

# MAP-21 Program Finance

## Maricopa Association of Governments

September 2012

Streets Committee Overview

Teri Kennedy September 11, 2012

Your thoughts and ideas are more than desired – they are necessary. [Get involved](#)

[Site Index >>](#)



**Member Agencies**  
Regional Council  
Committees  
Projects

**Transportation**  
Environmental Programs  
Human Services  
Information Services

**Administration**  
Communications  
Information Technology  
Fiscal Services

## FY2014-FY2018 TIP Modal Applications

**IN THIS SECTION** Location: Home >> Transportation >> ModalApplications

- Regional Transportation Plan (RTP)
- Transportation Improvement Program (TIP)
- Arterial Life Cycle Program (ALCP)
- Traffic Data, Forecasts and Modeling
- Intelligent Transportation Systems Program
- Transportation Safety Planning Program
- Transportation Studies and Reports
- Commuter Rail Planning
- Federal Stimulus Legislation
- MAG Transportation Data Management System
- Multimodal Transportation Performance Measurement Web
- Access Management Program

### Applications and Forms:

- Call for Projects: Congestion Mitigation Air Quality (CMAQ) Funding
- FY2014-FY2018 Intelligent Transportation Systems (ITS) TIP Application
- FY2014-FY2018 Pedestrian and Bicycle TIP Cost Estimation Form
- FY2014-FY2018 Pedestrian, Bicycle and Shared-Use Facility Project TIP Application
- FY-2015 TIP Bicycle and Pedestrian Education Criteria
- FY2014-FY2018 PM-10 Certified Street Sweeper TIP Application
- FY2014-FY2018 PM-10 Paving TIP Cost Estimate Worksheet
- FY2014-FY2018 PM-10 Paving Unpaved Road Project TIP Application

### Maps and Documents:

- Phoenix-Mesa Urban Area Functionally Classified Roads Map, 2009
- PM-10 Nonattainment Area Boundary Map with Monitor Locations
- Street Sweeper TIP Application List of Rule 1186 Sweepers
- ADOT Policies and Procedures: Federal Property Management Standards
- Solicitation of PM-10 Certified Street Sweeper Projects for FY-2013 CMAQ Funding
- Solicitation of PM-10 Paving Unpaved Road Projects for Fiscal Year 2015, 2016, and 2017 CMAQ Funding

### Calendar

#### AUGUST 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### 2014-2018 Transportation Improvement Program (TIP) Call for Projects Schedule

2012		
August	3	• Federal Fund Project Applications available for Paving Unpaved Road Projects - FY2015, 2016, 2017, PM-10 Certified Street Sweepers - FY2013, ITS Projects - FY2015, 2016, 2017, Bicycle/Pedestrian Projects - 2015, 2016, 2017
	13	• Workshop on MAG Transportation Programming and Federal Fund Project Applications, 9:00 - 10:30 a.m. - Saguaro Room, 2nd Floor MAG
	27	• 1:00 - 3:30 p.m., MAG Cholla Room, Open Working Group - Federal Fund Project Applications
September	4	• Model Networks due to MAG
	5	• ITS Committee
	10	• 8:30 - 11:00 a.m., MAG Ironwood Room, Open Working Group - Federal Fund Project Applications

All documents, reports, and forms are available on the webpage

# The FHWA Congestion Mitigation and Air Quality Improvement (CMAQ) Program

- provides funds to States for transportation projects designed to improve air quality and reduce traffic congestion, particularly in areas of the country that do not attain national air quality standards.
- The RTP provides a balanced distribution of funding for each eligible mode
- All projects in this round of a **Call for Projects** will be CMAQ funded

# Project Application Schedule

- August 27, 2012 – 1:00 p.m. – 3 p.m. - Open Working Group
- September 10, 2012 – 8:30 – 11:00 a. m. - Open Working Group
- **Wednesday, September 19, 2012 – 10:00 A.M.** – Application for MAG Federal Fund Program due – LATE APPLICATIONS WILL NOT BE ACCEPTED
- October and November 2012 – Street, ITS, Bike/Ped (Modal) Committees review applications and presentations are made, CMP sketch tool is implemented – AQTAC review and rank projects, AQ report presented, Public Involvement report presented
- December 2012 – Modal Committees complete CMP & provide recommendations
- January 2012 – TRC recommends Paving, ITS, Bike/Ped projects for funding
- **February 2012** – Management & RC approve Street Sweepers; Management, TPC, and Regional Council approve paving projects, ITS, Bike/Ped projects

- July 6, 2012, President Obama signed into law P.L. 112-141, the Moving Ahead for Progress in the 21st Century Act (MAP-21).
- MAP-21 restructures core highway formula programs.
- Although MAP-21 achieves dramatic policy and programmatic changes, reform of the way highway programs are funded remains a challenge for the future.\*

# Apportioned Programs

## MAP-21

## SAFETEA-LU

### Program structure

MAP-21	Current Law
National Highway Performance Program (NHPP)	NHS, IM, & Bridge (portion)
Surface Transportation Program (STP)	STP & Bridge (portion)
Congestion Mitigation & Air Quality Improvement Program (CMAQ)	CMAQ
Highway Safety Improvement Program (HSIP)	HSIP (incl. High Risk Rural Roads)
Railway-Highway Grade Crossing (takedown from HSIP)	Railway Highway Grade Crossing
Metropolitan Planning	Metropolitan Planning
Transportation Alternatives ( <i>set aside from NHPP, STP, HSIP, CMAQ, and Metro Planning</i> )	TE, Recreational Trails, and Safe Routes to School

# Two Years of Funding

## MAP-21

- **Program authorized through FY14**
  - SAFETEA-LU funding extended through end of FY12
  - Most new provisions go into effect on October 1<sup>st</sup>
- **Avg. annual funding at FY12 levels (plus minor inflation, Equity Bonus removed in FY2013, OA unknown at this time)**
- **Extends Highway Trust Fund taxes and ensures 2 years of solvency for Highway Trust Fund (HTF)**
- **Substantial programmatic consolidation**
  - No earmarks
  - Most discretionary programs eliminated

# MAP-21 Formula Approach

Authorize lump sum for all apportioned programs



Calculate total amount to apportion to each State



Divide State lump sum among programs

## Division of a State's apportionment among programs

### CMAQ

State's lump sum multiplied by...

- State's FY09 CMAQ
- State's total FY09 apportionment



### Metro Planning

State's lump sum multiplied by...

- State's FY09 Metro Planning
- State's total FY09 apportionment



### Remainder

(net of CMAQ, Metro Planning) divided among...

- **NHPP** (63.7%)
- **STP** (29.3%)
- **HSIP** (7.0%)

...and then setasides for **Rail-Highway Grade Crossings** and the **Transportation Alternatives** program

# MAP-21 Estimates

FHWA, HCFB-1	U.S. DEPARTMENT OF TRANSPORTATION		
FEDERAL HIGHWAY ADMINISTRATION SUMMARY OF ESTIMATED FY 2012, FY 2013, AND FY 2014 APPORTIONMENTS UNDER THE CONFERENCE REPORT FOR THE MOVING AHEAD FOR PROGRESS IN THE 21ST CENTURY ACT (MAP-21)			
<b>Summary of Funding</b>			
<u>State</u>	FY 2012 Estimated Apportionments	FY 2013 Estimated Apportionments	FY 2014 Estimated Apportionments
<b>Arizona</b>	\$ 708,704,457	\$ 708,704,457	\$ 714,778,129
<b>All States</b>	\$ 37,476,819,674	\$ 37,476,819,674	\$ 37,798,000,000

\* Please note that the estimated Ferry Boats Program apportionments are not included in the totals shown.

# MAP-21 Estimates\*

## OA estimated at 95%

Year	Obligation Authority			
	Urban and O/S STP	CMAQ	Transportation Alternatives	Total*
2013	\$ 59,187,026	\$ 47,273,054	\$ 6,369,014	\$ 112,829,094
2014	\$ 59,740,536	\$ 47,672,195	\$ 6,422,790	\$ 113,835,521
2015	\$ 60,242,356	\$ 48,072,642	\$ 6,476,741	\$ 114,791,739
2016	\$ 60,748,392	\$ 48,476,452	\$ 6,531,146	\$ 115,755,990
2017	\$ 61,258,679	\$ 48,883,654	\$ 6,586,007	\$ 116,728,340
2018	\$ 61,773,252	\$ 49,294,277	\$ 6,641,330	\$ 117,708,858

# FHWA CMAQ Program Estimates

## PM-10 Paving Dirt Roads

Year	Paving*
2013	\$ 4,500,000
2014	\$ 4,500,000
2015	\$ 4,500,000
2016	\$ 4,500,000
2017	\$ 4,500,000
2018	\$ 4,500,000

## Bike/Ped

Year	Bicycle/Ped
2013	\$ 8,036,419
2014	\$ 8,104,273
2015	\$ 8,172,349
2016	\$ 8,240,997
2017	\$ 8,310,221
2018	\$ 8,380,027

## Arterial ITS

Year	Arterial-ITS-ALCP
2013	\$ 6,334,589
2014	\$ 6,388,074
2015	\$ 6,441,734
2016	\$ 6,495,845
2017	\$ 6,550,410
2018	\$ 6,605,433

PM-10 Street Sweepers  
FY 2013 = \$900,000

# Transportation Alternatives (TA)

## Incorporates eligibilities from many current programs

- Most (but not all) formerly TE-eligible activities
- Recreational trails program (Rec T)
- Safe Routes to Schools program (SRTS)
- Planning, designing, or constructing roadways within the ROW of former Interstate or other divided highways

## Similar funding level to TEs under SAFETEA-LU

- Total TA \$ equal to 2% of MAP-21 highway funding
- Funded via takedown from each State's formula funds
- **50% sub-allocated for more local control**
- 50% State allocation can be transferred to other formula programs

# TA Funding Distribution FY2013 example

## AZ Apportionment

- \$16.85 million to AZ, then Cut in Half
  - \$8.43 AZ Statewide
  - \$8.43 distributed to Large UZAs (over 200,000 in pop.); MAG and PAG

## MAG

- Population = 3,072,149
- MAG Percent of Large UZAs = 79.5%
- Amount = \$6.8 million
- Reduced by allowable Obligation Authority limit ≈ 95%
- Funding for FY2013 ≈ **\$6.2 million**

# Current TE in the MAG Region

ADOT Awarded TE Projects Currently in the TIP			
Years	Federal	Local	Sum of Total
2013	\$ 1,951,415	\$ 1,365,195	\$ 4,016,610
2014	\$ 486,926	\$ 29,432	\$ 516,358
2015	\$ 551,970	\$ 33,364	\$ 585,334
Grand Total	\$ 2,990,311	\$ 1,427,991	\$ 5,118,302

- ADOT has current Transportation Enhancements (TE) Projects in the TIP