



# **MAG Overview of the Draft FY2014-2018 Transportation Improvement Program & Project Listings**

**9-19-2013**

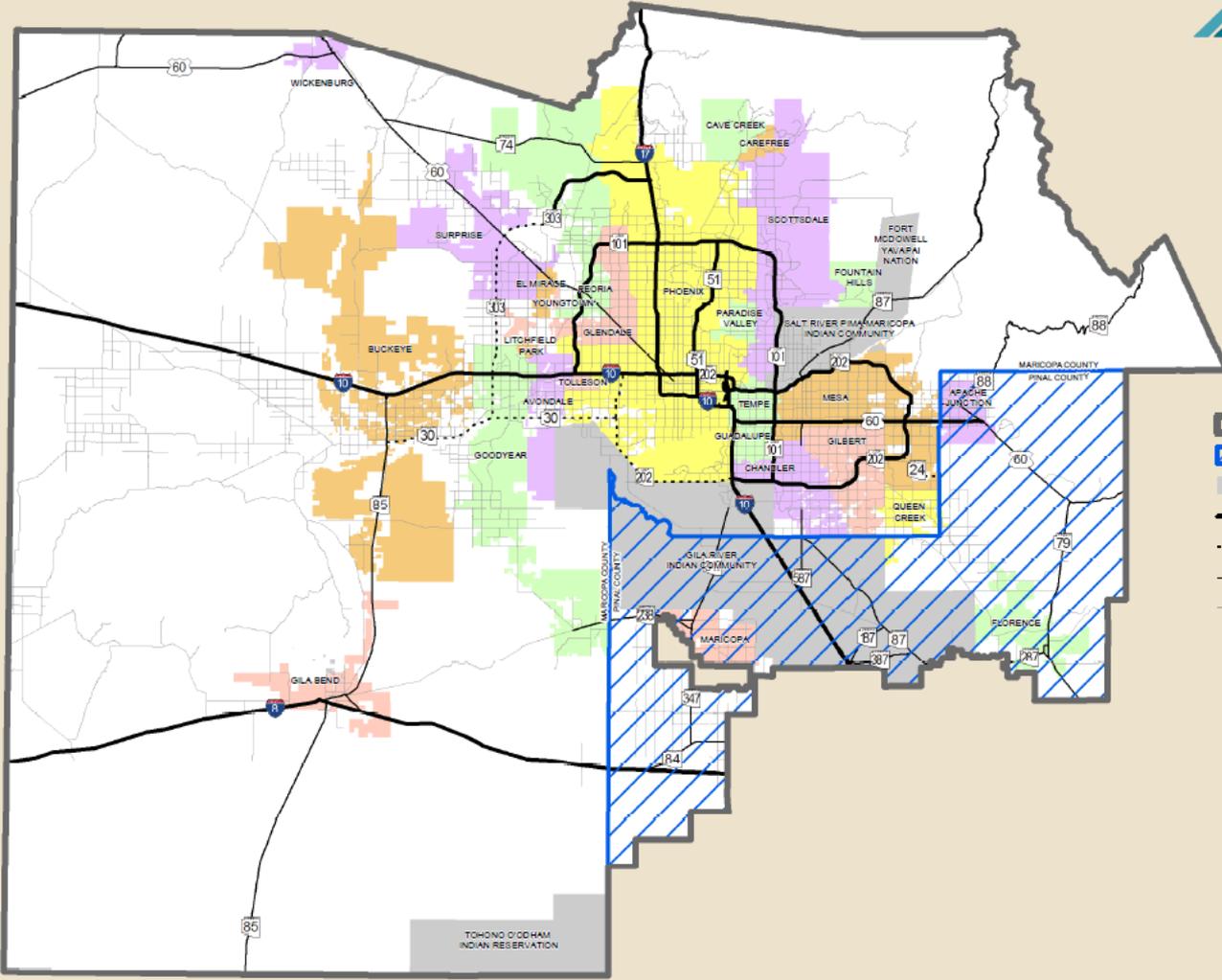
**Mid-Phase Public Meeting  
Teri Kennedy, TIP Manager**



# FEDERAL REGULATIONS

- The Transportation Equity Act for the 21st Century (TEA-21) required that a Transportation Improvement Plan (TIP) be developed as part of the transportation planning process for Metropolitan Planning Organizations. The Safe, Accountable, Flexible, Efficient Transportation Act: A Legacy for Users (SAFETEA-LU), signed in 2005, and Moving Ahead for Progress in the 21st Century Act (MAP-21) signed on July 6, 2012 adds to these requirements.
- Elements for the Metropolitan TIP are contained in 23 CFR Part 450.324.

**MAG Region**

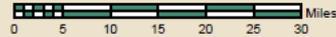


- Metropolitan Planning Area Boundary
- Pinal County Portion
- Indian Communities
- Existing Freeway
- Planned Freeway/Highway
- Highways
- Other Roads

**MAP AREA**



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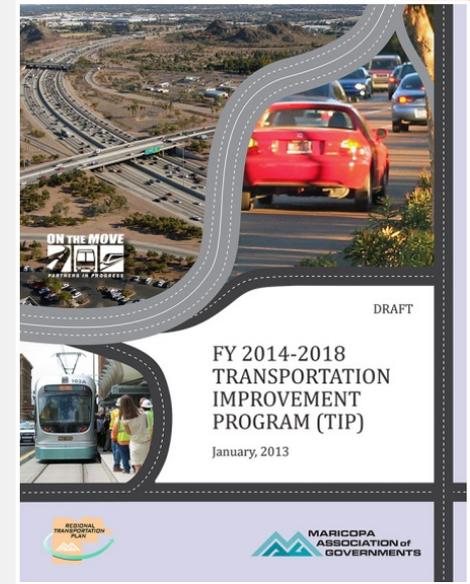
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**EXPANDED BOUNDARIES**

# DRAFT FY2014-2018 TIP

- **Development and implementation of DRAFT 2014-2018 TIP:**
  - ✓ In coordination with FHWA, FTA, ADOT, and Member Agencies.
  - ✓ To coincide with:
    - MAP-21, Federal transportation funding authorization and ADOT sub-allocations.
    - Expansion of the Regional Planning Boundaries
  - ✓ Integration of the competitive application process using CMP for program areas.



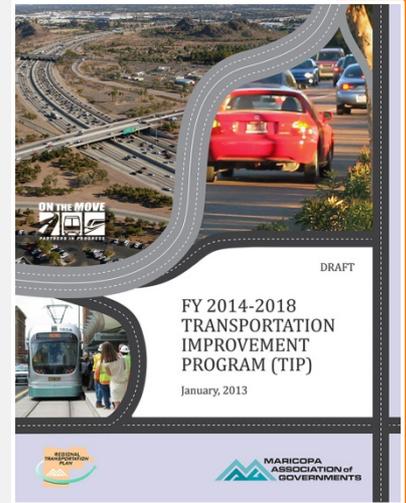
# BUILDS FROM THE:

- ✓ Information contained in the Regional Transportation Plan 2035 Update (RTP),
- ✓ existing regional plans, programs and policies,
- ✓ member agency information updates and data collection,
- ✓ Public involvement and comments,
- ✓ and State and Federal Guidance.



# DRAFT FY2014-2018 TIP:

- ✓ Covers five years,
- ✓ conforms to all applicable Federal & State air quality plans & standards,
- ✓ reports on all projects programmed with Federal funds identified in Title23 and Title49 of the US Code and,
- ✓ includes a financial plan that demonstrates how the approved TIP can be implemented.

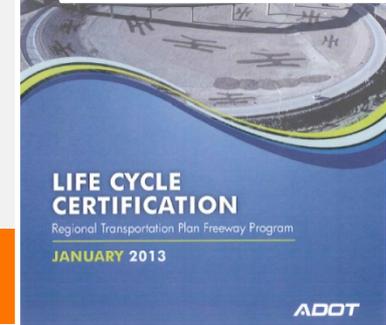
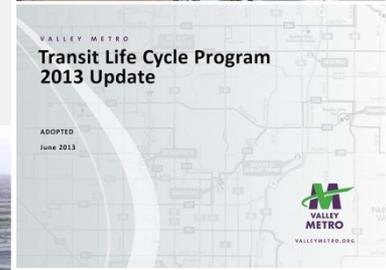
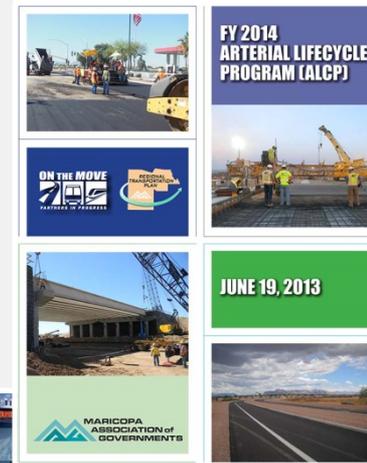


# Includes Lifecycle Programs

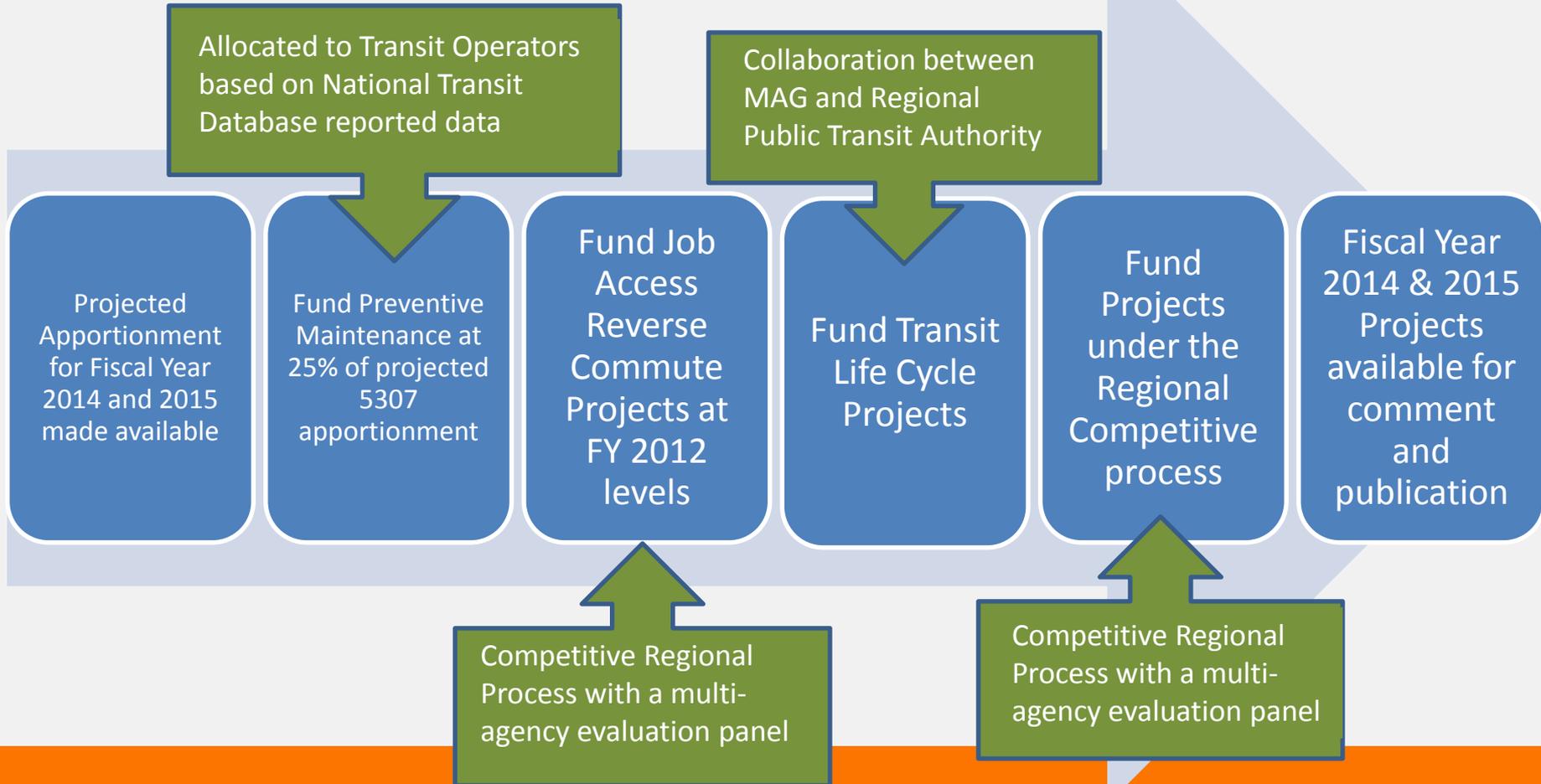
Included in the Prop 300 and 400 approvals is a Regional Funding allocation collected through a ½ cent sales tax designated to three Lifecycle programs included in the RTP and TIP.

The Regional Funding spans a 20-year life cycle (FY2006-2026).

- ✓ The Arterial Lifecycle Program (ALCP)
- ✓ The Transit Life Cycle Program (TLCP)
- ✓ The RTP Freeway Life Cycle Program



# Includes FTA Section 5307 POP Development





# Includes FTA Funded Transit Projects Through 5309, 5310, 5337, 5339, Competitive Grants, and Flexible Funds



Bus, Facilities, Preventative Maintenance, Operations.



Light Rail and related Facilities



# Includes FHWA Funded Projects Through the Congestion Mitigation and Air Quality Program (CMAQ)

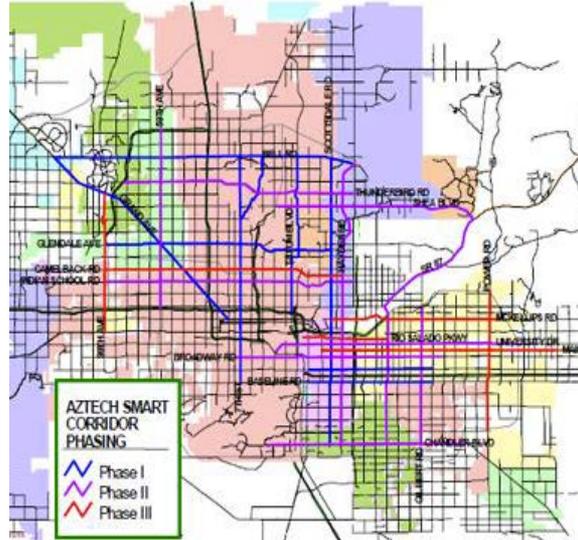
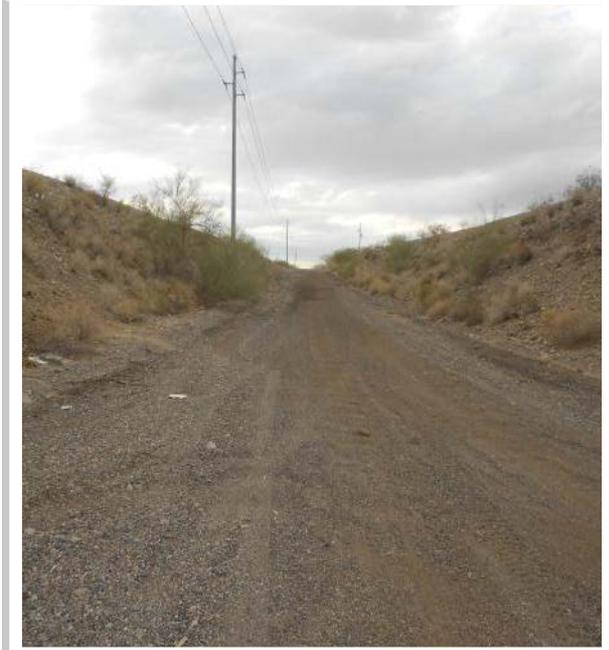


Figure 10.3 – AZTech™ SMART Corridors



## Bicycle and Pedestrian

- \$23.5 total;
- \$7.8 per year

## Intelligent Transportation Systems

- \$18.5 Total;
- \$6.1 per year

## PM-10 Pave UnPaved Dirt Roads

- \$14.1 total (3 years)
- average \$4.7 per year

**Noted in millions**

FY 2015, 2016, & 2017: Funding is subject to change, based on final authorizations, and obligation authority limits.

# Includes New and Expanded Programs



Transportation Alternatives



Strategic Transportation Safety Program & Highway Safety Improvement Program

# Includes Air Quality Projects

## Air Quality Program

- CMAQ funds are identified via The Regional Transportation Plan (RTP) for distribution to the Air Quality Program in FY 2015-2017.
- Regional Rideshare, PM-10 Street sweepers, and Travel & Trip Reduction programs total: \$9.5 million.



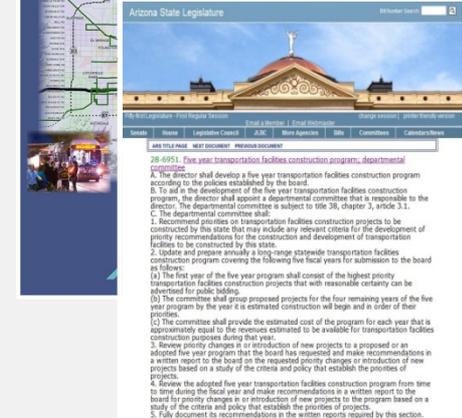
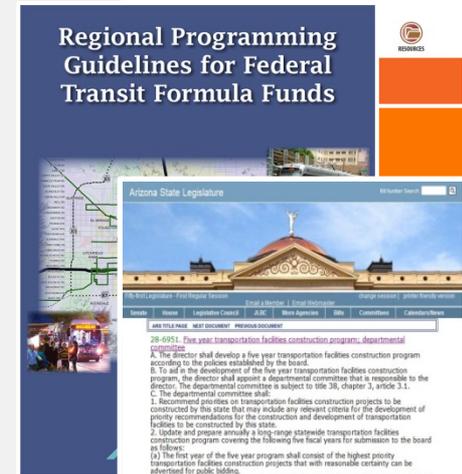
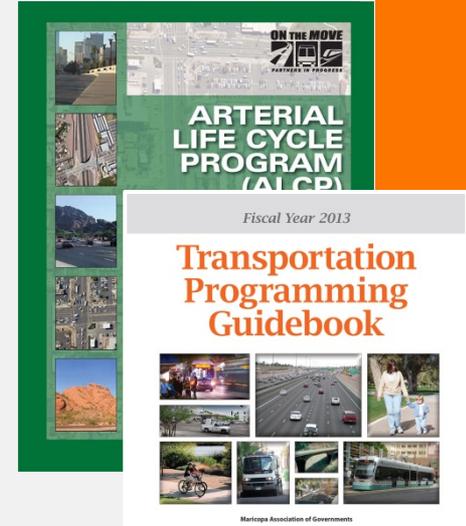
# PROGRAMMING GUIDELINES

## ■ Transportation Programming Guidebook:

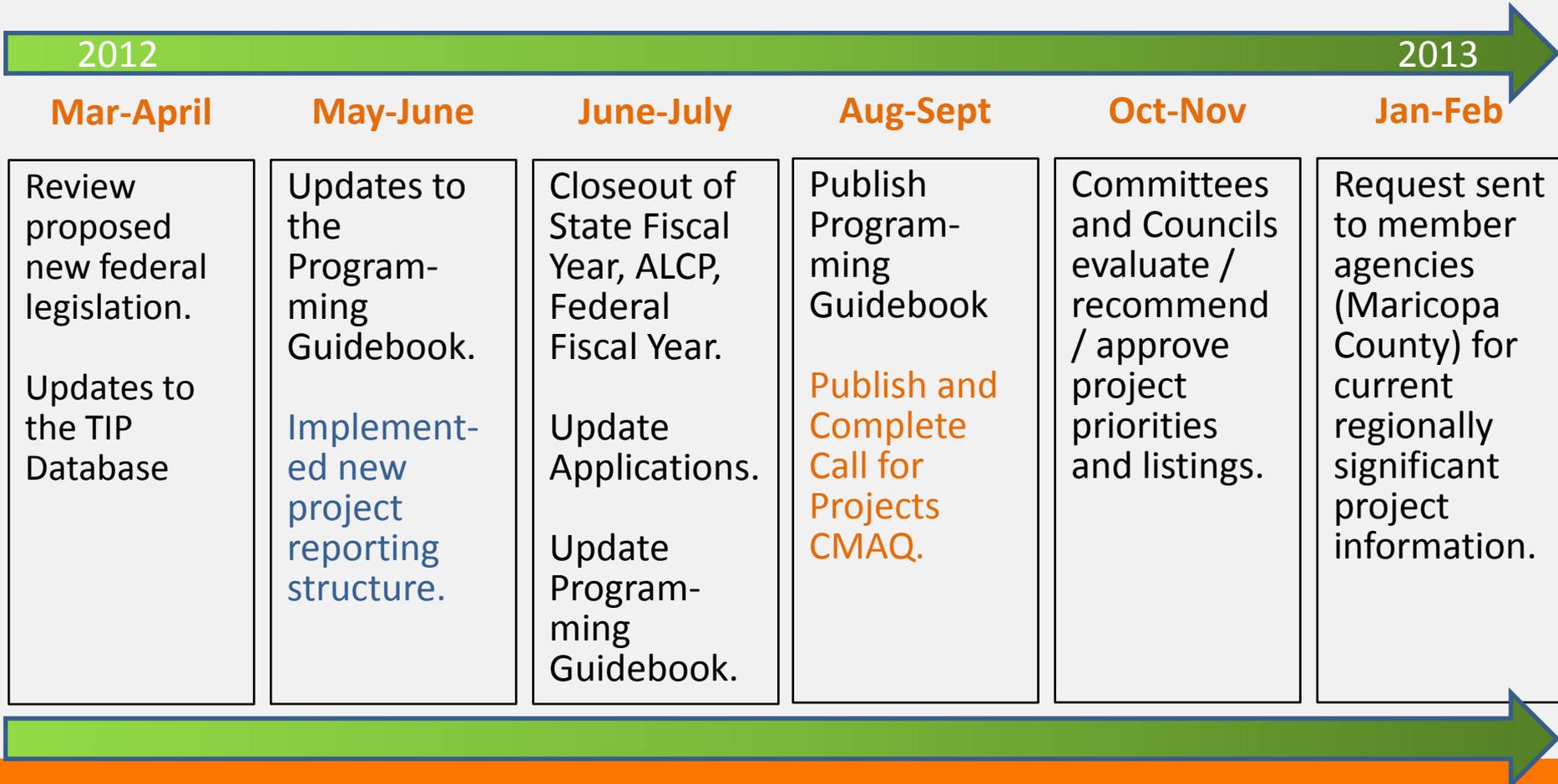
✓ Includes implementation of the **MAG Federal Fund Programming Guidelines**

✓ **Allows for updates, Call for Projects, and additional funding methodologies through the development & implementation cycle.**

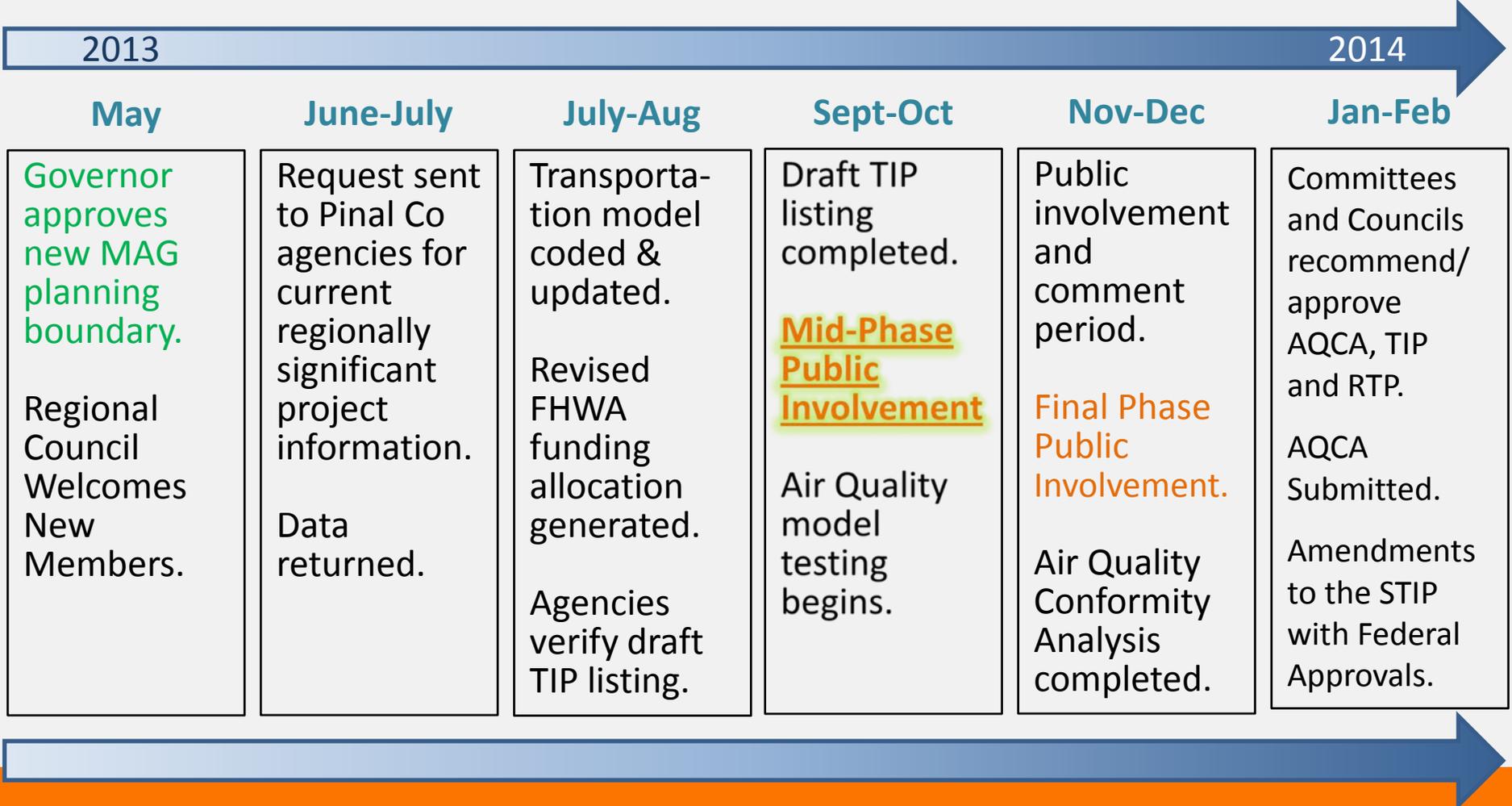
■ **Some modal areas recommend projects for programming annually, biannually, or multiyear as needed.**



# MAG 2014-2018 TIP Timeline



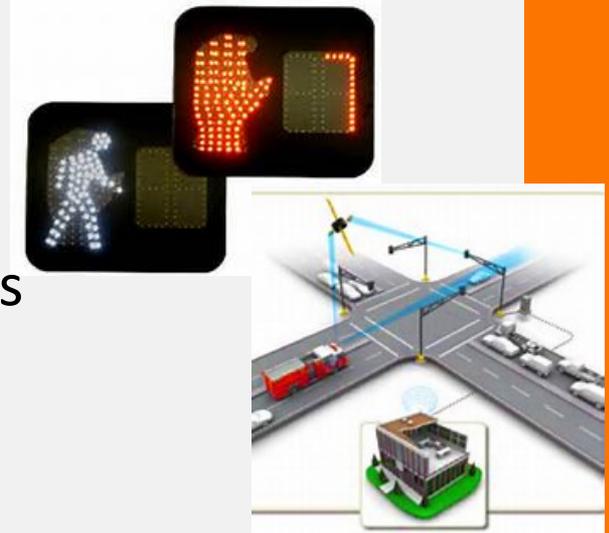
# MAG FY2014-2018 TIP Timeline, cont'd



# INCLUDED LISTINGS IN THE TIP

The TIP **includes capital** and **non-capital** surface transportation projects (or phases of projects) within the boundaries of the metropolitan planning area proposed for funding under 23 U.S.C. and 49 U.S.C. Chapter 53 that includes:

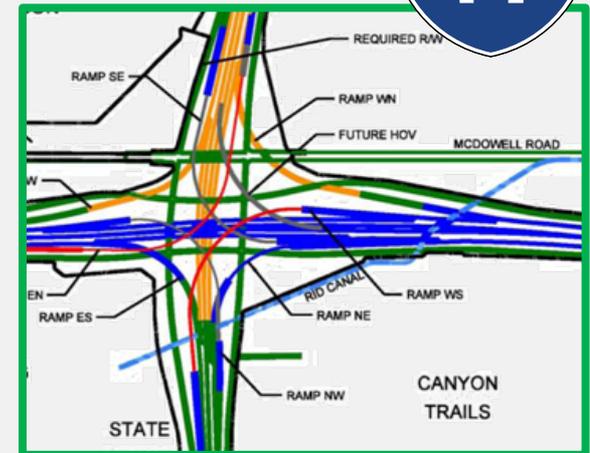
- ✓ Transportation Alternatives
- ✓ Safety projects
- ✓ Pedestrian walkways; and bicycle facilities
- ✓ Federal Lands Highway program projects
- ✓ State's Strategic Highway Safety Plan



# INCLUDED LISTINGS IN THE TIP, CONT'D

## TIP contains all regionally significant projects:

- ✓ Interstate System
- ✓ Congressionally designated
- ✓ All transportation projects funded with **Federal funds** (unless noted in Unified Planning Work Program (UPWP) or as a lump sum listing).
- ✓ All regionally significant projects to be funded with **non-Federal funds**
  - Regional Area Road Funds
  - Public Transit Funds
  - Highway User Revenue Funds
  - Other State, County and Local Funds





# NOT INCLUDED IN THE TIP

- Local Street Projects, Private Street Projects
- MAG regional program items that are planning related or sub-allocated 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
  - Surface Transportation Program
  - Emergency relief projects
  - National planning and research projects
  - Project management oversight projects





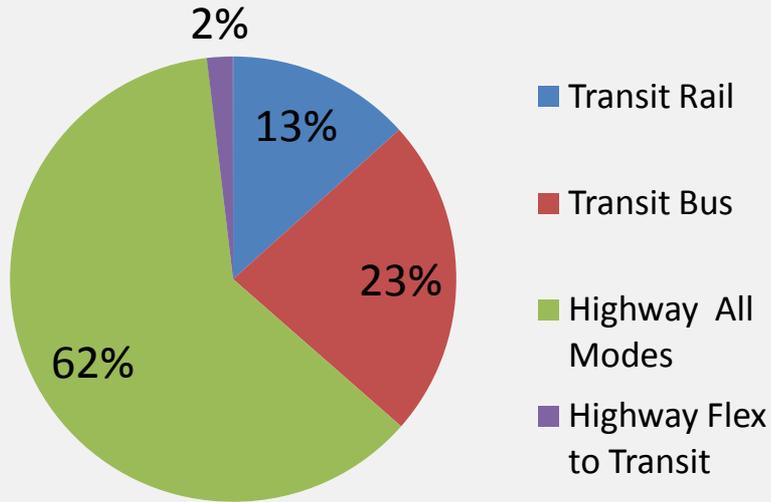
# FY 2014-2018 TIP PROJECT SUMMARY

## 782 Projects in the FY2015-18 TIP

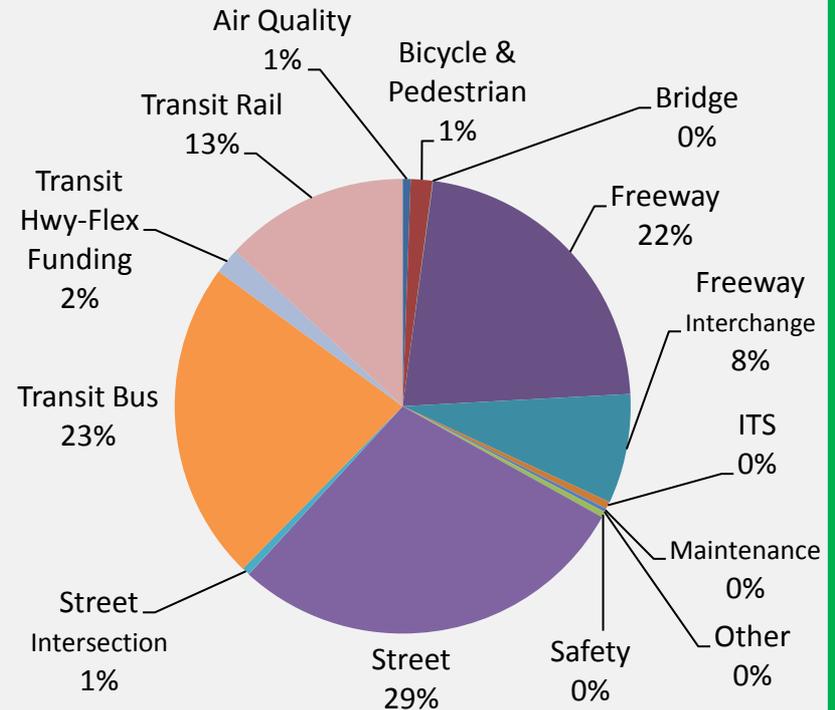
Air Quality	24		Other	3
Bicycle	40		Pedestrian	21
Bridge	2		Safety	12
Freeway	37		Street	329
Freeway Interchange	3		Street Intersection	3
ITS	33		Transit Bus	152
Maintenance	4		Transit Rail	119

# Total Funding \$4.43 billion: FY 2014-2018 TIP

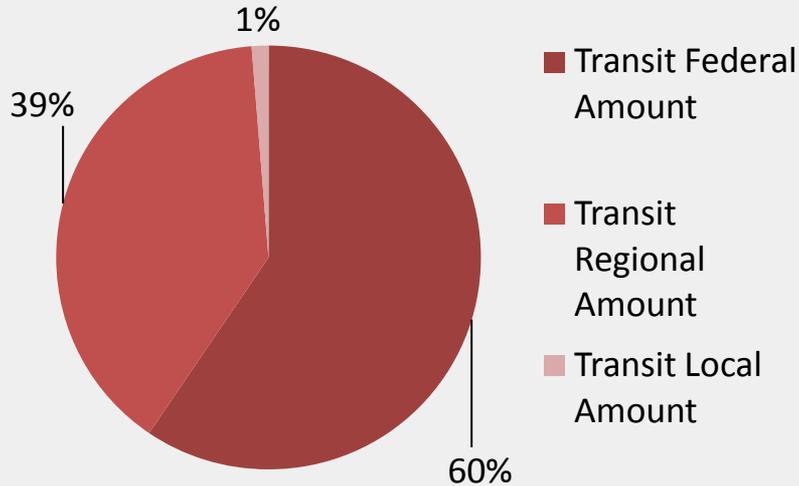
## Total Funding: Highway and Transit



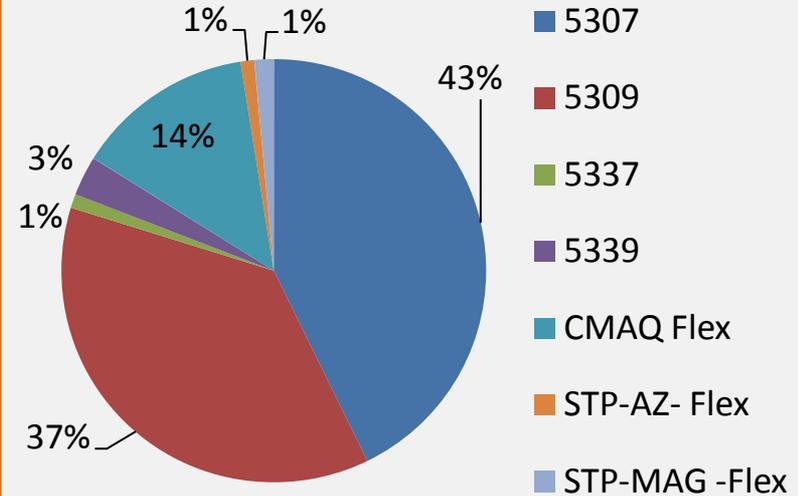
## Total All Funding: By Mode



## Transit Proportional Amounts



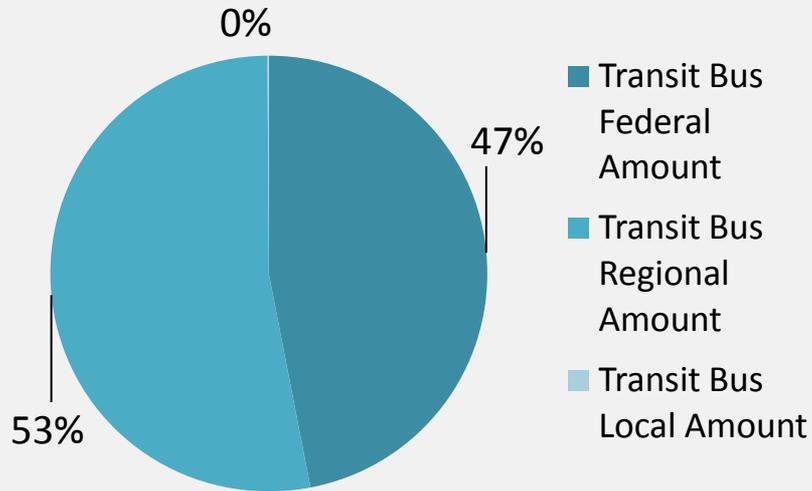
## Transit Federal Amounts by Program



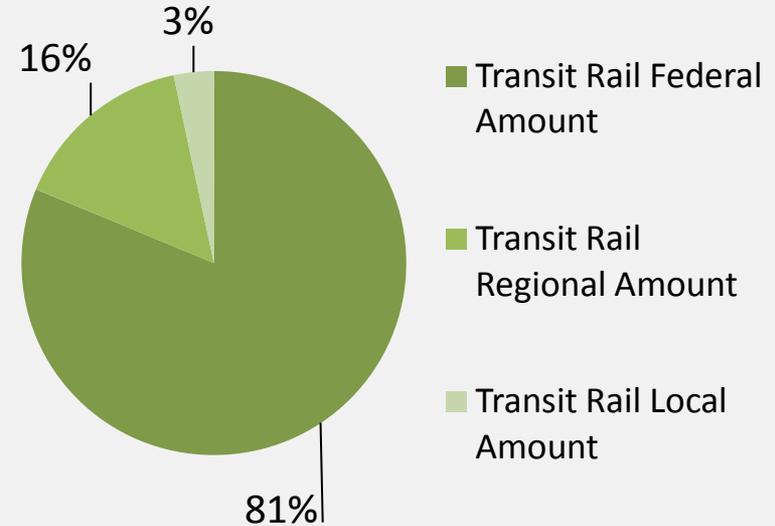
The Funding for Transit Projects by Type and by Breakout of FTA Program Funding.

All Transit Project Funding = **\$1.584 billion.**

## Transit Bus By Source



## Transit Rail By Source

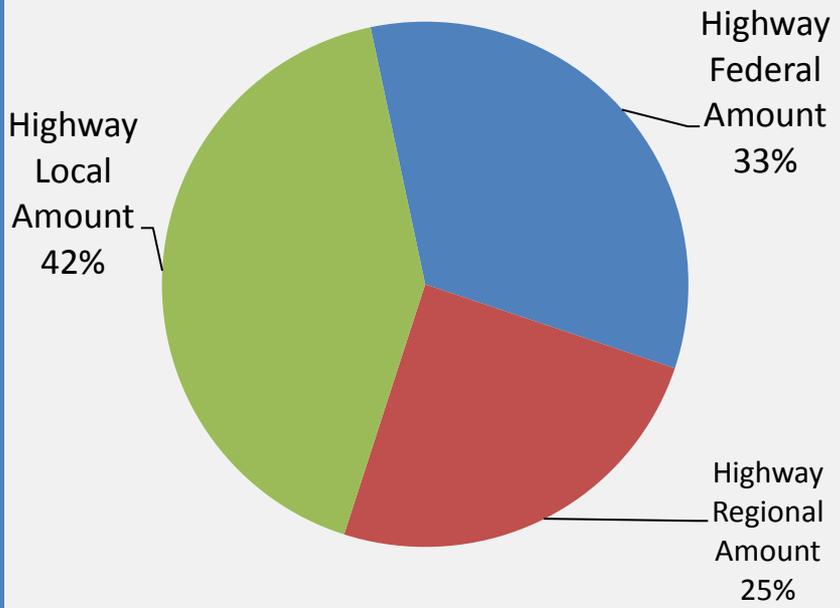


**Proportional Amounts of Funding in the FY2014-2018 TIP.**

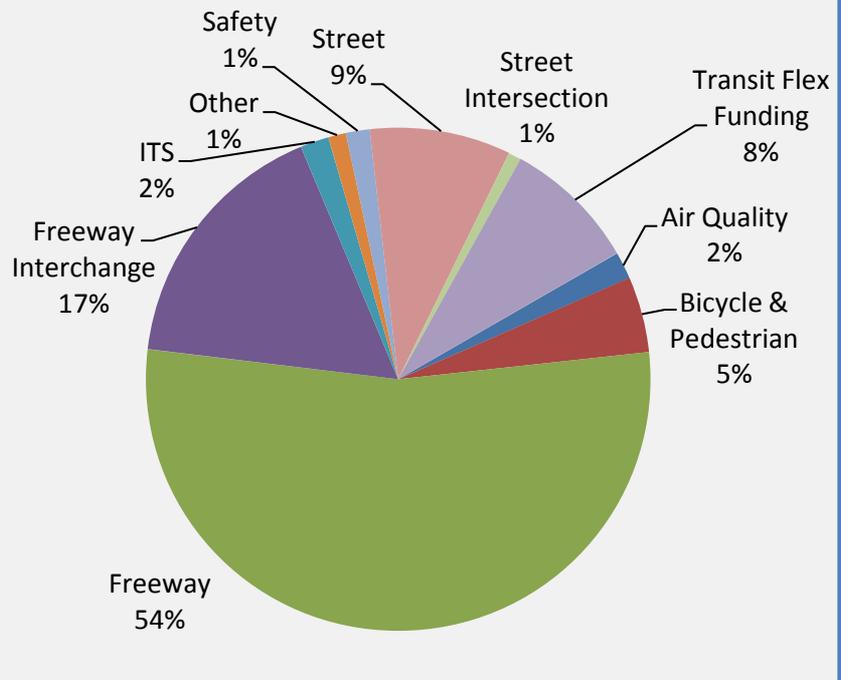
**Bus = \$1006.0 million and Rail = \$578.4 million.**



### Highways: Total Funding By Source



### Highways: Federal Funding By Mode



**Total all Sources = \$2.842 billion**

# NEXT STEPS . . .

- Listing of projects is approved for Air Quality Conformity Analysis to begin.
- **Final Phase Public Meeting on November 25, 2013 at the MAG offices.**
- Committees Review and Approve FY2015-2018 TIP.
- FHWA, FTA, EPA, ADOT review and approve various areas of the TIP, RTP and Air Quality Conformity.



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# WEBSITE INFORMATION:

- MAG TIP and Programming:  
<http://www.azmag.gov/Projects/Project.asp?CMSID=1140&MID=Transportation>
- ADOT Local Governments Manual:  
<http://www.azdot.gov/docs/default-source/business/lpa-manual-final-feb2013D83AD5A7ED08.pdf?sfvrsn=2>
- FHWA: Current MAP-21 presentations  
<http://www.fhwa.dot.gov/map21/presentations.cfm>