


Society of American Military Engineers

The background of the slide is a photograph of a long, straight asphalt road stretching towards the horizon. The road is heavily cracked, with a prominent yellow center line. The surrounding landscape is a dry, open field with sparse, yellowish-brown vegetation. In the distance, a range of mountains is visible under a clear blue sky.

Steve Boschen

Division Director
Infrastructure Delivery and Operations Division
“IDO Division”

September 19, 2024

- 1. Current Projects**
- 2. Upcoming Projects**
- 3. Pavement Condition**



What does ADOT IDO do?

- 28,000 Lane Miles
 - 51 Maintenance Camps
 - 7 Districts
-
- Programs, Designs, and Constructs ADOT Statewide Projects
 - Designs and Constructs MAG/PAG and Local Agency Projects

Operations

**Design &
Administer
Construction**

Current Projects



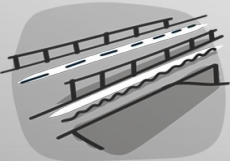


8 Miles of Flex Lanes

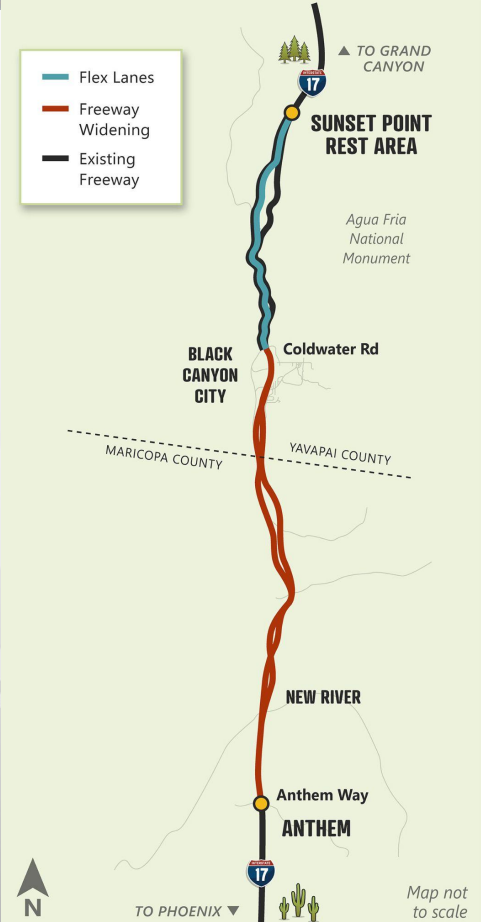


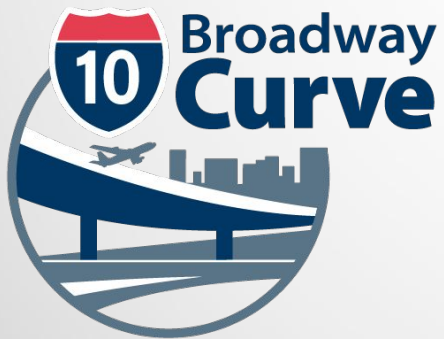
Flex Lane Project

12 Bridge Locations

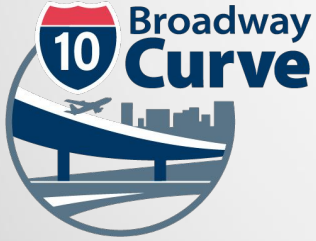


15 Miles of Widening





Broadway Curve, 1970

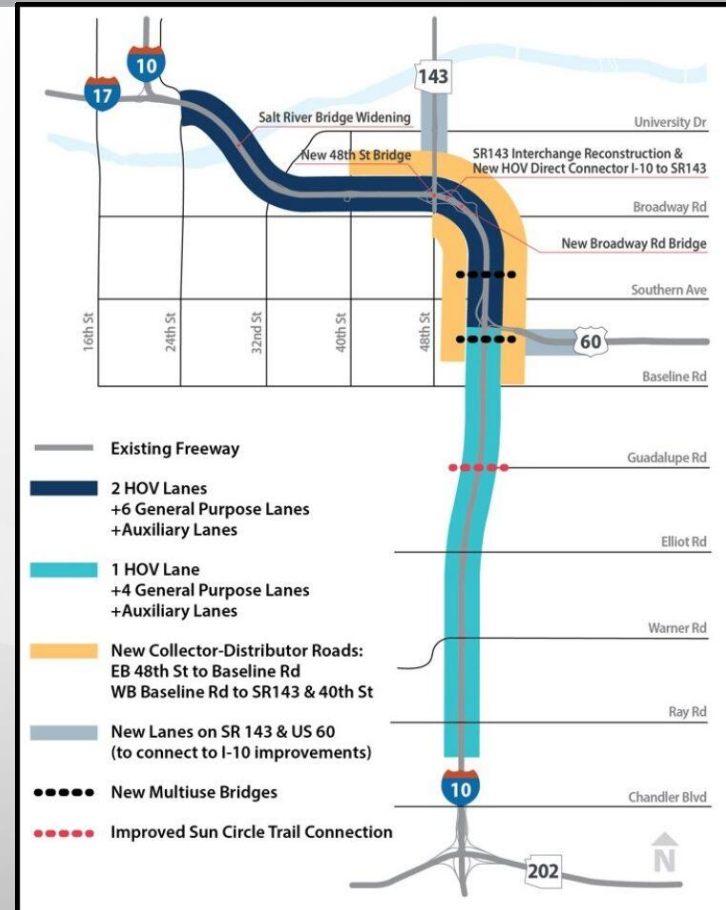


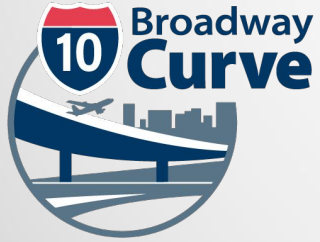
C-D Roads (Collector-Distributor)

- WestBound Baseline Rd to 40th St
- EastBound 48th Street to Baseline Rd

Why it Matters:

- Minimizes Merge/Weaves





Find Your Lane: Navigating the I-10 Collector-Distributor (CD) Roads



What are CD roads?

Collector-Distributor (CD) roads collect traffic from the Interstate 10 mainline, State Route 143 and US 60 and distribute it to crossroads or other highways. They separate through-traffic from local traffic entering and exiting I-10 through the Broadway Curve area. This will reduce the need for vehicles to weave between lanes and help keep traffic flowing on I-10.

How do they operate?

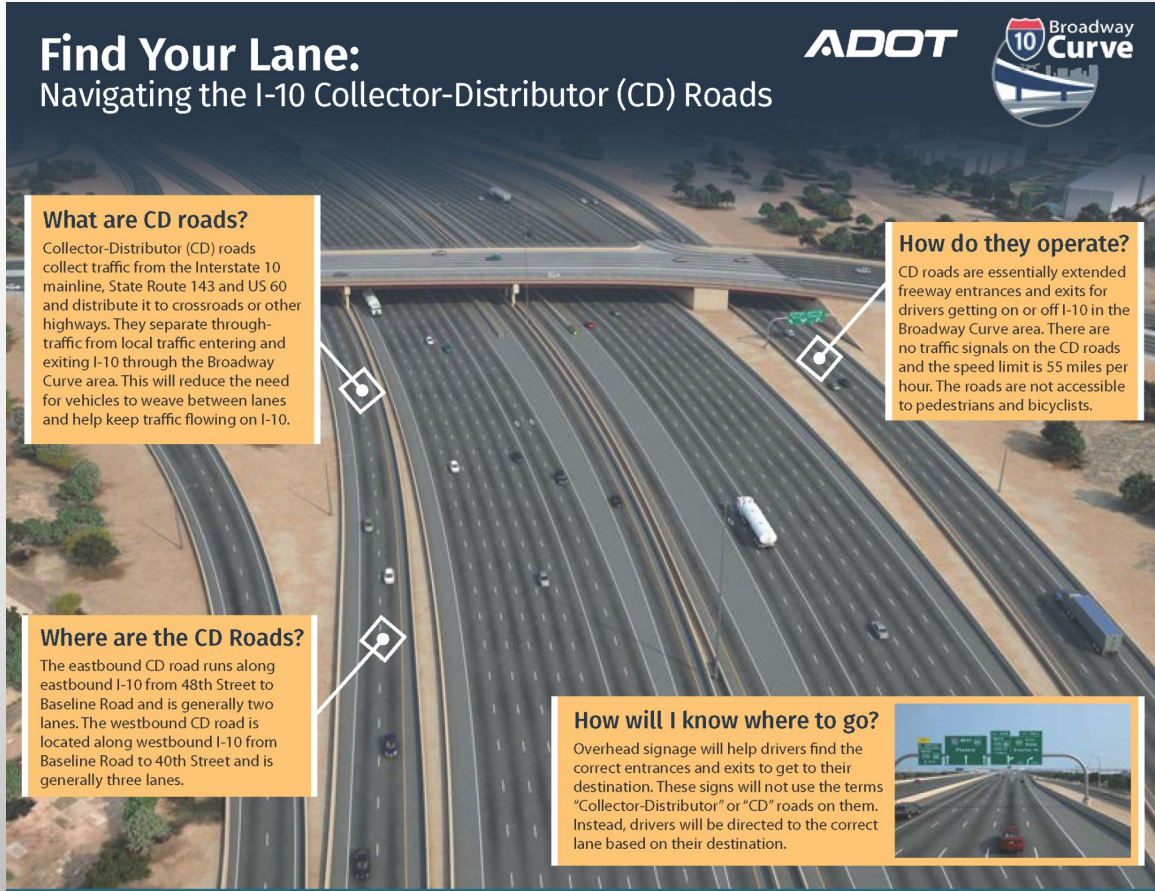
CD roads are essentially extended freeway entrances and exits for drivers getting on or off I-10 in the Broadway Curve area. There are no traffic signals on the CD roads and the speed limit is 55 miles per hour. The roads are not accessible to pedestrians and bicyclists.

Where are the CD Roads?

The eastbound CD road runs along eastbound I-10 from 48th Street to Baseline Road and is generally two lanes. The westbound CD road is located along westbound I-10 from Baseline Road to 40th Street and is generally three lanes.

How will I know where to go?

Overhead signage will help drivers find the correct entrances and exits to get to their destination. These signs will not use the terms "Collector-Distributor" or "CD" roads on them. Instead, drivers will be directed to the correct lane based on their destination.





I-10 | LOOP 202 TO SR-387 WILD HORSE PASS CORRIDOR

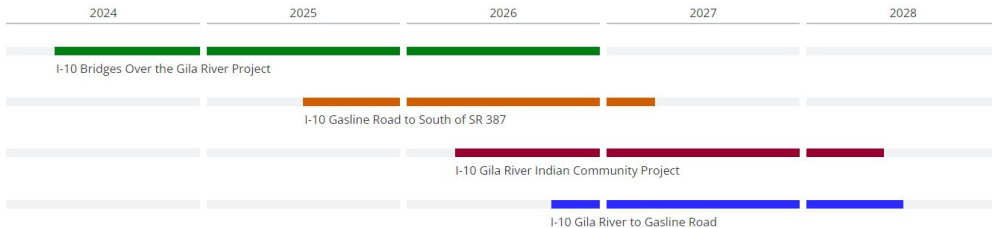
26 Mile Corridor

Multiple Construction Segments

Gila River Bridge under Construction

GENERAL CONSTRUCTION DURATION TIMELINE

Schedule subject to change due to unforeseen circumstances.



LEGEND

- I-10 Corridor
- Crossroads
- Interchanges
- Gila River Bridge Replacement



US 60: Queen Creek and Waterfall Canyon Bridge Improvement Project





SR 88 (Apache Trail)
reopened Fish Creek Hill
Segment for **4-wheel drive**
and **UTVs Only**





Oak Creek Canyon Restrictions: 24/7 Single Lane operation with traffic signal continues thru fall





Oak Creek Canyon Restrictions:

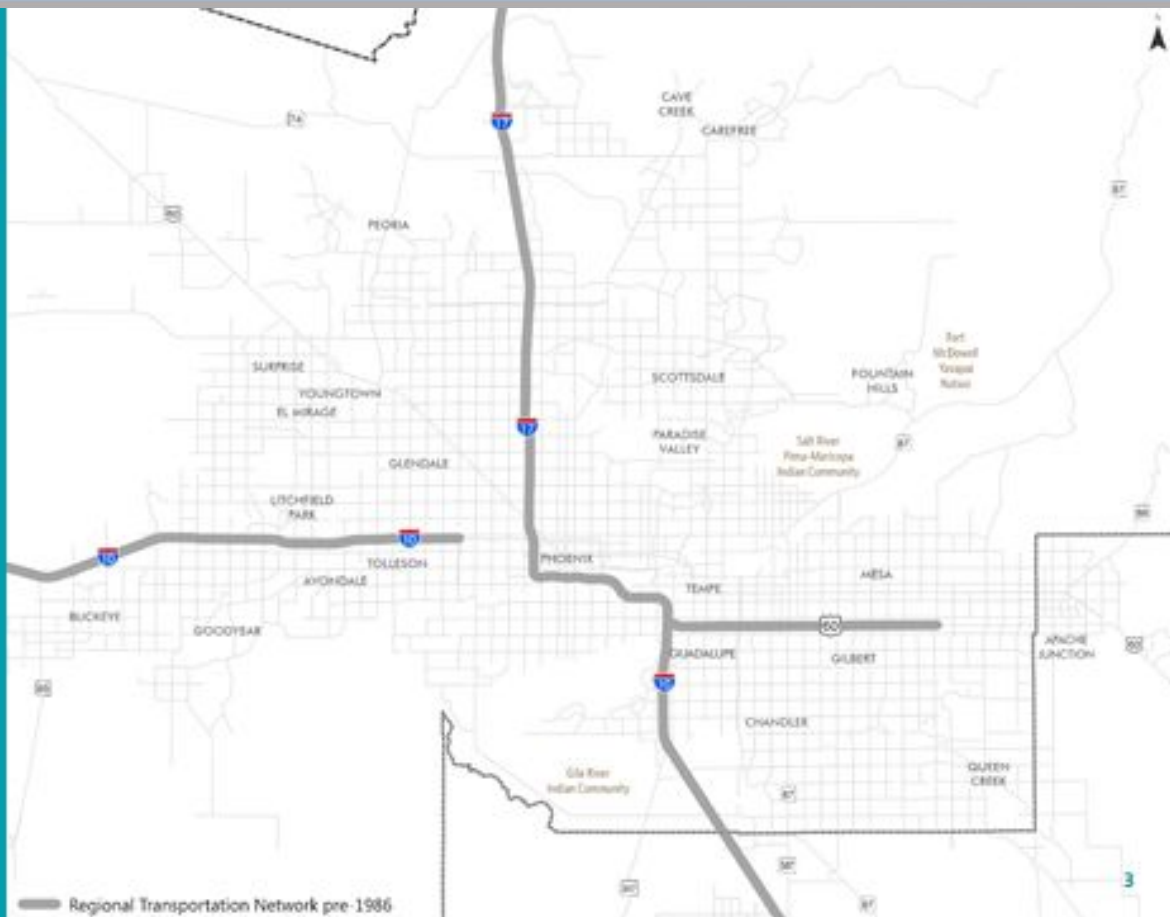
24/7 Single Lane operation with traffic signal continues thru fall



Upcoming Projects



REGIONAL
TRANSPORTATION
NETWORK:
PRE-1986



LOOP 303 (ESTRELLA FREEWAY): MC 85 TO VAN BUREN STREET



Type:
New



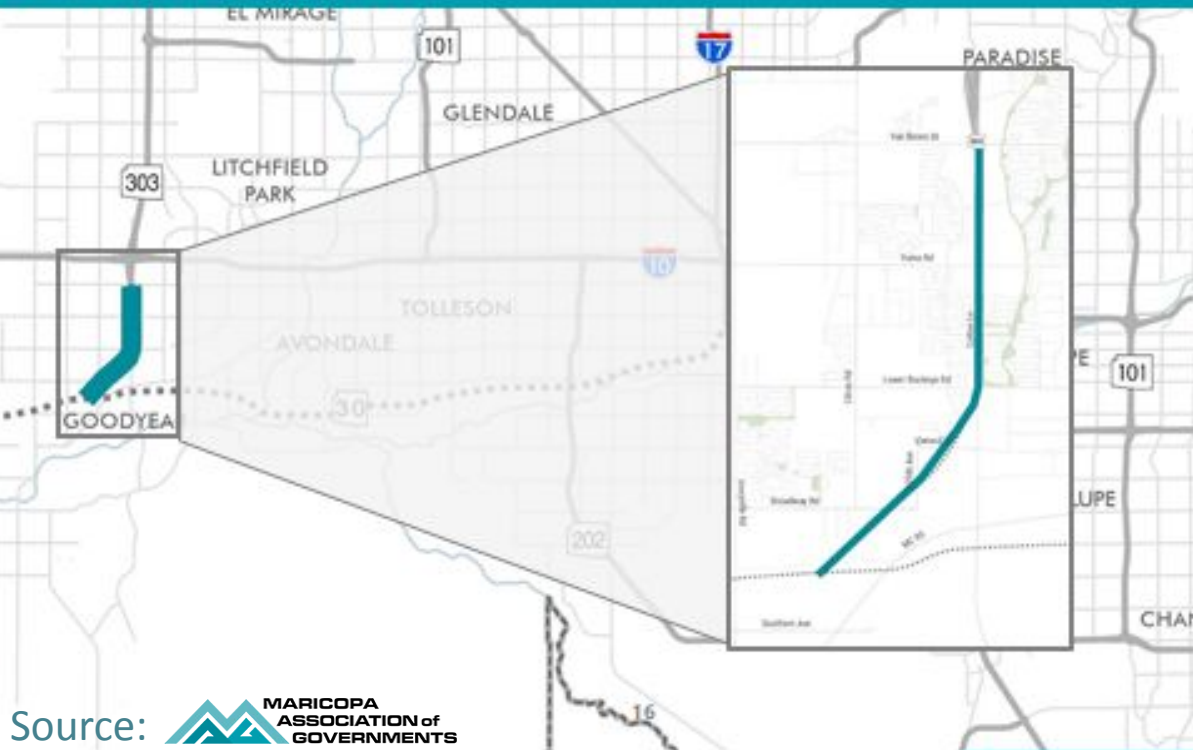
Funding:
\$718 M
(SYOE)



Status:
Active



Program:
Proposition 400



Source:  MARICOPA ASSOCIATION of GOVERNMENTS

INTERSTATE 10 (PAPAGO): AT JACKRABBIT TRAIL



Type:
Traffic
Interchange



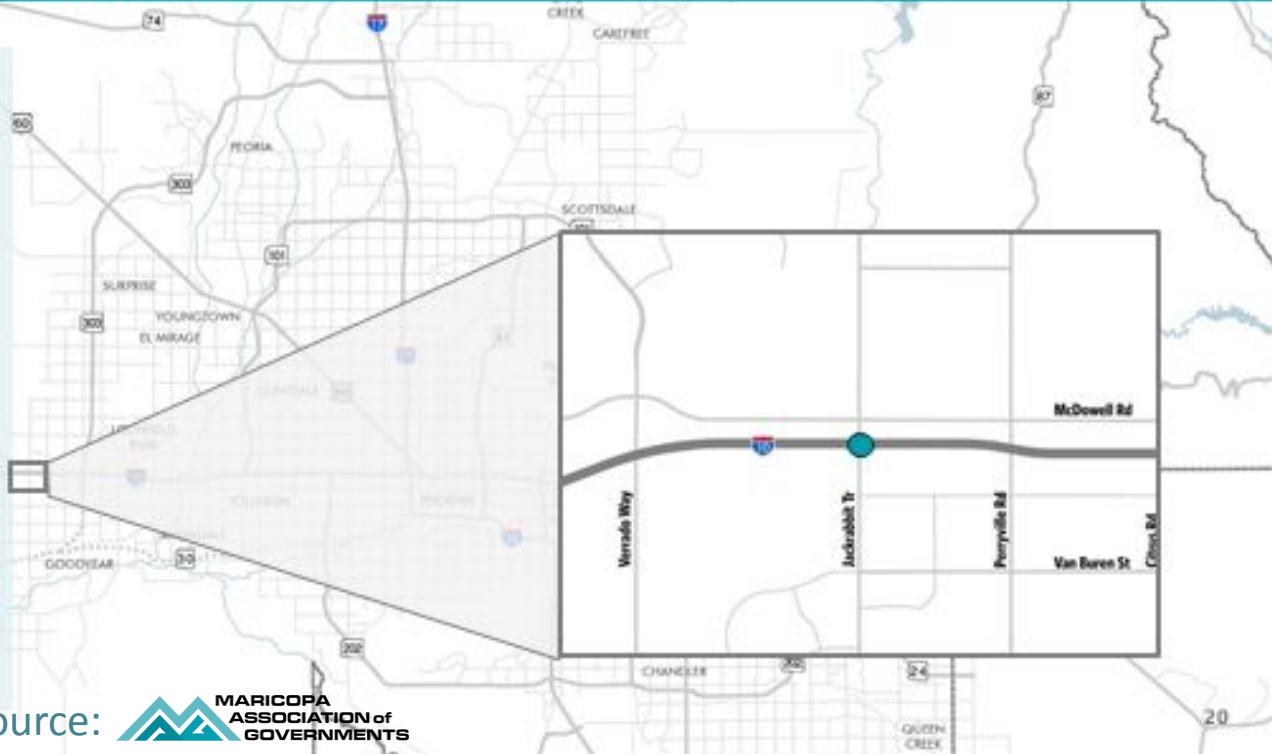
Funding:
\$33 M
(\$2020)



Phase: I
(2026-2030)

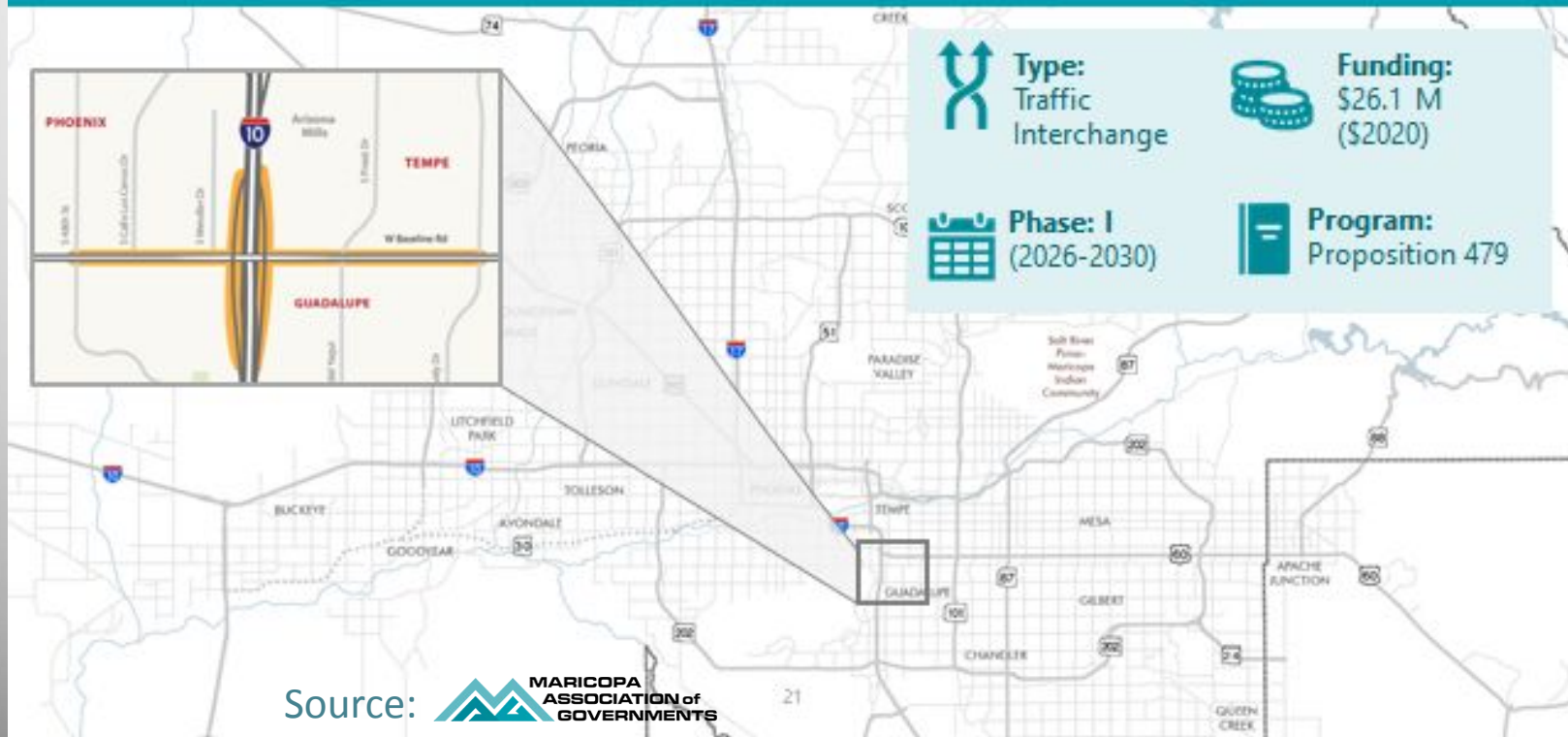


Program:
Proposition 479



Source: MARICOPA ASSOCIATION of GOVERNMENTS

INTERSTATE 10: BASELINE ROAD TRAFFIC INTERCHANGE



LOOP 303 (ESTRELLA): LAKE PLEASANT PARKWAY TO I-17/I-17 SYSTEM INTERCHANGE



Type:
Widen/System
Interchange



Funding:
\$335 M
(\$2020)



Phase: I
(2026-2030)

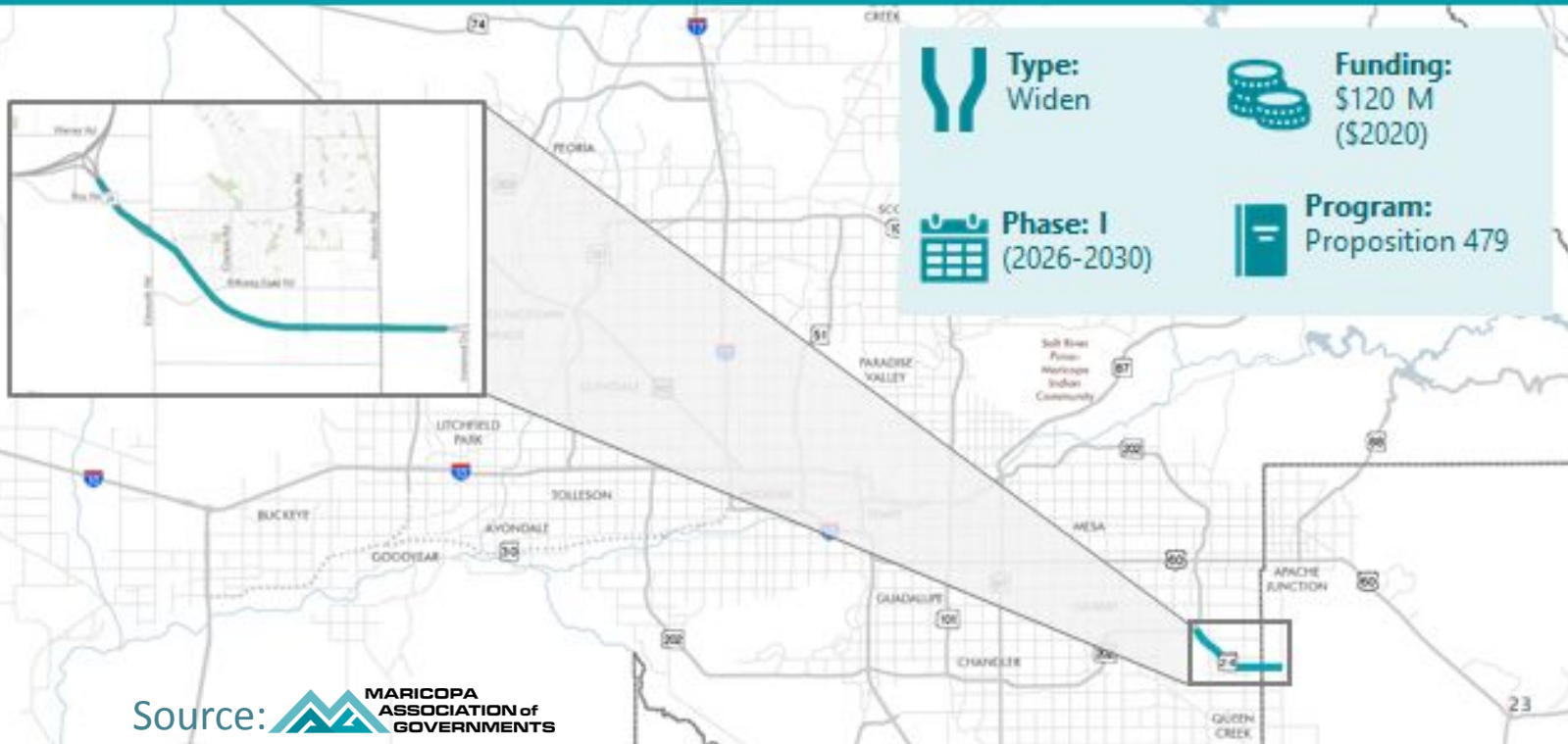


Program:
Proposition 479

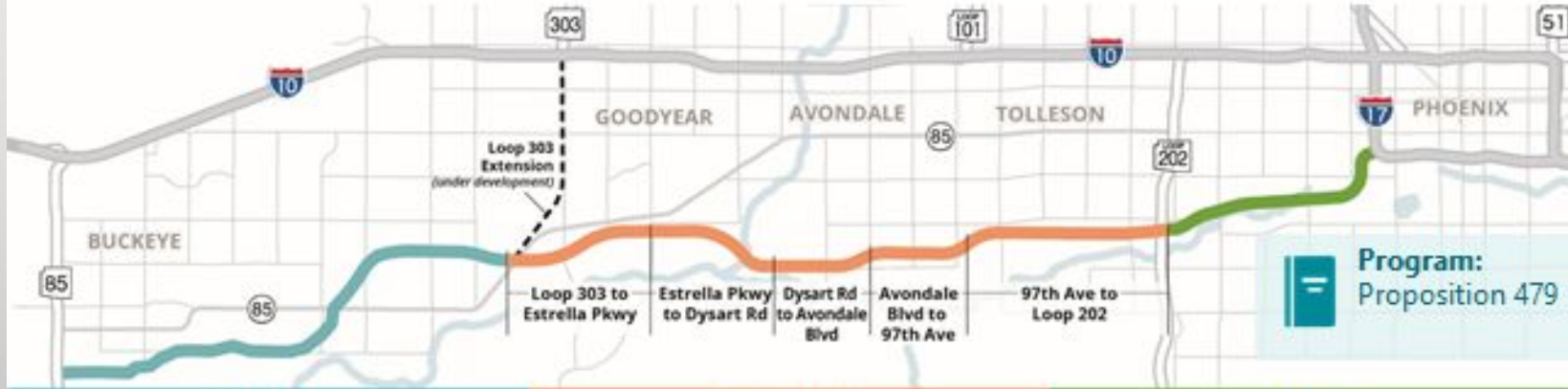


Source: MARICOPA ASSOCIATION of GOVERNMENTS

SR 24: LOOP 202 (SANTAN) TO IRONWOOD DRIVE



SR 30 (TRES RIOS FREEWAY): SR 85 TO I-17



WEST

CENTER

EAST


SR 85 to Loop 303

New interim freeway improvements

 \$586 M (\$2020)


Loop 303 to Loop 202

New freeway facility: three general purpose lanes in each direction

 \$2,129 M (\$2020)

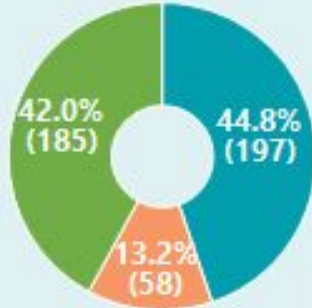
Loop 202 to I-17

New freeway facility: three general purpose lanes in each direction

 \$2,100 M (\$2020)

SR 30 (TRES RIOS): LOOP 202 (SOUTH MOUNTAIN) TO LOOP 303 (ESTRELLA)

SR 30: Parcel Acquisition Status*



- Acquired/Committed
- Appraisal In Process
- Pending Acquisition

*As of January 2024
Percent of Parcels
(Number of Parcels)





Pavement Condition



Rehabilitation/Capital Improvement

RePaving



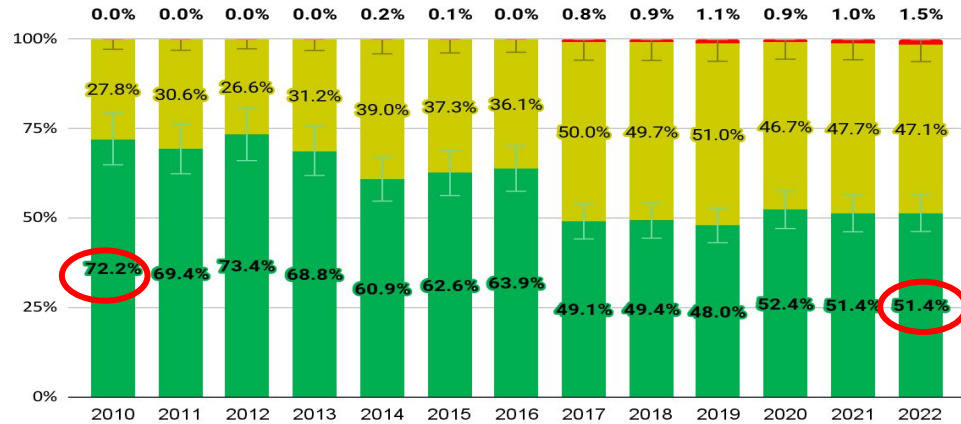
Type of Treatment	Funding	Vehicle Equivalent
<p>Preservation/Maintenance</p> <ul style="list-style-type: none"> • Crack Seals • Fogging 	<p>State (HURF) No Federal Funds</p>	<p>Tire Rotation Oil Change</p> 
<p>Rehabilitation/Capital Improvement</p> <ul style="list-style-type: none"> • Mill & RePave • Full Depth Reconstruction 	<p>Federal Funds (94.3%) State (HURF) (5.7% match)</p>	<p>New Tires New Engine/Transmission</p> 



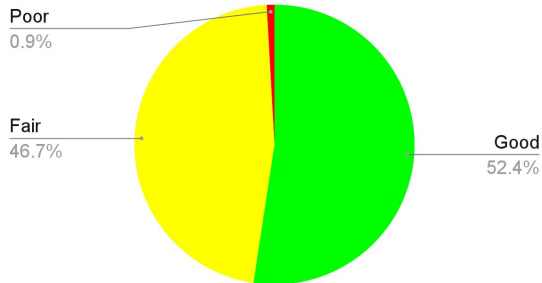
Pavement Condition: Interstate

51.4% Good

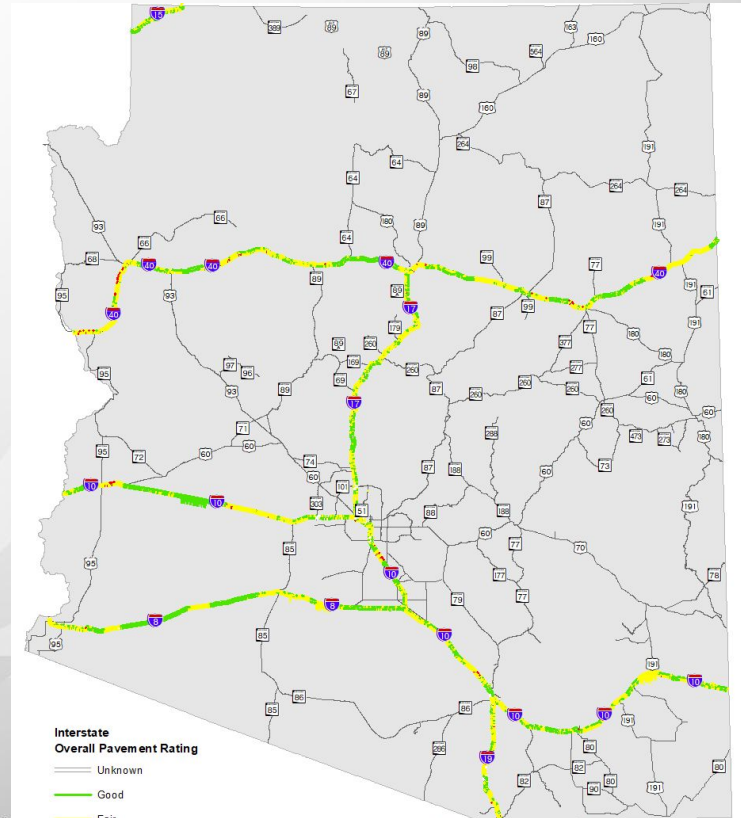
Interstate Pavement Ratings



Interstate



**21%
Down**



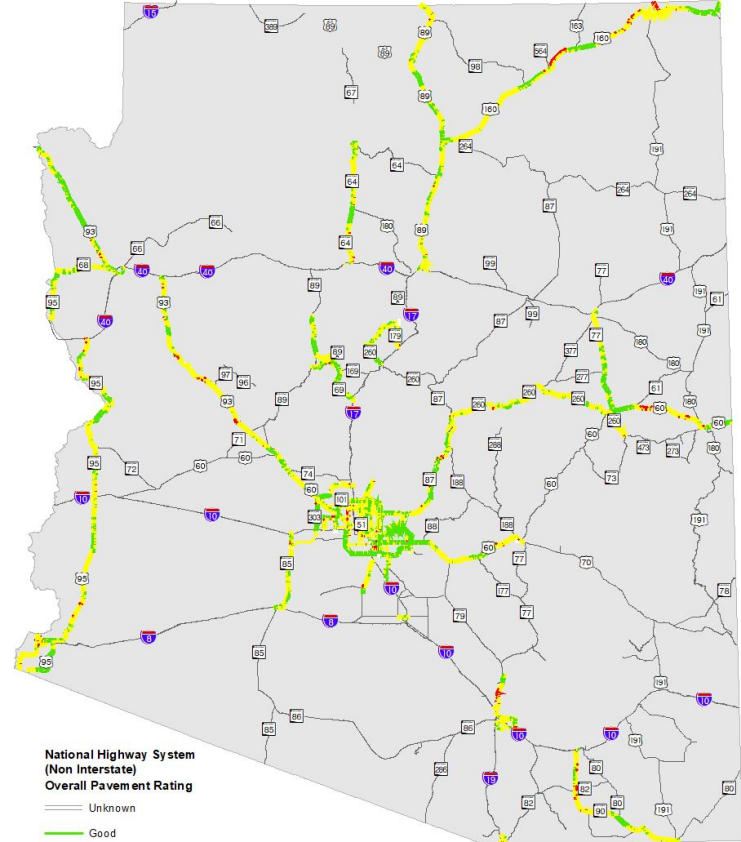
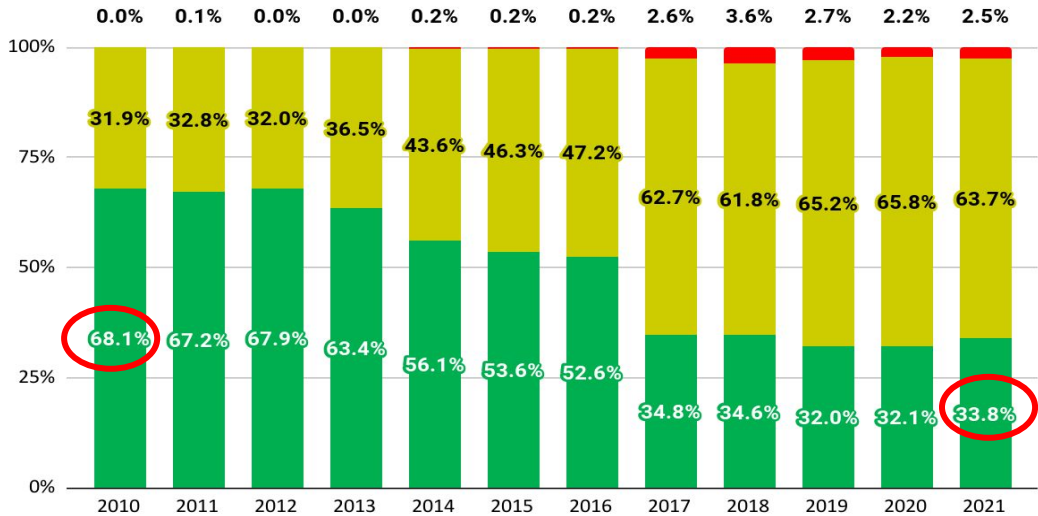
Interstate Overall Pavement Rating

- Unknown
- Good
- Fair
- Poor

Note: The State of Arizona makes no claims concerning the accuracy of this map nor assumes any liability resulting from the use of the information herein.
Prepared by: Arizona Department of Transportation
Multimodal Planning Division
Geospatial Analysis Section
MFD@adot.arizona.gov January 2023

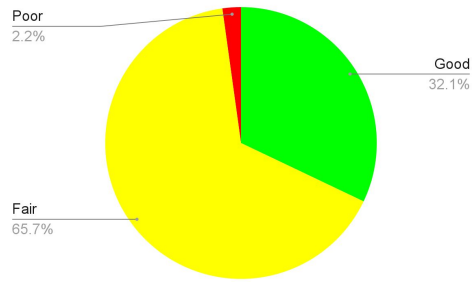
33.8% Good

Pavement Condition: Non-Interstate NHS



Note: The State of Arizona makes no claims concerning the accuracy of this map nor assumes any liability resulting from the use of the information herein.

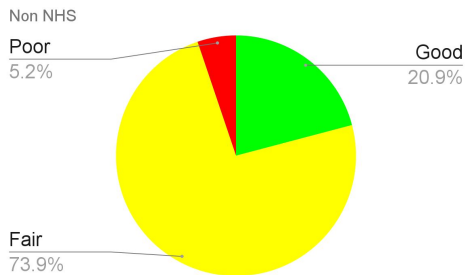
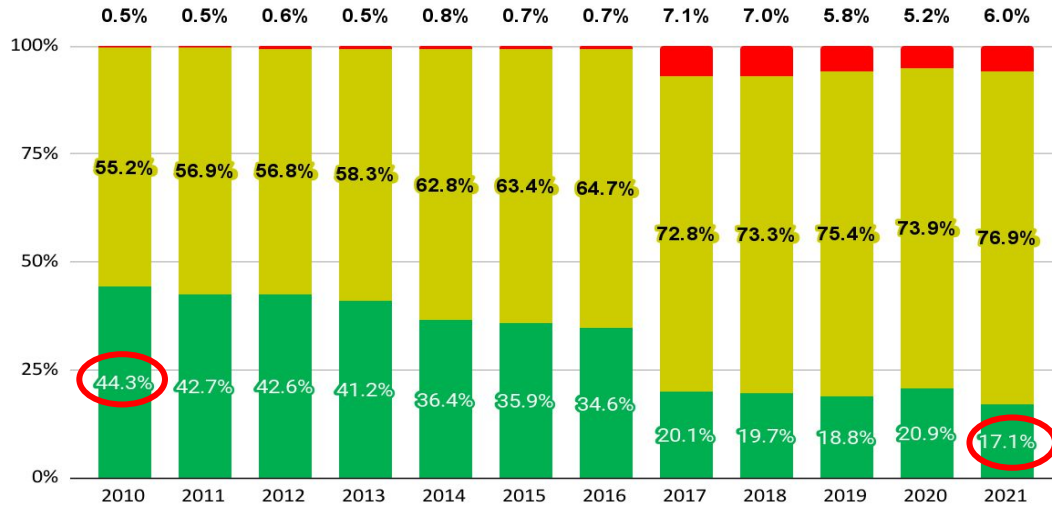
Prepared by: Arizona Department of Transportation
Multimodal Planning Division
Geospatial Analysis Section
MPC@adot.gov January 2023



**34%
Down**

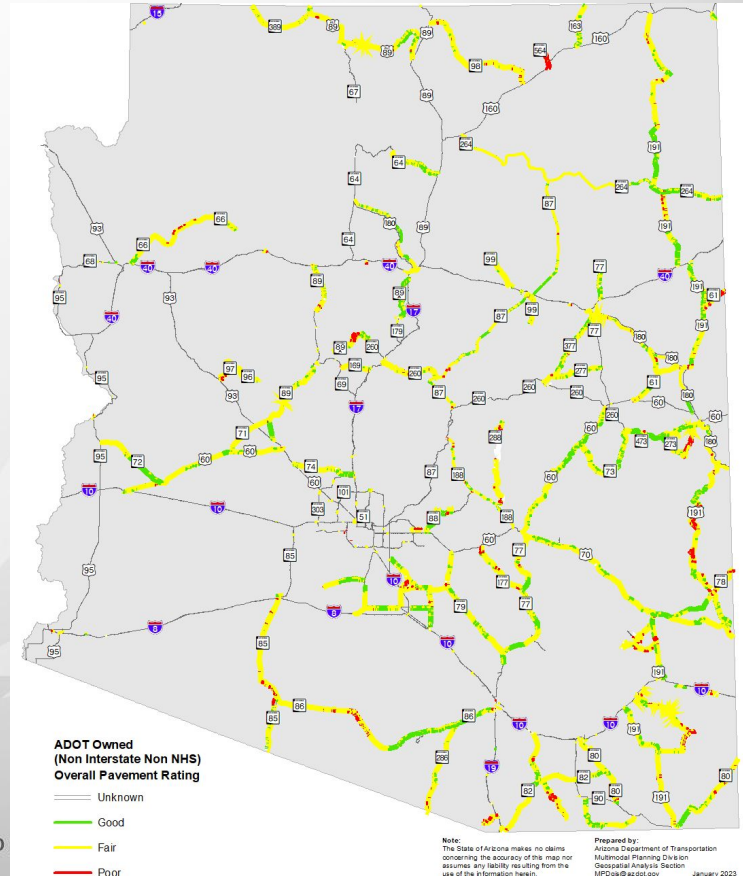
Pavement Condition: Non-NHS

17.1% Good

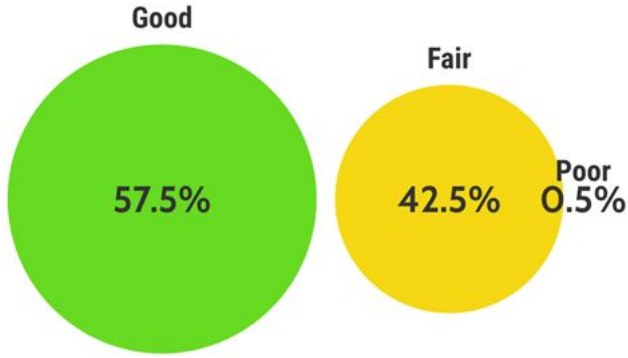


**27%
Down**

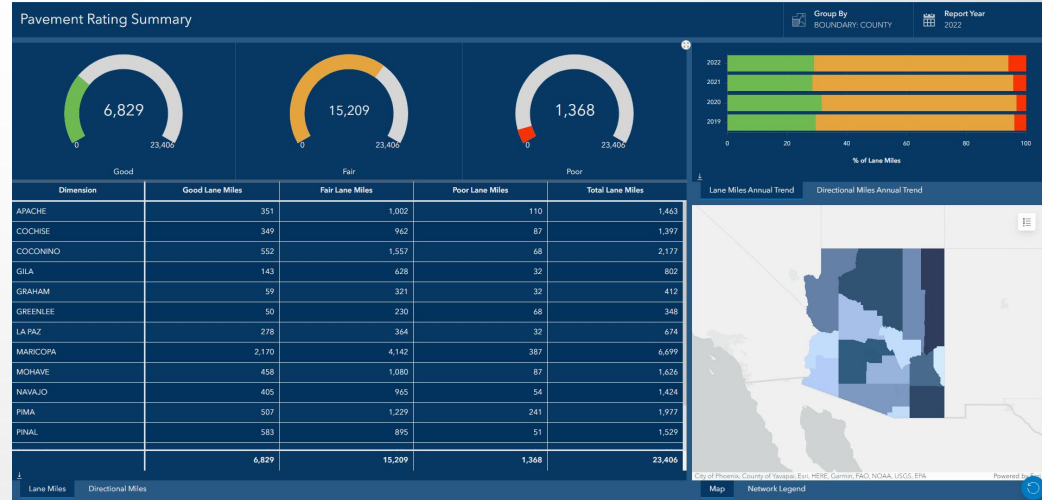
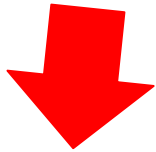
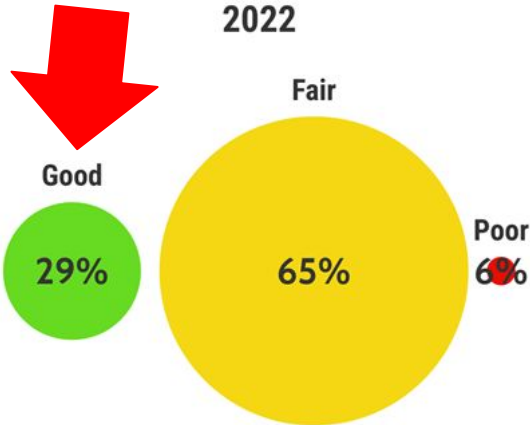
ARIZONA DEPARTMENT OF TRANSPORTATION



2012



2022



Good Lane Miles Trend

2012 - 58%

2022 - 29%



29% Decrease

ADOT System:

- 6,800 Centerline Miles
- 28,000 Maintenance Lane Miles



Current Pavement Rehabilitation Trend

1-2%



1-2% of Lane Miles/Year equals

50-100 Year Cycle

Current Five Year Program

- Aka CIP
- How much goes to Pavement Rehabilitation (CIP)?



2025-2029 Program

Arizona Department of Transportation
Five Year Transportation Facilities Construction
Program

Greater Arizona Highway Projects
Maricopa County Regional Transportation Plan Freeway Program
Pima County Regional Transportation Authority Highway Program
Airport Capital Improvement Program

Current Five Year Program

- **2025 % for Pavement Rehabilitation= 1.4%**

Route	Name	Miles	Amount (\$M)
I-10	Salome to Tonapah	10	47
I-17	SR 74 to Anthem	4.6	39
I-40	Two Guns to Dennison	9.3	49
US 60	SR 61 to Wildcat Creek	16.4	22
SR 87	Western Canal to Baseline Rd	1.5	7
SR 87	Indian Rd to Houston Mesa Rd	4	20
US 93	MP 172 to Moore Ranch Rd	12	26
US 160	SW Dennehotso to MP 440	24	59
SR 289	I-19 to Pena Blanca Lake	11	19
Totals		92.8	288
92.8/6,800 centerline miles =		1.4%	

Why It Matters:



Cliff is Eminent

- 29% Good will continue downward trend



Questions?



Thank you!

