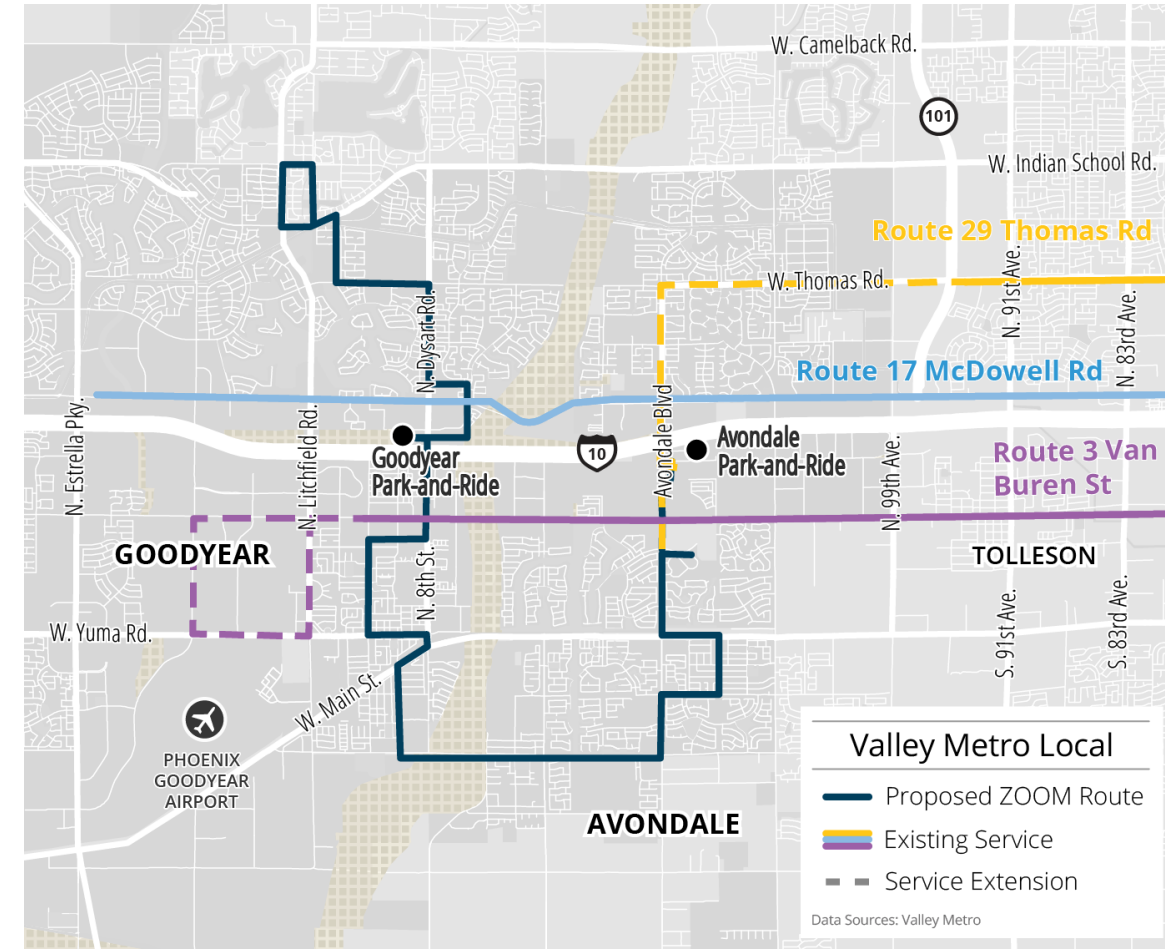


Recommendations



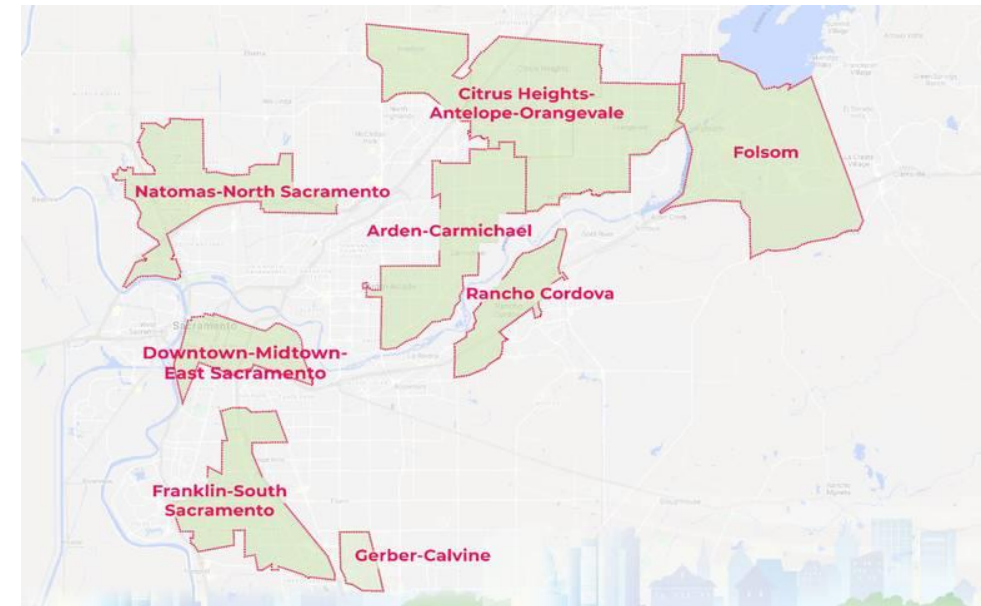
Fixed-Route Improvements

- Extend Valley Metro routes to improve regional connectivity and access to jobs
 - Route 3 Van Buren St
 - Route 29 Thomas Rd
- Add Sunday service
 - Route 17 McDowell Rd



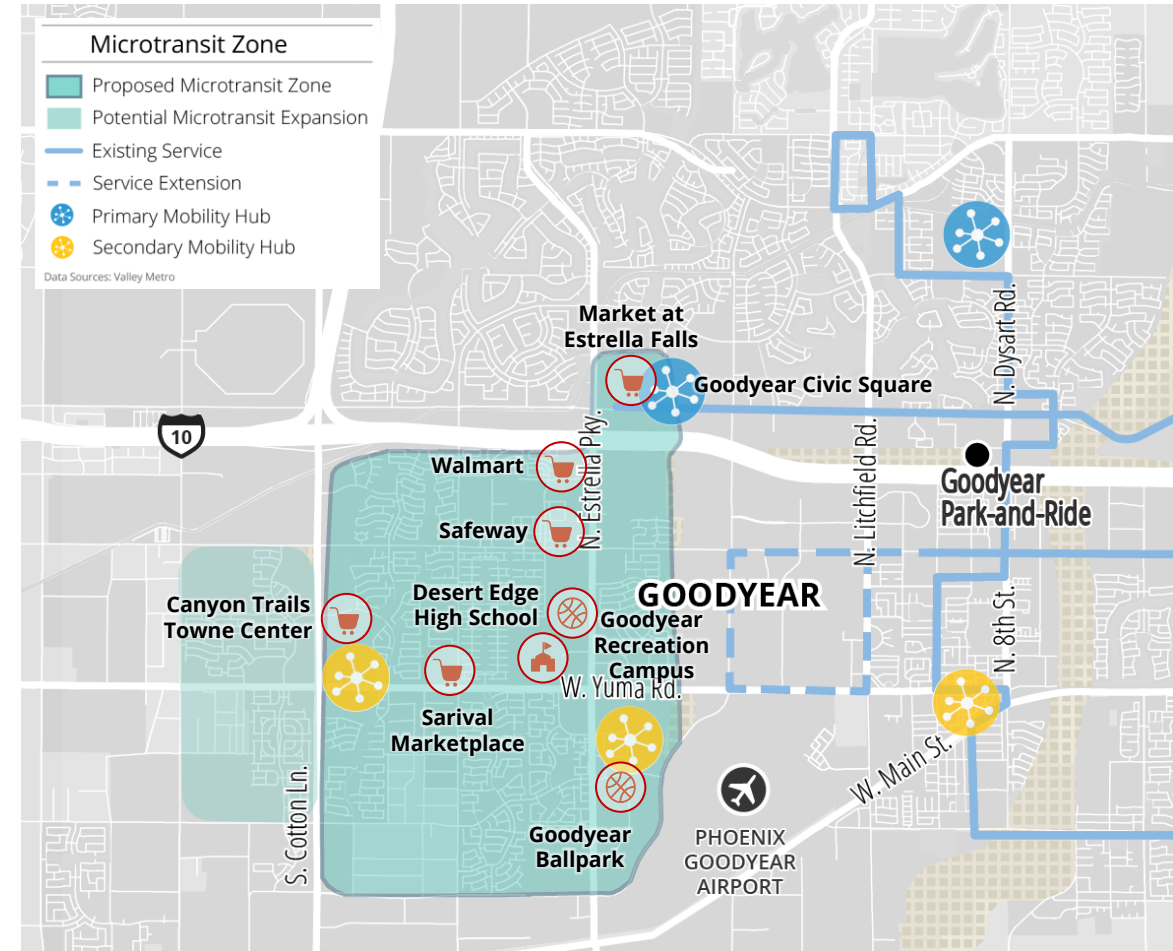
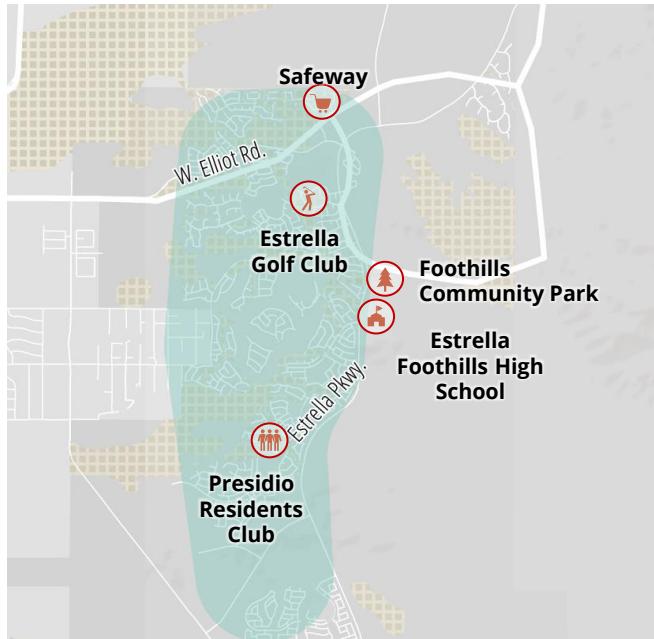
Microtransit

- Service operates with a specified area
- Riders typically request trips using a smartphone app like Lyft and Uber
- Trips are typically curb-to-curb
- Rides are usually shared with others traveling in the same general direction

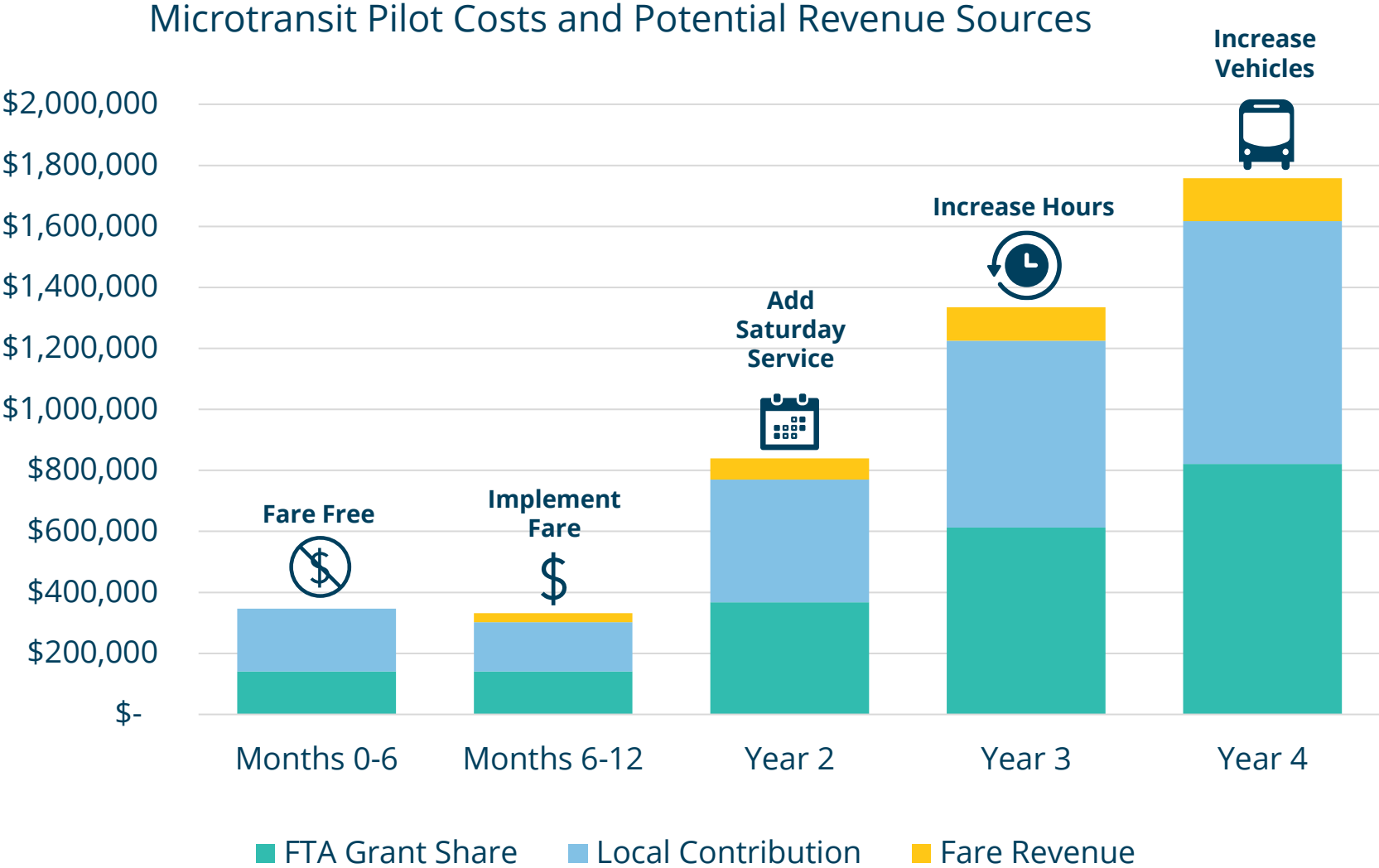


Microtransit Pilot

- Pilot microtransit in West Goodyear
 - Transit demand exists yet not sufficient for fixed-route service
- Expand service based on demand



Microtransit Pilot

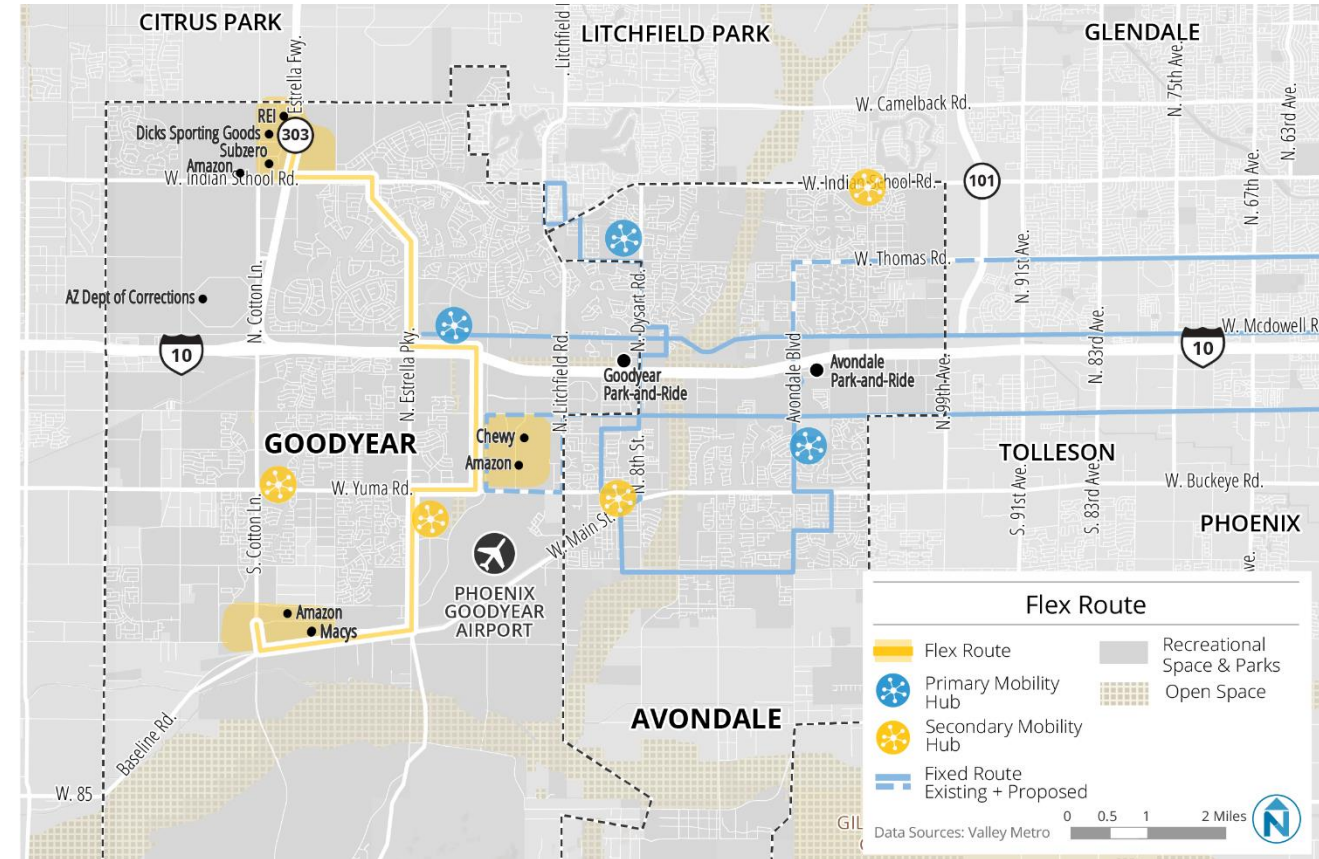


Microtransit Pilot

Phase	Timeframe	Days	Hours	Fare	Vehicles
1	0 – 6 months	Mon - FriSatSun	7 am – 7 pm	Free	3
2	6 months – 12 months	Mon - FriSatSun	7 am – 7 pm	\$2.00	3
3	Year 2	Mon - FriSatSun	7 am – 7 pm	\$2.00	3
4	Year 3	Mon - FriSatSun	6 am – 8 pm	\$2.00	4
5	Year 4	Mon - FriSatSun	6 am – 8 pm	\$2.00	5

Flex Route Pilot

- Partner with major employers to pilot a flex route to business parks
- Focus on peak hours and shift changes



Mobility Hubs

Mobility hubs are facilities that connect multiple transportation modes, such as:

- Walking
- Cycling
- Transit
- Microtransit
- E-bikes and/or e-scooters
- Vanpools and carpools
- Rideshare
- Taxis



Bus Stop Amenities



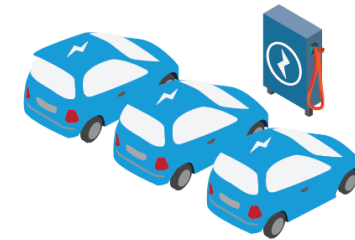
Bike Racks



Bike/Scooter Share



Car Share



EV Charging Station



Lockers

Mobility Hubs

Primary Mobility Hubs

- Estrella Mountain Community College
- Avondale Civic Center
- Goodyear Civic Square*

Secondary Mobility Hubs

- N 107th Avenue & W Indian School Road
- Old Town Avondale (Western Ave)
- Goodyear Ballpark
- Canyon Trails Towne Center



Proposed Goodyear Ballpark Mobility Hub

GOODYEAR BALLPARK

A

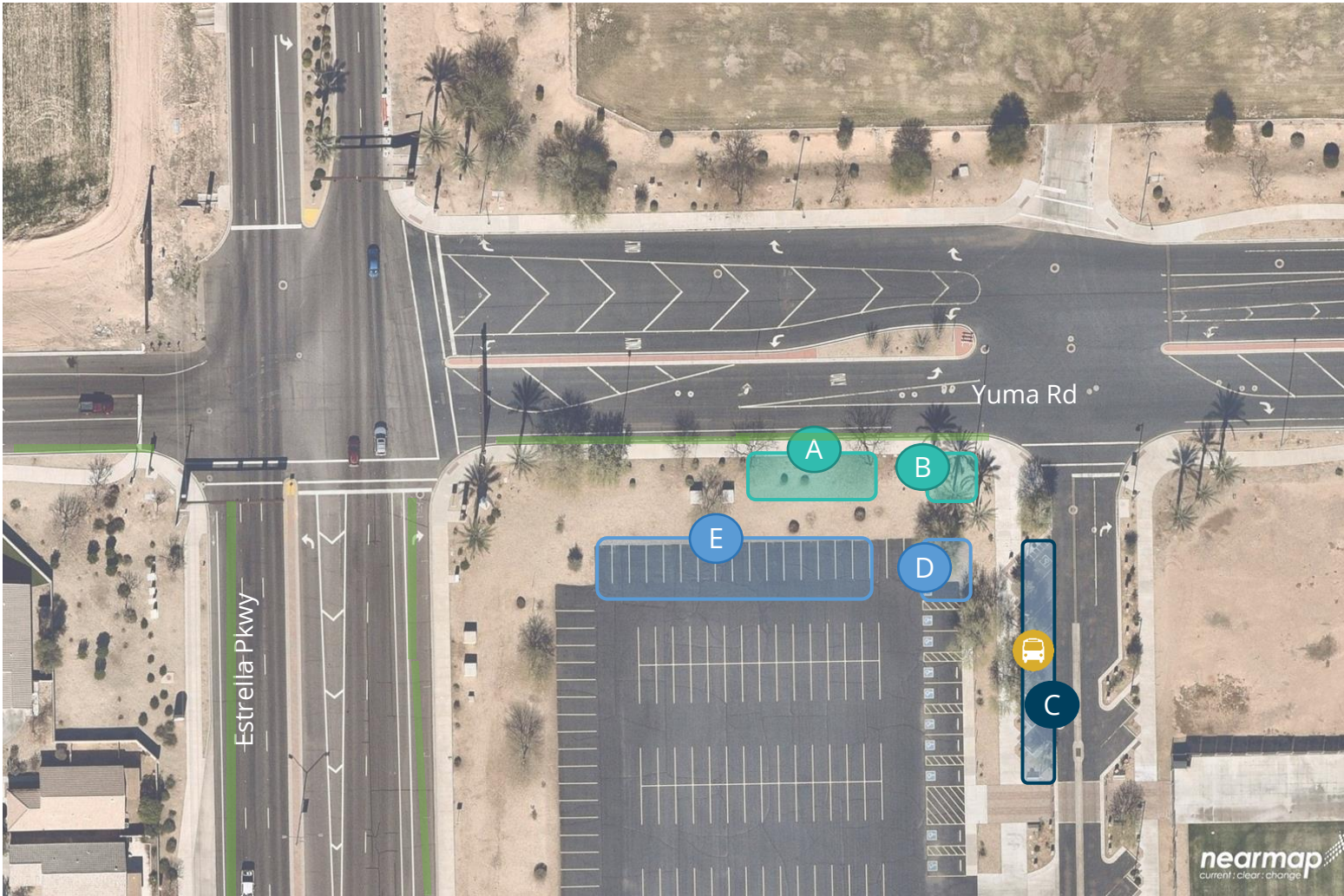


Bike/Scooter share

B



Bike Racks



C

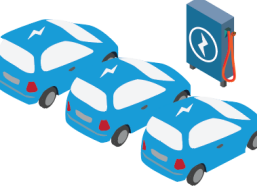
Proposed Flex Route Pick-up/Drop-off Point

D



Car Share

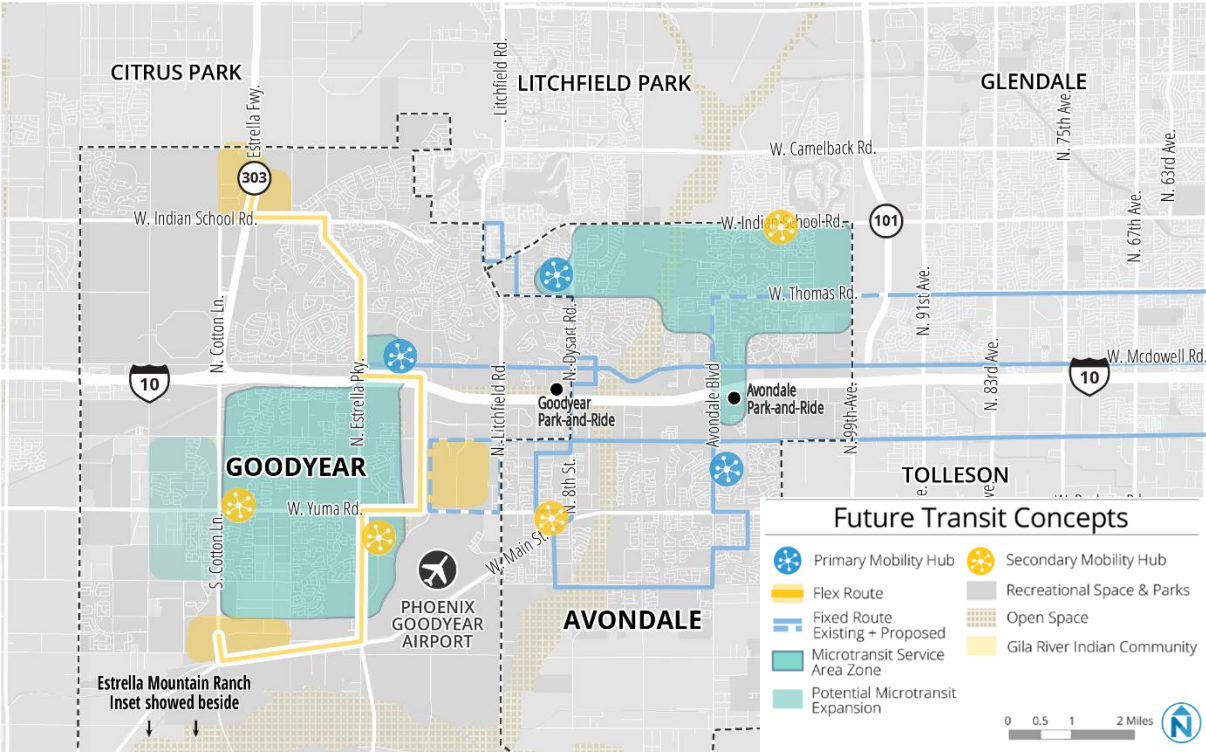
E



EV Charging Station

Recommendations

Investment Type	Recommendation
Improvements to Existing Transit Services	Extend Valley Metro Route 3
	Extend Valley Metro Route 29
	Upgrade Valley Metro Routes 3 and 17
New Transit Services	Goodyear Microtransit
	Goodyear Flex Route
	Estrella Mountain Ranch Microtransit
New Capital Facilities	Goodyear Civic Square Mobility Hub
	Canyon Trails Mobility Hub
	Goodyear Ballpark Mobility Hub



Recommendations Phasing

Investment Type	Recommendation	Immediate Priority (2022-2023)	Medium-Term Priority (2024-2029)	Long-Term Priority (2030-2040)
Improvements to Existing Transit Services	Extend Valley Metro Route 3			
	Extend Valley Metro Route 29			
	Upgrade Valley Metro Route 17			
New Transit Services	Goodyear Microtransit			
	Goodyear Flex Route			
	Estrella Mountain Ranch Microtransit			
New Capital Facilities	Goodyear Civic Square Mobility Hub			
	Canyon Trails Mobility Hub			
	Goodyear Ballpark Mobility Hub			



**Great! But
what will it
cost?**



Service Recommendations

ESTIMATED COSTS AND POTENTIAL FUNDING SOURCES

Recommendation	FY 2023 Annual Operating Cost	Federal		State	Regional	Local		
		FTA 5307 AZGY UZA 2022-2023	FTA 5307 PHX UZA 2023+	AZ Lottery	Sales Tax 2025+	General Fund / Tax	Fares	Other
Extend Valley Metro Route 3	\$700,000	✓		✓	✓	✓	✓	✓
Extend Valley Metro Route 29	\$1,400,000	✓		✓	✓	✓	✓	✓
Upgrade Valley Metro Route 17	\$800,000	✓		✓	✓	✓	✓	✓
Goodyear Microtransit	\$1,000,000	✓				✓	✓	✓
Goodyear Flex Route	\$1,650,000	✓				✓	✓	✓
Estrella Mountain Ranch Microtransit	\$500,000	✓				✓	✓	✓

Capital Recommendations

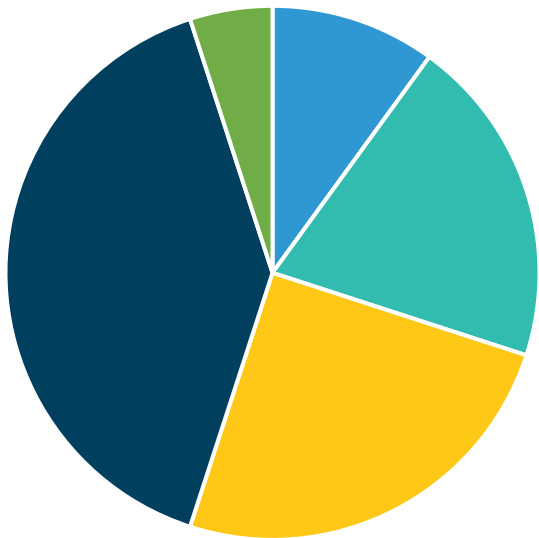
ESTIMATED COSTS AND POTENTIAL FUNDING SOURCES

Recommendation	Approximate Capital Cost	Federal			State	Regional	Local	
		FTA 5307 AZGY UZA 2022-2023	FTA 5307 PHX UZA 2023+	FTA 5339	AZ Lottery	Sales Tax 2025+	General Fund / Tax	Other
Goodyear Civic Square Mobility Hub	\$400,000	✓	✓	✓	✓	✓	✓	✓
Canyon Trails Mobility Hub	\$200,000	✓	✓	✓	✓	✓	✓	✓
Goodyear Ballpark Mobility Hub	\$200,000	✓	✓	✓	✓	✓	✓	✓

Service Recommendations

POTENTIAL FUNDING SOURCES

Traditional Funding Sources for Microtransit and/or Flex Routes



Federal State Regional General Fund Fares

Diversified Funding Sources for Microtransit and/or Flex Routes



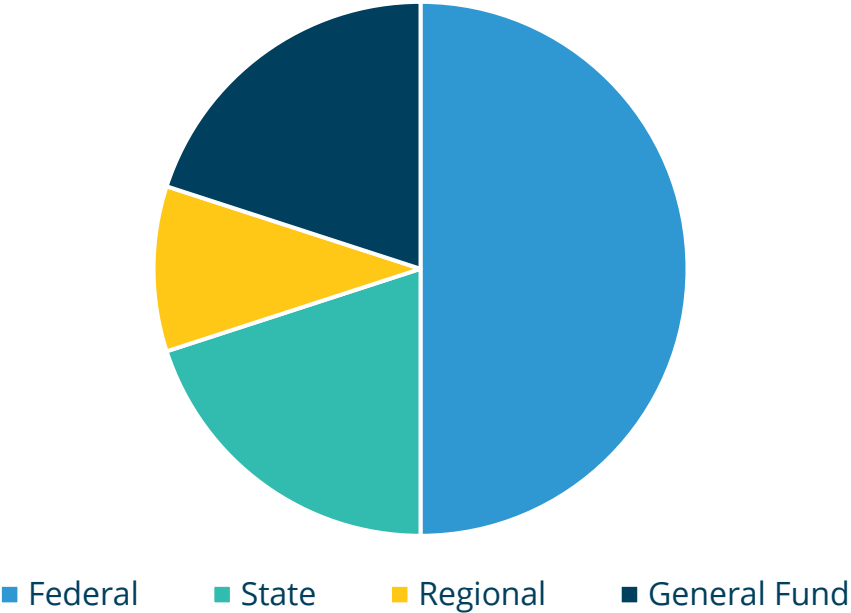
Federal State Regional General Fund
Fares Local Tax Partnerships



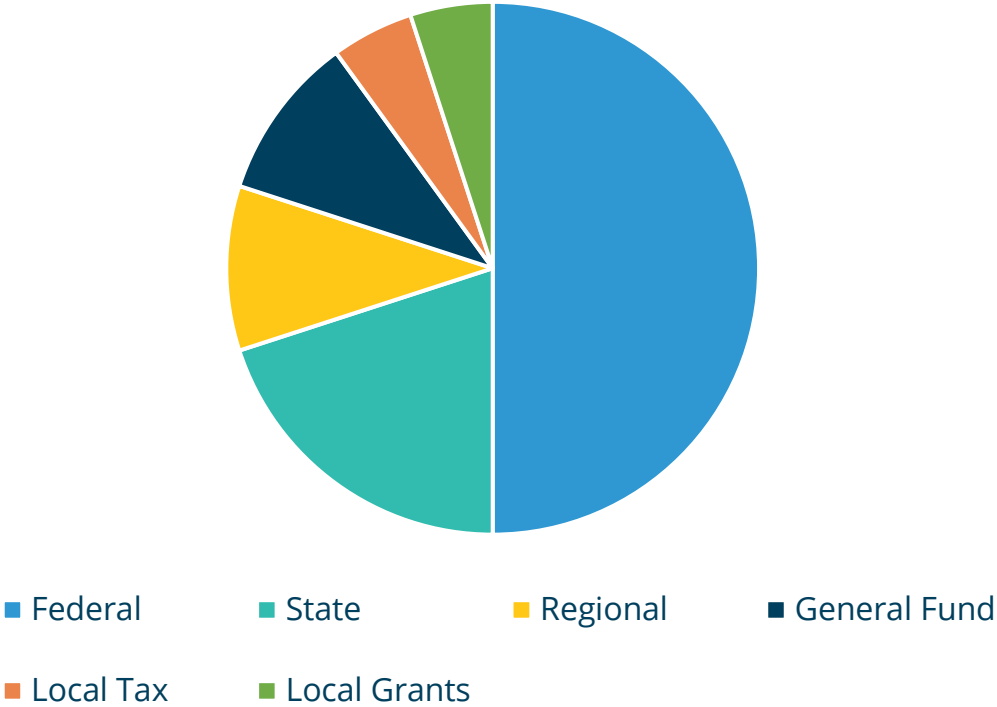
Capital Recommendations

POTENTIAL FUNDING SOURCES

Traditional Funding Sources for Mobility Hubs



Diversified Funding Sources for Mobility Hubs



Questions?

