

performance measurement in

MAP
2013

TRC APRIL 25, 2013

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Performance Measurement and Management in MAP-21:

- Under MAP-21, U.S. DOT will establish performance measures and targets in consultation with MPOs
- MPOs must incorporate these performance measures and targets into their Transportation Improvement Programs (TIPs) and Long Range Transportation Plans
- MPOs are also required to report on how these investments will make progress toward meeting those targets

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Performance Measurement and Management in MAP-21:

Performance measures under MAP-21 introduce significant modifications to the federal-aid highway program

- Increasing the accountability and transparency
- Improving project decision making through performance-based planning and programming
- Refocusing on national transportation goals

National Goals

- (1) Safety
- (2) Infrastructure Condition
- (3) Congestion Reduction
- (4) System Reliability
- (5) Freight Movement & Economic Vitality
- (6) Environmental Sustainability
- (7) Reduced Project Delivery Delays





State Level

- Within a year of the Secretary's final rulemaking, states must set performance targets
- MAP-21 imposes penalties on states that fail to meet their performance targets under the NH Performance Program and the Highway Safety Improvement Program

MPO Level

- Within 180 days of the establishments of State's targets
- MPOs must establish performance targets that reflect national performance goals and measures
- Measures must be coordinated with state DOTs and transit providers



MPO Level

- MAP-21 also requires that the TIPs developed by MPOs include a description of the anticipated effect of the program on achieving regional performance targets
- This requirement is designed to directly link investments to performance targets.



Freeways

Arterials

Transit

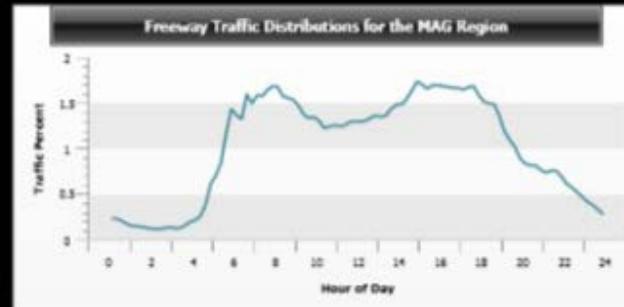
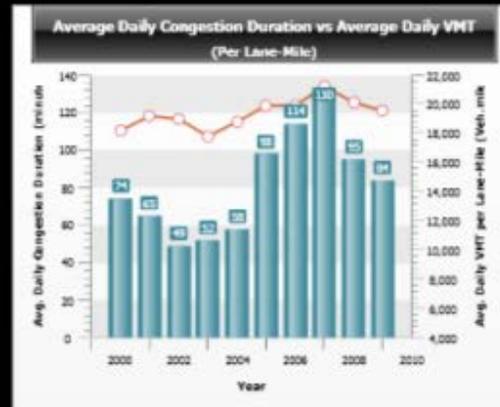
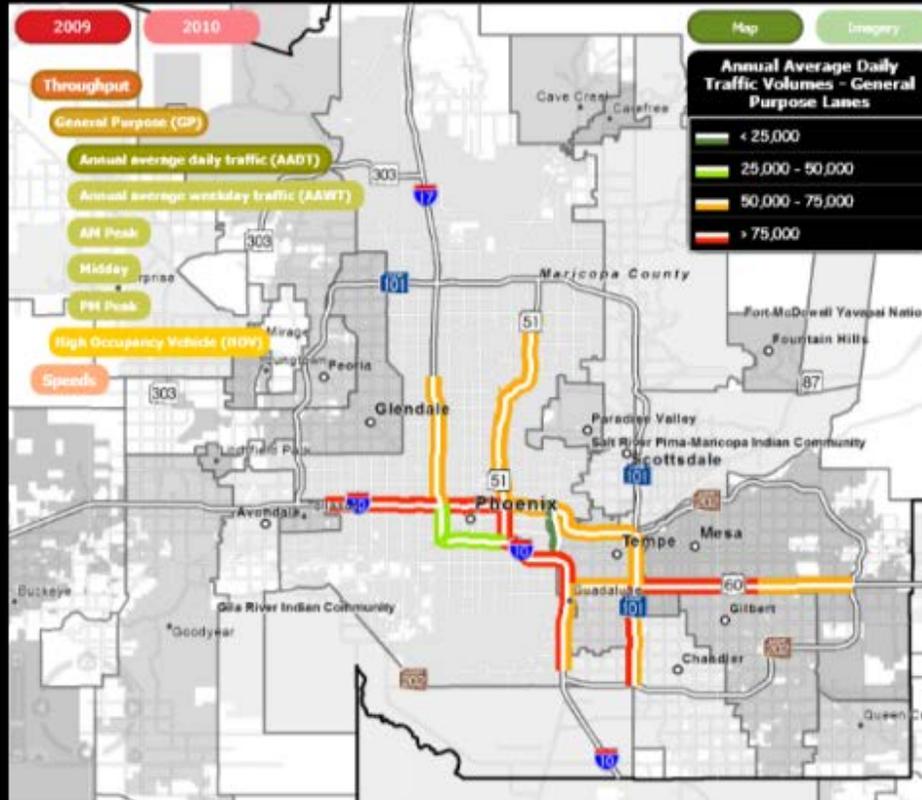
Non-Motorized

System

Corridor

About Magnitude

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Loop 202/RED MOUNTAIN TRAC # H687101

I-10/SR-51 to 101 Loop - Addition of new eastbound lanes
 101 Loop to Scottsdale Rd. - Addition of new westbound lanes

Project Card

May 2012

RTP Phase I

Project Description

The 11-mile Loop 202 (Red Mountain Freeway) widening Project adds new eastbound lanes between I-10/SR 51 and Loop 101 and new westbound lanes between Loop 101 and Scottsdale Road.

Project Benefits

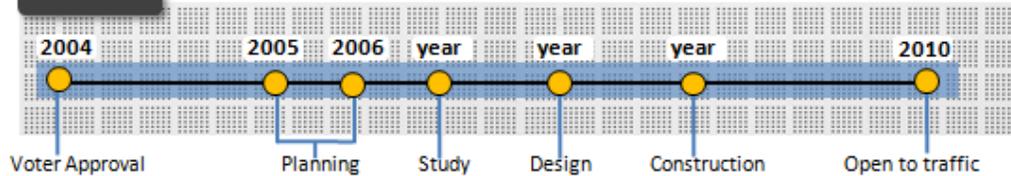
With the opening of new HOV lanes between Loop 101 and Gilbert Road on a coordinated, multi-project effort, drivers who use Loop 202 have a wider freeway stretching 18 miles between Phoenix and Mesa, a culmination of a 20-month-long effort to improve traffic flow on the Red Mountain Freeway.

Improvements will include:

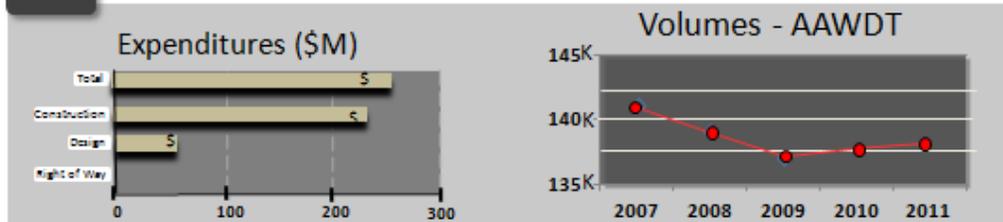
- Eastbound**
- ◆ One general-purpose lane from the I-10/SR 51 Traffic Interchange (TI) to Scottsdale Road
 - ◆ Two general-purpose lanes from Scottsdale Road to Loop 101/Loop 202 TI (to develop six general-purpose lanes approaching the system interchange)
- Westbound**
- ◆ Two general-purpose lanes from the Loop 101/Loop 202 TI to McClintock Drive (to develop three general-purpose and one HOV lane through the system interchange)
 - ◆ One general-purpose lane from McClintock Drive to Scottsdale Road



Schedule



Cost



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



I-17 Black Canyon TRAC # H706001

SR-74 Carefree Hwy - New traffic interchange

Project Card

July 2012

RTP Phase I

Project Description

The project removed and then reconstructed a new traffic interchange at Interstate 17 and State Route 74 (Carefree Highway). The new traffic interchange is a full-diamond interchange with the addition of two loop ramps. Also included were auxiliary lanes on I-17, lighting upgrades, improved drainage and rubberized asphalt.



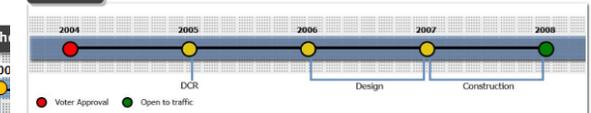
Improvements Include:
 ◆ New traffic interchange

Project Benefits

The loop ramps allow for seamless merging for the heavily traveled directions of northbound I-17 to westbound SR 74 and westbound SR 74 to southbound I-17. Because it was paved with rubberized asphalt, traffic noise was reduced and drivers have a smoother ride.



Schedule



Cost



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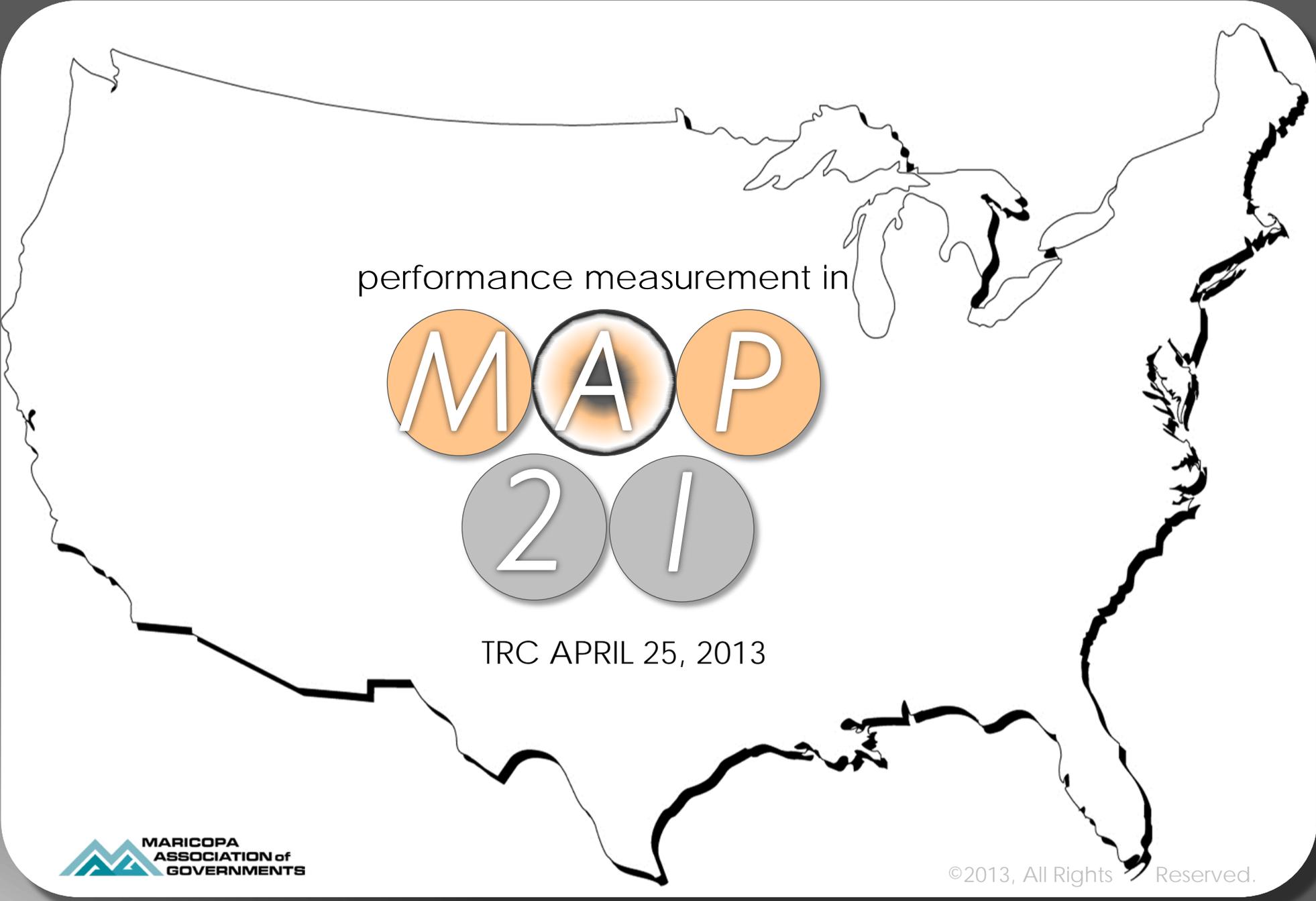
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