Regional Freeway and Highway Program Update - 2016 Rebalancing

Regional Council
May 25, 2016

MARICOPA ASSOCIATION of GOVERNMENTS

System Traffic Interchange, Goodyear

©2016, All Rights Reserved.

Best Driving Experience in the World – Phoenix

waze

Outsmarting Traffic, Together.

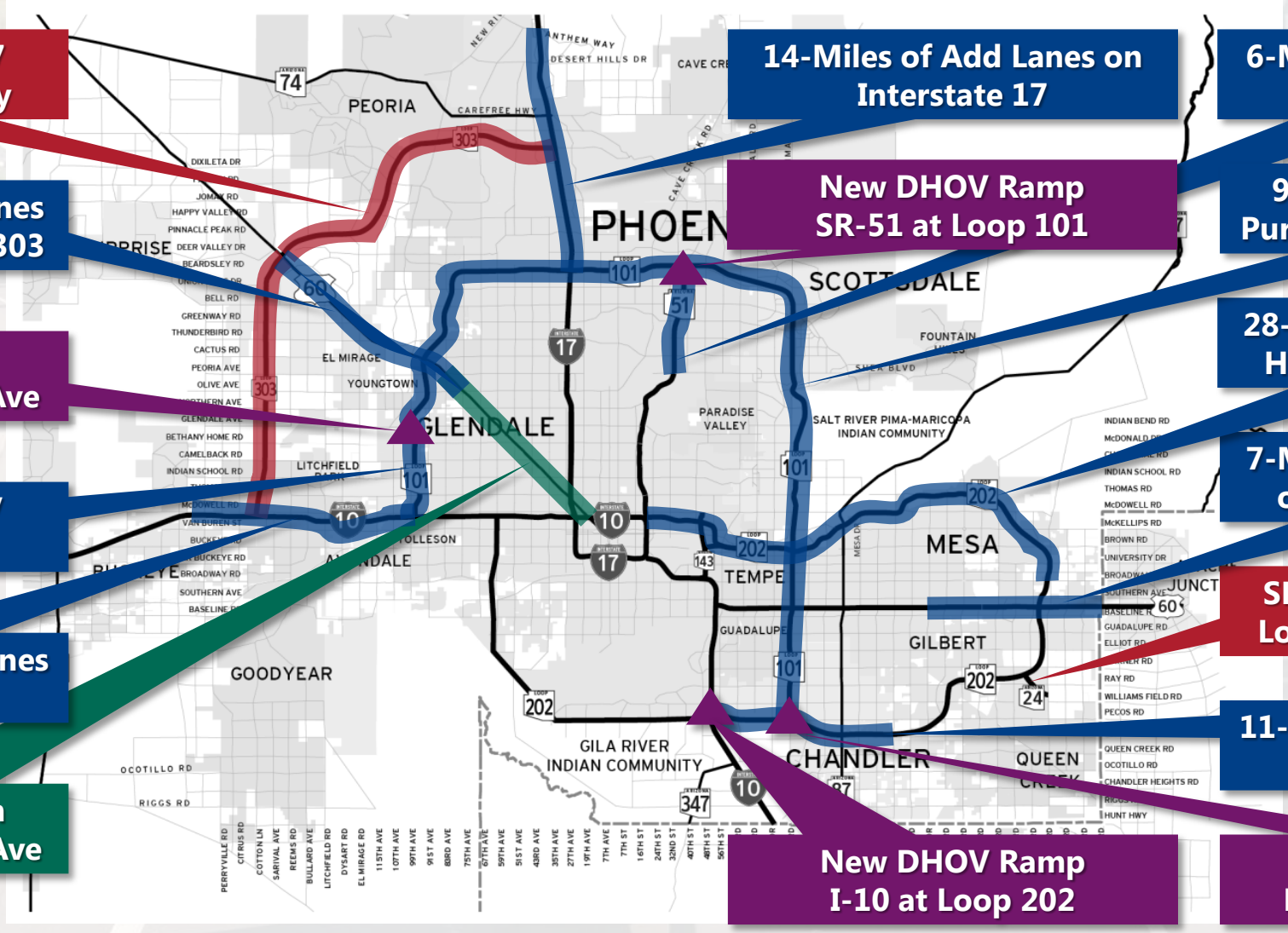
Waze is the world's largest community-based traffic and navigation app.

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Projects Completed

SINCE 2006



Loop 303, I-10 to I-17
40-mi of New Freeway

US-60 Widening to 6-lanes from 83rd Ave to Loop 303

New DHOV Ramp
Loop 101 at Maryland Ave

61-Miles of Add HOV Lanes on Loop 101

16-Miles of Add HOV Lanes on Interstate 10

US-60 Reconstruction from 83rd Ave to 19th Ave

14-Miles of Add Lanes on Interstate 17

New DHOV Ramp
SR-51 at Loop 101

New DHOV Ramp
I-10 at Loop 202

6-Miles of new HOV Lanes on SR-51

9-Miles of new General Purpose Lanes on Loop 101

28-Miles General Purpose/ HOV Lanes on Loop 202

7-Miles of Add/HOV Lanes on US-60/Superstition

SR-24/Gateway Freeway
Loop 202 to Ellsworth Rd

11-Miles of new HOV Lanes on Loop 202

New DHOV Ramp
Loop 101 at Loop 202

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Percent Complete

SINCE INITIATING THE PROGRAM IN 2006

720 Lane-Miles
General Purpose

420 Ln-Mi Open
58%

360 HOV Lane-Miles

240 Ln-Mi Open
67%

1,080 Lane-Miles
All Traffic

660 Ln-Mi Open
61%

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Remaining Projects

TO 2026

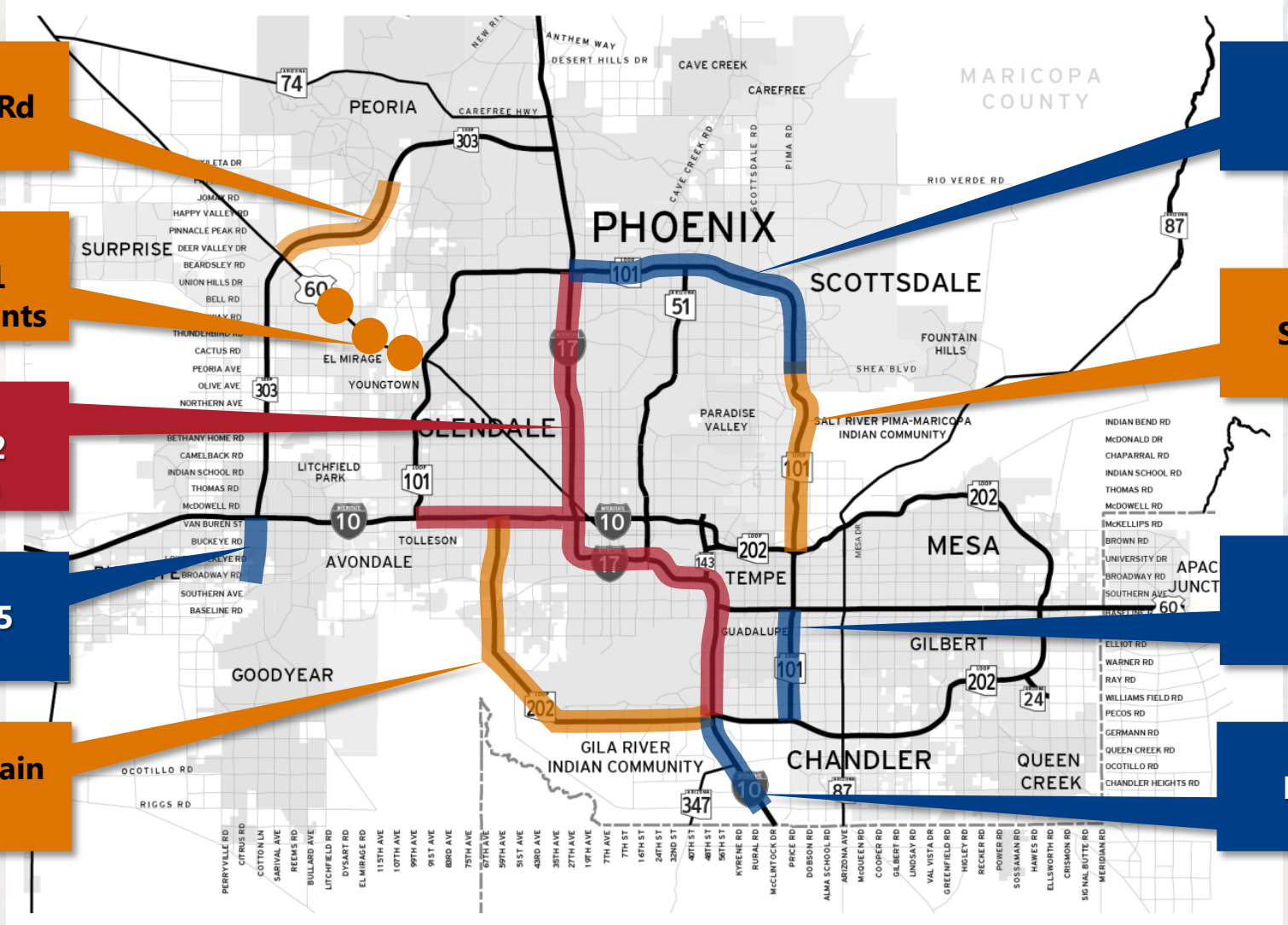
Loop 303,
US-60 to Happy Valley Rd
Add Lanes

US-60/Grand Ave
Loop 303 to Loop 101
Intersection Improvements

I-10/I-17 Spine,
Loop 101 to Loop 202
Corridor Master Plan

Loop 303,
Interstate 10 to MC-85
New Freeway

Loop 202/South Mountain
New Freeway



Loop 101,
I-17 to Shea Blvd
Add Lanes

Loop 101,
Shea Blvd to Loop 202
Add Lanes

Loop 101,
US-60 to Loop 202
Add Lanes

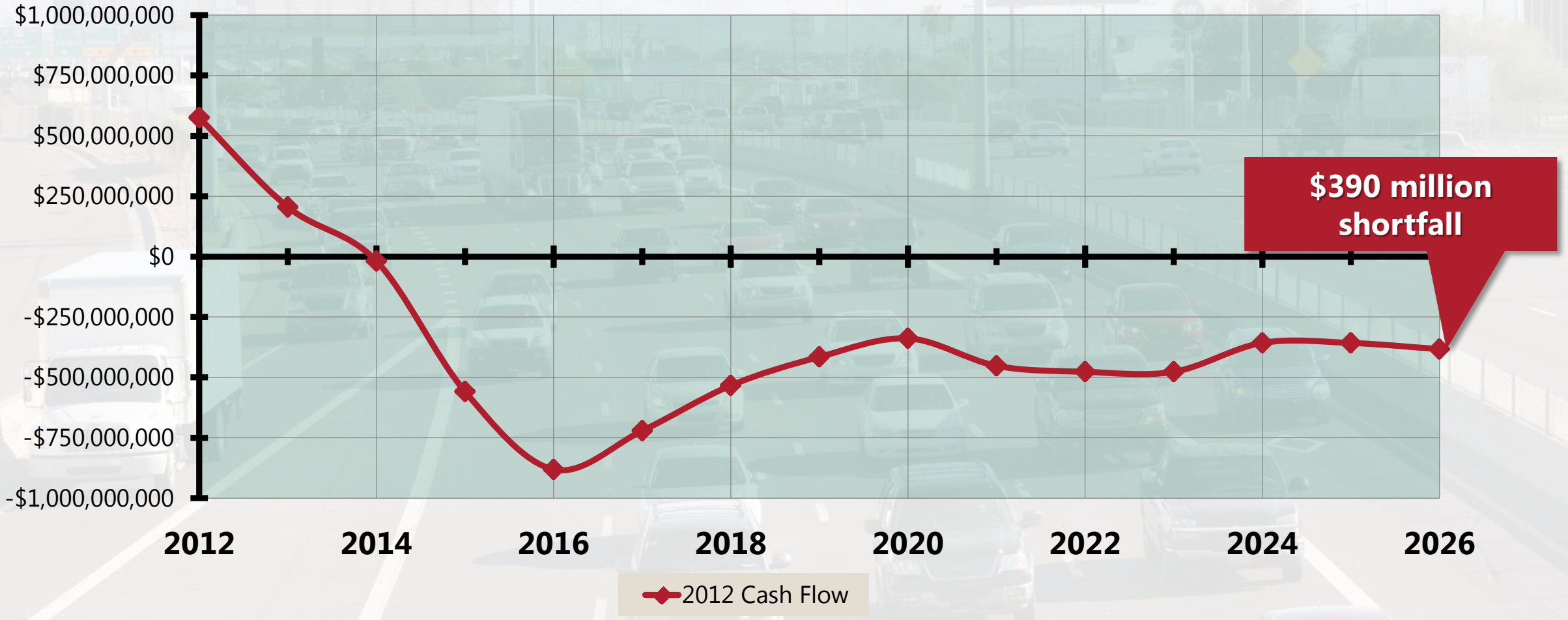
Interstate 10,
Loop 202 to Riggs Rd
Add Lanes

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Year-End Cash Flow Balances

PRESENTATION FROM 2012 REBALANCING



Source: Transportation Policy Committee, April 18, 2012.

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

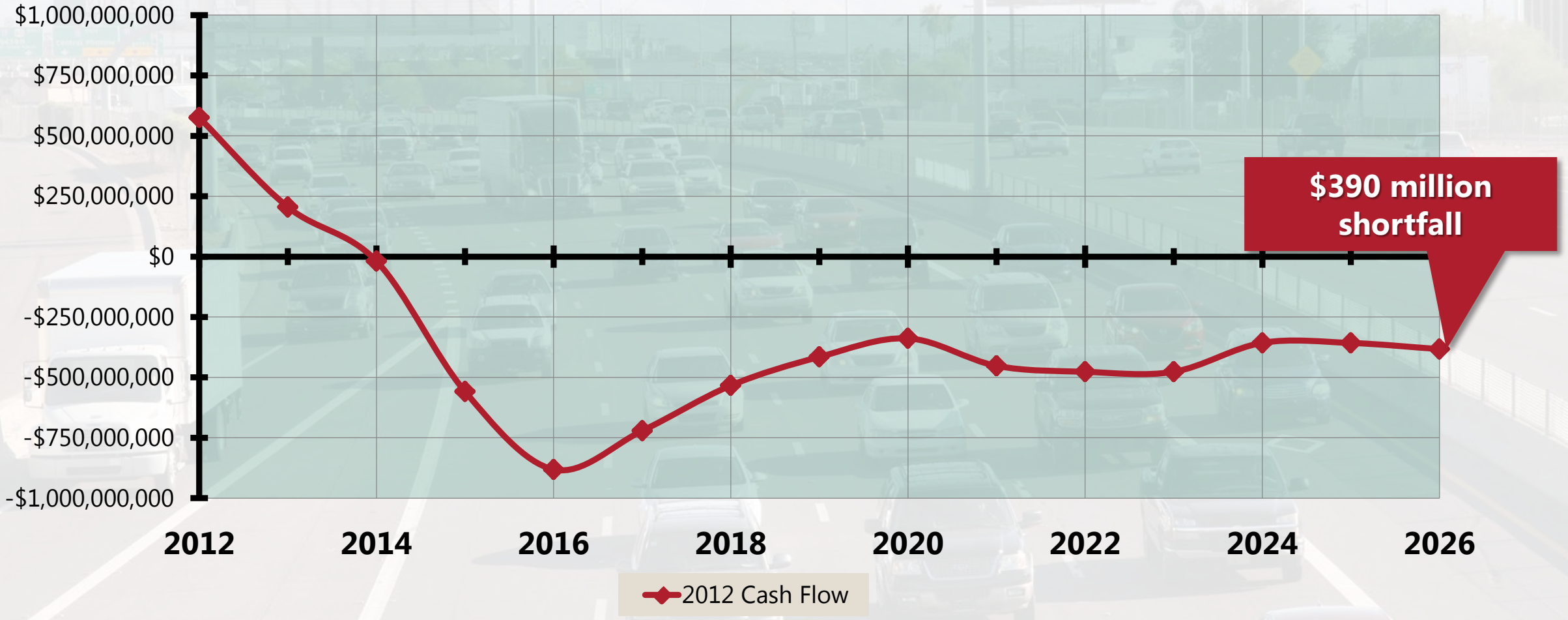
Improving Project Delivery

- Project Close Outs
- Design Innovations
- Cost Risk Analysis (CRA) Workshops
- Loop 202/South Mountain Freeway Delivery
- Revenue

©2016, All Rights Reserved.

Year-End Cash Flow Balances

PRESENTATION FROM 2012 REBALANCING



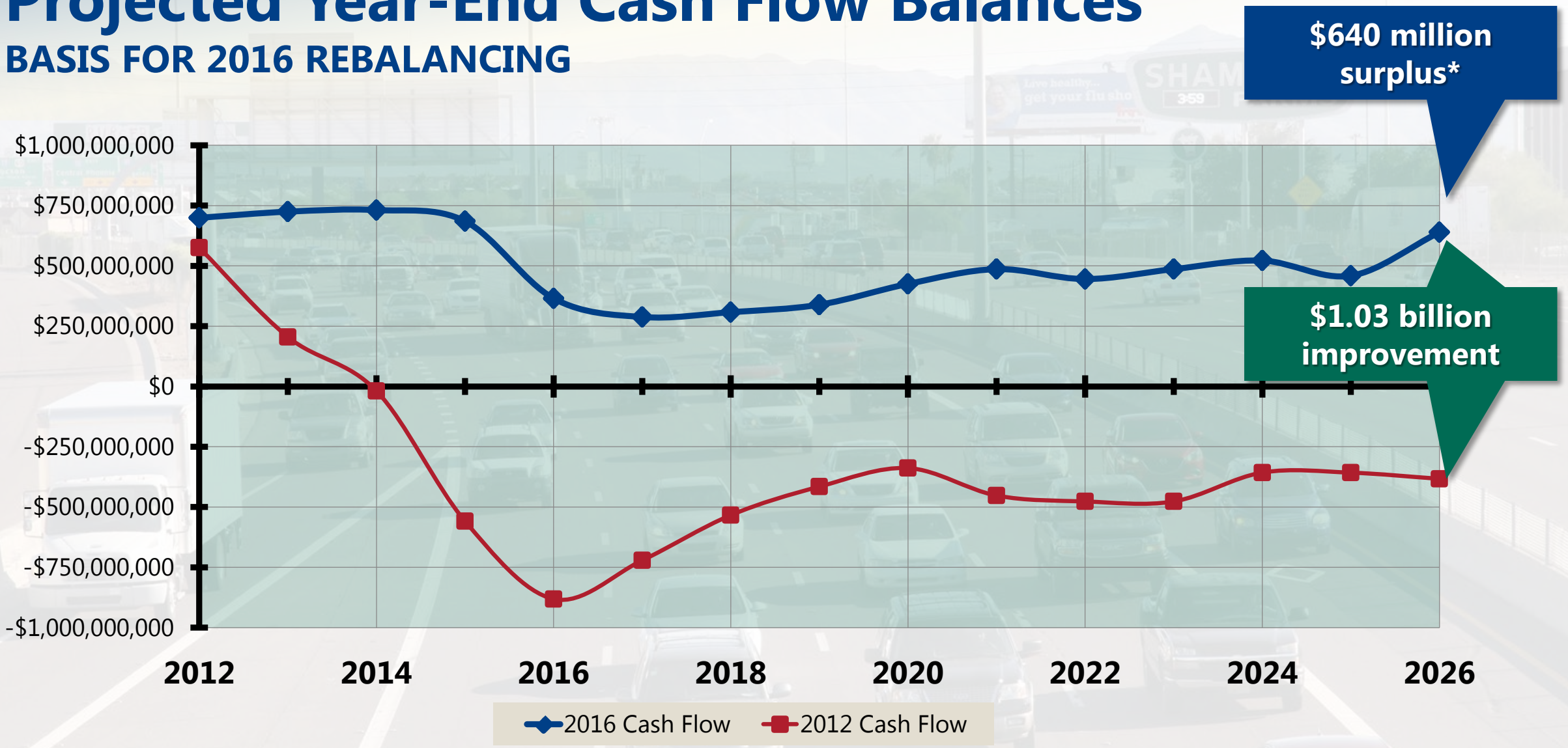
Source: Transportation Policy Committee, April 18, 2012.

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Projected Year-End Cash Flow Balances

BASIS FOR 2016 REBALANCING



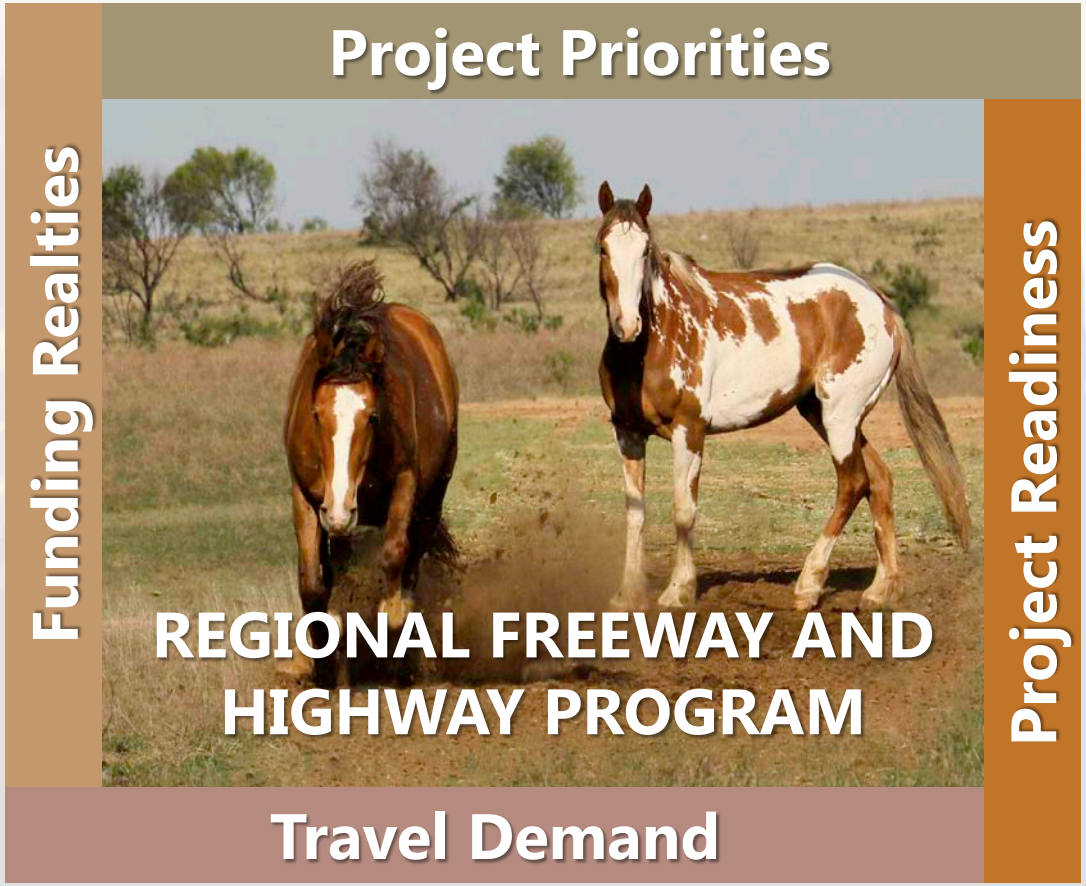
Source: ADOT and MAG Estimates, March 2016. *Contingent upon final Loop 202/South Mountain ROW costs.

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Potential 2016 Rebalancing Criteria

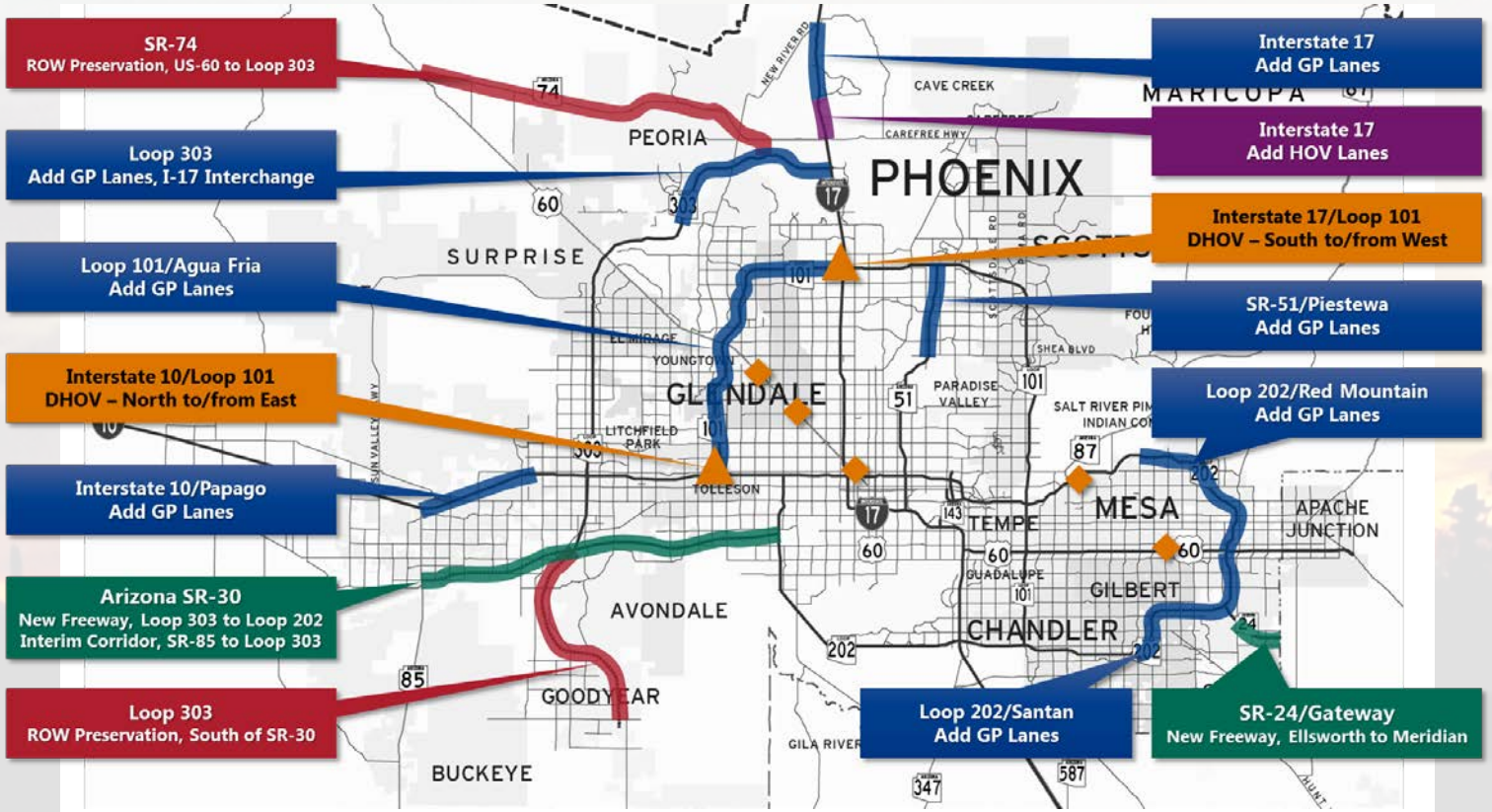
ESTABLISHING THE CORRAL



MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Project Priorities



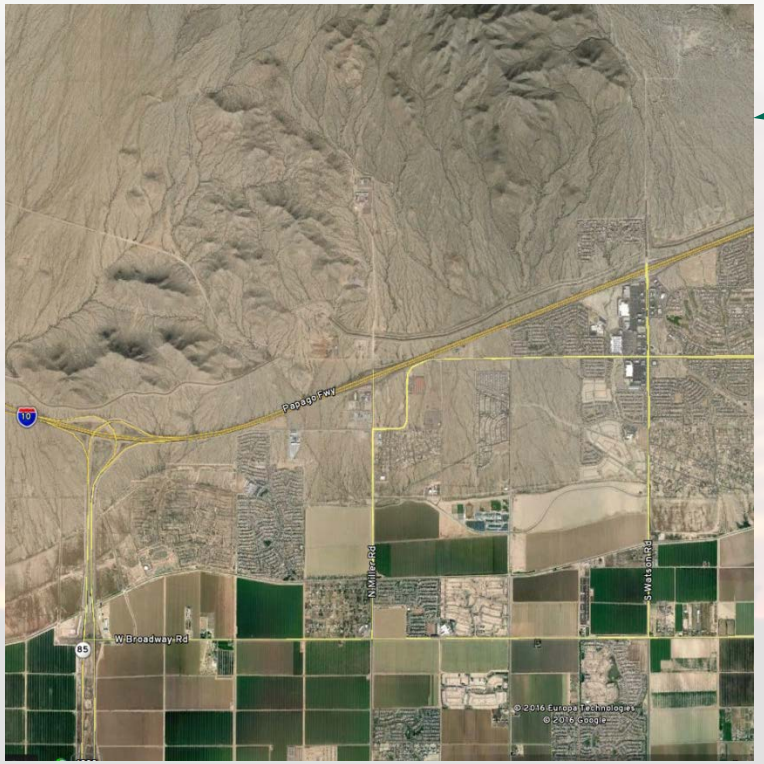
Deferred Projects from 2009 and 2012 Rebalancing

- About $7 billion deferred in 2009 and 2012.
- Current cost opinions estimates deferred projects at $2.8 billion.
- Reconstruct and New traffic interchanges:
  - I-17/Happy Valley Rd
  - I-17/Pinnacle Peak Rd
  - I-10/Miller Rd
  - I-10/Watson Rd
  - Loop 202/Lindsay Rd
- **Technology needs and operations enhancements.**

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Travel Demand



Freight Traffic growing faster than anticipated due to increased California port activities.

Safety and capacity concerns not anticipated during the widening of Interstate 17 in 2006.

Interstate 10/Papago
SR-85 to Verrado Way

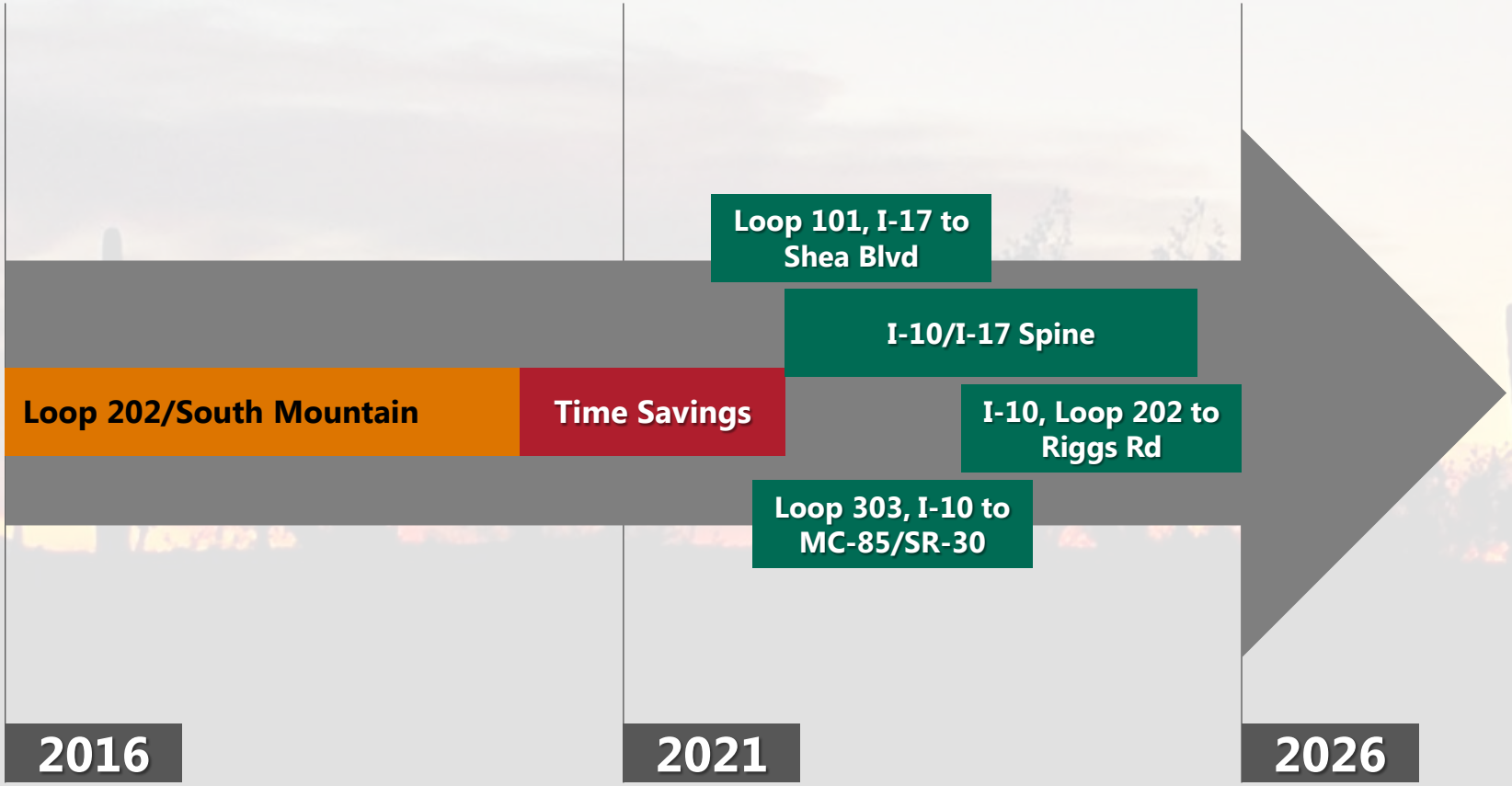
TRAFFIC CHANGES!

Interstate 17/Happy Valley Rd
Interstate 17/Pinnacle Peak Rd

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Project Readiness

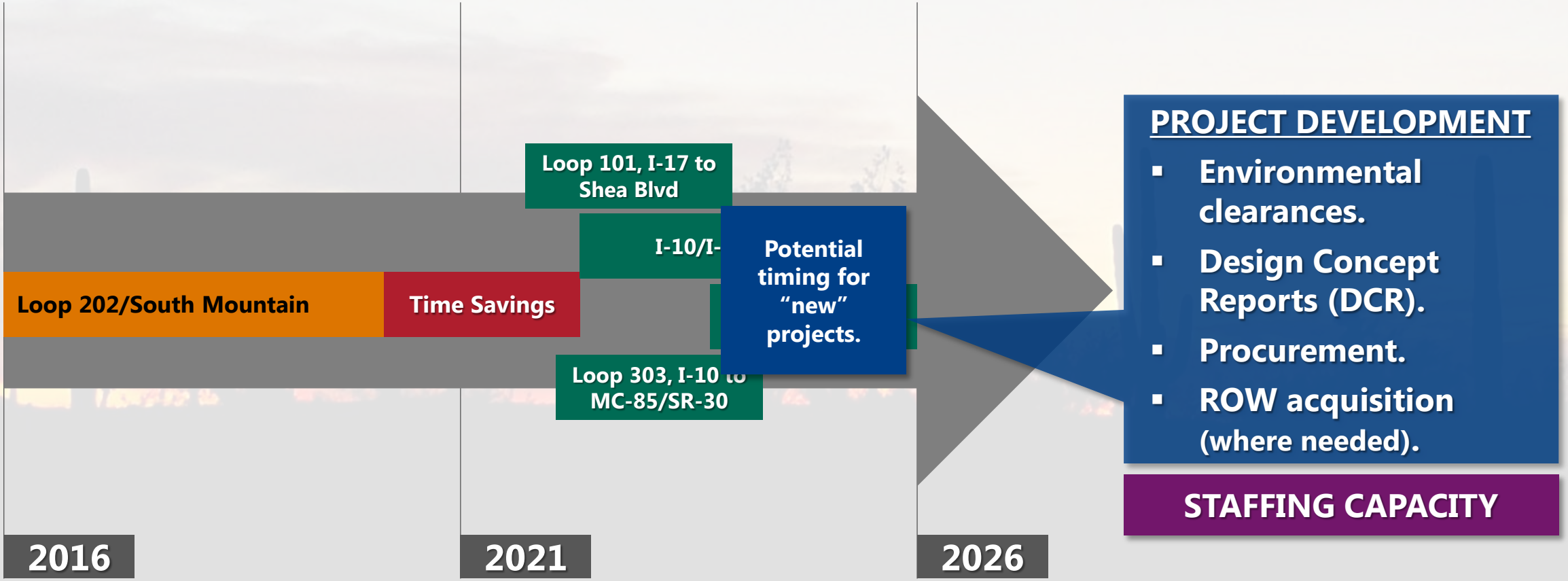


Loop 202/South Mountain project delivery advanced from 2023 to 2019.

MARICOPA ASSOCIATION of GOVERNMENTS

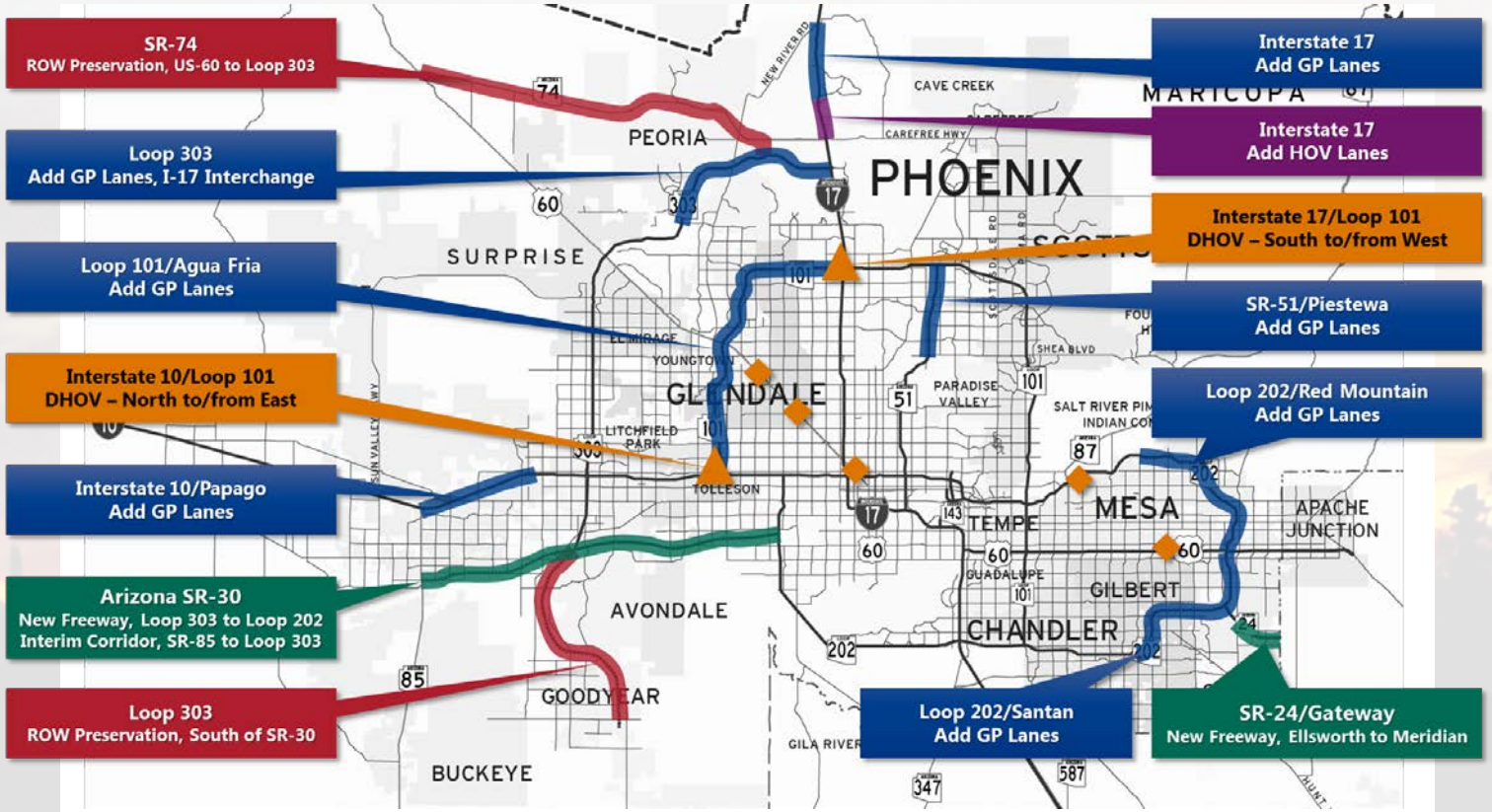
©2016, All Rights Reserved.

Project Readiness



©2016, All Rights Reserved.

Funding Realities



Deferred Projects from 2009 and 2012 Rebalancing

- Revenue streams, the Regional Area Road Fund (RARF, half-cent sales tax) and Highway Users Revenue Fund (HURF, gas tax), are tied to the economy.
- FAST Act legislation good through 2020; subject to congressional approval of the federal funding stream.

Recommend phased-approach to program **$500 million** of the surplus until future economic conditions are known.

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Next Steps

- Identify potential scenario(s) for **June 15, 2016** TPC meeting.
- Revised as needed and provide scenario recommendation in **August**.
- Move recommended scenario for approval by MAG Regional Council in either **September** or **October**.
- Amend Regional Transportation Plan and conduct Air Quality Conformity Analyses following Regional Council adoption.

Happy Valley Rd Traffic Interchange, Phoenix

MARICOPA ASSOCIATION of GOVERNMENTS

©2016, All Rights Reserved.

Regional Freeway and Highway Program Update - 2016 Rebalancing

Bob Hazlett
Senior Engineering Manager
bhazlett@azmag.gov
602 254-6300

MARICOPA ASSOCIATION of GOVERNMENTS

INTERSTATE 10 LOOP 303 System Traffic Interchange, Goodyear

©2016, All Rights Reserved.