

# **FHWA MAP-21 Program Finance Overview**

**Maricopa Association of Governments**

**December 13, 2012**

**Transportation Review Committee**

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# MAP-21

- 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. Merges and consolidates Transit formula programs.
- Although MAP-21 achieves dramatic policy and programmatic changes, reform of the way highway & transit programs are funded remains a challenge for the future.\*

# Two Years of Funding

## MAP-21

- **Surface Transportation Program is authorized through FFY14**
  - SAFETEA-LU funding was extended through end of FFY12
  - Most new provisions go into effect on October 1<sup>st</sup>, 2012, **performance** levels *tba*
- **Overall Surface Transportation Program at FFY2012 levels. Average annual funding for CMAQ and PL at FFY09 levels (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

# FHWA Apportioned Programs

MAP-21	SAFETEA-LU
National Highway Performance Program (NHPP)	NHS, IM, & Bridge (portion)
Surface Transportation Program (STP)	STP & Bridge (portion)
Congestion Mitigation & Air Quality Improvement Program (CMAQ), <i>new PM 2.5 compliance areas</i>	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 (set-a-side from NHPP, STP, HSIP, CMAQ, and Metro Planning)	Transportation Enhancements, Recreational Trails, & Safe Routes to School

# TIP Planning, transition into MAP-21:

- MAP-21 is a **2 year bill** to address a **5 year project development process**
- MAG will work under the reasonable **assumption** that MAP-21 will be continued through extensions & continuing resolutions to program the FY14-18 TIP and the RTP update
  - **Funding for some programs eliminated**, combined, reduced
  - Existing projects programmed for FFY 2013 & 2014 under SAFETEA LU rules and guidance
  - **MAG is working with ADOT and FHWA to implement new MAP-21 rules and guidance**

# 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

**\*\* Apply funding reductions based on noncompliance\*\***

## 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 Arizona 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)			
Summary of Funding			
<u>State</u>	FY 2012 Estimated Apportionments	FY 2013 Estimated Apportionments	FY 2014 Estimated Apportionments
Arizona	\$ 708,704,457	\$ 708,704,457	\$ 714,778,129
All States	\$ 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.

AZ receives 1.89% of All States funding for FFY2013

# MAP-2 I Estimates & Projections\*

**MAG Regional Funding OA estimated at 94.5%**

Year	Urban STP	CMAQ	HSIP	Transportation Alternatives	Total
2013	48.85	45.76	1.27	4.21	\$ 100.09
2014	49.26	46.14	1.28	4.83	\$ 101.51
2015	49.26	46.14	1.28	4.83	\$ 101.51
2016	49.26	46.14	1.28	4.83	\$ 101.51
2017	49.26	46.14	1.28	4.83	\$ 101.51
2018	49.26	46.14	1.28	4.83	\$ 102.34

\* Amounts will change based on penalties, OA notice, etc.  
(Year of Expenditure Dollars in Millions)

# Authorization Comparisons\*

## FY2013 MAG Programming Levels SAFETEA-LU Compared to MAP-21

2013 Program	SAFETEA-LU <sup>^</sup>	MAP-21	Difference (MAP-21 minus SAFETEA-LU)	% change
STP	61,589,404	51,643,299	(9,946,105)	-16.15%
CMAQ	55,849,890	48,368,972	(7,480,918)	-13.39%
HSIP	1,000,000	1,337,546	337,546	33.75%
TA**	N/A	4,214,548	4,214,548	100.00%
<b>Total</b>	<b>\$ 118,439,294</b>	<b>\$ 105,564,365</b>	<b>\$ (12,874,928)</b>	<b>-10.87%</b>

\*Apportionments Levels noted, no OA applied

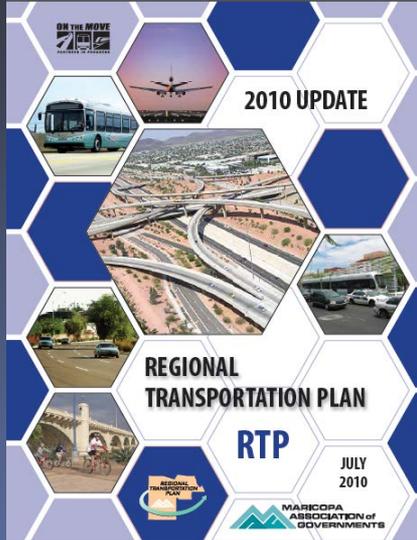
\*\*Recreational Trails, Transportation Enhancements, SRTS activities from FFY2012; programmed by the State)

<sup>^</sup> SAFETEA-LU FY2013 estimate based on November 2011 FHWA/ADOT/MAG projections

# Comments About MAP-21

- Overall Funding levels for Statewide Program is at 2012 distribution levels.
- Funding for MAP-21 CMAQ and PL programs, are based on each state's 2009 total apportionment of CMAQ and PL.
- More concentration on Safety
- Funding distributed within the state based on **2010 Census info**
- AZ has 3 new eligible MPOs
  - Sierra Vista
  - Lake Havasu City
  - Casa Grande

# Funding Ratios RTP



Life Cycle Program	Modes	1/2 Cent	ADOT Funds	FTA (5307)	FTA (5309)	MAG-STP	CMAQ	Total Regional Funding
FLCP	Freeway	56.2%	100.0%			20.4%	19.1%	58.8%
ALCP	Arterial & ITS	10.5%				79.6%	13.4%	9.6%
TLCP	Bus Transit	18.9%		100.0%	17.0%		3.0%	17.0%
	Light Rail Transit	14.4%			83.0%		32.9%	13.4%
	Bicycle/ Ped.						17.0%	0.7%
	Air Quality						14.6%	0.6%
	<b>Total</b>	<b>100%</b>						

# MAP-21 Estimated Programming\*

## MAG FEDERAL HIGHWAY TRANSPORTATION FUNDS: FY 2013-2018

11/27/2012

(Year of Expenditure Dollars in Millions)

Table 3

Fiscal Year	MAG STP			MAG CMAQ						MAG Programs		Total Program
	Fwy/Hwy GAN	Arterial	Sub Total	Fwy / Hwy	Arterial	Transit	Bk/Ped	AQ	Sub Total	TA-MAG	HSIP-MAG	
2013**	34.1	10.0	44.1	7.40	6.13	16.43	7.78	6.68	44.4	4.2	1.3	93.9
2014	34.1	10.2	44.3	8.81	6.18	16.56	7.84	6.74	46.1	4.8	1.3	91.7
2015	34.1	10.0	44.1	8.81	6.18	16.56	7.84	6.74	46.1	4.8	1.3	91.5
2016	12.7	31.2	43.9	8.81	6.18	16.56	7.84	6.74	46.1	4.8	1.3	91.3
2017	0.0	44.1	44.1	8.81	6.18	16.56	7.84	6.74	46.1	4.8	1.3	91.5
2018	0.0	44.3	44.3	8.81	6.18	16.56	7.84	6.74	46.1	4.8	1.3	91.7
<b>2014-2018</b>	<b>80.9</b>	<b>139.7</b>	<b>220.6</b>	<b>44.1</b>	<b>30.9</b>	<b>82.8</b>	<b>39.2</b>	<b>33.7</b>	<b>230.7</b>	<b>24.1</b>	<b>6.4</b>	<b>457.7</b>

\* Obligation Authority (OA) 94.6%

Federal Action on OA rate for MAP-21 still estimated

Estimated Growth rate from FFY2013 to FFY2014

0.84%

Estimated Growth rate from FFY2014 to FFY2018

0.00%

\*\* Projected amount of Contract Authority and Obligation Limitation extrapolated from the amount currently provided by PL 112-175

# Transportation Alternatives (TA)

## Incorporates eligibilities from many current programs

- Most (but not all) formerly Transportation Enhancements (TE) - eligible activities
- Safe Routes to Schools program (SRTS)
- **New:** 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 slice 1/3 off the top to the Recreational Trails portion
- Cut in Half remainder
  - \$5.64 AZ Statewide
  - \$5.64 distributed to areas by population in state for local regional programming

## MAG

- MAG Population Percent of State Pop times \$5.64
- Reduced by allowable Obligation Authority limit  $\approx$  94.6%
- Funding for FY2013  $\approx$  **\$4.21 million**

# Current TE in the MAG Region

<b>ADOT Awarded TE Projects Currently in the TIP</b>			
<b>Years</b>	<b>Federal</b>	<b>Local</b>	<b>Sum of Total</b>
2013	\$ 1,701,415	\$ 1,130,306	\$ 2,831,721
2014	\$ 486,926	\$ 29,432	\$ 516,358
2015	\$ 551,970	\$ 33,364	\$ 585,334
<b>Grand Total</b>	<b>\$ 2,740,311</b>	<b>\$ 1,193,102</b>	<b>\$ 3,933,413</b>



## SRTS In MAG Region

Year	Federal	Regional	Local	Total
2011	\$ 710,230	\$ -	\$ -	\$ 710,230
2012	\$ 2,968,924	\$ -	\$ 44,200	\$ 3,013,124
Grand Total	\$3,679,154	\$ -	\$ 44,200	\$ 3,723,354

# Questions about Existing TE and SRTS Projects

- With the reduction in Statewide funding for Transportation Enhancements, Rec Trails, and SRTS, ADOT is evaluating all statewide STIP project listings for FFY2012, 13, 14, 15
- **For local control of TA program:**
  - How should the program develop?
  - Projects need to be **competitively evaluated**, how best to do that?

# Two step approach for TA Program

## Near Term FY 2013-14

- Evaluate current TE & SRTS projects in STIP/TIP
  - Workbooks sent out in October; collected in November, Report January
- Evaluate funding shortages for programmed projects, in MAG region
- Develop & Present scenarios to utilize TA program OA for FFY 2013-14

## Long Term FY 2015-18

- Determine MAG priorities and eligible activities
- Assign staff and committee
- Develop program evaluation & performance criteria
- Schedule Call For Projects
- Collect and evaluate applications
- Program in the TIP

# Contact information:

- FHWA: Current MAP-21 presentations  
<http://www.fhwa.dot.gov/map21/presentations.cfm>
- MAG TIP and Programming:
  - Teri Kennedy tkennedy@azmag.gov
  - Steve Tate state@azmag.gov
- Performance Program
  - Monique de los Rios-Urban MdelosRios@azmag.gov



# Thank you,

- This item is for information and discussion