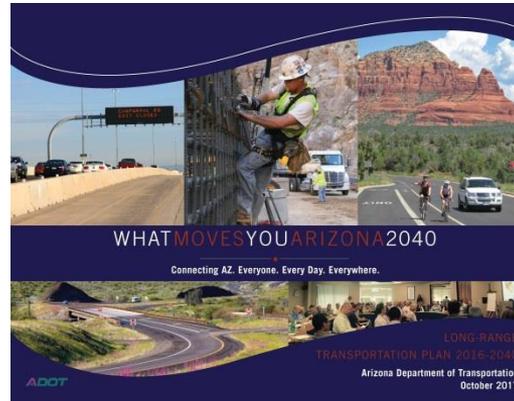


WHAT MOVES YOU ARIZONA 2040

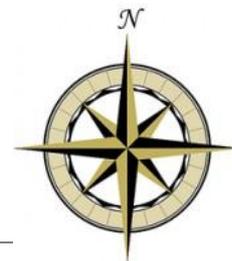
Long-Range Transportation Plan 2016-2040



Presented to State Transportation Board
October 20, 2017

WMYA 2040

Purpose & Themes



- ▶ Provide policy direction to ADOT, MPOs, COGs and Other Partners on transportation performance, needs & priorities
- ▶ Establish a data-driven, performance-based policy framework to guide future project recommendations to the Board
- ▶ Focus on defining a Recommended Investment Choice (RIC) to help ADOT best invest limited resources in the state system
- ▶ Address statutory requirement for 5-Year Plan Update

WMYA 2040

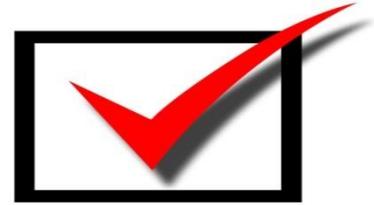
Performance: FHWA Goals



- ▶ ***Safety:*** Reduce fatalities and serious injuries
- ▶ ***Infrastructure Conditions:*** NHS in state of good repair
- ▶ ***Congestion Reduction:*** On NHS, in particular
- ▶ ***System Reliability:*** Surface transportation efficiency
- ▶ ***Freight Movement & Economic Vitality:*** Access to markets
- ▶ ***Environmental Sustainability:*** Protect/enhance environment

WMYA 2040

Citizen & Stakeholder Input



400+
MEETING
ATTENDEES



14,347
WEBSITE
HITS



312,428
FACEBOOK
REACHES



5,958
SURVEY
RESPONDENTS

WMYA 2040

Stakeholder Workshop – Aug 2016



- ▶ **Broad Stakeholder Participation**
- ▶ **Used Decision Lens to gauge performance**
- ▶ **Results influenced Plan recommendation**

Add photo of workshop

WMYA 2040

Citizen Survey Results



- ▶ Preference for System Preservation
- ▶ Expansion focus stronger in large Metro Areas
- ▶ All projects promote Safety

How Stakeholders Think ADOT Should Allocate Funding

PER \$100

Preservation & Maintenance



Expansion



Safety



Technology



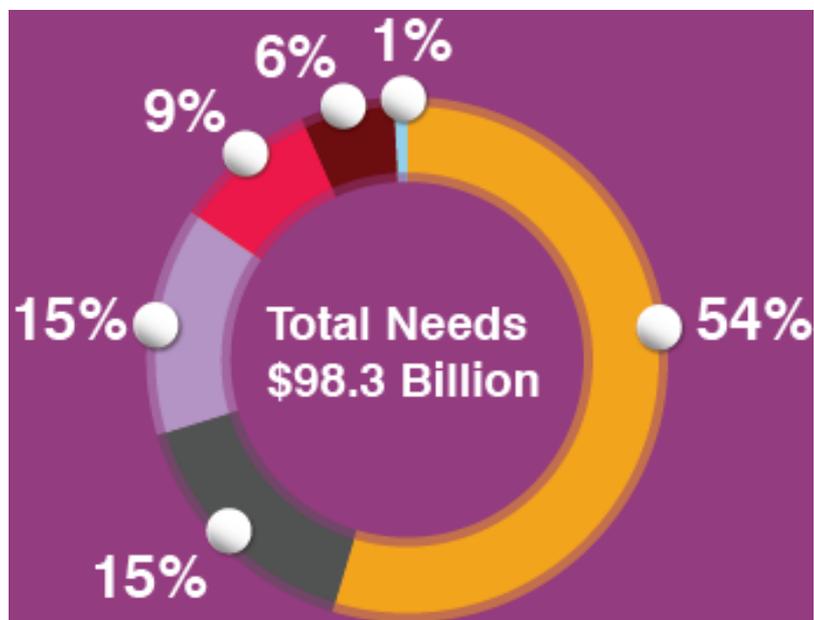
Accessibility



= \$5 \$15 \$25 \$35 \$45

WMYA 2040

Needs – All Modes



WMYA 2040

Categories of Highway Need/Investment



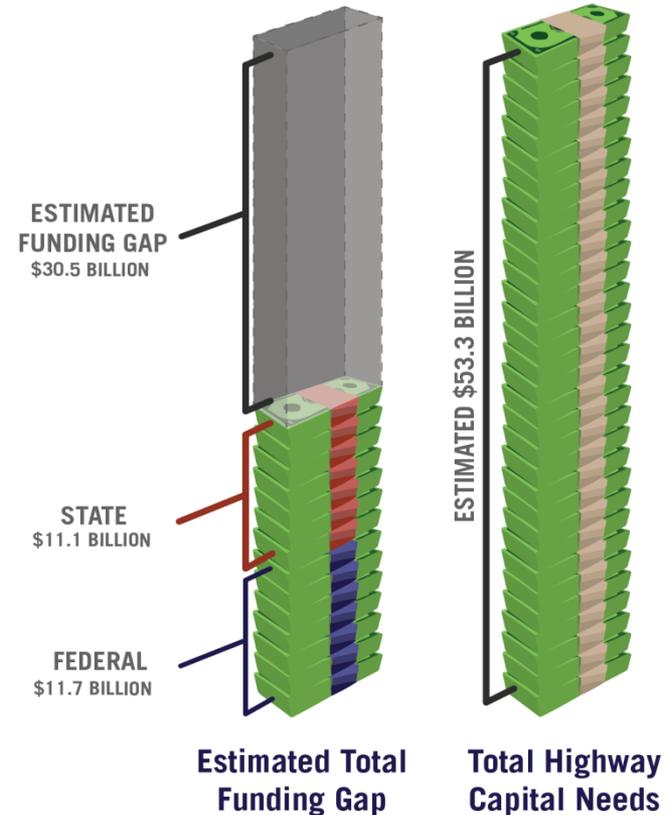
- ▶ ***Preservation:*** Investment to keep pavement smooth and maintain bridges
- ▶ ***Modernization:*** Non-capacity investment that improves safety & operations (e.g. adding shoulders or smart technology)
- ▶ ***Expansion:*** Investment that adds capacity to the highway system (e.g. new roads, added lanes or new interchanges)

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25-Year Highway Needs

- ▶ Preservation = \$9.236 B
- ▶ Modernization = \$9.962 B
- ▶ Expansion = \$34.054 B
- ▶ Total = \$53.3 B

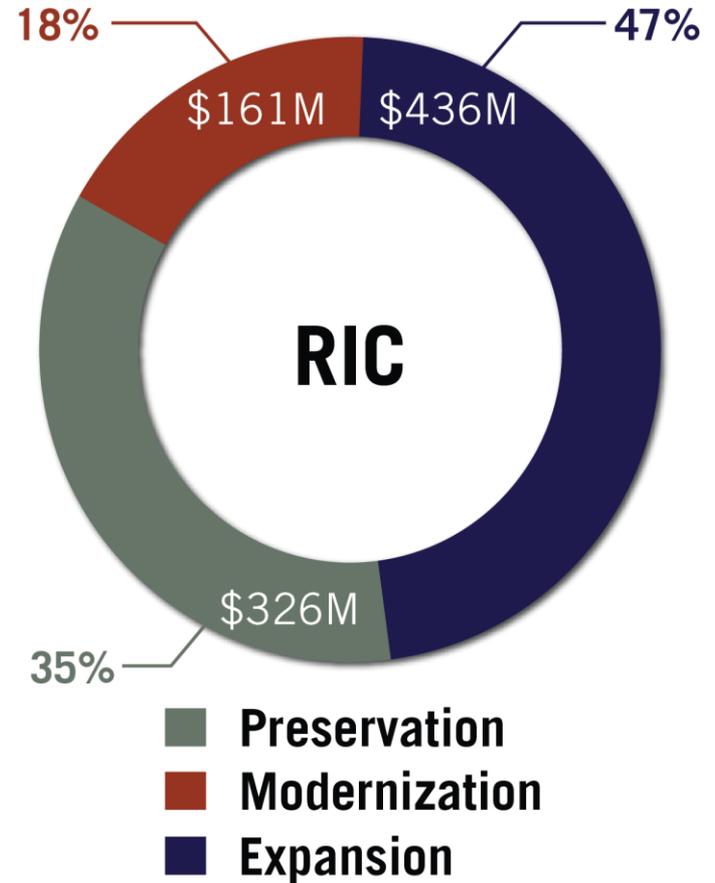
2016-2040 Revenue Forecast



WMYA 2040

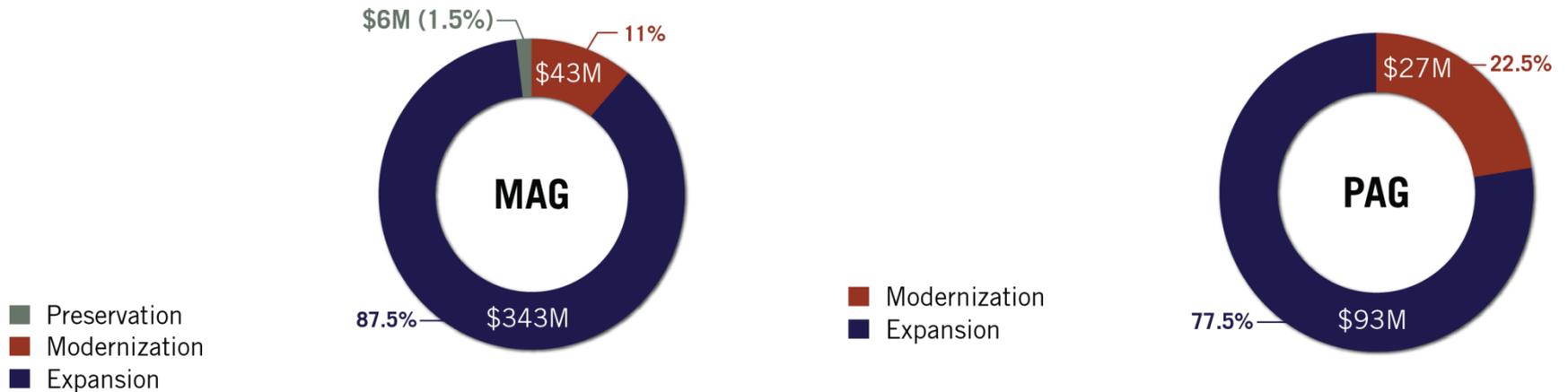
Recommended Investment Choice - Statewide

- ▶ System Preservation Needs Statewide
- ▶ Expansion focus in large Metro Areas
- ▶ Safety remains a priority



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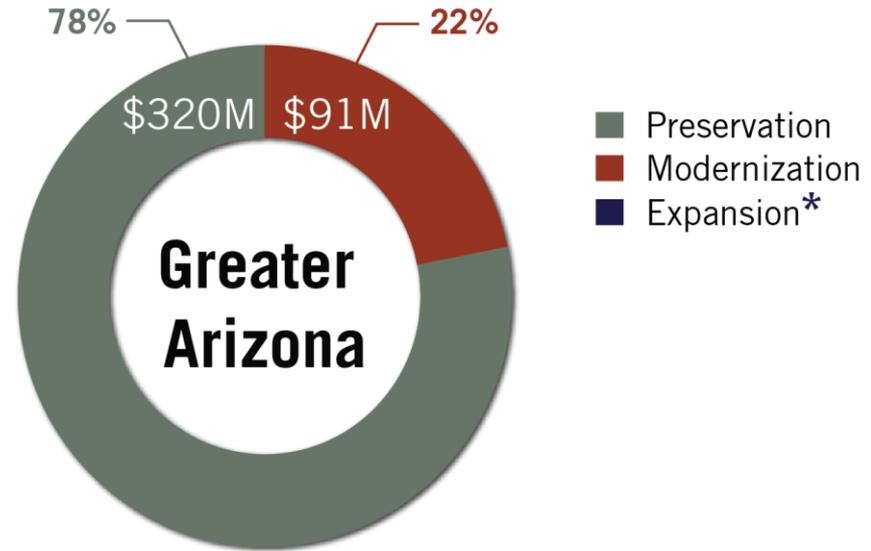
RIC – MAG and PAG – Expansion Focus



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Recommended Investment Choice – Greater Arizona

- ▶ **System Preservation is Priority**
- ▶ **Fund the Highway Safety Improvement Program and Avoid System Obsolescence**
- ▶ *** Up to 5% of funding reserved for Expansion *only* to match federal grants or leverage third party contributions (*or* if Revenues incr.)**



WMYA 2040

Addressing Pavement Preservation

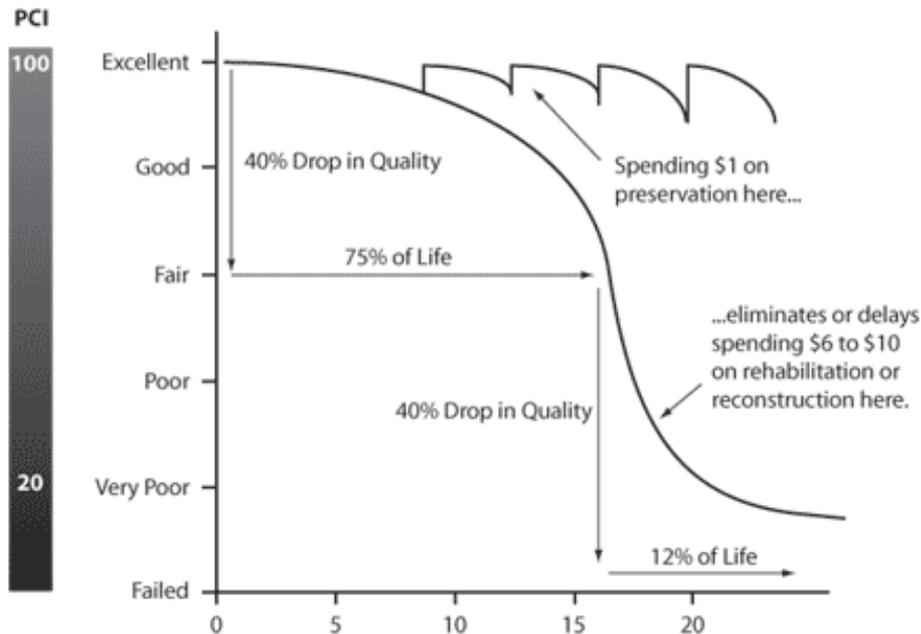


Insert bar graph
showing trend of
increase in poor/fair
pavement

Source:
ADOT MPD

WMYA 2040

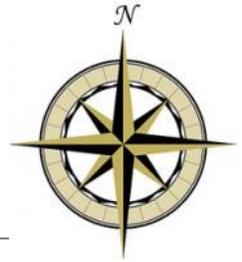
Addressing Pavement Preservation



(PCI – Pavement Condition Index)

WMYA 2040

Summary and Recommendation



- ▶ **Greater Arizona:** Focus on Preservation of state highways and bridges, and keep safety a high priority; work with MPOs/COGs
- ▶ **MAG and PAG:** Respect their federal designation as leads for metro area planning; preserve state highways as appropriate
- ▶ **Projects:** Use this Plan framework to guide ADOT project recommendations to the Board thru Five-Year Program process
- ▶ **Request Action:** Adopt Tentative Plan for 45-day public review