Street Transportation Department Overview

Citizens Committee on the Future of Phoenix Transportation

August 26, 2014

City of Phoenix

Mission

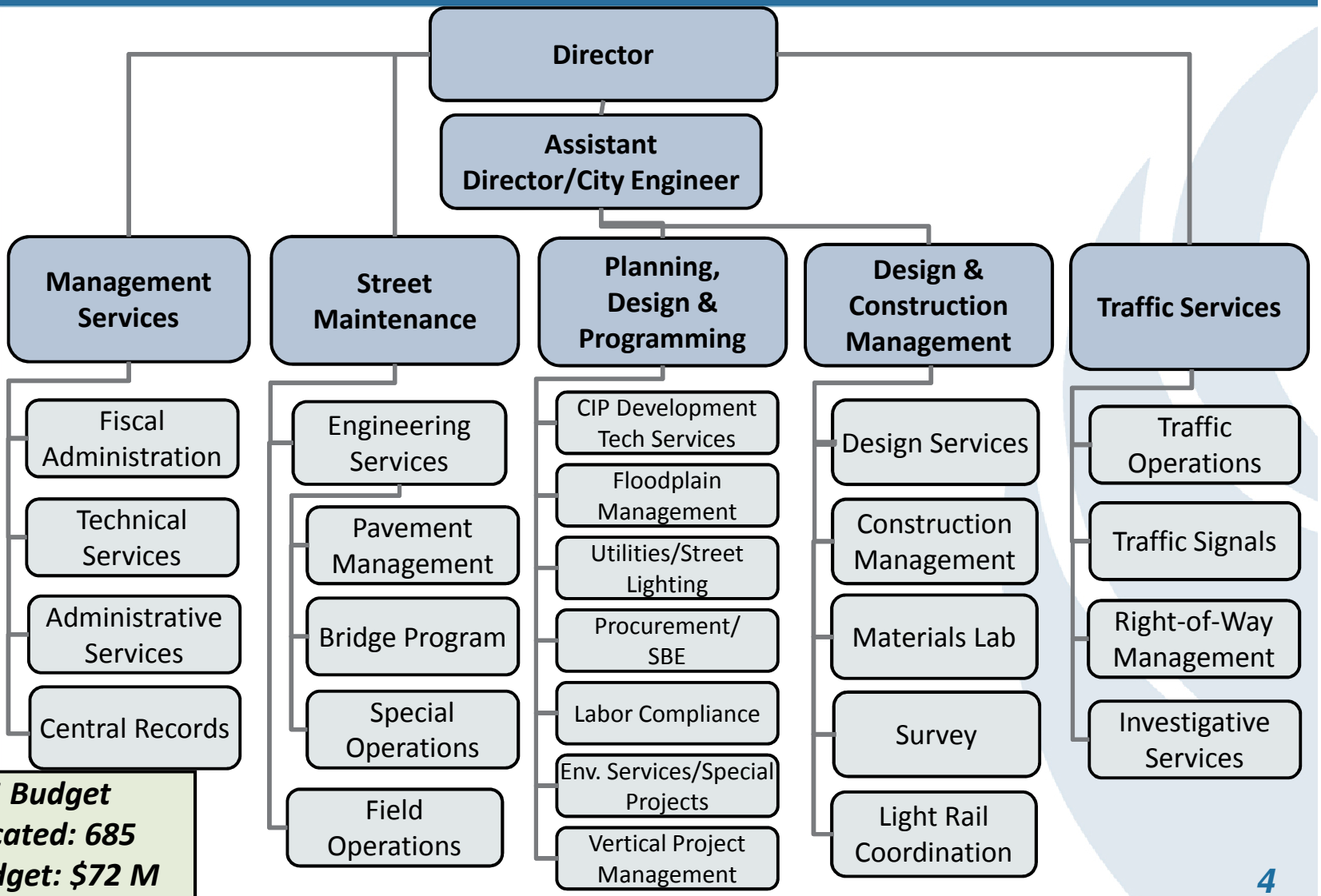
To plan, construct, operate, and maintain safe streets

- Plan and provide for the safe and convenient movement of people and vehicles on City streets
- Maintain existing City streets
- Design and inspect the construction of new streets to insure they meet specifications
- Address right-of-way drainage issues
- Provides planning/design/construction management and procurement services for all City funded capital projects, including vertical construction

Street Transportation Assets and Services

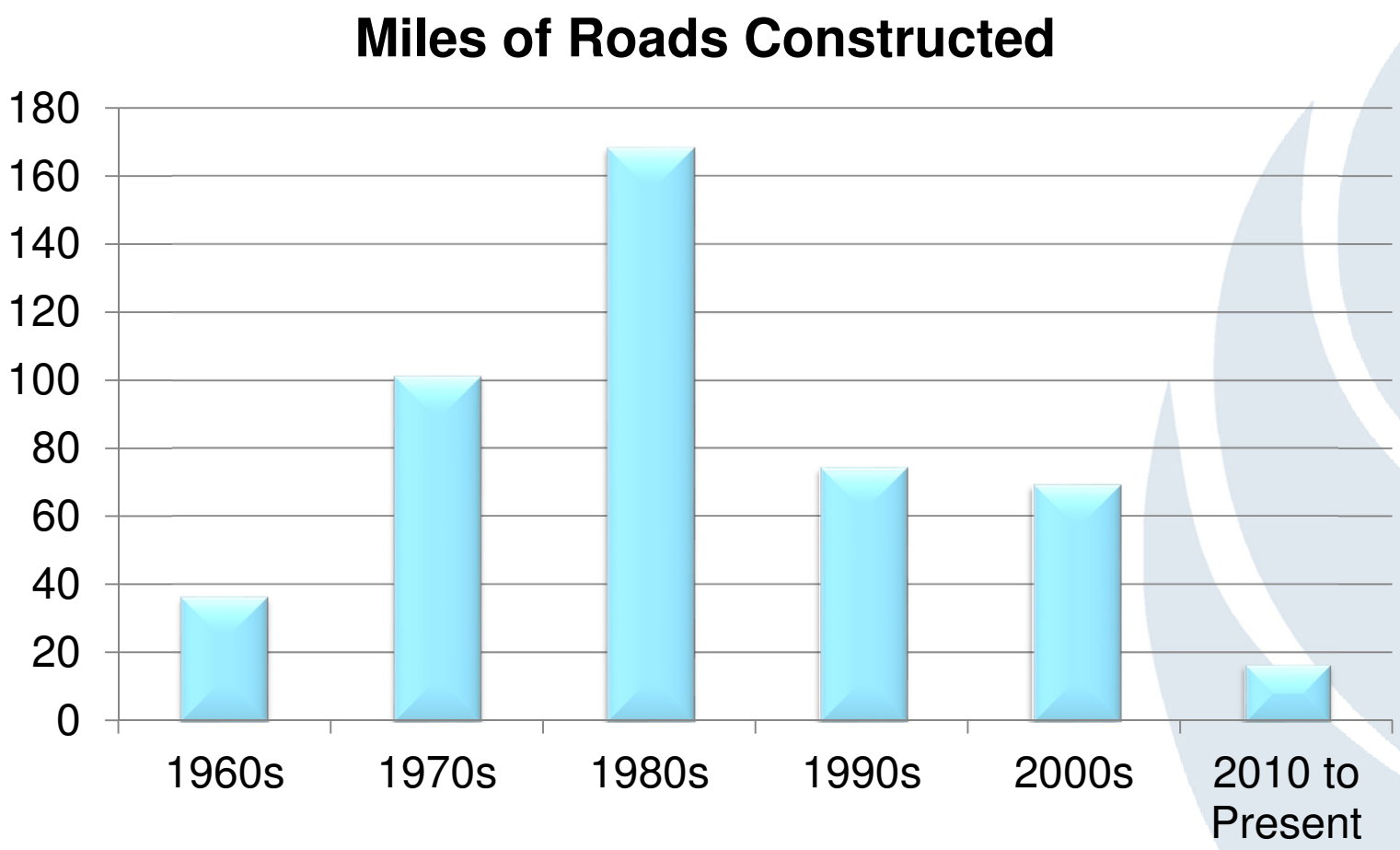
- 4,856 miles of streets
  - 736 miles of arterial streets
  - 612 miles of collector streets
  - 3,508 miles of local streets
- 95,592 Street Lights
- 1,104 signalized intersections
- 430 miles of bike lanes; 163 miles of bike routes
- 582 Bridges
- 50,000-60,000 gallons of lane striping paint each year
- 21,600 potholes filled each year
- 179,000 roadway lane miles swept each year
  - Around the world seven times

Street Transportation Organization



2014/15 Budget
Positions Allocated: 685
Operating Budget: $72 M
5-Year CIP Budget: $467 M

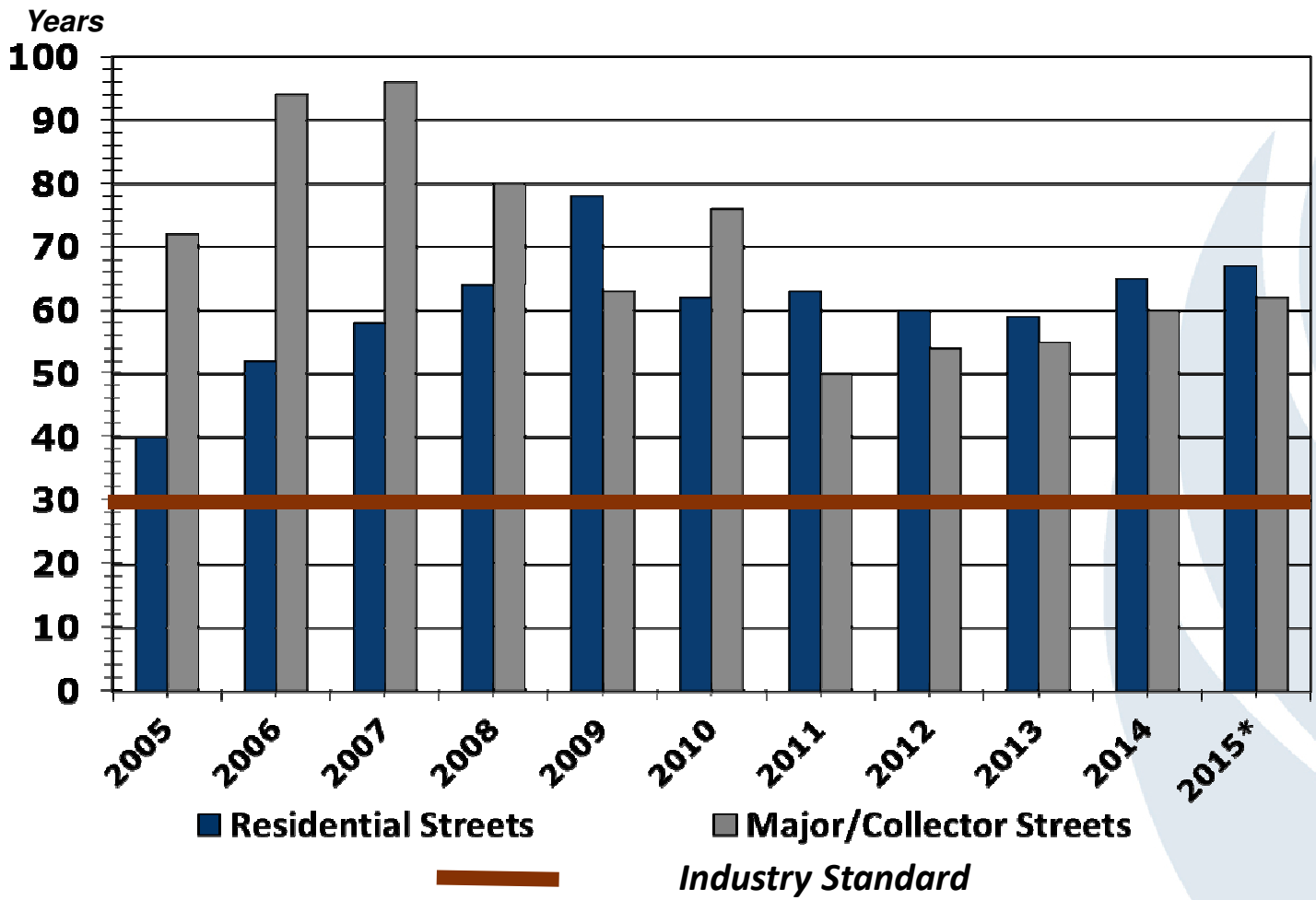
New Major Infrastructure Construction



Pavement Conditions

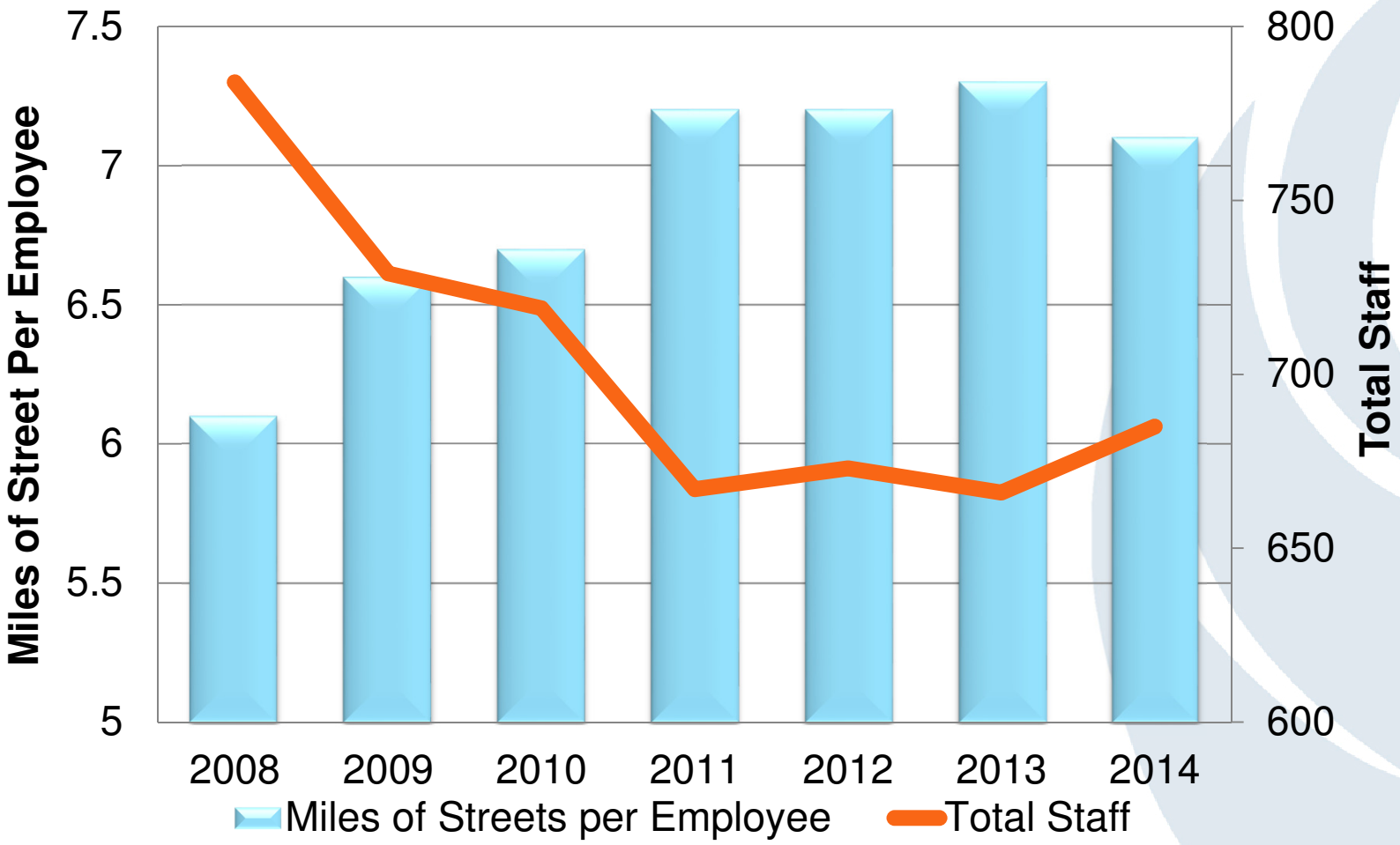
- Optimum Overlay Cycle = 30 years
- Current Overlay Cycle
  - Residential Streets = 65 years
  - Arterial Streets = 60 years

Overlay Cycle Times vs. Industry Standard

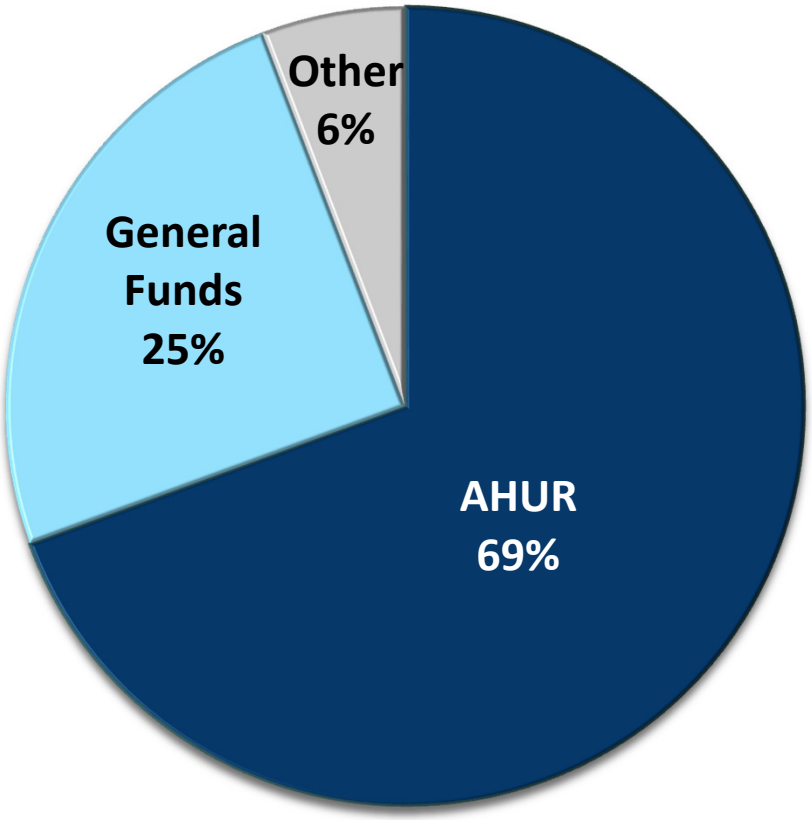


**Projected based on current funding levels*

Miles of Streets per Employee

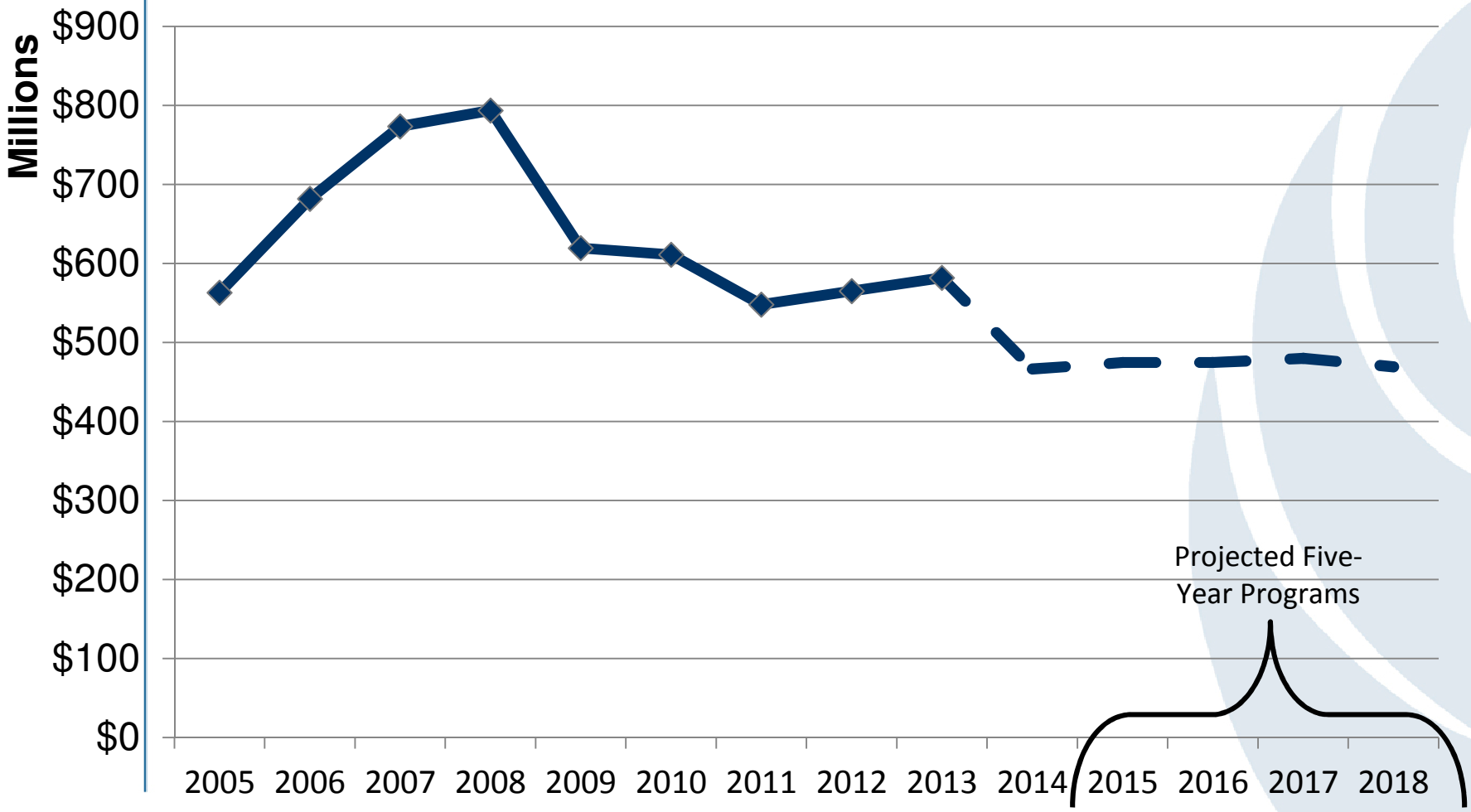


Operating Budget Funding Sources 2013-14 Budget

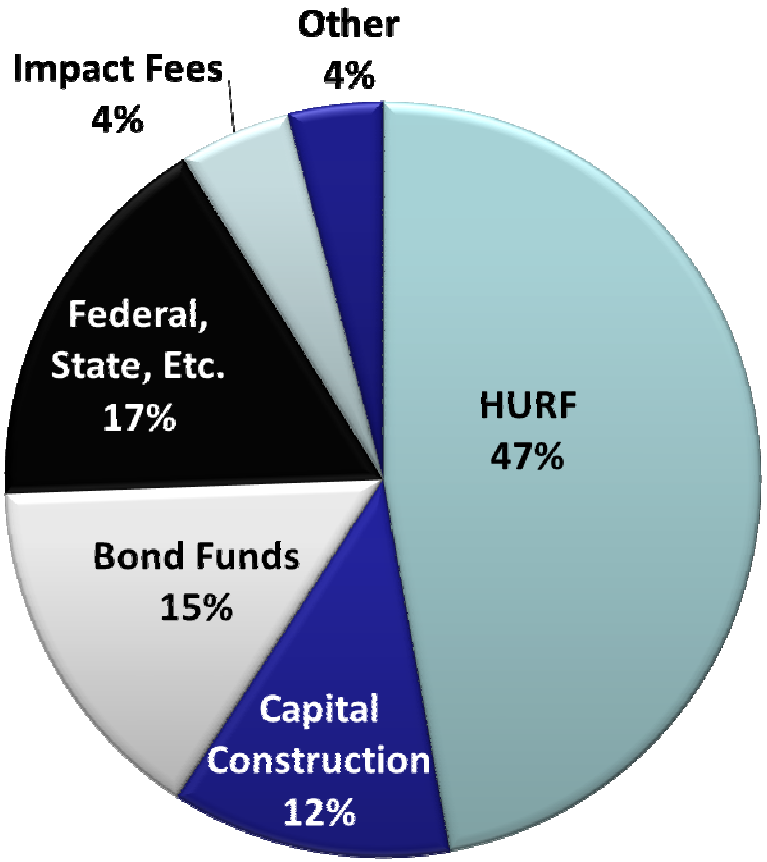


- Arizona Highway Users Revenue (AHUR): $47M
- General Funds: $17M
- Other Sources (Grants, Capital Construction Funds, City Improvement Funds, Other Restricted Funds): $4M

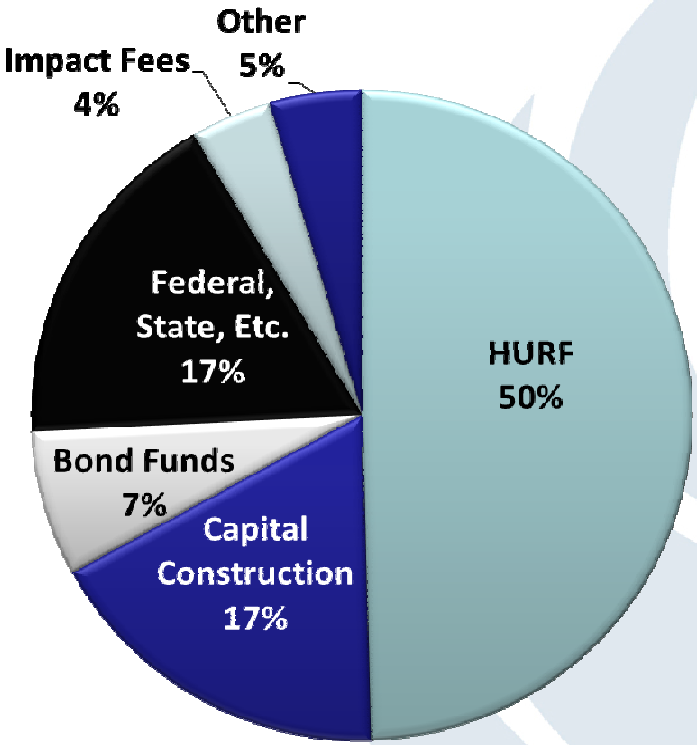
Street Transportation Five-Year CIP Funding



Five-Year Capital Program Funding Sources

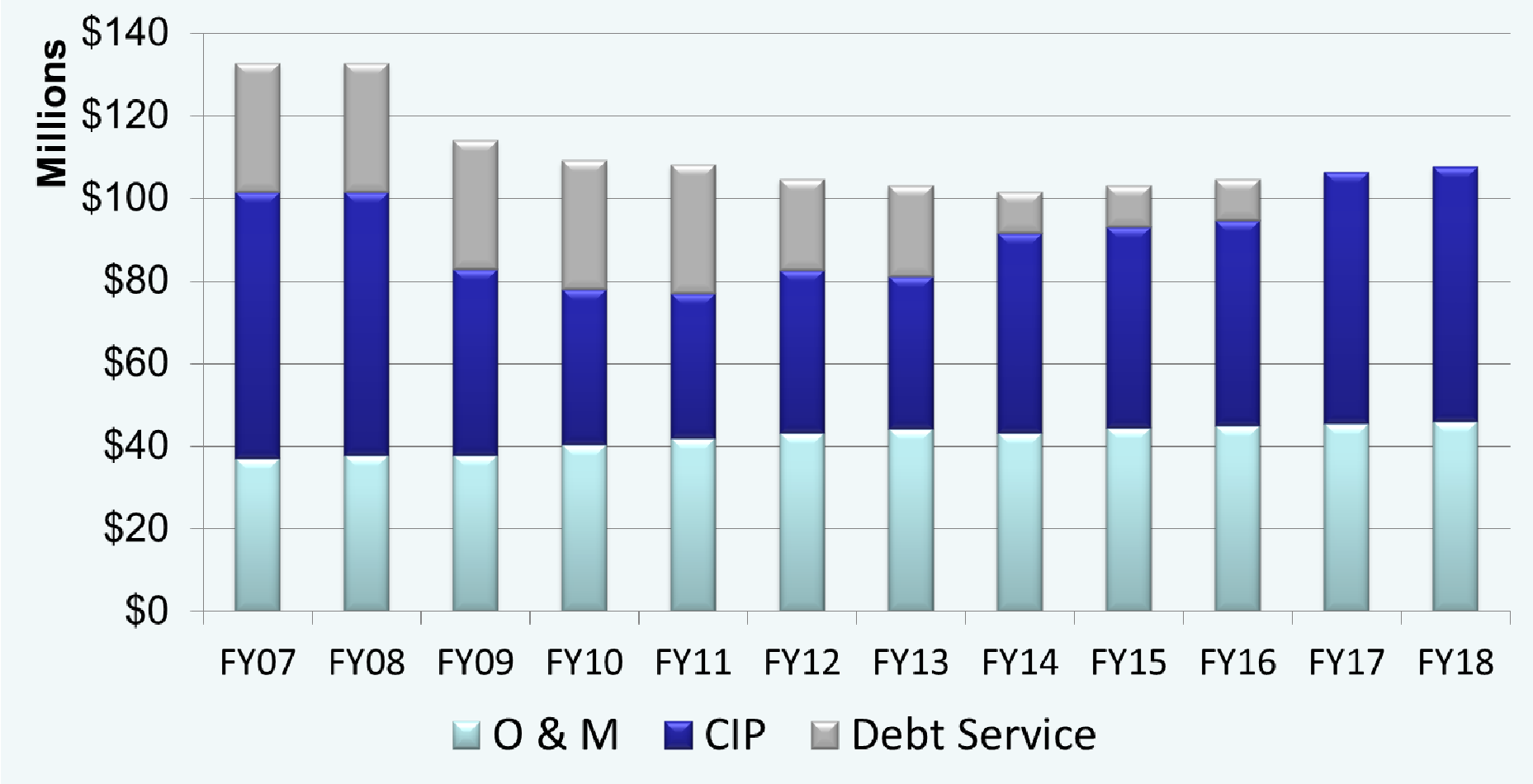


2008-13 Street Transportation CIP
Total Funding: $793,462,874

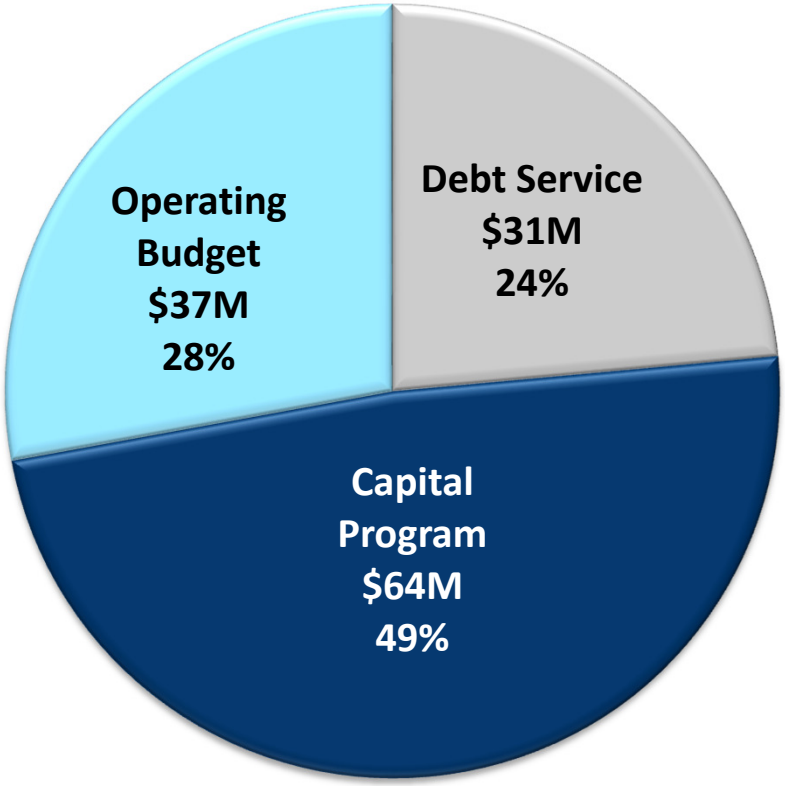


2013-18 Street Transportation CIP
Total Funding: $581,931,335

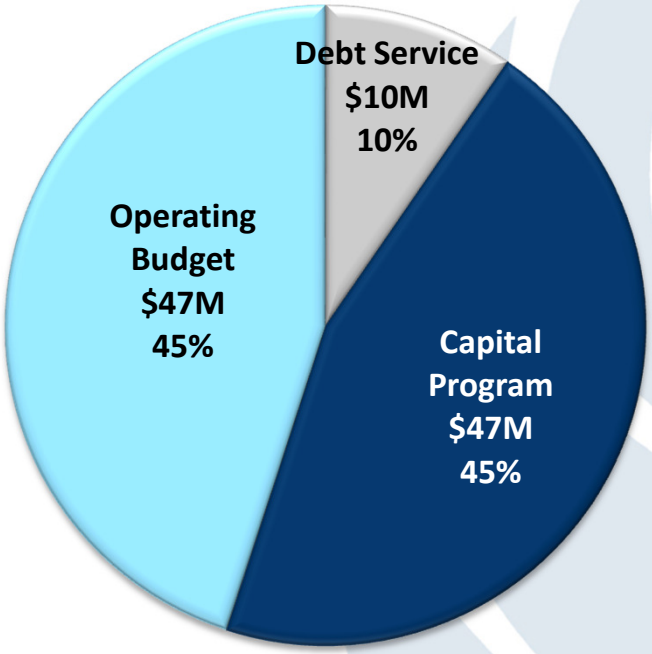
Use of HURF Funding



Use of HURF Funds



Use of HURF Funds FY2007
Total: $132M



Use of HURF Funds FY2014
Total: $104M

HURF Funds – What they can be used for?

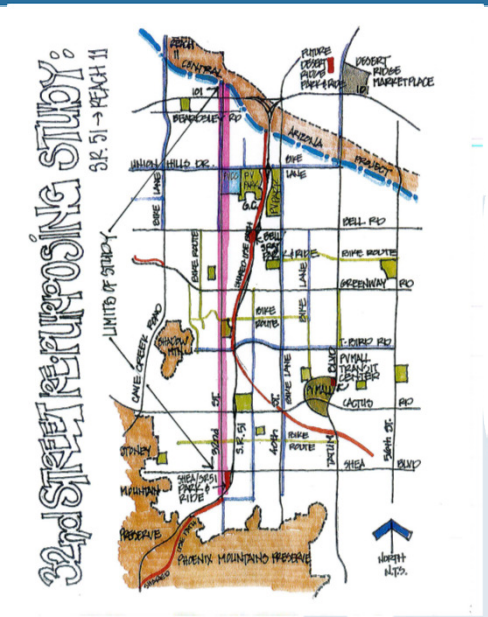
- HURF Fund Allowable Uses – For roads, streets, bridges, and roadside development
  - Rights of ways acquisition
  - Construction
  - Maintenance and repair
  - Bond debt servicing
- Storm drainage projects not eligible
  - Must use general fund revenues OR bond against future general fund revenues
  - Partner with Flood Control District of Maricopa County

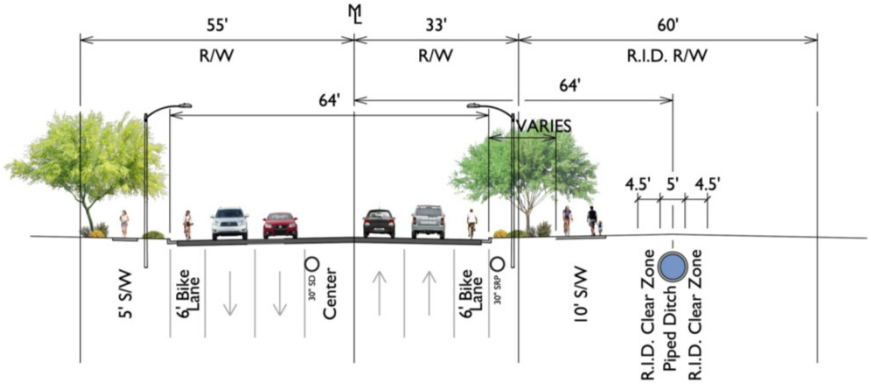
Evolution of Phoenix's Street Network

- Paradigm shift in the planning, design, and use of the City's street system
- Staff is actively engaging the community and peer municipalities in this effort
- Five key initiatives
  1. Phoenix Bikeway Plan
  2. BikeShare Program
  3. Complete Streets Policy
  4. Downtown Transportation Study
  5. ITS Strategic Plan

Major Construction Projects

32nd Street Redevelopment



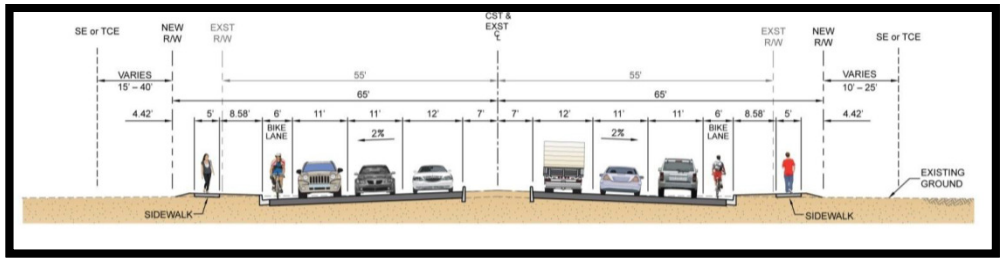


107th Ave Safety Enhancements

Major Construction Projects (continued)

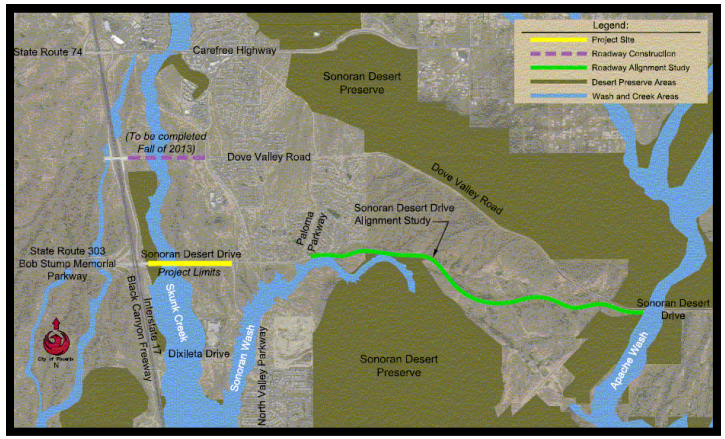
Avenida Rio Salado

- Regional Transportation Plan
- 7th Street to 51st Avenue
- Public outreach
- Groundbreaking Feb 2014
  Complete spring 2016



Sonoran Desert Drive

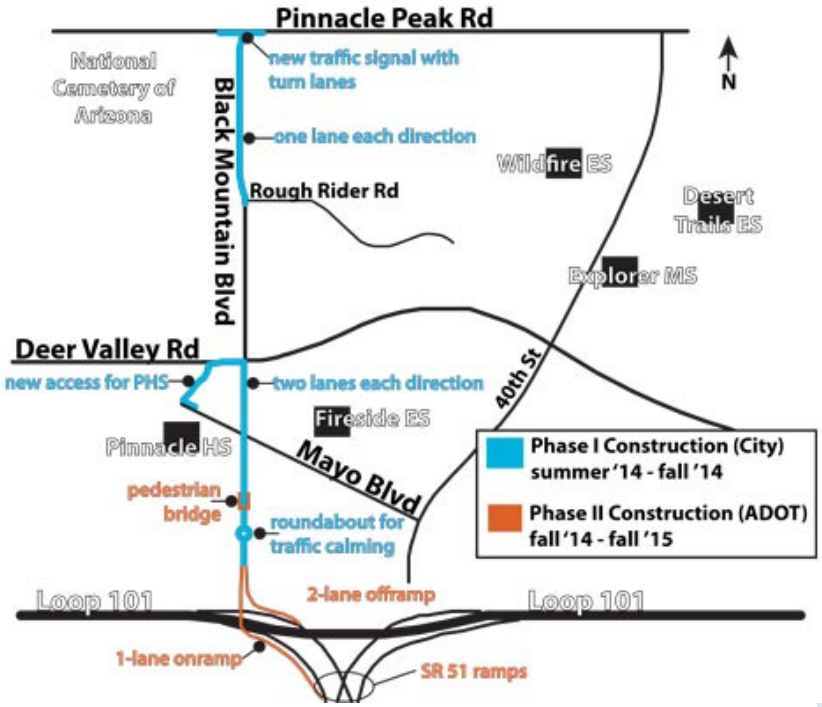
- I-17 to North Valley Parkway
- Two-step Design-Build Procurement
- Design underway
- Construction set for 2015



Major Construction Projects (continued)

Black Mountain Boulevard

- Regional Transportation Plan
- Collaboration – COP, ADOT
- Public and Agency Involvement
- Planning and Environmental
- Construction Start - June 2014
- Project Completion - Fall 2015



Future Needs

- Revenue projections: $2 billion for next 20 years
- Estimated $6 billion in projected needs; shortfall approx. $4 billion
- Estimated $509 million in critical needs

Critical Infrastructure Needs

INITIATIVE	AMOUNT
Major Maintenance	$250,000,000
Special Projects	$100,000,000
Bicycle Mobility	$75,000,000
Pedestrian Mobility	$40,000,000
Drainage and Bridges	$25,000,000
Technology Enhancements	$19,000,000
Total:	$509,000,000

Expansion of Public Transit Network

1. Street improvements to support expansion of bus service
   - Curb, gutter, sidewalk, bike lanes, street lighting, pavement improvements
2. Street improvements to support high capacity transit corridor expansion
   - Improvements to street network adjacent to light rail corridors – outside of project work
3. Street improvements to better support existing high transit use corridors
   - Sidewalk, bike lanes, street lighting, pavement improvements

Contacts

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