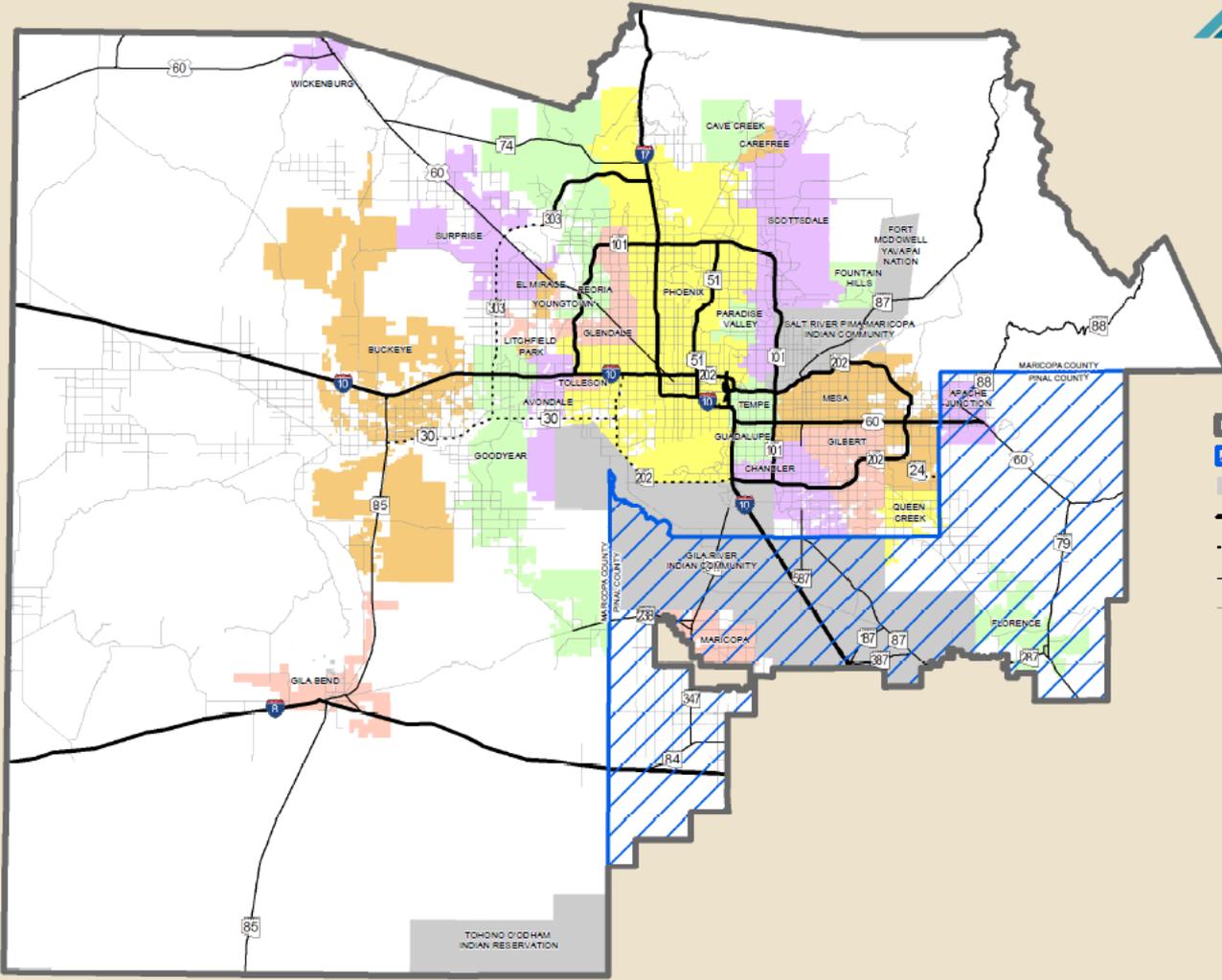


# Overview of the Draft MAG FY2017-2021 Transportation Improvement Program

Final Phase Public Hearing  
June 7, 2016  
Teri Kennedy, TIP Manager





**MAG Region**

- Metropolitan Planning Area Boundary
- Pinal County Portion
- Indian Communities
- Existing Freeway
- Planned Freeway/Highway
- Highways
- Other Roads

**MAP AREA**



While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.



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# MAG PLANNING BOUNDARIES

# NOT INCLUDED IN THE TIP



## Local street projects, private street projects

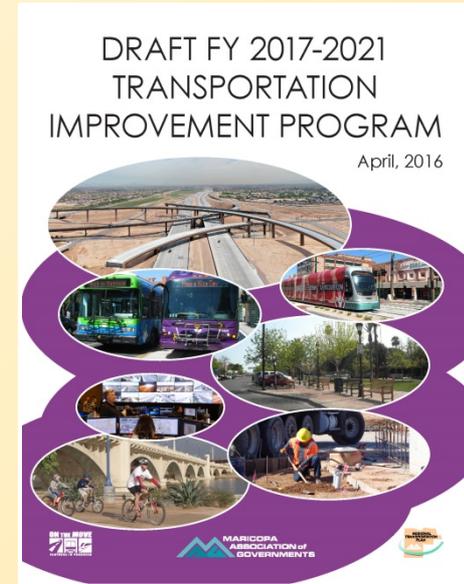
MAG regional program items that are planning-related or like in nature which are included in the Unified Planning Work Program (UPWP). However, these items may be listed in the TIP as a lump-sum listing by year (but are not required to):

- Metropolitan planning projects
- State planning and research projects
- Emergency relief projects
- National planning and research projects
- Project management oversight projects
- Locally/Private sponsored or completed maintenance\*.



# Development and implementation of the DRAFT FY2017-2021 TIP

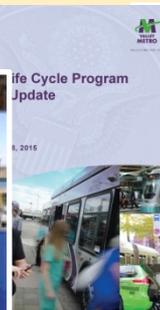
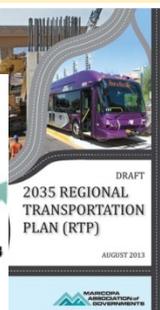
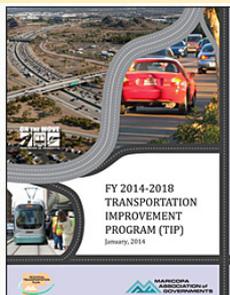
- Developed in coordination with FHWA, FTA, ADOT, and MAG Member Agencies.
- Data input provided by:
  - Members of the public
  - MAG technical advisory committees
  - MAG agencies and staff
- Integrates the competitive application process and performance measures.
- Includes a financial plan that demonstrates how the approved TIP can be implemented.



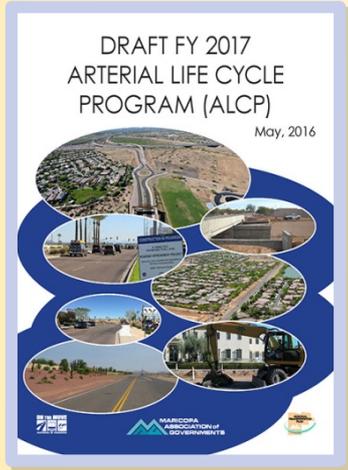
# Builds from the:

Information contained in the 2035 Regional Transportation Plan (RTP), the current FY2014-18 TIP, and:

- Regional plans, programs and policies;
- Public comments and input;
- State and federal guidance; and,
- Member agency information updates and data collection.

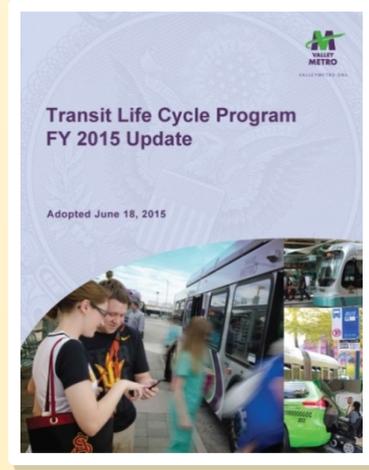


# Life Cycle Programs



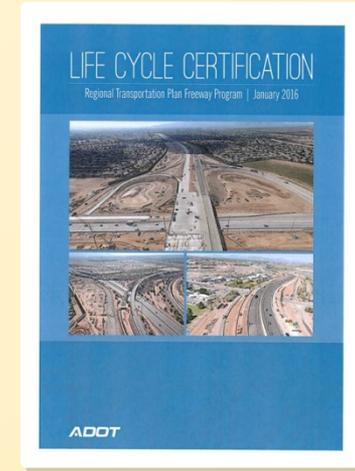
## Arterial Life Cycle Program *Programmed by MAG*

- \$448.9 million fed/regional Funding\*
- \$265.0 million Local Funding\*



## Transit Life Cycle Program *Programmed by Valley Metro*

- **Bus: \$366.7 million total**
  - \* \$313.3 million fed/regional
  - \$53.5 million local
- **Rail: \$359.5 million total**
  - \* \$343.1 million fed/regional
  - \$16.4 million local



## Regional Transportation Plan - Freeway Program *Programmed by ADOT/MAG*

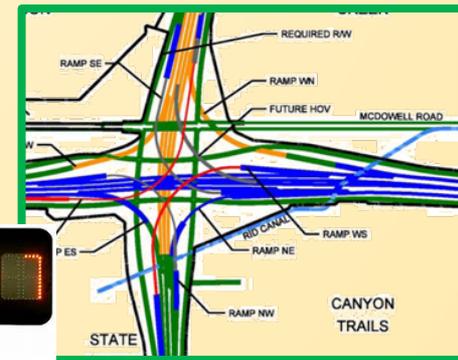
- \$1840.0 million fed/regional/state\*
- \$40.4 million local\*

\* 4-6-2016 estimates, programs are subject to substantial change

# INCLUDED LISTINGS IN THE TIP

TIP contains all regionally significant projects, including:

- Interstate System
- Congressionally designated
- All transportation projects funded with Federal funds  
*Unless noted in Unified Planning Work Program, or UPWP, or as a lump sum listing.*
- All regionally significant projects to be funded with non-Federal funds, including:
  - Regional Area Road Funds
  - Public Transit Funds
  - Highway User Revenue Funds (HURF)
  - Other state, county, private, and local funds



# Includes FTA Section 5307 POP Development

Allocated to Transit Operators based on National Transit Database reported data

Competitive Regional Process with a multi-agency evaluation panel

Projected Apportionment for Fiscal Year 2016 made available

Fund Preventive Maintenance at 25% of total

Fund Transit Life Cycle Projects

Fund Projects under the Regional Competitive process

Fiscal Year 2016 Projects available for comment and publication

Collaboration between MAG and Regional Public Transit Authority





# FY 2017-2021 TIP PROGRAMMED PROJECTS

## 603 Projects by Mode (as of May 23, 2016)

Air Quality	27	Transit Bus	134
Bicycle-Pedestrian	41	Transit Rail	6
Bridge	1	Transit Maintenance	27
Freeway, Interchanges*	61		
ITS	27		
Maintenance*	4		
Paving	22		
Safety**	22		
Street & Intersection*	329		

### Notes:

241 of the 603 projects are locally/privately funded.

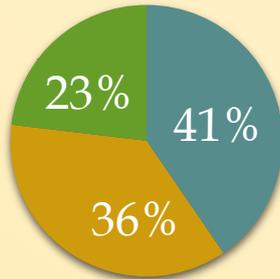
\* Maintenance activities may also be included in individual mode counts.

\*\* Safety is a component of all competitively-evaluated projects.

# Who is Paying for the Projects : \$4.75 billion?\*

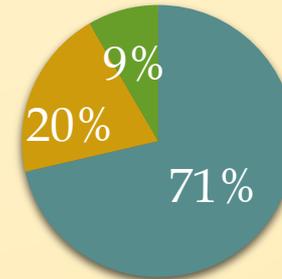
## Proportion of Programmed Highway Section Projects

■ Federal ■ Regional ■ Local



## Proportion of Programmed Transit Section Projects

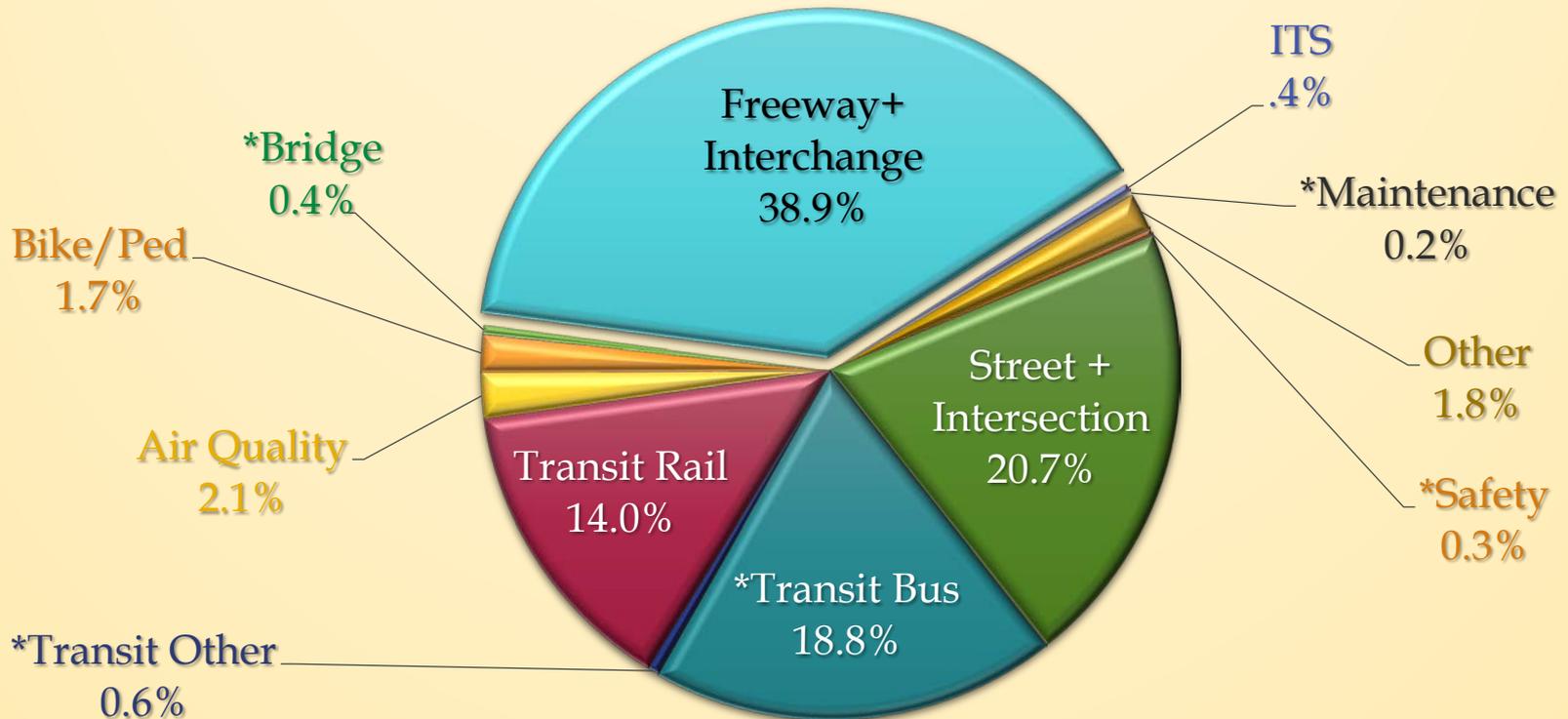
■ Federal ■ Regional ■ Local



\*Rounding may occur, chart excludes UPWP projects/costs. Some programming is ongoing.

# Estimated Revenues: Funding All Sources \$5.4 billion: FY 2017-2021 TIP\*

## Total All Funding by Mode



# Summary of Projected Revenues and Costs

Table 19 Revised

## Comparison of Highway and Transit

	Highway	Transit	Total
<b>Funding Estimate (all sources)</b>	3696.6	1695.5	<b>5392.1</b>
<b>FY 2017 - 2021 TIP Costs (includes UPWP)</b>	(3418.1)	(1335.1)	<b>(4753.2)</b>
<b>Operating &amp; Maintenance Funding</b>	1574.9	1639.0	<b>3213.9</b>
<b>Operating &amp; Maintenance Costs</b>	(1574.9)	(1639.0)	<b>(3213.9)</b>
<b>*Balance</b>	<b>278.5</b>	<b>360.3</b>	<b>638.8</b>

- Rounded to millions of dollars. Amounts are subject to substantial change. Years 2018, '19, '20 and '21 include nationwide/state competitive award assumptions in revenues.
- Current transit programming is on going; 38% of the TIP projects are currently un-programmed (approximately 1 year).
- Twice annually, funding revenues are reviewed and project programming may be adjusted if needed.

# NEXT STEPS . . .

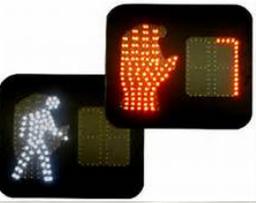
**Final Phase Public Meeting on June 7, 2016 at the MAG offices.**

**Final Phase Input Opportunity Report is generated.**

Committees Review and Approve FY2017-2021 TIP and associated documents.

FHWA, FTA, EPA, ADOT review and approve various areas of the FY17-21 TIP, FY2016 POP, Spring Air Quality Conformity, and amendment to the 2035 RTP.

Projects may proceed at final approval.



# Website information:

- Information on the Draft FY2017-2021 TIP, 2016 Program of Projects, and Amendment to the 2035 RTP: <http://azmag.gov/RTP>
- MAG TIP and Programming: <http://www.azmag.gov/TIP>
- ADOT Planning: <http://www.azdot.gov/planning>
- FHWA: information: <http://www.fhwa.dot.gov/fastact/>
- FTA: information: <https://www.transit.dot.gov/>