

# Building What's Next: **MOMENTUM 2050** and the Extension of Proposition 400

AzTA Conference | November 16, 2021  
Maricopa Association of Governments

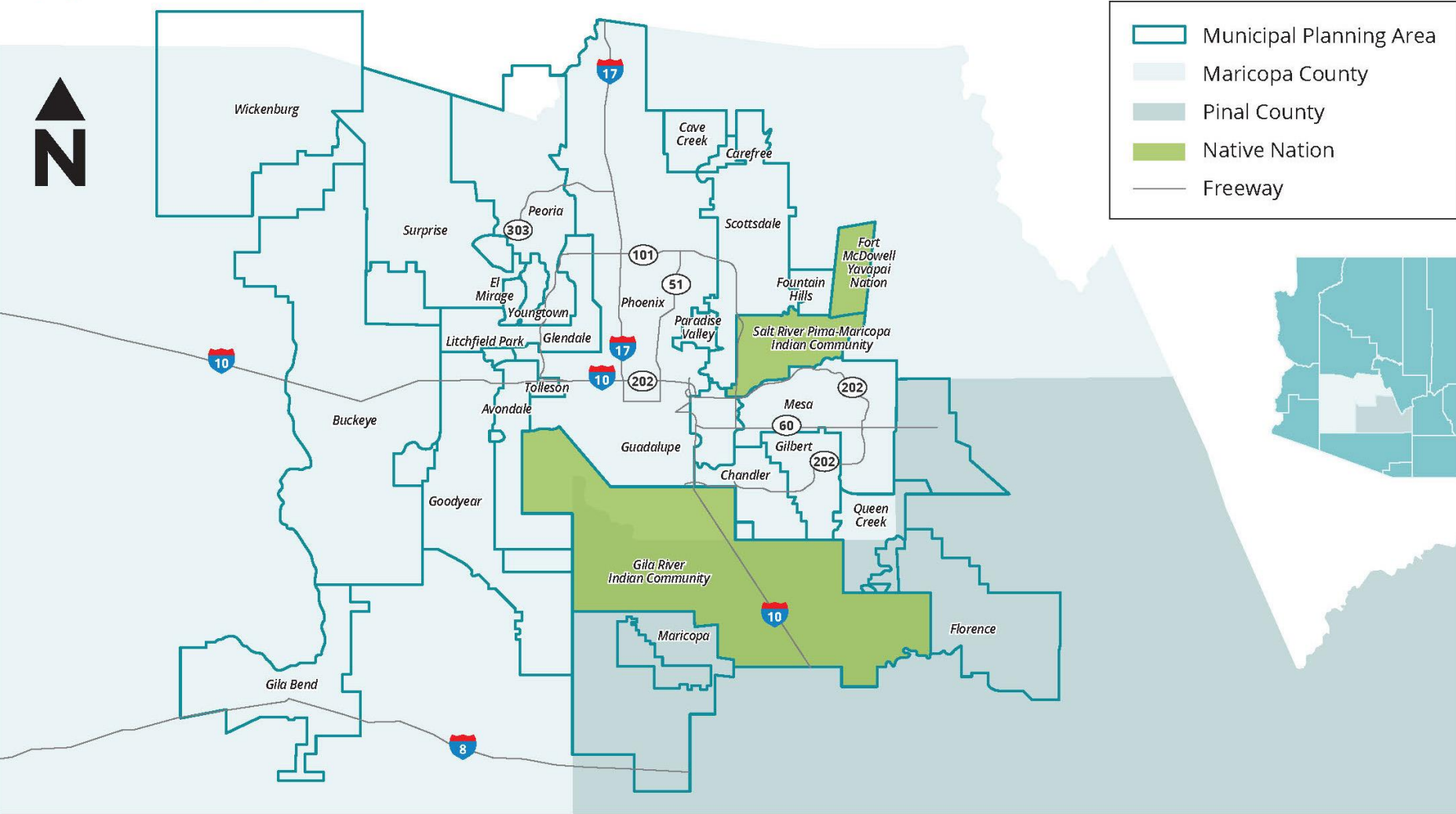




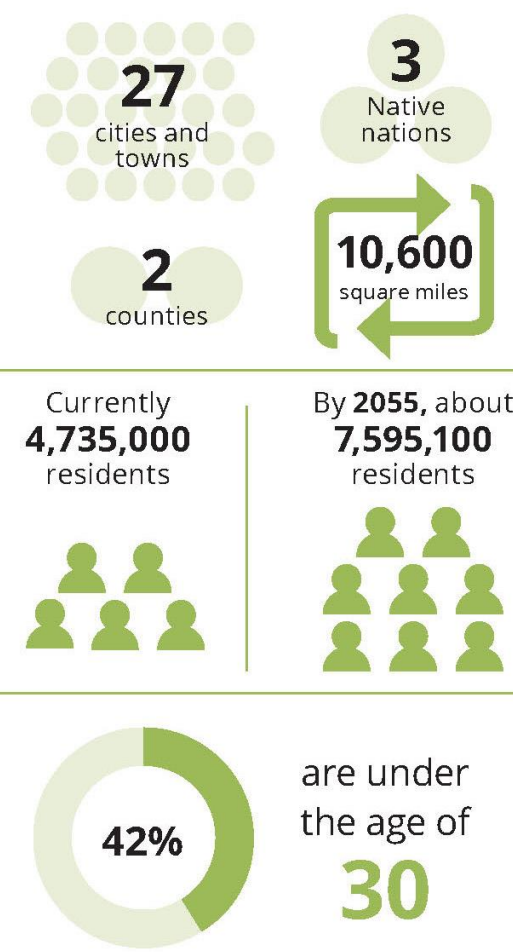
# Today's Presentation

- Introduction to MAG
- Peer Region Analysis
- Public Feedback and Polling
- Building a regional transportation plan (RTP)
  - Performance-based process
  - Proposed investment plan
- Next Steps

Map of MAG Member Agencies

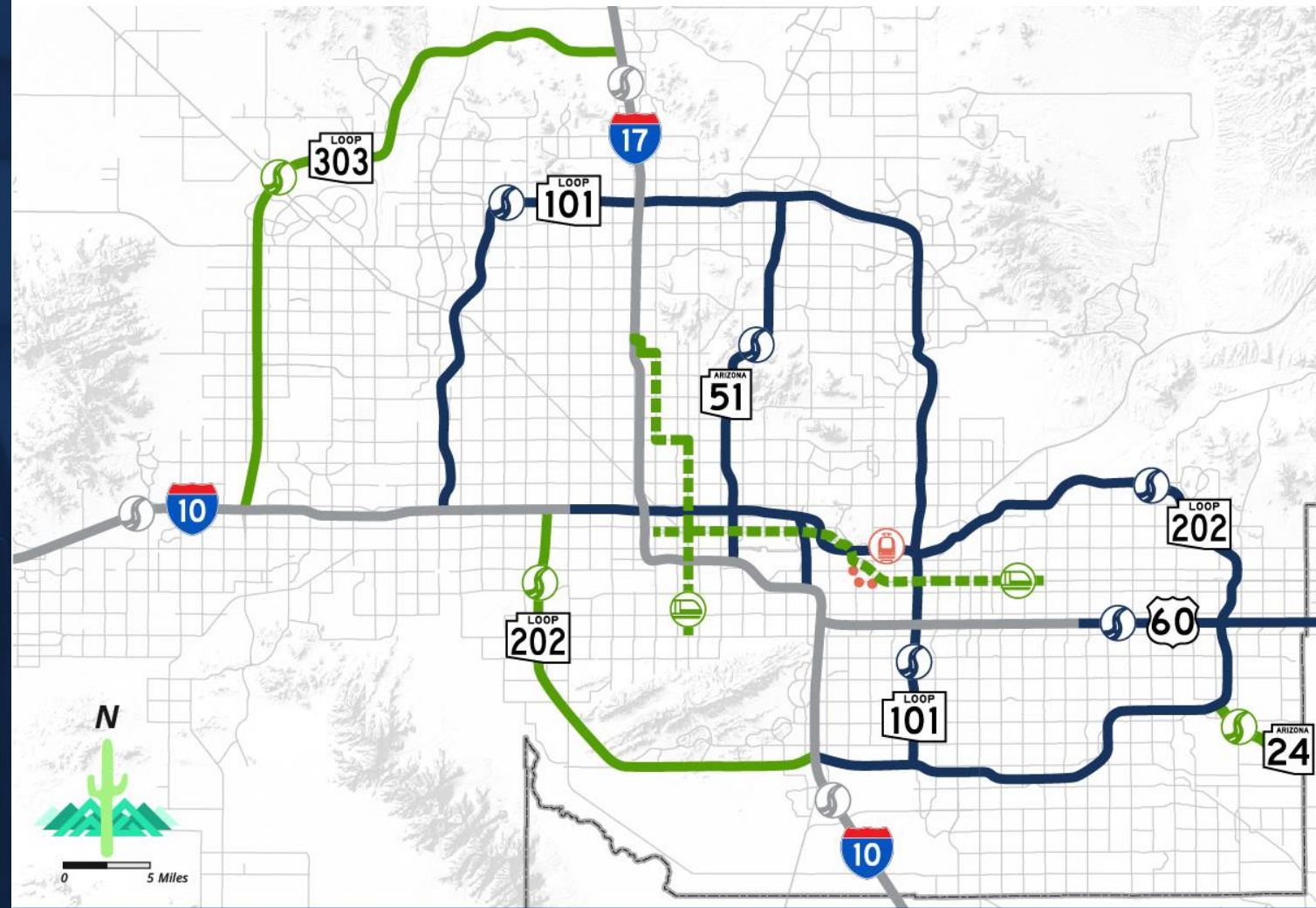


**MAG region by the numbers:**



# How Propositions 300 and 400 Have Shaped the Valley

Voters passed Proposition 300 in 1985 and Proposition 400 in 2004, which have played a large part in shaping the region.



## Legend

**Existing Freeways  
(Pre-1986)**

 Freeways

**Prop 300  
(1986-2005)**

 Freeways

**Prop 400  
(2006-2025)**

 Freeways

 Light Rail

 Streetcar

# Why it matters

## Maricopa County Transportation Existing System Benefit

Freeways reduce  
average travel  
time by

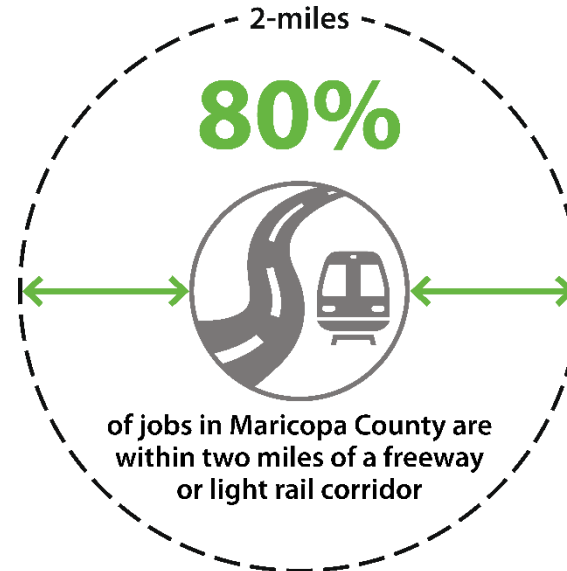


**25%**

*Maricopa Association of Governments 2020*

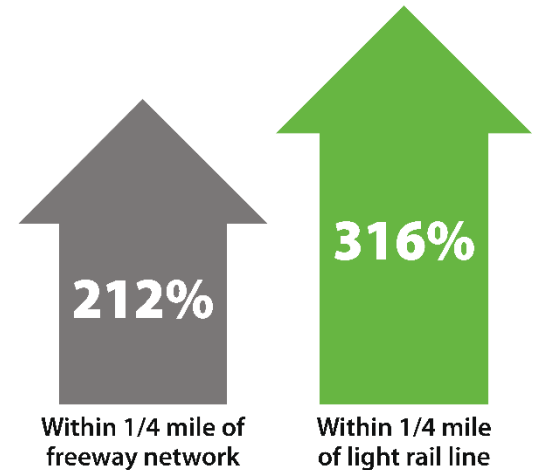
**105**  
hours  
saved

from traffic each  
year per driver



*2019 MAG Socioeconomic Projections*

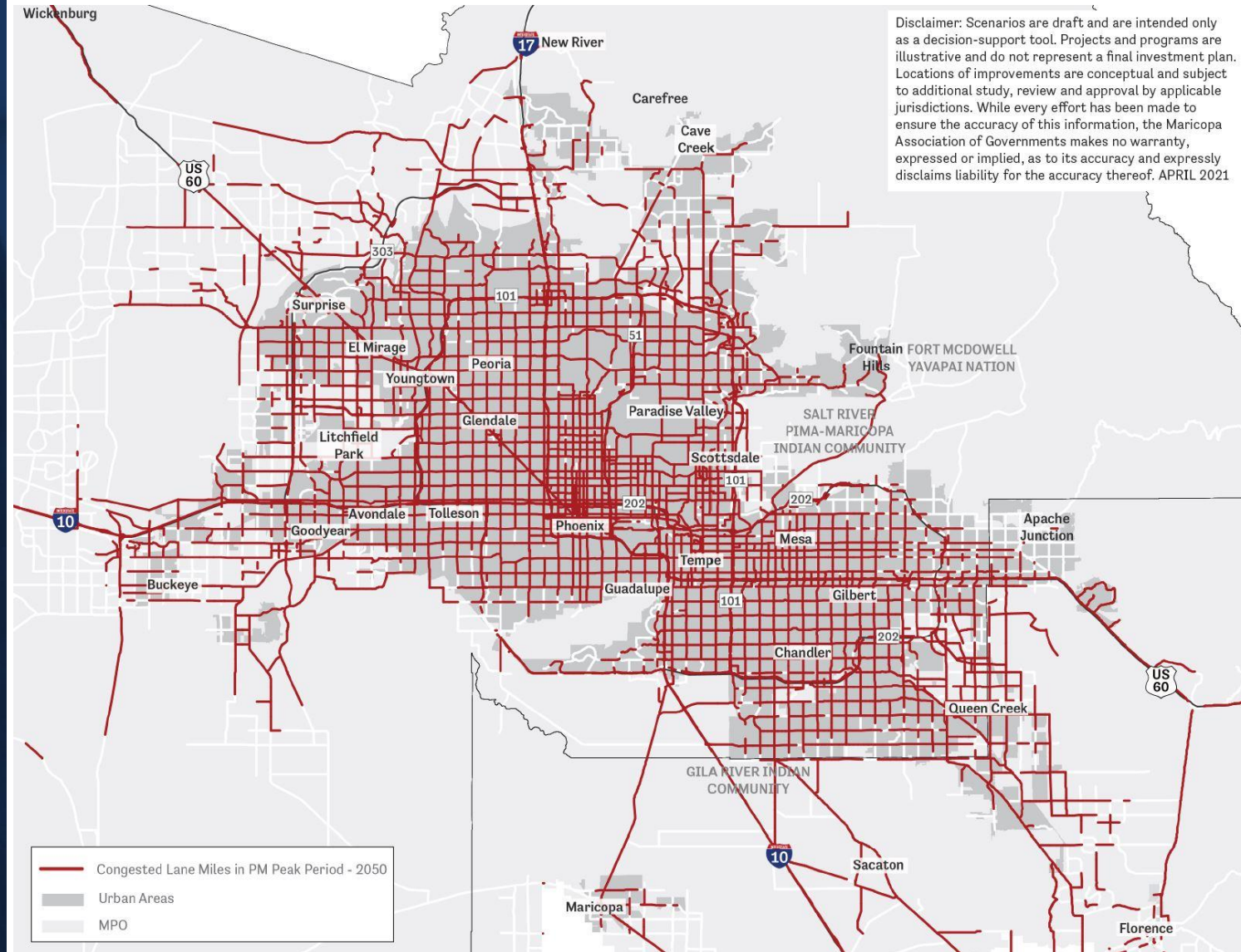
## 2000-2019 Property Value Appreciation in Maricopa County



*2000 – 2019 Maricopa County Assessor data*

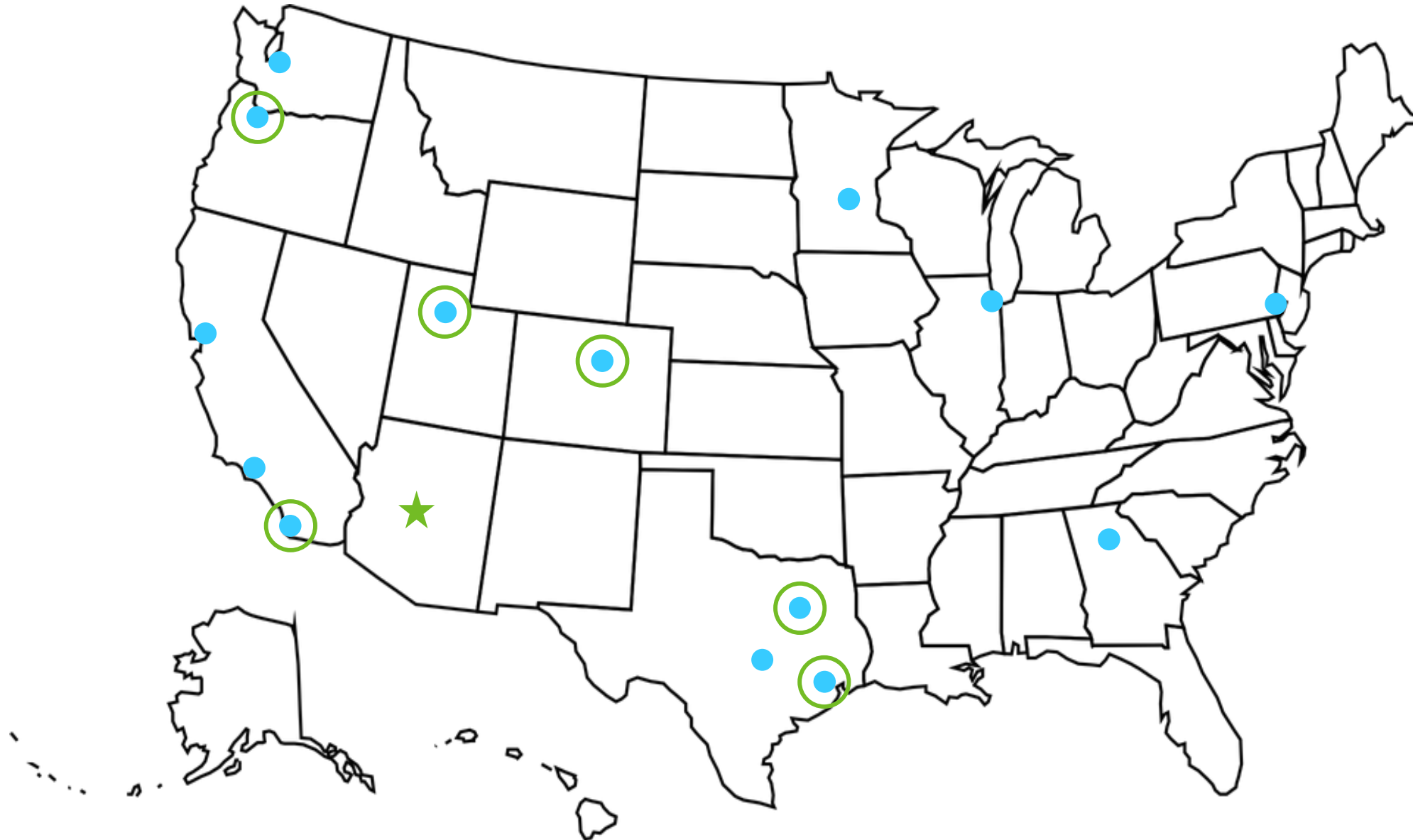
# The Cost of Doing Nothing

Standing Still in 2050 Afternoon Congestion



# Peer Region Analysis

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● Peer Regions Analyzed

○ Valley Metro Peer Transit Authorities



# Total Per Capita Revenue by Peer Agency

(Annualized in YOE Dollars)



Source: MAG RTP 2020-2040 Update, NCTCOG RTP 2018-2045, HGAC RTP 2020-2045, WFRC RTP 2019-2050, SANDAG RTP 2019-2050, CAMPO RTP 2020-2045

\*\*does not include 2020-approved property tax, bond

# Peer Agency Regional or County Taxes

	NCTCOG	SANDAG	SCAG	Metropolitan Council
<b>Tax Type</b>	Sales	Sales	Sales	Property
<b>Tax Amount</b>	<ul style="list-style-type: none"><li>- Two 0.5% sales taxes combined up to 1%</li><li>- 1% DART – Transit Sales Tax</li></ul>	<ul style="list-style-type: none"><li>- 0.5%</li></ul>	<ul style="list-style-type: none"><li>- Four 0.5% sales taxes totaling 2%</li></ul>	<ul style="list-style-type: none"><li>- 1.6%</li></ul>
<b>Applicability</b>	<ul style="list-style-type: none"><li>- Most cities within NCTCOG boundary have at least one sales tax</li><li>- DART contributing agencies</li></ul> <p><i>Texas state regulations limit the amount of additional local sales taxes (2%) any one agency within the state can implement.</i></p>	San Diego County; funding must be used for projects in TransNet-specific Plan.	LA County; each funding initiative has specified focus areas the funding can be spent on.	Region-wide; primarily used to fund transit debt and projects.

San Diego  
Metropolitan Transit  
System (MTS)  
*postponed* November  
2022 0.5% transit tax

# Peer Agency Transit Sales Tax

Does not include other taxes (property, income, etc.)

	MAG	PSRC	MTC	DRCOG	WFRC
Sales Tax Amount	0.17% sales tax	1.4% sales tax	0.5% sales tax	1.0% sales tax	Salt Lake County 2.5% sales tax
Agency that Controls Funds	Valley Metro	Sound Transit	BART and MTC	RTD	UTA
Applicability	Maricopa County	Sound Transit District	Alameda, Contra Costa, and San Francisco counties	Regional Transportation District	Salt Lake City County
	ARC	CAMPO	HGAC	NCTCOG	CMAP
Sales Tax Amount	1.0% sales tax	1.0% sales tax	1.0% sales tax	1.0% sales tax	1.25% tax in Cook County and 0.75% in DuPage, Kane, Lake, McHenry, and Will counties
Agency that Controls Funds	MARTA	Capital Metro	<b>Capital Metro 8.75% property tax PASSED November 3, 2020</b>	DART	Regional Transportation Authority
Applicability	Fulton, Clayton and DeKalb counties	Jurisdictions of all member agencies		Jurisdictions of all member agencies	Cook, DuPage, Kane, Lake, McHenry, and Will counties

# Total Transit Operating Costs by Funding Source, FY19-FY22

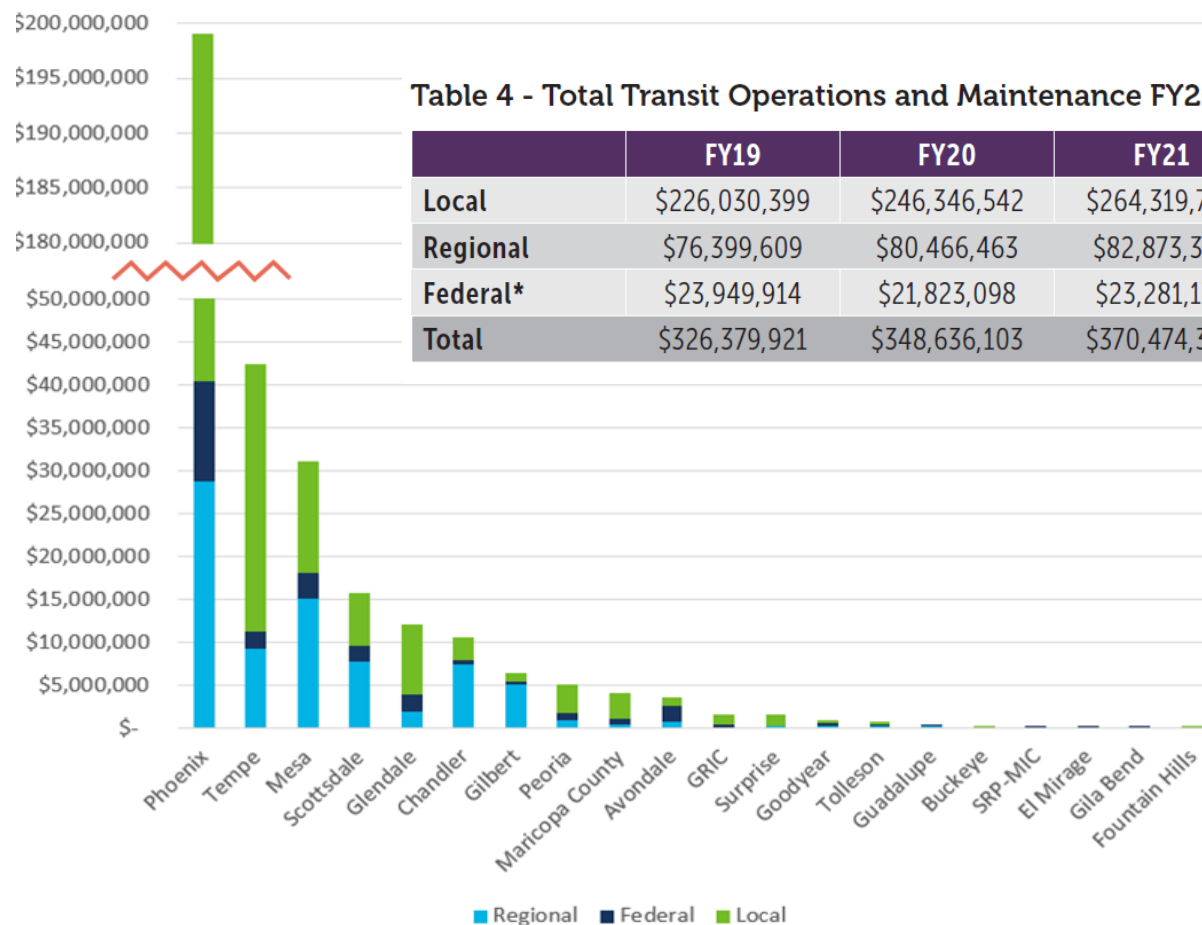


Table 4 - Total Transit Operations and Maintenance FY2019-2022

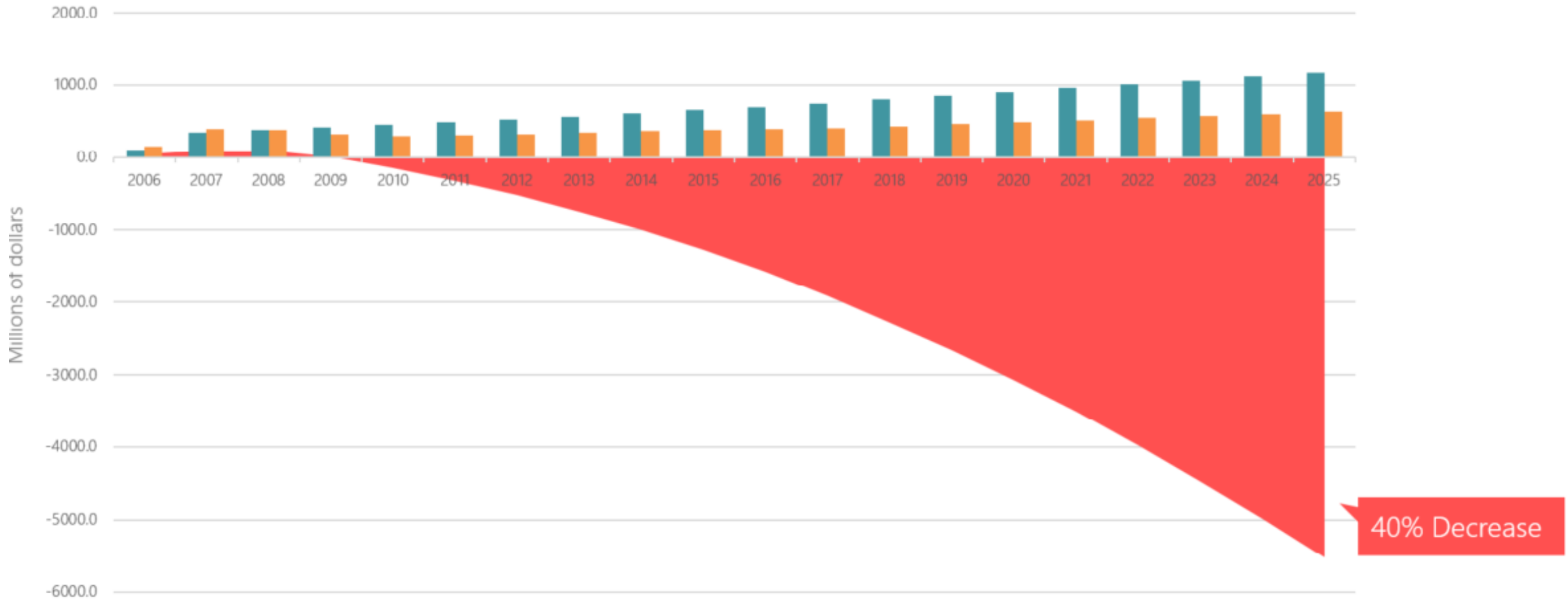
	FY19	FY20	FY21	FY22	TOTAL	% OF TOTAL
Local	\$226,030,399	\$246,346,542	\$264,319,798	\$274,167,968	\$1,010,864,707	70.68%
Regional	\$76,399,609	\$80,466,463	\$82,873,397	\$87,152,715	\$326,892,185	22.86%
Federal*	\$23,949,914	\$21,823,098	\$23,281,173	\$23,290,291	\$92,344,476	6.46%
Total	\$326,379,921	\$348,636,103	\$370,474,368	\$384,610,974	\$1,430,101,368	100.00%

Local funding is inclusive of LTAF II funding distributions to jurisdictions

Data Source: Valley Metro Transit Service Inventory FY 2019 – FY 2022

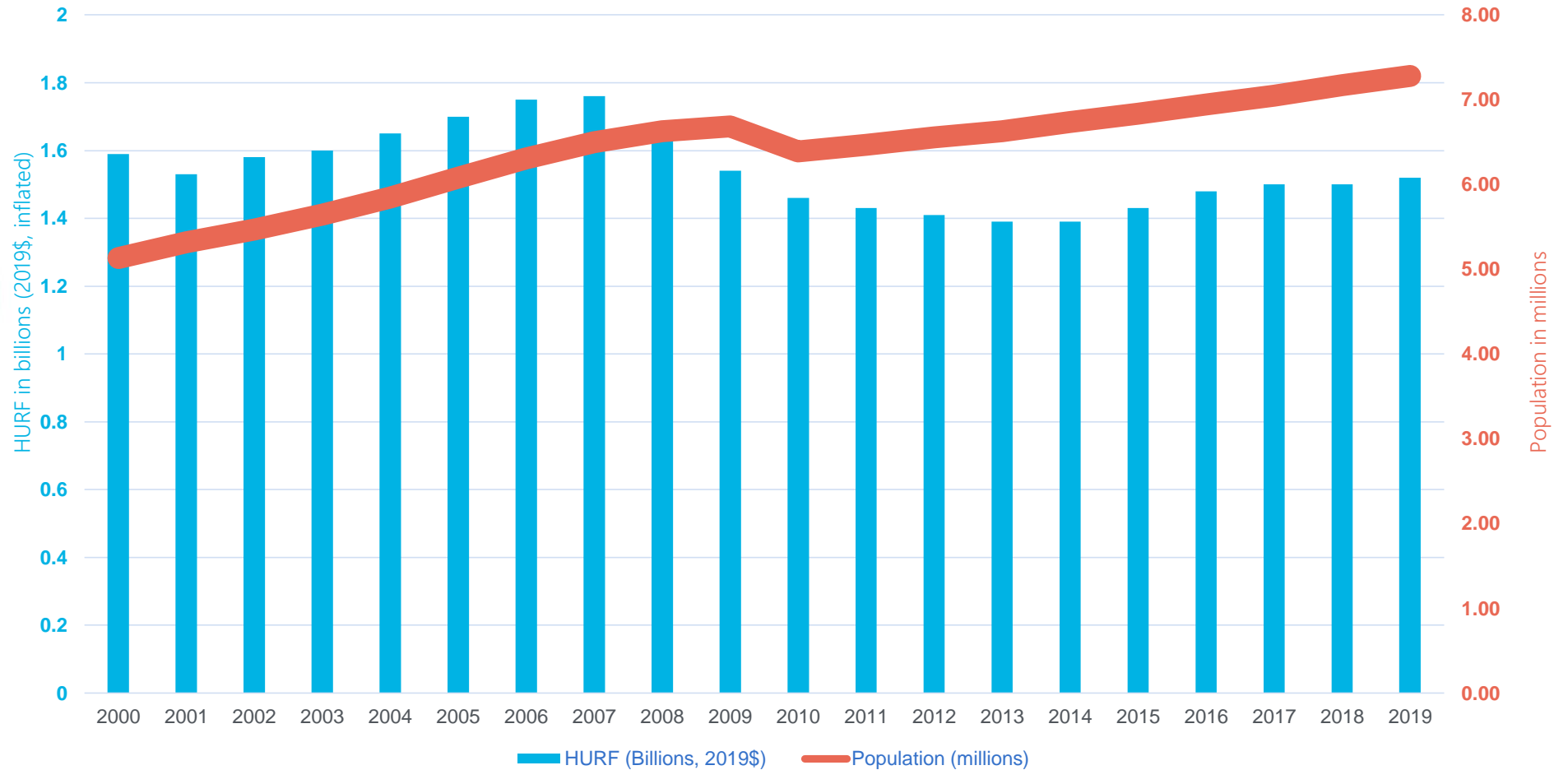
# Prop 400 Revenues Projections

## Cumulative Difference (Original vs. Current)



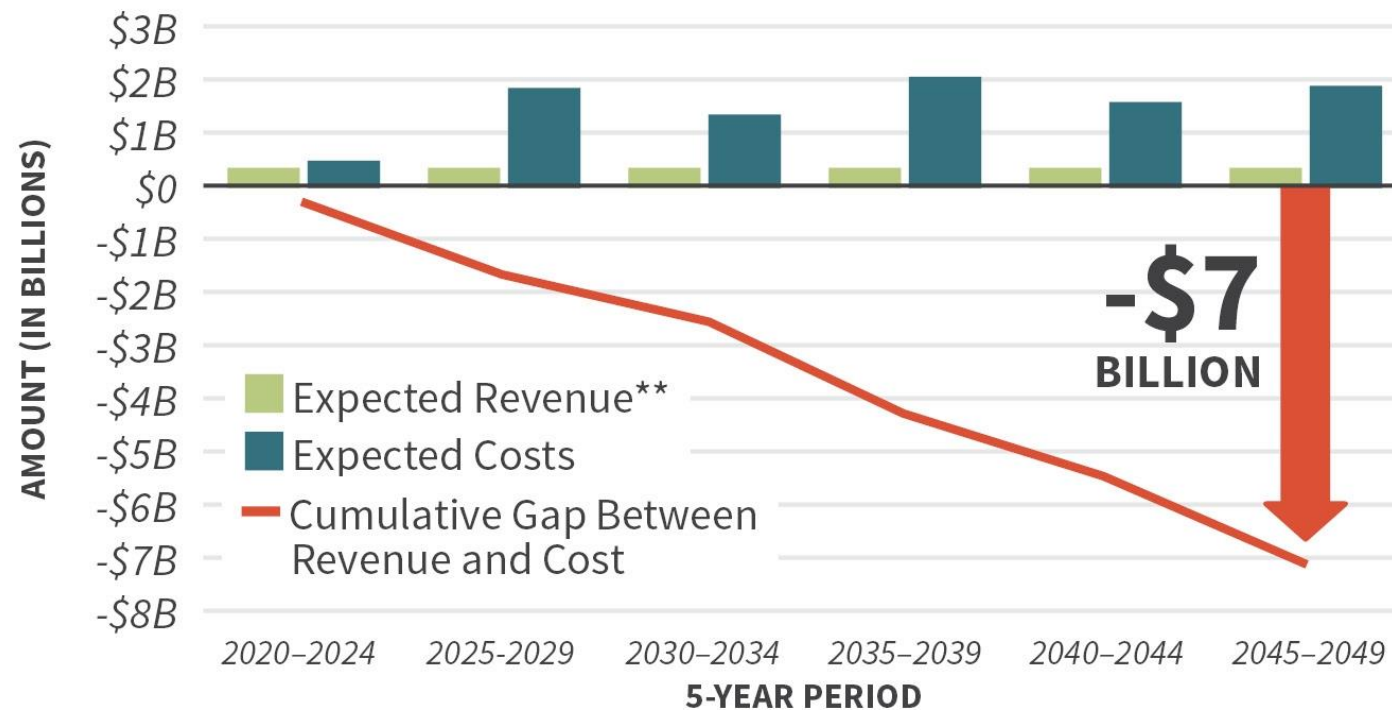
# Highway User Revenue Fund Collections

(total statewide collections, 2019\$)



# Maintenance – Freeway/Highway

*Cumulative Gap Between Expected Revenue  
and Maintenance Costs (2020-2049)*



**⚠ If the level of maintenance spending does not increase from 2015-2019 levels, it is expected there will be a cumulative revenue shortfall of more than \$7 billion by 2049 to address expected maintenance needs in Maricopa County.**

*\*\*Based on 2015-2019 costs*

# Public Feedback

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# Values Mapping (2019)

## Key Takeaways

- Having a **vision** for transportation in this region is very important. There's high support for the work our region has been and is doing.
- People in the region like how it was built. They love their communities and value that transportation investments have been made to connect them to where they need and want to go providing **choice**, **mobility**, and **connectivity**.
- Constituents support shifting to a long-range program that **provides flexibility** to modify priorities based on changing circumstances and technologies.
- There is tremendous **support for increased funding** for transportation in this region—a distinctly higher amount of support than in other parts of the country.

# Regional Transportation Plan Goals

## SAFETY



Provide for the safety and security of pedestrians, bicyclists, riders and drivers.

## MOBILITY



Ensure ease of movement for people and goods throughout the region, providing equitable and appropriate access to essential services and destinations.

## RESPONSIVENESS



Expand travel choices that accommodate future growth and are flexible in adapting to changing needs and innovations.

## LIVABILITY



Invest in a transportation system that supports health and well-being, and sustains the environment.

## PRESERVATION



Maintain our region's transportation infrastructure to protect existing investments for the future.

## PROSPERITY



Support economic competitiveness and growth through strategic transportation investments.

“Throwback Thursday”

“Options”

“Growth”

Our Momentum Plan

Published by Nora Kish · December 17, 2020 ·

#ThrowbackThursday to construction of the Broadway Curve. Growth in the Valley has always meant expanding our travel choices. (Photo credit: Arizona Department of Transportation)

What do you think our transportation needs will be for the next 20 years and beyond? Tell us below!

18,240 People Reached

2,070 Engagements

Boosted on Dec 17, 2020 By Nora Kish

Completed

People Reached 15.6K Post Engagement 1.7K

View Results

Richard Abalos, Kevin Hempel and 487 others · 39 Comments · 80 Shares

Our Momentum Plan

Sponsored (demo) ·

Being able to go where you want, when you want, is invaluable. What transportation options are important to you? Tell us at [ourmomentumplan.com](https://ourmomentumplan.com).

I have autism, so going out can cause me a lot of anxiety... But with the light rail, I can get on the train and relax knowing that it will go where I need to and will show up when I need it.

—Valley Resident

OURMOMENTUMPLAN.COM

Join the Conversation

Learn More

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4 Comments

Our Momentum Plan

Sponsored (demo) ·

Maricopa County is the fastest growing county in the country - and we want to get a head start on that growth by planning NOW. How can we create a better future for the Valley? Tell us at [ourmomentumplan.com](https://ourmomentumplan.com)

OURMOMENTUMPLAN.COM

Building What's Next

Learn More

17

64 Comments · 8 Shares

# Early Phase Input (2020): Key Themes

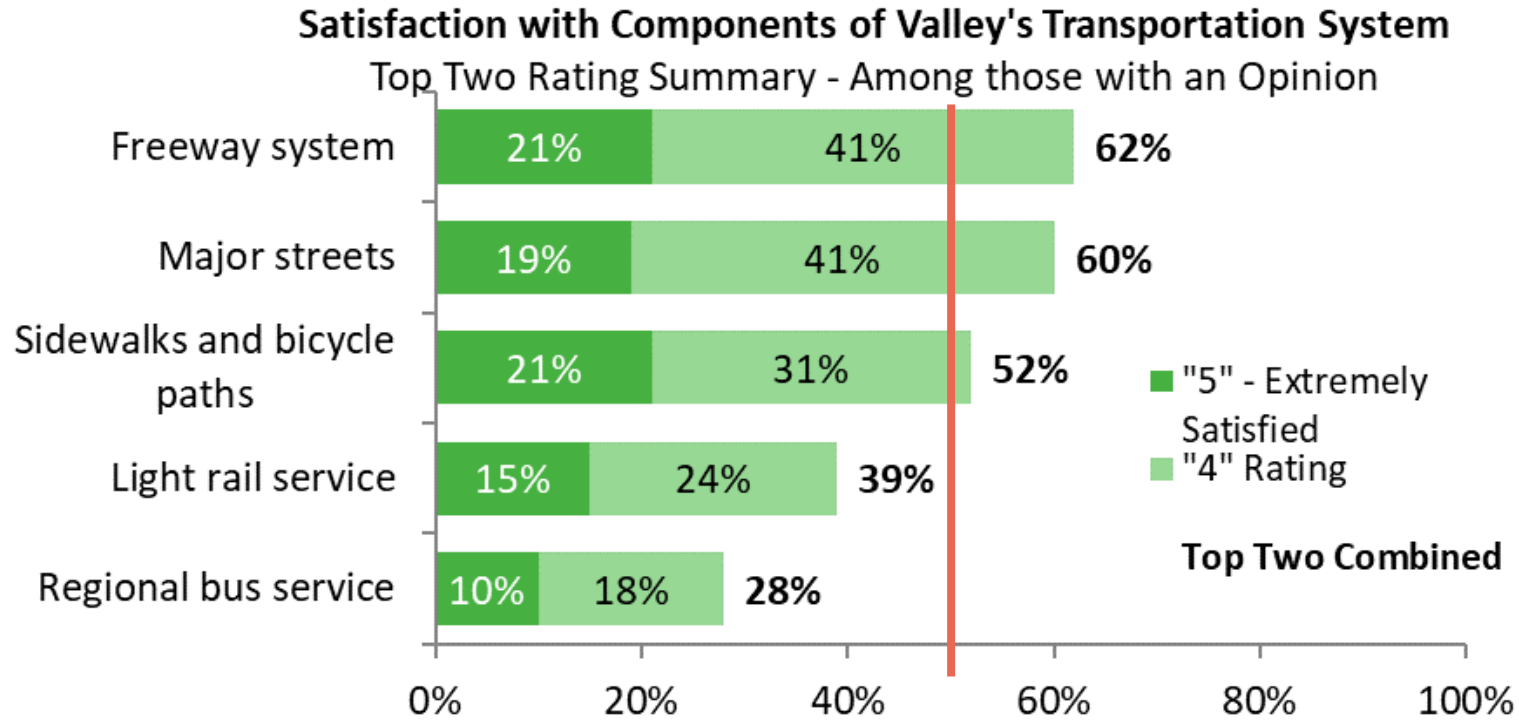
- The desire for **expanded transportation options**, particularly improved coverage and convenience of transit and active transportation modes.
- **Recognition of future growth and the need for flexible strategic investments** that support the economy and provide equitable and appropriate access based on growth.
- The importance of **protecting, preserving and maintaining** transportation investments for a safe, reliable and comfortable transportation experience.
- The **high value of safety** for all modes, especially for vulnerable users.
- An aspiration to invest in a transportation system that is **sustainable, protects the environment and supports public health**.



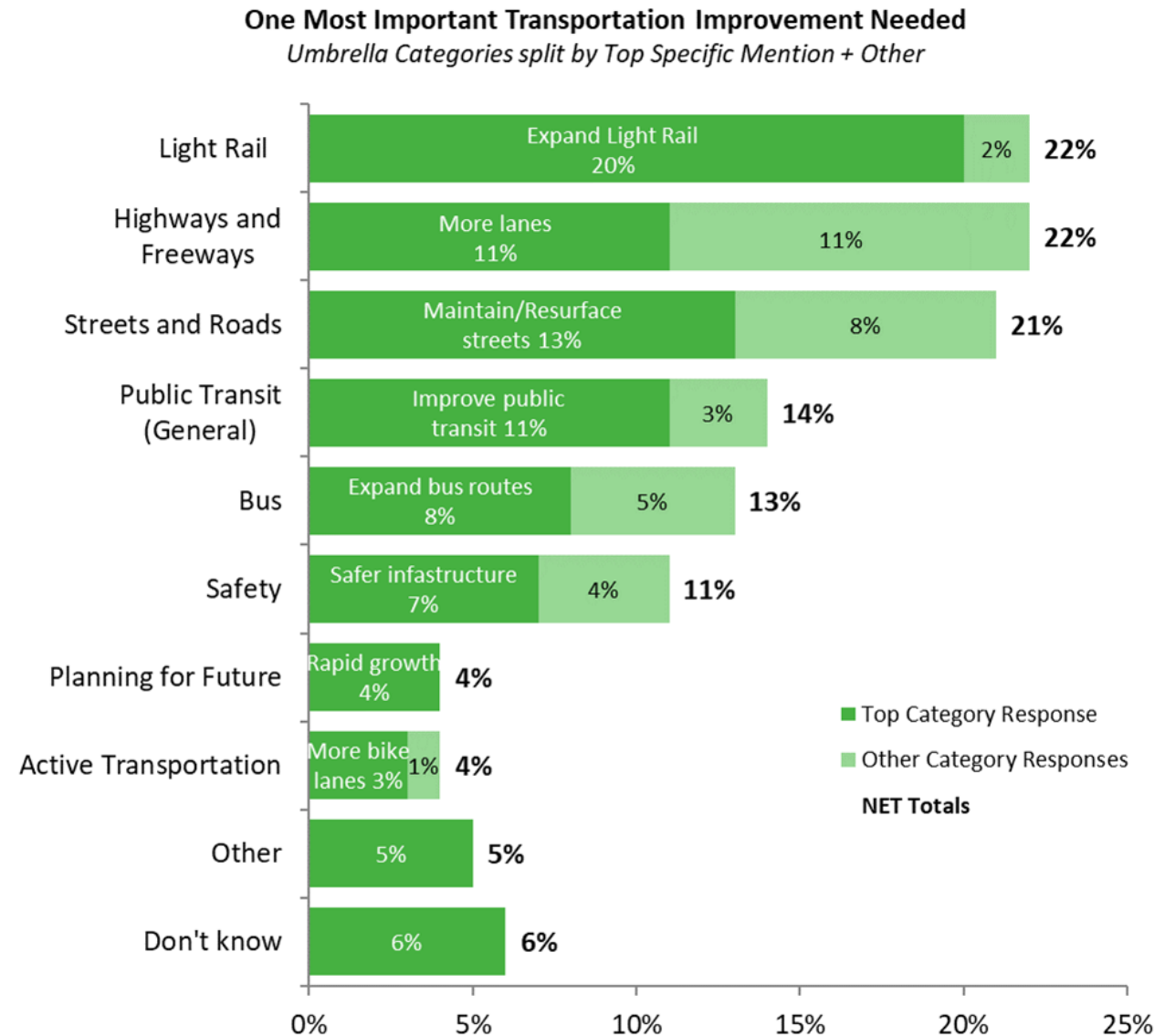
# Survey Overview (2021)

- Survey was conducted in January and February 2021.
- Sample of 1,032 likely voters in Maricopa County; margin of error  $\pm 3.1\%$  at the 95% confidence level.
- Landline, cellphone and an online panel were used to ensure a representative sample.

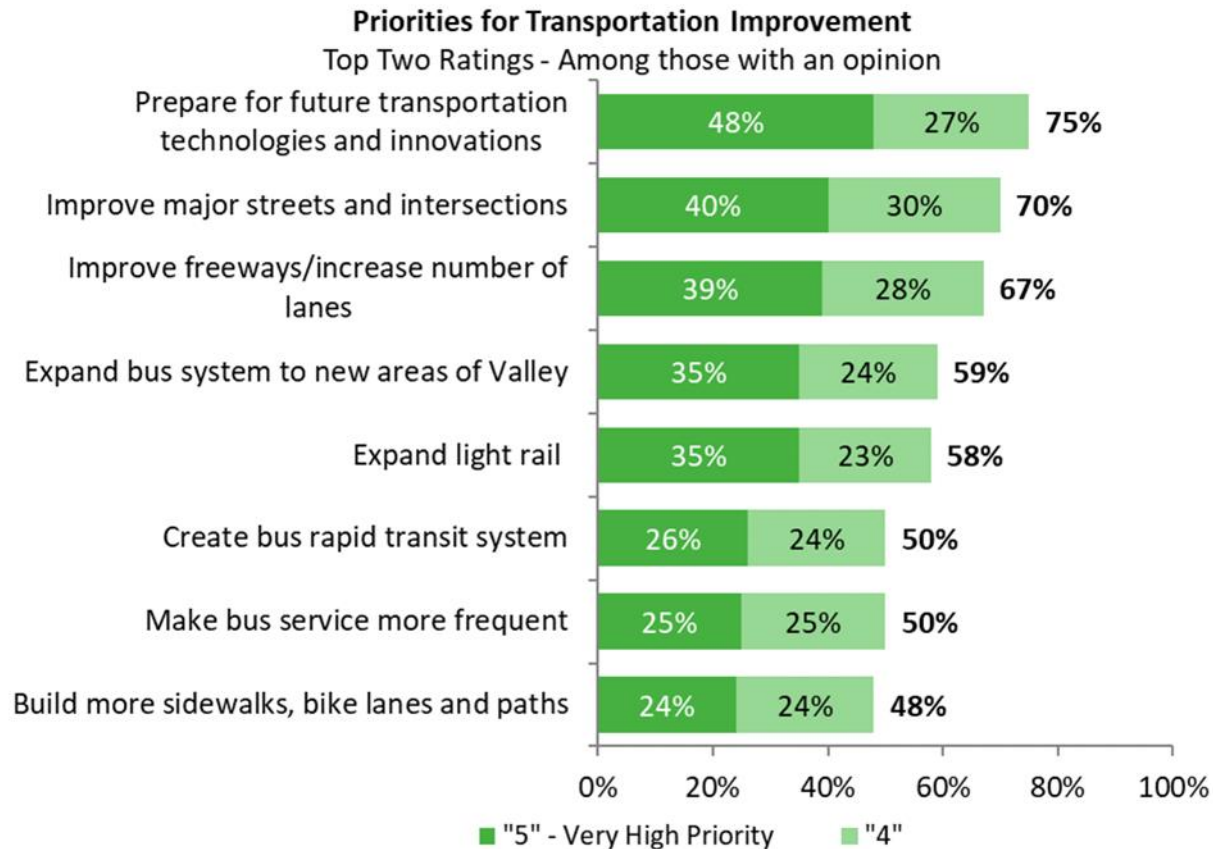
# Satisfaction with the Regional Transportation System



# One Most Important Transportation Improvement: Specific Mention



# Transportation Priorities: Eight Improvement Areas

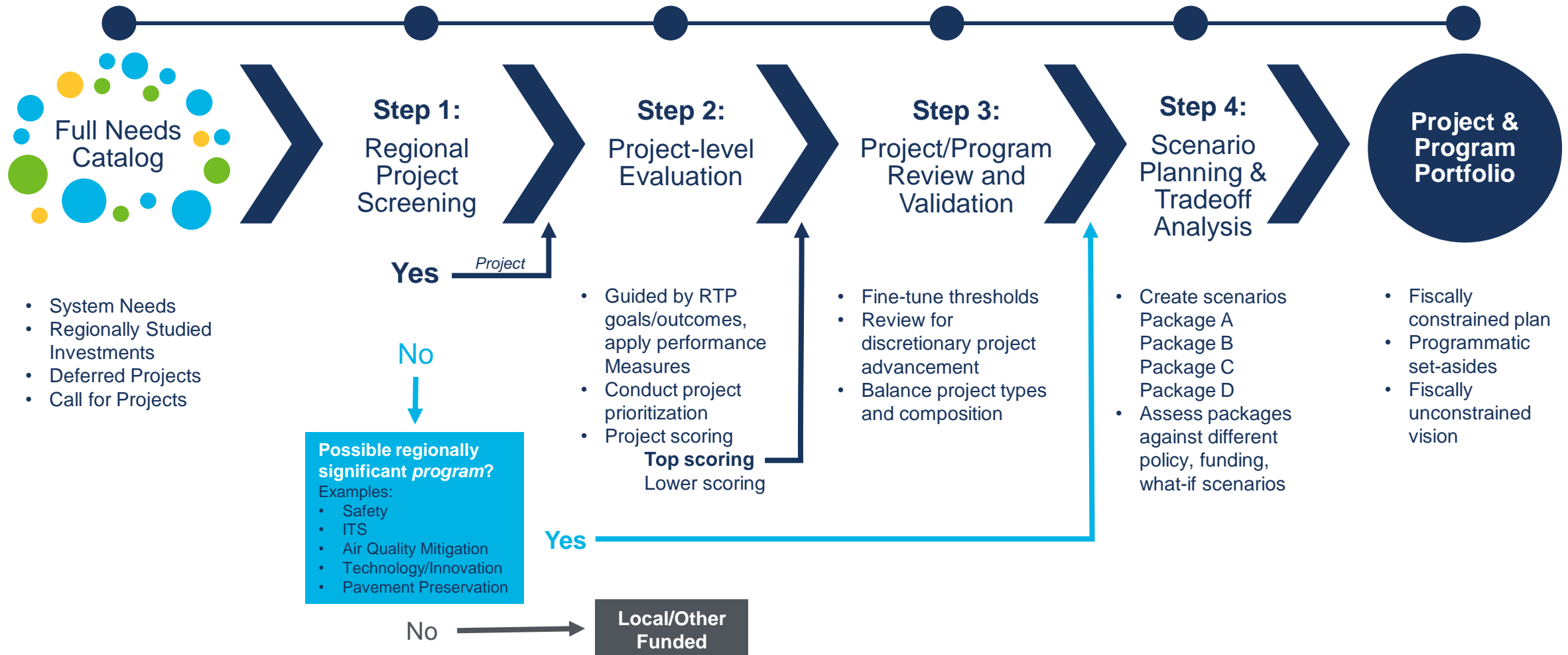


- Strong support for emerging technology underscores the importance of a flexible, forward-looking plan.
- 80% of all respondents say at least one type of transit improvement is a high priority.

# Building Our New Blueprint

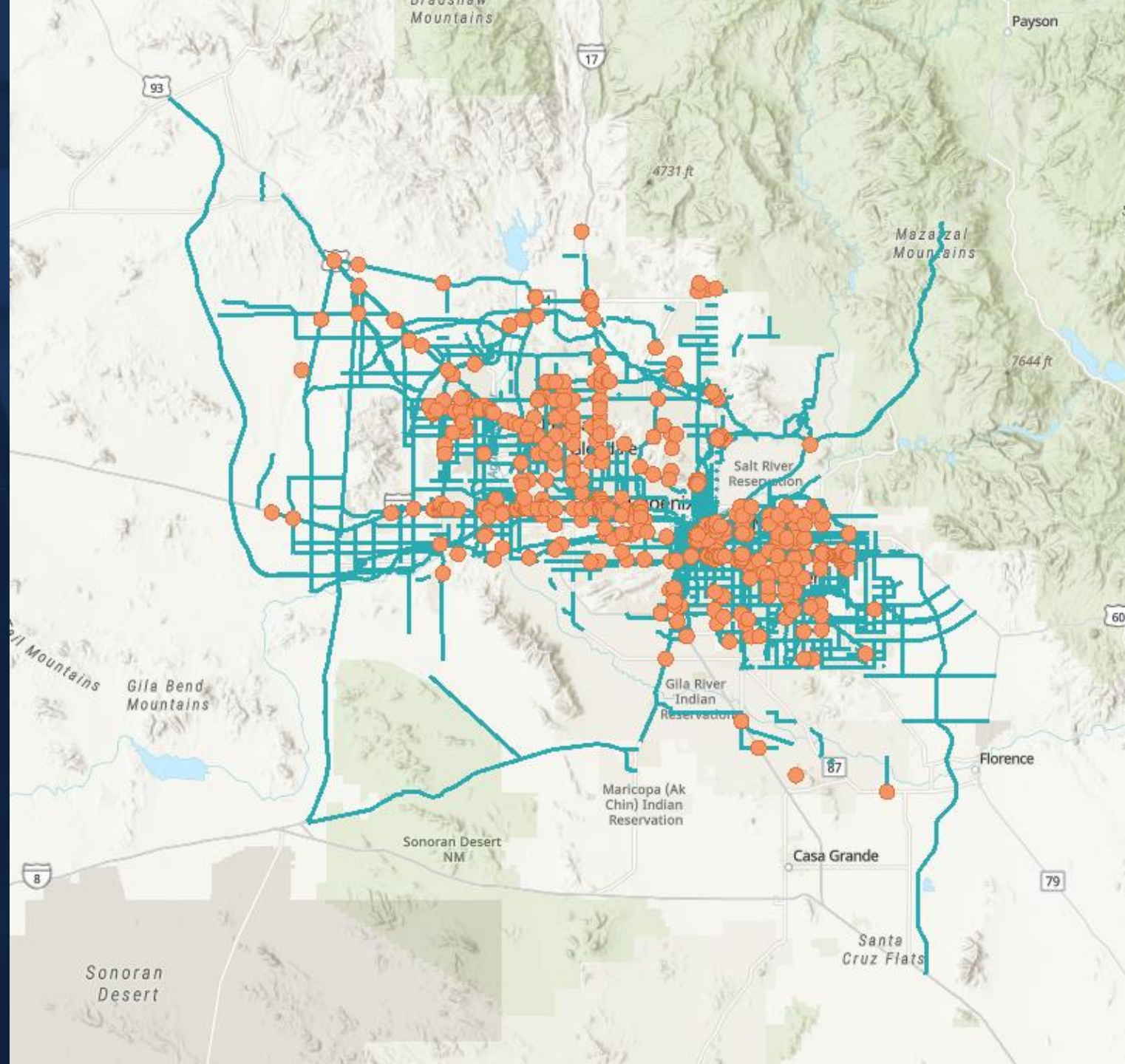
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# Performance-Based Evaluation Process



# Starting Point: Needs Catalog

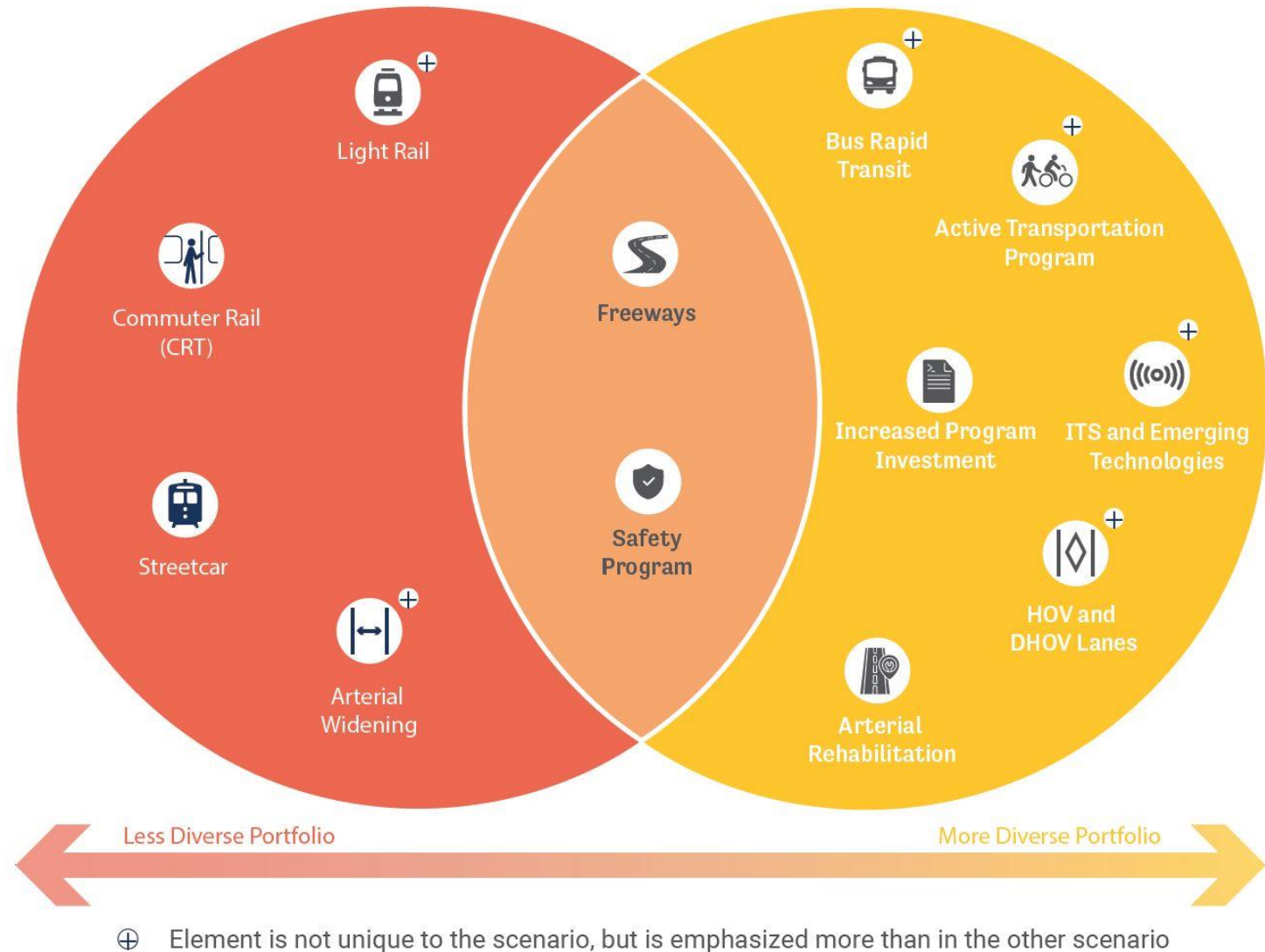
Over \$90 billion of needs exist regionwide.



# Scenario Planning & Tradeoff Analysis

Two Different Concepts  
Two Different Funding Levels

## CAPITAL INVESTMENTS NEW CAPACITY VS SYSTEM OPTIMIZATION



# Scenarios At a Glance

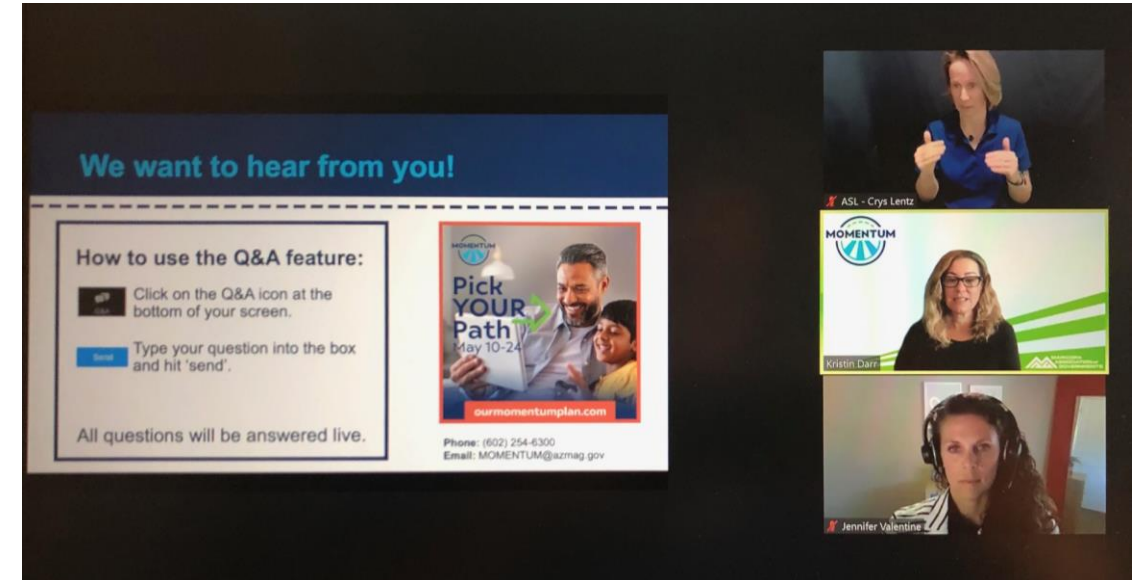


PROJECT TYPE	NEW CAPACITY HALF CENT	SYSTEM OPTIMIZATION HALF CENT	NEW CAPACITY ONE CENT	SYSTEM OPTIMIZATION ONE CENT
<div>FREEWAY IMPROVEMENTS</div> <div></div>				
<div>RAIL EXPANSION</div> <div></div>				
<div>BUS RAPID TRANSIT</div> <div></div>				
<div>ARTERIAL INVESTMENTS</div> <div></div>				

# Pick Your Path Public Engagement

## By the numbers...

- Over 34,000 website visitors
- 818 comments on website
- 26+ hours of live chat available in English, 8 hours of live chat available in Spanish
- 500+ attendees at MOMENTUM presentations, virtual events
- Resource Agency Meeting June 4



All MOMENTUM virtual events provided live, simultaneous American Sign Language and Spanish translation. Translation services have been provided at organizational presentations by request.



# Pick Your Path Feedback: Key Themes

- Most people prefer a **mixture of projects and programs** from the four scenarios.
- The public sees the added value of the potential projects and programs that can be funded with a one-cent sales tax; **people are willing to pay more to get more.**
- The public continues to articulate the **need for expanded and improved transit options**, in addition to strategic freeway/roadway investments.
- Notable specifically among youth and underserved populations was the emphasized need for more comprehensive and convenient transit service; **equity and environmental considerations** were clear motivators among these groups.

# Scenario Planning & Tradeoff Analysis

May 2021



June 2021



**June 23:** Unanimous MAG Regional Council vote to approve the Investment Plan.

**July 28:** Unanimous MAG Regional Council vote to approve project phasing and entrance into air quality conformity analysis.

# Proposed Investment Plan

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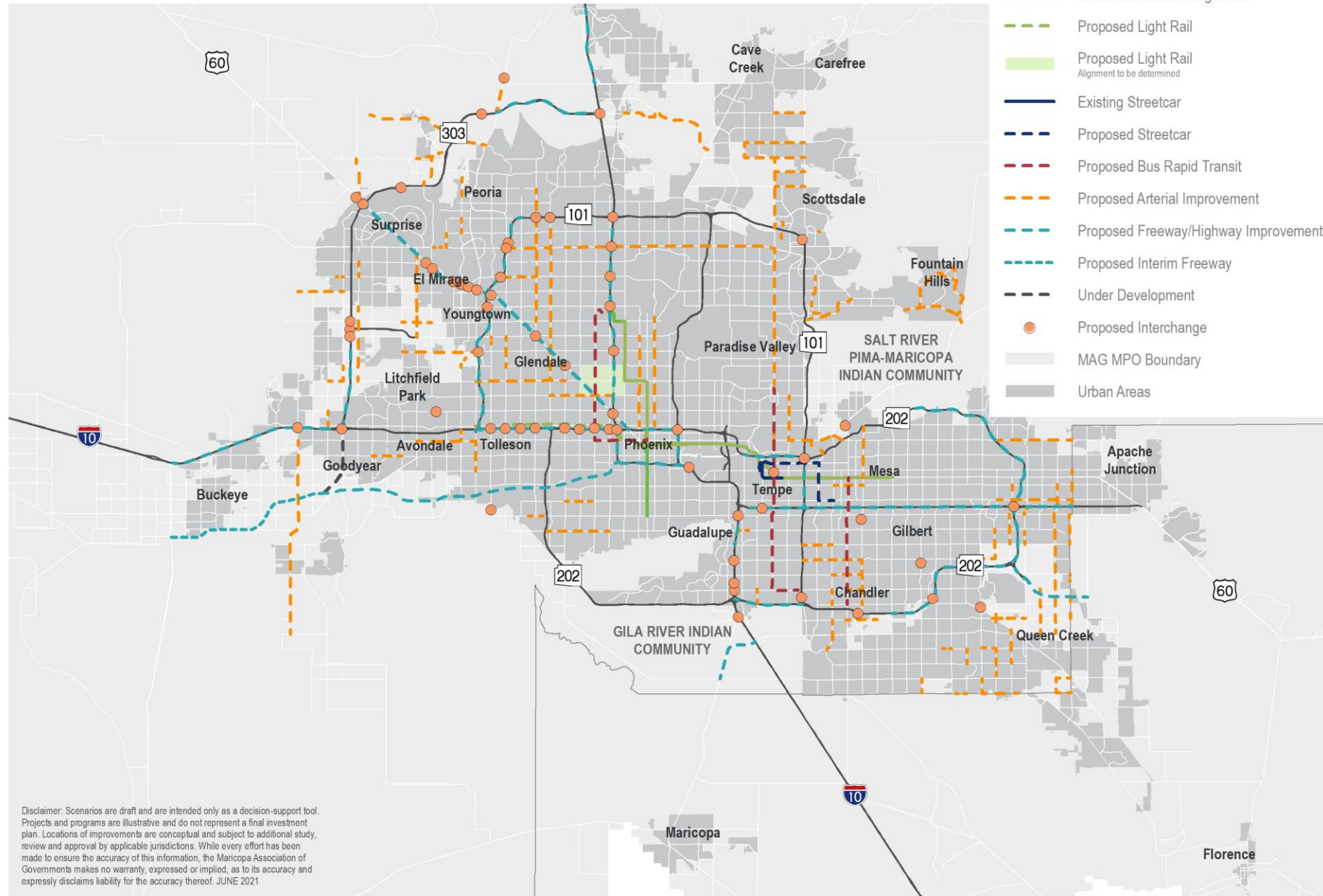
# Revenue Projections

Funding Source	Projected Revenue 1/2 Cent Scenario 25 years
Sales Tax	\$19.5 b
ADOT HURF	\$2.5 b
MAG FHWA Formula Funds	\$3.7 b
MAG FTA Formula Funds	\$3.1 b
ADOT FHWA Formula Funds	\$7.9 b
<b>Total</b>	<b>\$36.7 b</b>

# Investment Plan Projects

1/2 CENT 25 YEARS

**DRAFT**  
Illustrative  
Purposes  
Only



# Proposed Investment Plan: By the Numbers

 **367** new freeway/  
highway lane miles


 **186** new HOV  
lane miles


 **1,300** new or improved  
arterial lane miles


 **45** new or improved  
traffic interchanges

 **12** new DHOV or system  
interchange DHOV ramps

 **4** new or improved  
system interchanges

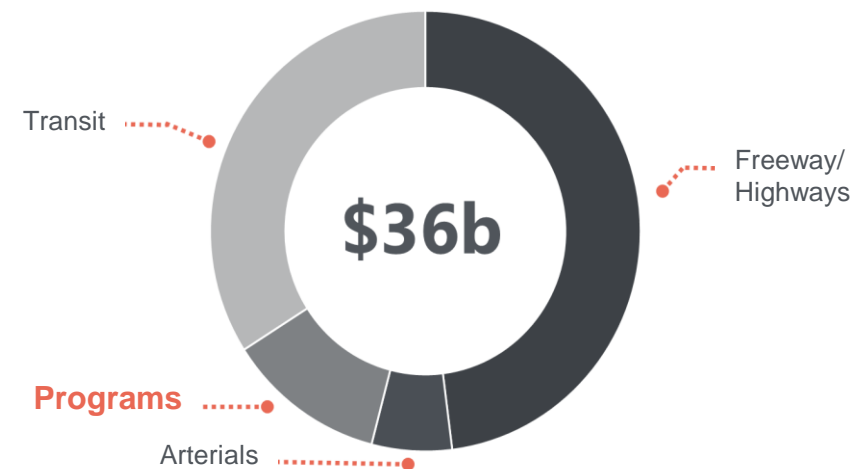
 **11.9** miles of new  
light rail

 **36.8** miles of BRT  
(bus rapid transit)

 **6.9** miles of new  
streetcar

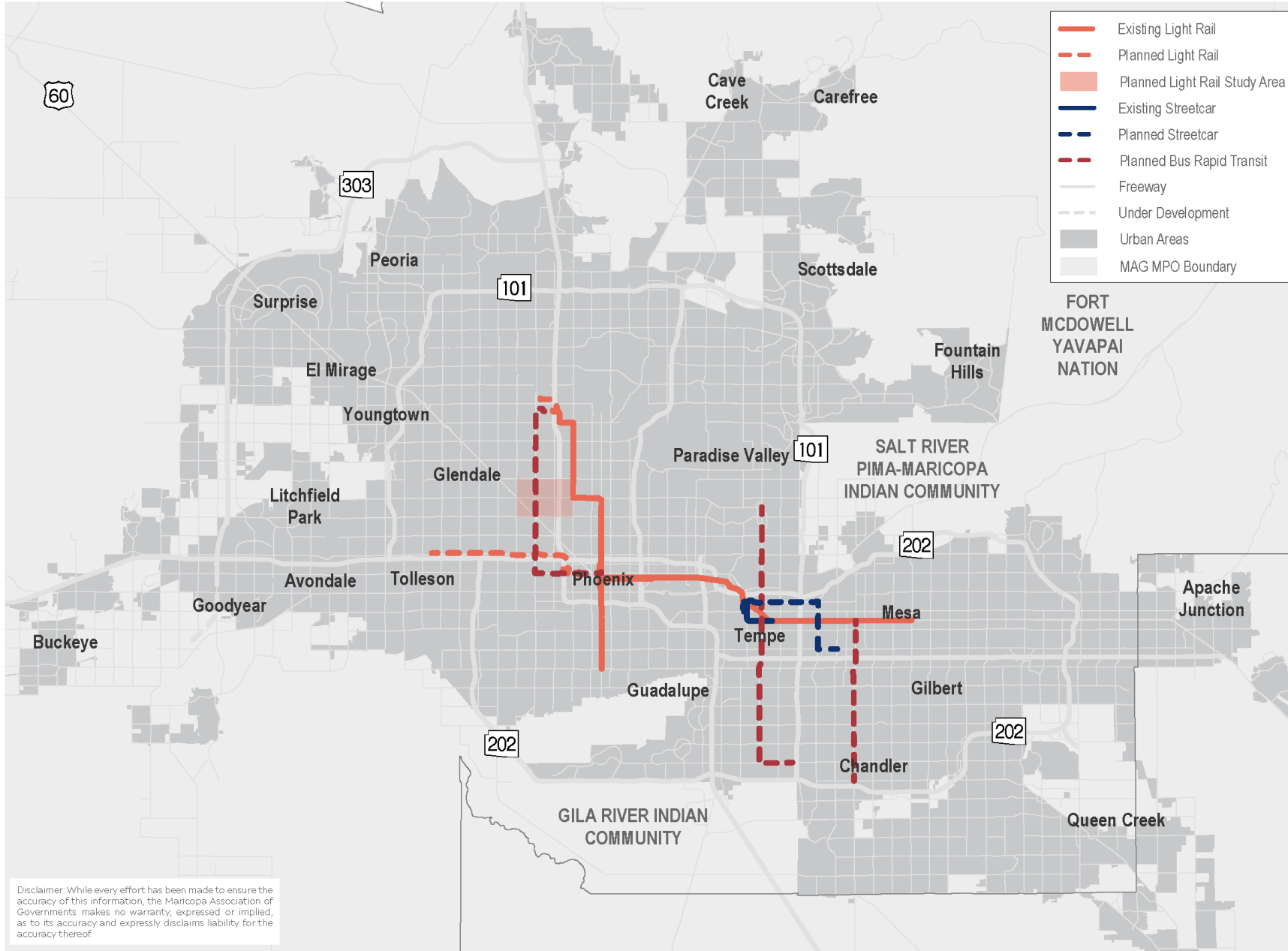
## Program Investments

Active Transportation	\$1,000,000,000
Air Quality	\$200,000,000
Arterial Intersection	\$500,000,000
Arterial Rehabilitation	\$625,000,000
Arterial Widening	\$375,000,000
Emerging Tech	\$312,500,000
ITS	\$750,000,000
Safety	\$250,000,000
TDM Expansion	\$312,500,000



# High-Capacity Transit Projects

**DRAFT**  
Illustrative  
Purposes  
Only



# Flexible and Future-Focused

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## Active Transportation

Investments in bicycle lanes, protected paths and other projects to create better connectivity and improve safety for non-motorized transportation users.



## Air Quality

Investments to mitigate impacts of the transportation system and improve the region's air quality.



## Arterial Improvements

Investments to enhance the region's "grid" street network to improve safety and mobility.



## Bus Transit

Investments to continue to operate and further grow the region's bus transit system.



## Emerging Technology

Investments to enable the region to respond and adapt to future transportation innovations.



## Intelligent Transportation Systems

Investments in technology that manage the movement of people and goods through the region.



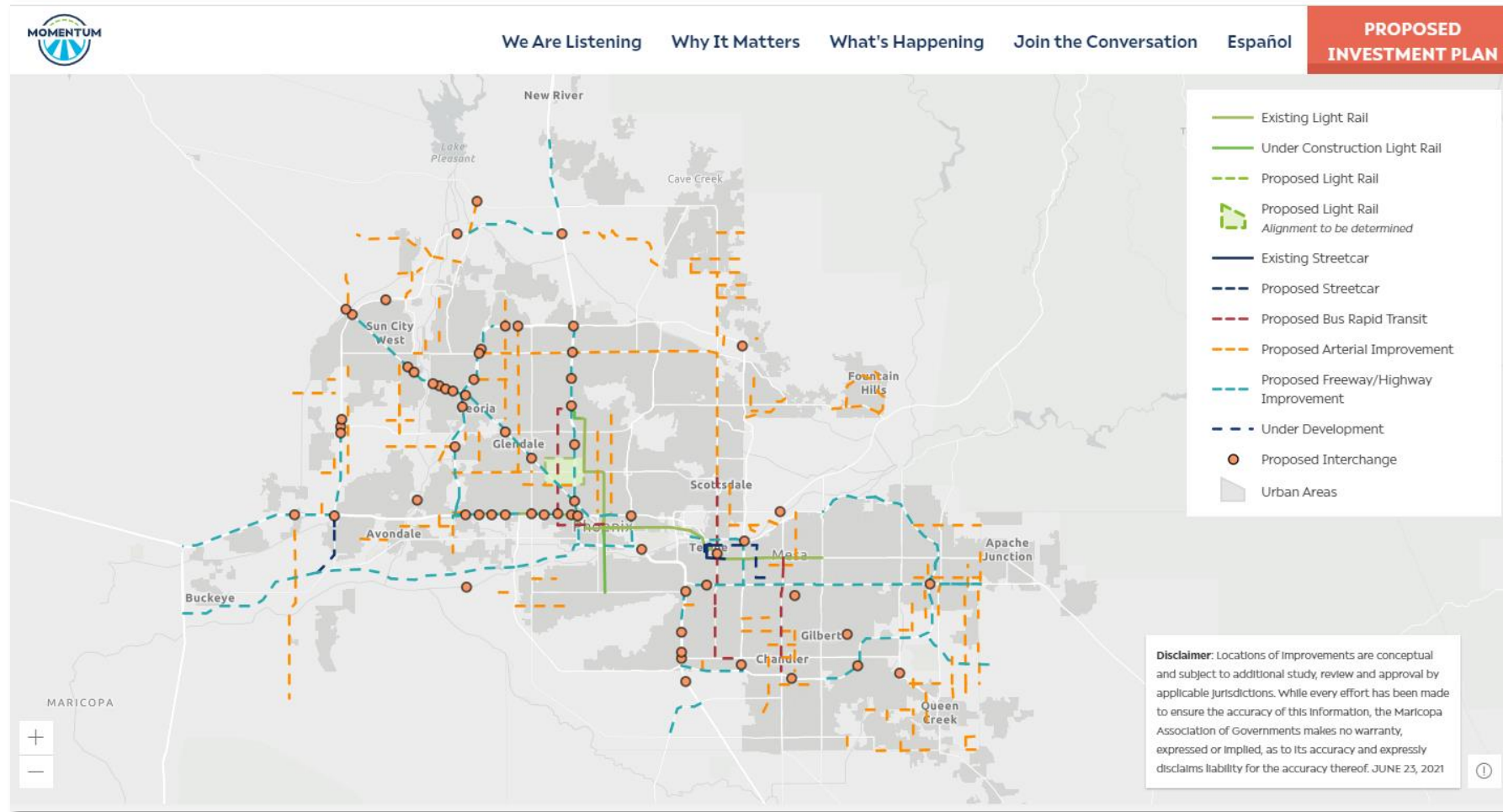
## Safety

Investments in projects and initiatives that improve safety across the system and for its users.

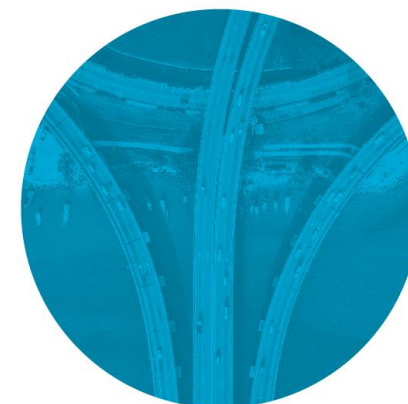


## Transportation Demand Management

Investments in strategies that optimize the region's existing transportation infrastructure and manages its use, especially at "rush hour."



Learn more online at  
**OurMomentumPlan.com**



# Next Steps

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# Forward Outlook

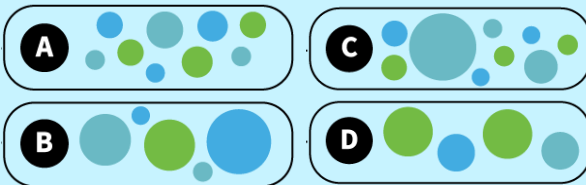
2021

Jan Feb March April May June July Aug Sept Oct Nov Dec

Step 2: Roadway  
Project Scoring

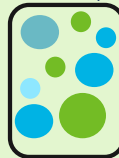
Step 3:  
High  
Performing  
Project  
Validation

Step 4: Scenarios & Tradeoff Analysis



Draft  
Investment  
Plan

(major projects  
and funded  
programs  
locked)



Air Quality Conformity Process  
New RTP & Transportation Improvement Program

Regional  
Council  
Adoption



# Forward Outlook

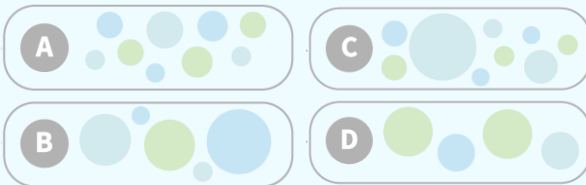
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Air Quality Conformity Process  
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2022

Jan Feb March April May June July Aug Sept Oct Nov Dec

Legislative Session: Enabling Legislation

Election\*



**Thank you!**

For more information, visit:  
**OurMomentumPlan.com**

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June 22, 2021: Unanimous recommendation to approve investment strategy.  
Transportation Policy Committee