MEMORANDUM

Date: January 16, 2018

To: The Honorable Chair and Members
Pima County Board of Supervisors

From: C.H. Huckelberry
County Administrator

Re: **Arizona Association of County Engineers - Roadway Needs Study Draft Study Findings**

Attached is a recent report by the Arizona Association of County Engineers that confirms every county in Arizona is in critical need of additional transportation funding. I have highlighted these same issues to the Board of Supervisors for the last eight years.

The article shows not all transportation agencies in every county throughout Arizona can adequately maintain their roads. Most counties report they are uncertain if they will be able to maintain their transportation system for the next 10 years.

Highway User Revenue Funds (HURF) and Vehicle License Taxes are stagnant; the gas tax has not been increased in 27 years; there are no funds available for capacity or mobility improvements; and legislative sweeps of the HURF continue at significantly high amounts. The solution is obvious – more revenues are necessary. Taxes at the State level remain tepid leaving each individual county to fend for itself. Many counties have and will continue to enact new taxes, primarily sales taxes, to supplement traditional transportation revenue and tax sources.

13 out of 15 counties now have a General Fund Excise tax. Seven counties have a Jail Excise Tax and two counties have a Health Hospital Services Excise Tax. One county has a secondary Jail District Property Tax. Four counties have a secondary Health/Hospital District Property Tax. Pima County does not have any of these taxes.

It is clear Pima County must adopt a General Fund sales tax to address road repair, both in the unincorporated area of the County as well as in all cities and towns in Pima County.

CHH/anc

Attachment

c: Carmine DeBonis, Jr., Deputy County Administrator for Public Works
Ana Olivares, Director, Transportation Department
Chair and Members, Sales Tax Advisory Committee
Chair and Members, Transportation Advisory Committee

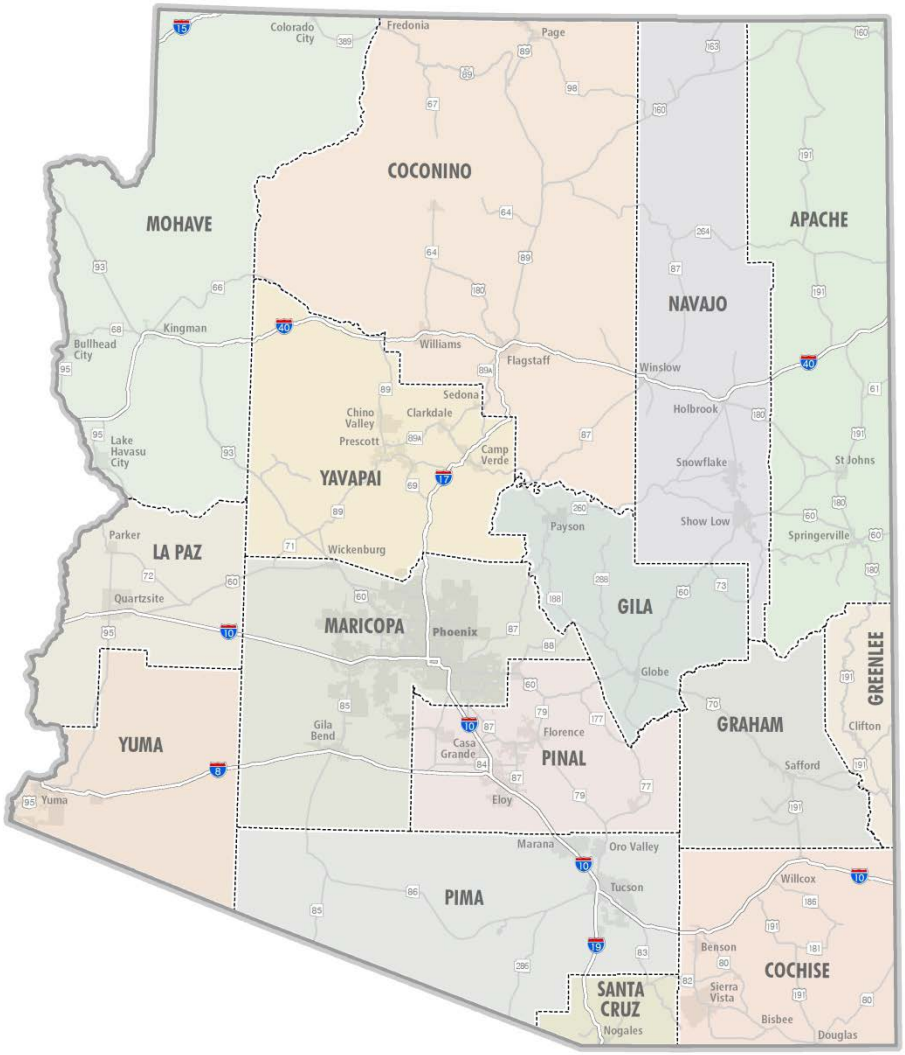
ARIZONA ASSOCIATION OF COUNTY ENGINEERS

ROADWAY NEEDS STUDY

Draft Study Findings

Study Overview

- Fifth update
- Purpose:
  - » Evaluate roadway and bridge conditions
  - » Assess funding shortfalls
  - » Educate



Source: Arizona Department of Transportation 2015; Arizona Land Resource Information System 2015

Study Elements

- ✓ Evaluated 10% of county roadway system
- ✓ Planning-level analysis:
  - pavement
  - bridge evaluation
  - safety conditions
- ✓ Developed planning-level cost estimates to preserve and maintain system

What study does not include:

- ✖ New capacity related projects
- ✖ Transit, pedestrian, bicycle, and trail infrastructure
- ✖ Detailed safety evaluations
- ✖ Engineering level cost estimates

The Current System

ARIZONA COUNTIES

TOTAL COUNTY MILEAGE*	20,800 mi
PAVED ROAD MILEAGE	9,100 mi
UNPAVED ROAD MILEAGE	11,700 mi

* County owned and maintained roads

DID YOU KNOW?

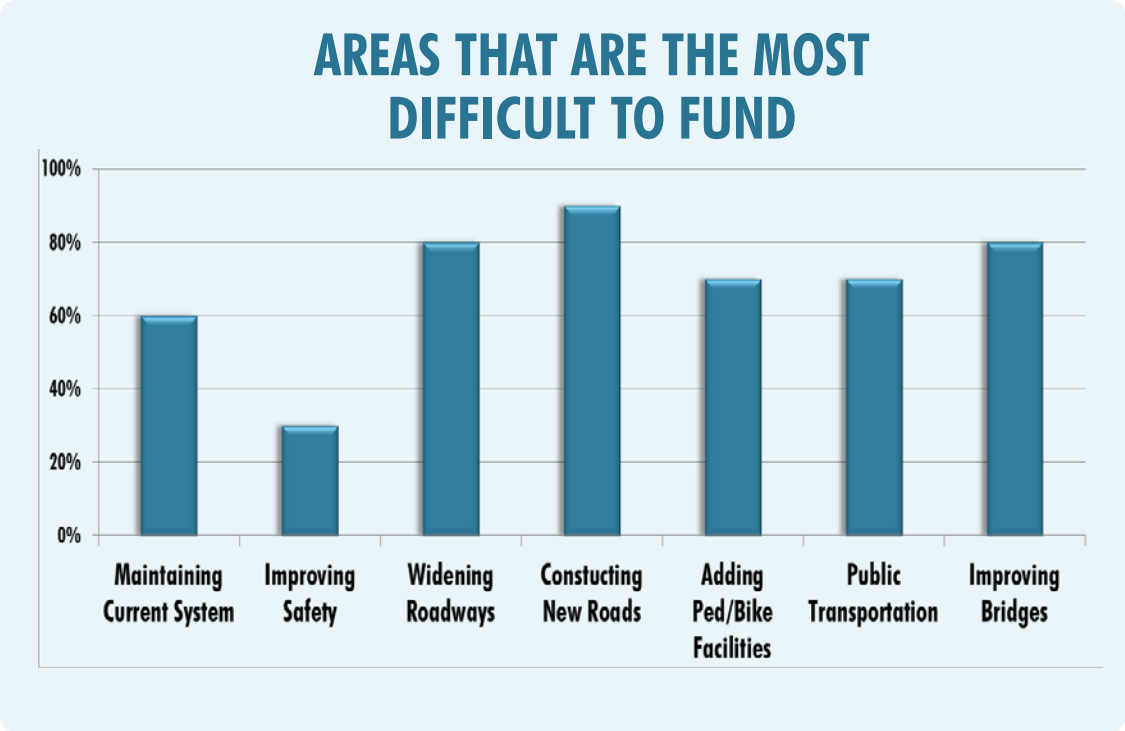
1.4 million
2016 UNINCORPORATED COUNTY POPULATION

1.7 million
2027 UNINCORPORATED COUNTY POPULATION

21 PERCENT
Population increase

Arizona County Engineers Survey

- Inadequate funding :
  - » Hire and retain skilled personnel
  - » Replace aging infrastructure
  - » Maintain current system



Arizona County Engineers Survey

50% DAILY CALLS
regarding roadway conditions

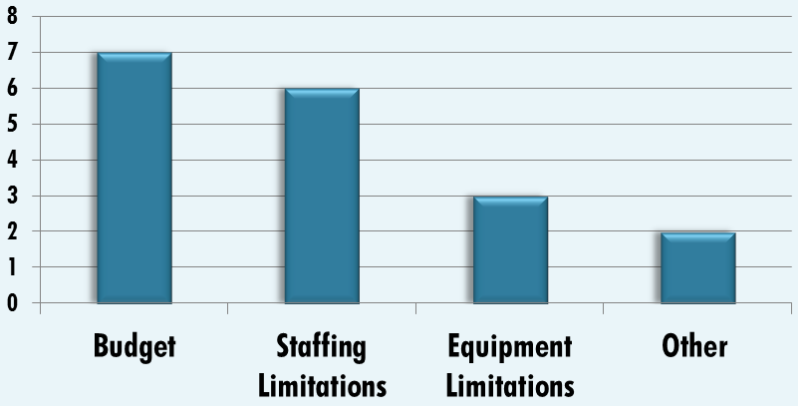
90% DELAY
repairs and maintenance due to budget constraints

NEW ROADS
first program for budgets cuts

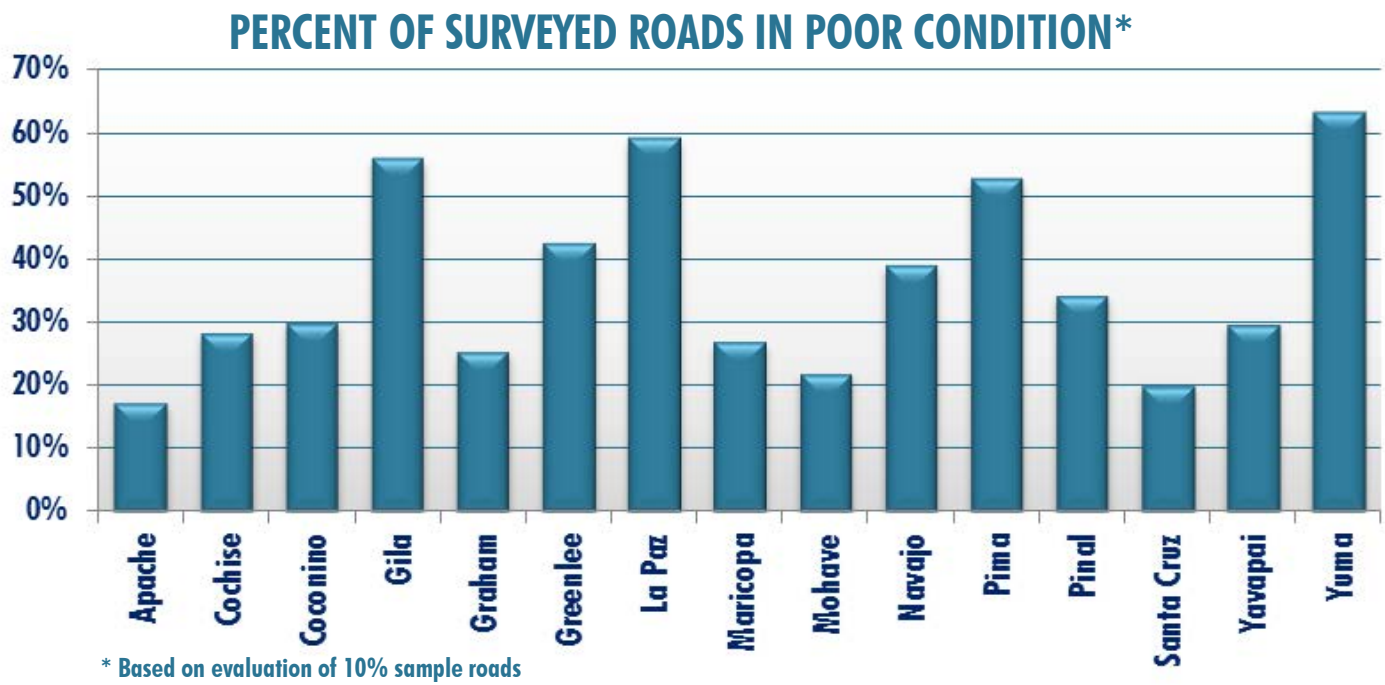
ADDITIONAL STAFF
cited as the primary resource the counties are lacking

70% NOT CONFIDENT
they can maintain their roadway network for the next 10 years

WHAT STANDS IN THE WAY OF MAINTENANCE



Current Roadway Conditions

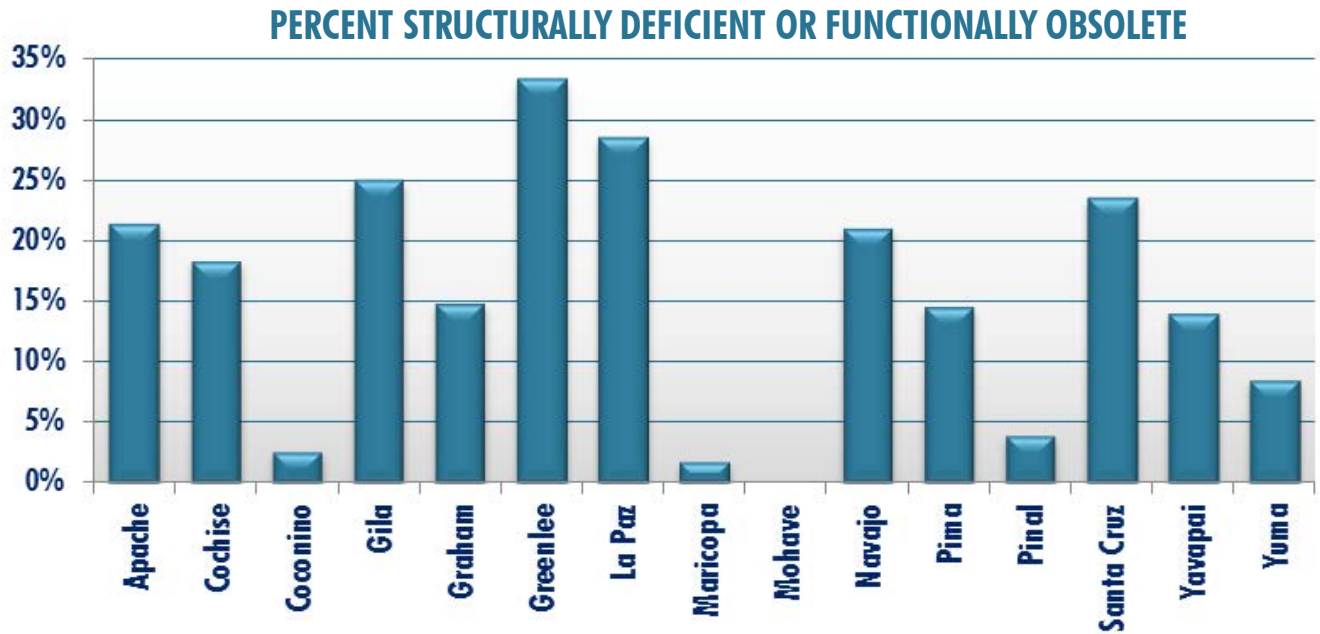


35 PERCENT
COUNTY MAINTAINED ROADS IN POOR TO VERY POOR CONDITION

$1.65 BILLION
COST TO BRING ROADS TO A STATE-OF-GOOD-REPAIR

$885 MILLION
COST TO MAINTAIN ROADWAYS FOR THE NEXT TEN YEARS

Current Bridge Conditions



10 PERCENT
COUNTY MAINTAINED BRIDGES ARE STRUCTURALLY DEFICIENT OR FUNCTIONALLY OBSOLETE

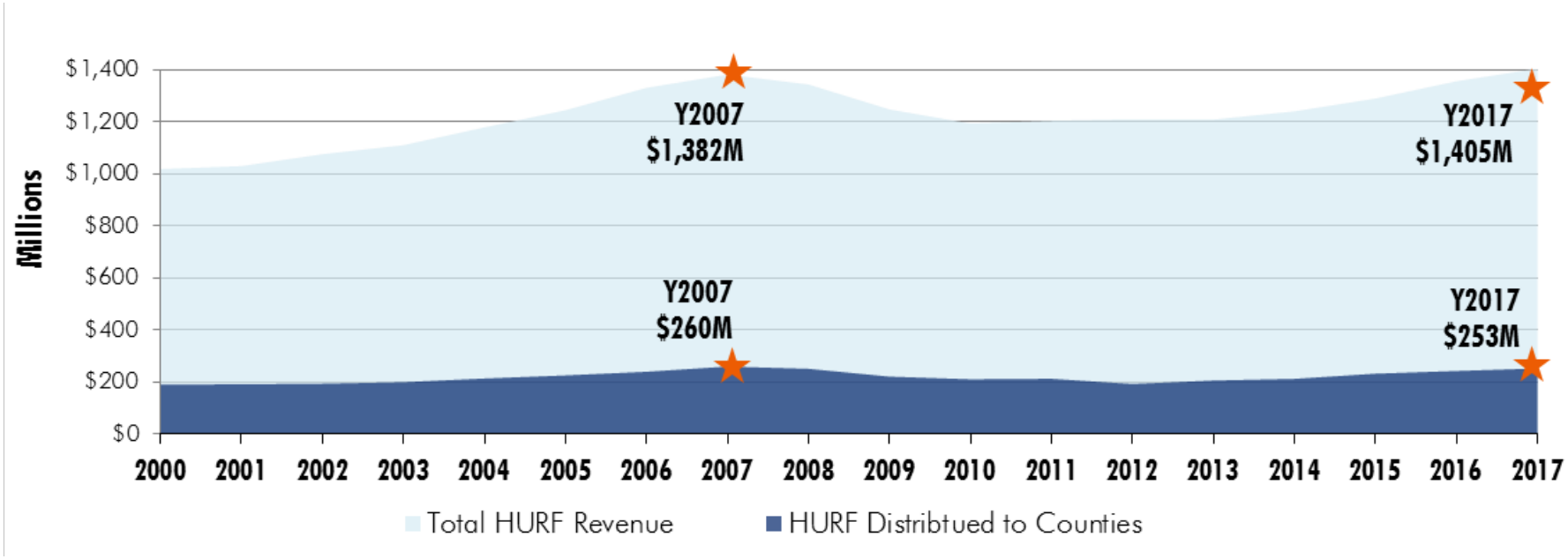
$204 MILLION
COST TO BRING BRIDGES TO A STATE-OF-GOOD-REPAIR AND MAINTAIN FOR THE NEXT 10 YEARS

24 PERCENT
50 YEARS OR OLDER

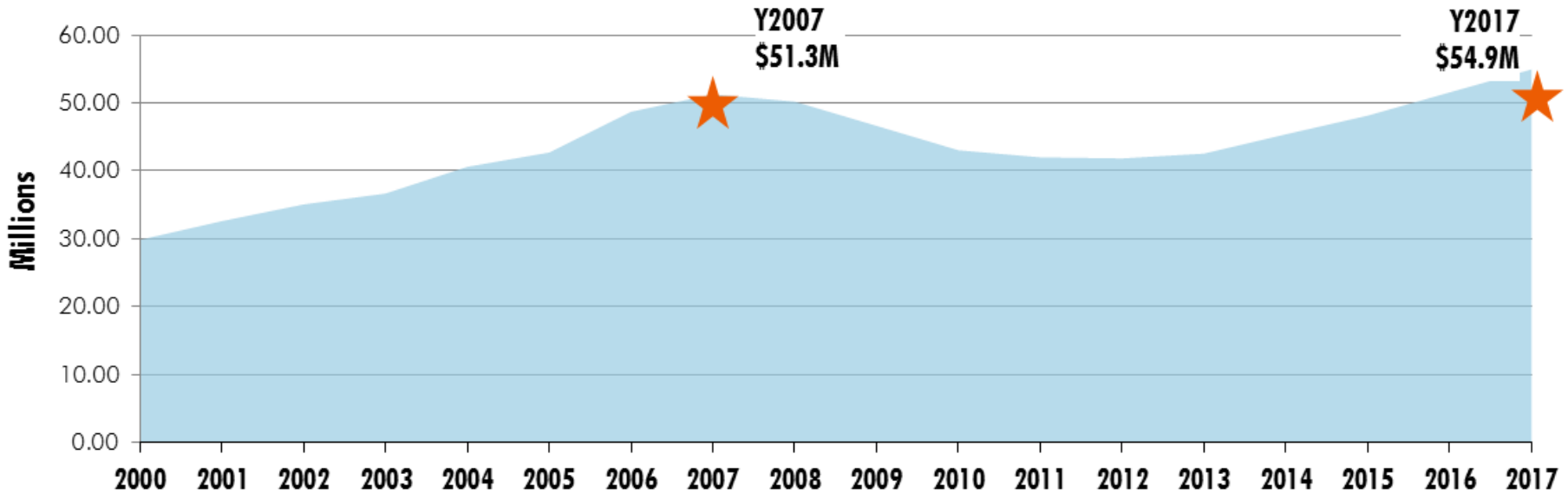
36 YEARS
AVERAGE AGE OF BRIDGES

18.8 MILES
AVERAGE DETOUR LENGTH

Revenue Sources – Highway User Revenue Funds (HURF)

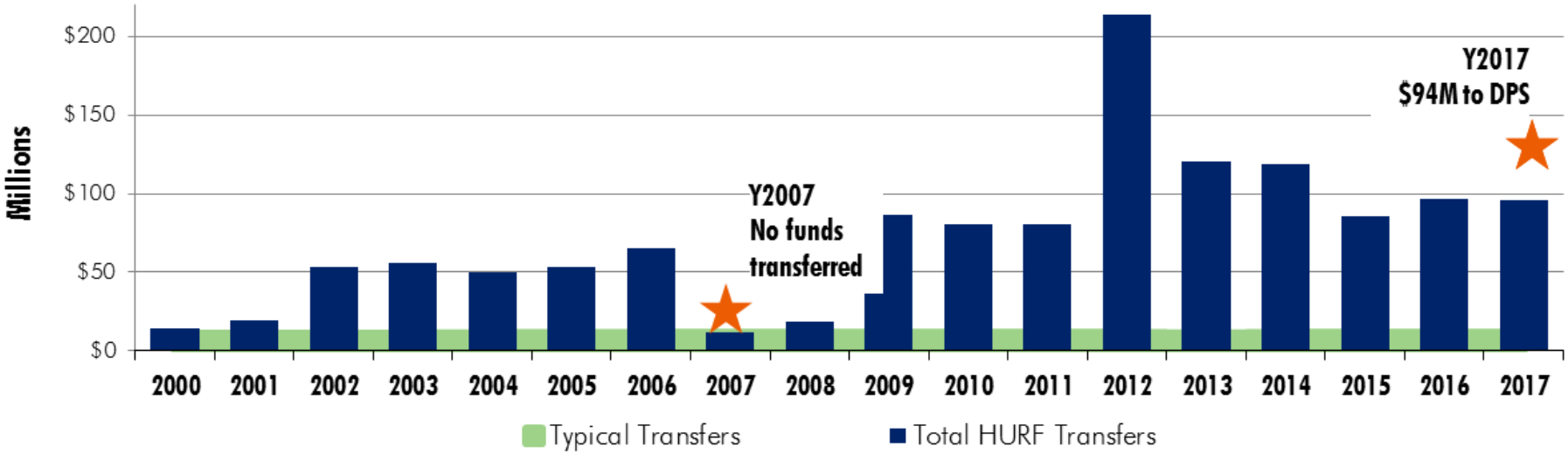


Revenue Sources – Vehicle License Tax (VLT)



Funding Issues – HURF Sweeps

Since 2000, 240 million of HURF funds have been transferred to support MVD and DPS

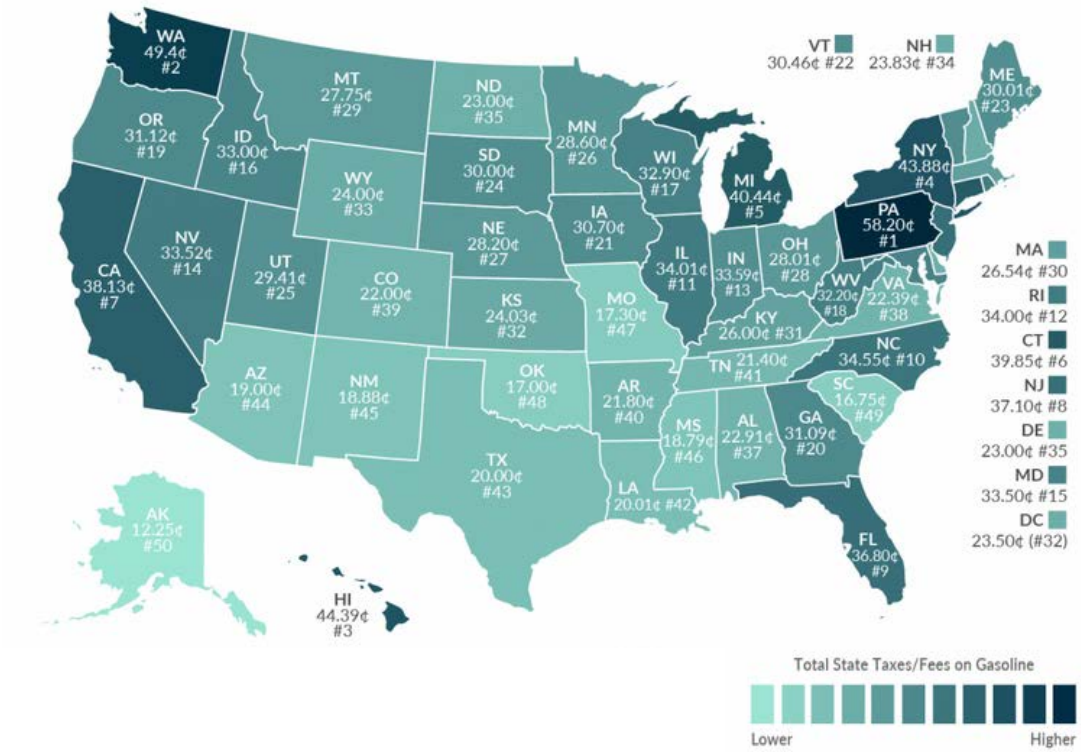


Funding Issues - Gasoline Excise Tax

- Gasoline excise tax is the primary source of HURF funds.

7th lowest rate in the nation

Have not been raised for 27 years



Funding Issues – Declining Purchasing Power

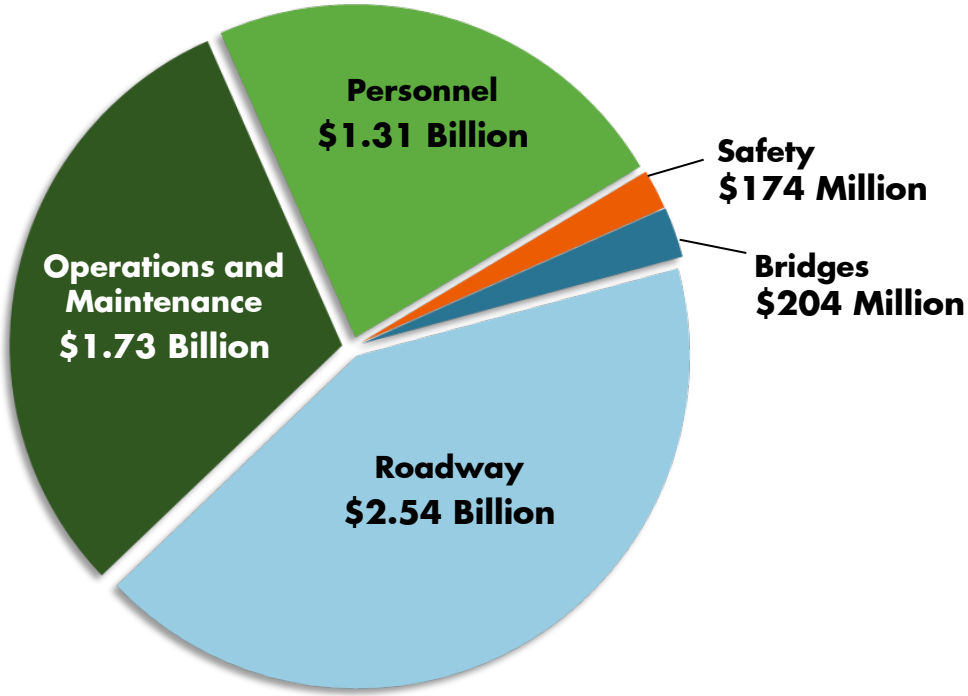
+65% increase
Personnel costs

+80% increase
Construction costs

VALUE OF THE DOLLAR
$1 in 1998 = $0.66 Now

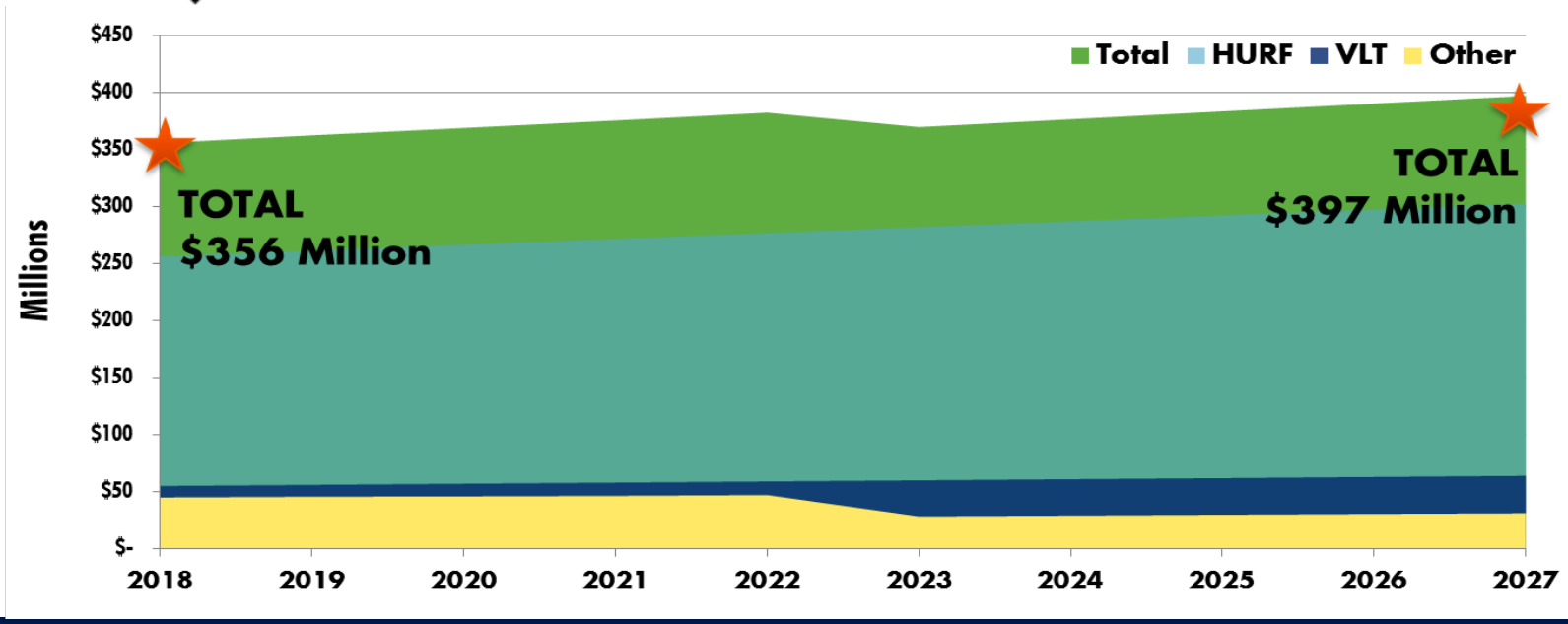
Projected Expenditure Needs

$5.96 Billion

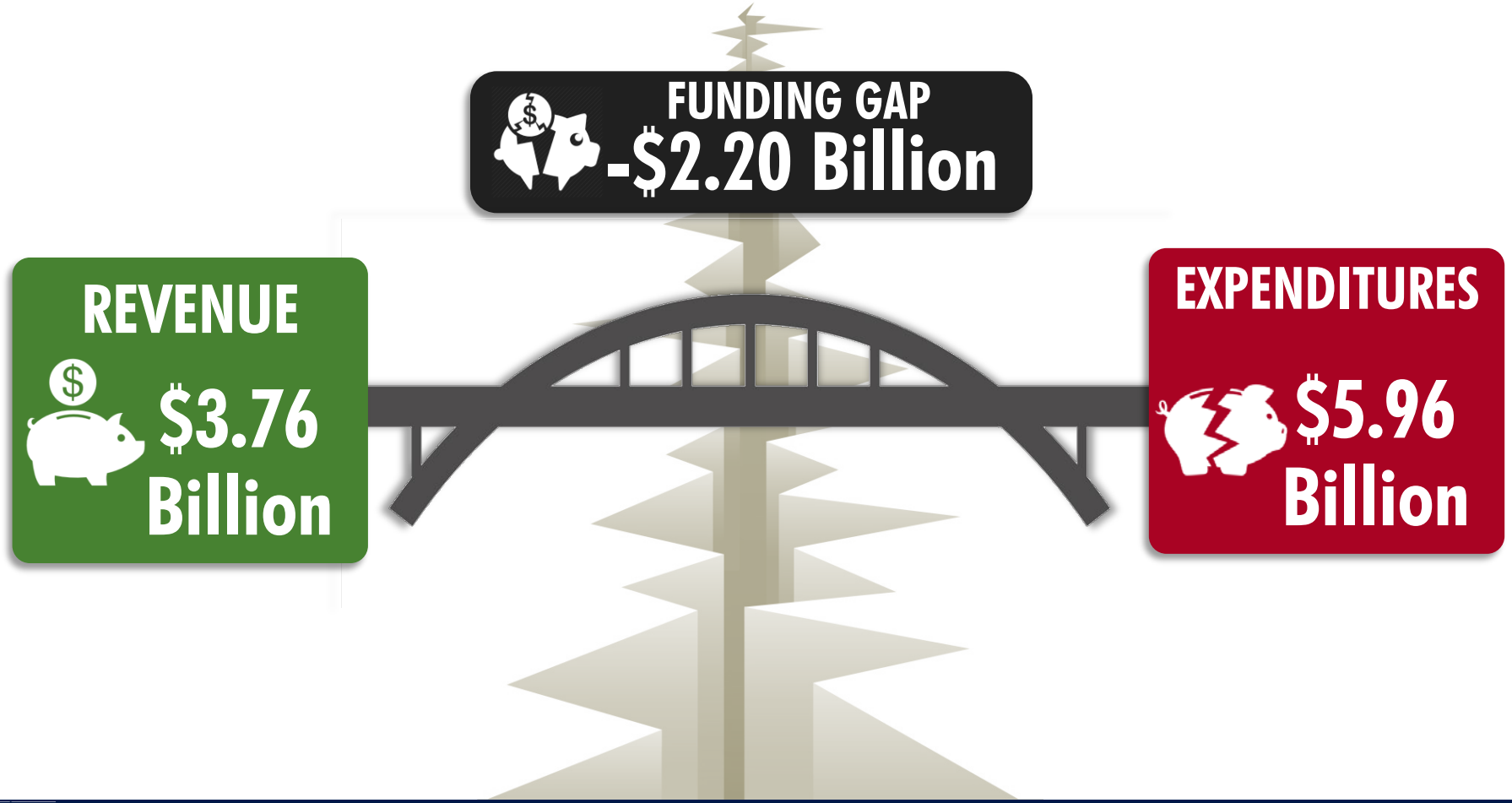


Projected Revenues

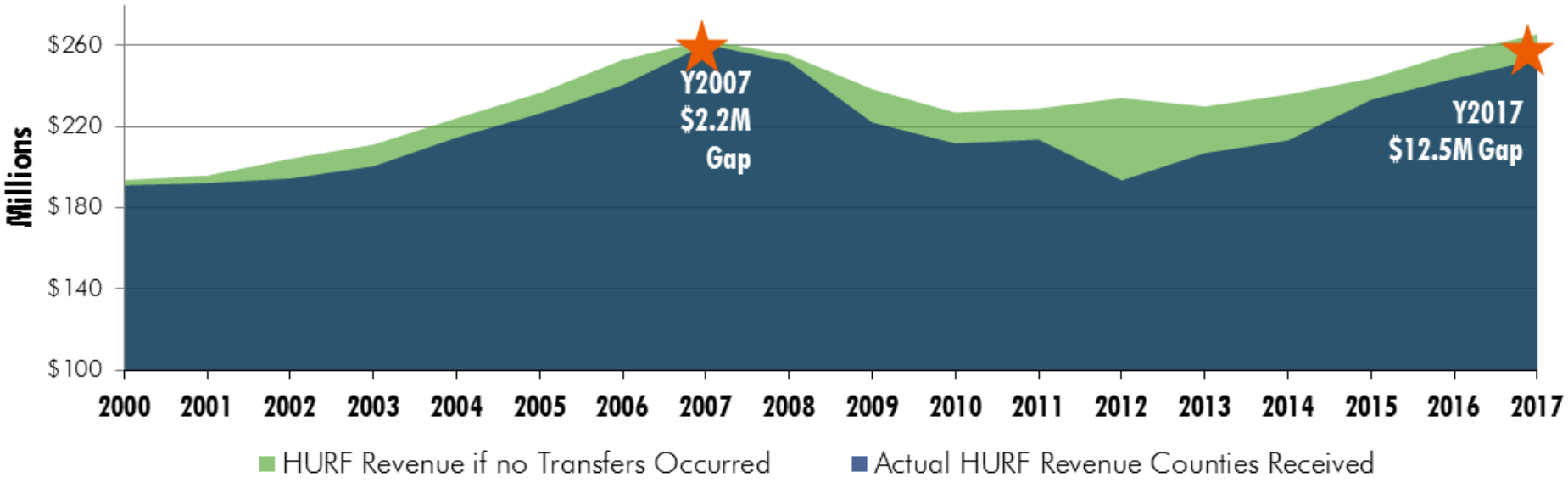
$3.76 Billion



Needs Based Gap



Action – Stop HURF Sweeps



Next Steps

- Draft Report and Executive Summary to County Engineers: End of January
- Final Report and Executive Summary to County Engineers: Mid February

Contact Information

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ARIZONA ASSOCIATION OF COUNTY ENGINEERS

ROADWAY NEEDS STUDY

ANY QUESTIONS?

5/18/2017