

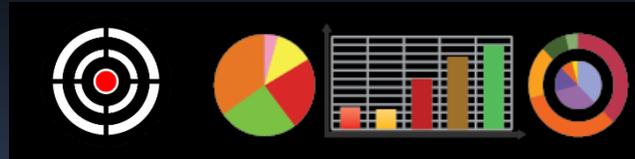
# Performance Measures and Targets

Transportation Policy Committee  
February 18, 2015



# Performance Measures and Targets

- MAG's Performance Management Program initiated 2009
- 2010 State mandated Performance Audit
- 2012 Web-based tools – Dashboard, RTP project viewer
- 2013-14 MAP-21 rulemaking



- **Supporting Planning and Programming activities at MAG**
  - Data and analysis for Area and Corridor Studies
  - Component of the RTP and Annual Report of Prop. 400
  - Basis for evaluative tools (CMP, CMAQ, STP, TA, ALCP)

# Performance Measures and Targets

<http://performance.azmag.gov>

<http://projectcards.azmag.gov>

**MAGnitude TRANSPORTATION PERFORMANCE**

Freeways Arterials Transit Non-Motorized

System Corridor

ADOT FMS Private Sector Data

2009 2010 2011 2012 2013

Go to RTP Project Cards Go to Analytical Tools

**Annual Average Daily Traffic Volumes - General Purpose Lanes**

- Less than 25,000
- 25,000 - 50,000
- 50,000 - 75,000
- Greater than 75,000
- No data

**Annual Average VMT vs Cost of Gas/Gallon**

Phoenix, Mesa, AZ

**Average Daily Congestion Duration vs Average Daily VMT (Per Lane-Mile)**

**Freeway Traffic Distributions for the MAG Region**

**Freeway PM Peak Speeds**

General Purpose Lanes: 55.95  
HOV Lanes: 61.35

Download About Magnitude MAG Home

**I-10 Papago Project Card**

SR-202 Red Mountain

**I-10 Papago**  
Sarivak Ave to SR-101 Agua Fria - Addition of new eastbound and westbound lanes

Project Card TRAC # H709601

**RTP Phase 1**

**Project Description**

The work consisted of adding one general purpose and one HOV lane in each direction in the median area of the freeway. Also, two 2 bridges were reconstructed and an additional 6 bridges were widened.

**Improvements Include:**

- New general purpose and HOV lanes
- Reconstructed bridges
- Widened bridges

**Project Benefits**

In need of widening and modernization, this was the first Interstate 10 widening project aimed at improving regional traffic flow in the West Valley.

**Schedule**

2004 2005 2006 2007 2008 2009 2010 2011

DCR Design Construction

● Voter Approval ● Open to traffic

**Cost**

Category	Expenditure (\$M)
Total	93
Construction	88.65
Design	4.35

**Volumes**

**Annual Average Weekday Traffic (Thousands of Vehicles)**

2007: 131, 2008: 125, 2009: 105, 2010: 106, 2011: 105

Our Valley Freeway System is part of the 2004 voter-approved Regional Transportation Plan  
Copyright © 2014

Published Date: 10/15/2012  
Updated Date: 6/10/2014

# Performance Measures and Targets

- MAP-21
  - National Goals
  - Measures and Targets
  - NPRMs
  - Transparency and Accountability
  - Technical basis for decision-making
  - Requires State/MPO and Transit agency coordination
  - Reporting Cycles

# Performance Measures and Targets

## Target Setting

- Link between measures & goals and objectives
- Provide context to evaluate effectiveness of investment decisions
- Communicate progress towards achievement of stated goals

## MAG approach

- Coordination with RTP partners, policy consultation
- Collaboration with member agencies

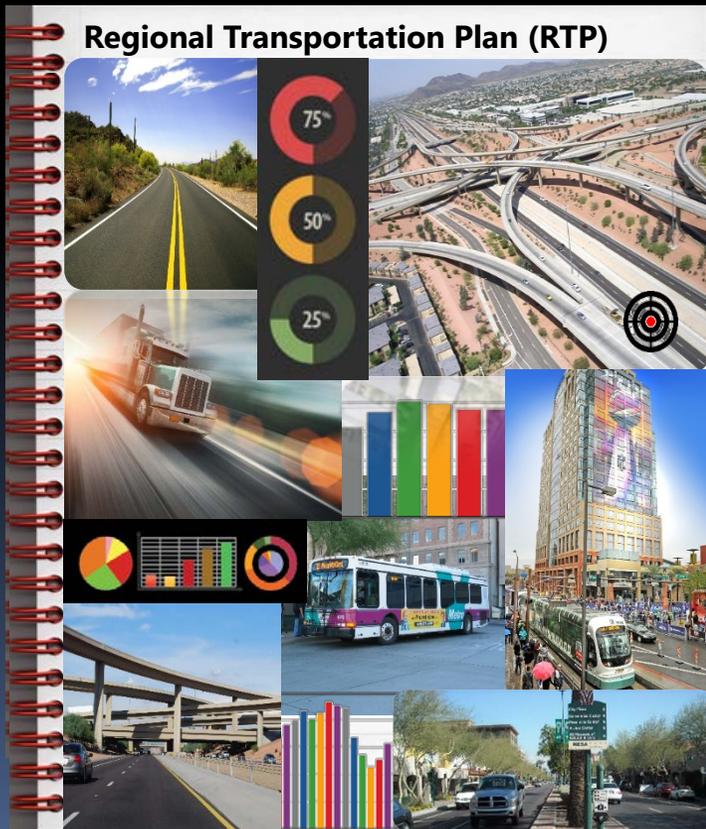
# Performance Measures and Targets

## Next Steps

- Continue monitoring MAP-21 Rulemaking process
  - Provide coordinated comments to NPRMs
- Undergo 2015 RTP Audit
- Form a MAG Measures and Targets Working Group to:
  - Define context and time horizon
  - Select measures and scope
  - Consider funding availability

# Performance Measures and Targets

## MAG RTP Update



- The FHWA Metropolitan Transportation Planning NPRM was issued in June 2014 and is anticipated to take effect in final form later this year
- The next RTP will be a transitional update of the plan, maintaining the current Life Cycle Program structure and incorporating the majority of the anticipated MAP-21 performance measurement and target setting requirements

# MAGni↑ude

Transportation Performance Dashboard



interactive visualization tool for regional multimodal transportation information and analysis

[performance.azmag.gov](http://performance.azmag.gov)

In collaboration with the Arizona Department of Transportation and Valley Metro



Regional Transportation Plan (RTP)

Project Cards



informational viewer tool for all completed and underway RTP Freeway projects and Light Rail transit projects

[projectcards.azmag.gov](http://projectcards.azmag.gov)

In collaboration with the Arizona Department of Transportation and Valley Metro

## Staff Contact

Monique de los Rios-Urban

[mdelos@azmag.gov](mailto:mdelos@azmag.gov)

602.452.5061

[www.azmag.gov](http://www.azmag.gov)

