



U.S. Department  
of Transportation  
Federal Highway  
Administration

ARIZONA DIVISION

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May 21, 2012

In Reply Refer To:

(727)

Arizona FY 2011-2014  
Statewide Transportation Program (STIP)  
Approval of Amendment No. 60  
HPM-AZ

Mr. Joseph S. Omer, Division Director  
Multimodal Planning Division  
Arizona Department of Transportation, (300B)  
Phoenix, Arizona 85007

Dear Mr. Omer:

We have reviewed your April 26, 2012 request to amend the FY 2011-2014 Statewide Transportation Improvement Program (STIP) to include the FY 2012-2014 portion of the enclosed list of projects of Amendment 14 to the FY 2011-2015 Transportation Improvement Program adopted by the Maricopa Association of Governments Regional Council on April 25, 2012.

We accept this Amendment in accordance with 23 CFR 450 and find that this STIP amendment was developed based on a continuing, cooperative and comprehensive transportation planning process in accordance with the 23 USC 134 and Section 5303 of the Federal Transit Act (49 USC 53). The changes made to the program by this amendment are either exempt or are regarded as minor project revisions that do not require conformity determination [40 CFR §93.126].

This letter constitutes approval and inclusion of Amendment 60 into the Arizona FY 2011-2014 Statewide Transportation Improvement Program (STIP). Our approval is based upon the Arizona Department of Transportation's assurance that the funding for the projects in this amendment will not adversely impact the STIP Financial Plan.

Sincerely,

*for* Karla S. Petty  
Division Administrator

Enclosure



**Arizona Department of Transportation**  
**Multimodal Planning Division**

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Janice K. Brewer  
Governor

Scott Omer  
Division Director

John S. Halikowski  
Director

April 26, 2012

Ms. Karla S. Petty  
Division Administrator  
Federal Highway Administration  
4000 North Central Avenue, Suite 1500  
Phoenix, AZ 85012-1906

RE: FY 2011-2014 STIP, Amendment Number 60

Dear Ms. Petty:

As the Governor's designee, I approve the action taken by the Maricopa Association of Governments (MAG) Regional Council on April 25, 2012 to amend their FY 2011-2015 Transportation Improvement Program (TIP). I cordially request Amendment Number 60 of the FY 2011-2014 State Transportation Improvement Program (STIP).

This amendment is in accordance with 23 CFR 450 and was developed based on a continuing, cooperative, and comprehensive transportation planning process in accordance with 23 USC 134 and section 5303 of the Federal Transit Act (49 USC 53). All of the projects on the table are either exempt or are regarded as minor project revisions that do not require conformity determination [40 CFR §93.126]. The funding for the projects in this amendment will not adversely impact the STIP Financial Plan.

Your prompt approval of this request will be greatly appreciated.

Sincerely,

Scott Omer

cc: Ed Stillings                      Jodi Rooney  
Paul Page                              Lisa Danka  
Teri Kennedy                         Seth Kaufman  
John Dickson                         Irene Higgs

Attachment

April 25, 2012

Mr. Scott Omer  
Multimodal Planning Division  
Arizona Department of Transportation  
206 South 17th Avenue, MD 310B  
Phoenix, Arizona 85007

Dear <sup>Scott</sup> Mr. Omer:

On July 28, 2010, the MAG Regional Council approved the FY 2011-2015 MAG Transportation Improvement Program (TIP). On April 25, 2012, the MAG Regional Council approved the fourteenth amendment and an administrative modification to the FY 2011-2015 TIP. This amendment and administrative modification is related to highway and transit projects in the MAG region. Details of these project changes are shown in the attached tables on three sheets. As the Governor's designee for approval of TIPs and TIP amendments in the State of Arizona, we request your approval of the amendment and modification of the TIP, which are necessary to ensure the continuation of the projects involved. In addition to approval of the MAG TIP amendment and modification, we also request that ADOT process the necessary amendment to the relevant Statewide Transportation Improvement Program (STIP) as soon as possible.

All of the above mentioned projects are regarded as either exempt for air quality purposes or are regarded as minor project revisions that do not require conformity determinations. The conformity consultation process on these projects concluded on April 25, 2012 with no specific comments regarding the projects being received.

Your support and the assistance of your staff in ensuring the timely progression of these projects are much appreciated. We look forward to a continuing close relationship with the State in meeting the transportation needs of our region. Please contact me or Teri Kennedy if you need any clarification regarding these amendments.

Sincerely,



Dennis Smith  
Executive Director

cc: Ed Stillings, FHWA;  
Paul Page, FTA  
Lisa Danka, ADOT  
John Dickson, ADOT Local Governments  
Lupe Harriger, ADOT MPD

**TABLE A. Amendments and Administrative Modifications to the FY2011-2015 TIP and the FY2012 ALCP**

Maricopa County has requested to advance construct Phase II of Northern Parkway, which includes the projects listed in Tables A and B below. The Arizona Department of Transportation (ADOT) and the Federal Highway Administration require advanced work to be reflected in the Transportation Improvement Program (TIP) if the work is programmed to occur during the current TIP window (Fiscal Years 2011 – 2015). Reimbursements also must be programmed in the TIP if (1) the reimbursement is programmed to occur in the current TIP window and (2) the reimbursement will occur in a different fiscal year than work occurred. Maricopa County also has requested to reallocate existing programmed ALCP federal funds allocated to Northern Parkway to different segments of the corridor based on the anticipated program schedule. The total amount of federal funding in the ALCP allocated to the program has not changed, and federal funds were not advanced in the requested programming.

Table A includes all the requested project changes to be made to the FY 2011 – 2015 TIP and the FY 2012 Arterial Life Cycle Program (ALCP). Table B includes all requested project changes to be made to the FY 2012 ALCP only. The federal funds in the ALCP were not advanced in the requested programming.

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Note
Maricopa County	2012	2013	<del>MMA12-106RZ</del>	Northern Parkway: Sarival to Dysart	Reimbursement for roadway widening	4	4	6	STP-MAG	<del>\$ 7,030,207</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 7,030,207</del>	STP-MAG	\$ 7,030,207	Amend. Delete line item from the TIP. ALCP funds reallocated to other segments. Clerical error on TRC version, miles was incorrectly listed as 2 miles.
Maricopa County	2012	2014	<del>MMA12-106RZ2</del>	Northern Parkway: Sarival to Dysart	Reimbursement for roadway widening	4	4	6	STP-MAG	<del>\$ 5,000,000</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 5,000,000</del>	STP-MAG	\$ 5,000,000	Amend. Delete line item from the TIP. ALCP funds reallocated to other segments. Clerical error on TRC version, miles was incorrectly listed as 2 miles.
Maricopa County	2012	2015	<del>MMA12-106RZ3</del>	Northern Parkway: Sarival to Dysart	Reimbursement for roadway widening	4	4	6	STP-MAG	<del>\$ 4,030,207</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 4,030,207</del>	STP-MAG	\$ 4,030,207	Amend. Delete line item from the TIP. ALCP funds reallocated to other segments. Clerical error on TRC version, miles was incorrectly listed as 2 miles.
Maricopa County	2013	2013	MMA13-106CLZ	Northern Parkway: Sarival to Dysart	Construct and landscape roadway widening	4	4	6	HURF	\$ 495,970	\$ -	\$ 27,758	\$ 523,728	STP-MAG	\$ 495,970	Amend. Add line item to the TIP. Work continued from previous FFYs. Clerical error on TRC version, miles was incorrectly listed as 2 miles.
Maricopa County	2014	2014	MMA14-106CLZ	Northern Parkway: Sarival to Dysart	Construct and landscape roadway widening	4	4	6	HURF	\$ 2,409,973	\$ -	\$ 134,877	\$ 2,544,850	STP-MAG	\$ 2,409,973	Amend. Add line item to the TIP. Work continued from previous FFYs. Clerical error on TRC version, miles was incorrectly listed as 2 miles.
Maricopa County	2012	2013	MMA11-923	Northern Parkway: Dysart to 111th	Design bridge construction and roadway widening	2.5	2	4	HURF	\$ -	\$ -	\$ 242,000	\$ 242,000	STP-MAG	\$ 169,400	Amend. Change in project scope to include bridge. Total work phase cost increased.
Maricopa County	2013	2013	MMA11-923RZ	Northern Parkway: Dysart to 111th	Reimbursement for design of bridge construction and roadway widening	2.5	2	4	STP-MAG	\$ 169,400	\$ -	\$ -	\$ 169,400	STP-MAG	\$ 169,400	Amend. Add line item in the TIP. Reimbursement for work in FFY12. Received reallocated ALCP funds.
Maricopa County	2013	2013	MMA13-118DZ	Northern Parkway: Dysart to 111th	Design bridge construction and roadway widening	2.5	2	4	STP-MAG	\$ 1,600,967	\$ -	\$ 686,129	\$ 2,287,095	STP-MAG	\$ 1,600,967	Amend. Add new line item to the TIP. Total work phase cost increased. Received reallocated ALCP funds.
Maricopa County	2014	2014	MMA14-118DZ	Northern Parkway: Dysart to 111th	Design bridge construction and roadway widening	2.5	2	4	STP-MAG	\$ 651,204	\$ -	\$ 279,087	\$ 930,291	STP-MAG	\$ 651,204	Amend. Add new line item to the TIP. Total work phase cost increased. Received reallocated ALCP funds.
Maricopa County	2012	2013	MMA11-922	Northern Parkway: Dysart to 111th	Acquisition of right-of-way for bridge construction and roadway widening	2.5	2	4	HURF	\$ -	\$ -	\$ 1,630,134	\$ 1,630,134	STP-MAG	\$ 1,141,094	Amend. Changed project scope to include bridge. Increased work phase total cost. Received reallocated ALCP funds.
Maricopa County	2013	2013	MMA11-922RZ	Northern Parkway: Dysart to 111th	Reimbursement for acquiring of right-of-way for bridge construction and roadway widening	2.5	2	4	STP-MAG	\$ 1,141,094	\$ -	\$ -	\$ 1,141,094	STP-MAG	\$ 1,141,094	Amend. Add new line item to the TIP. Reimbursement advanced from FFY16 to FFY12. Received reallocated ALCP funds.

TABLE A. (Continued)																
Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Note
Maricopa County	2013	2013	MMA13-118RWZ	Northern Parkway: Dysart to 111th	Acquisition of right-of-way for bridge construction and roadway widening	2.5	2	4	STP-MAG	\$ 865,197	\$ -	\$ 370,799	\$ 1,235,996	STP-MAG	\$ 865,197	Amend. Changed project scope to include bridge. Increased work phase total cost. Received reallocated ALCP funds.
Maricopa County	2013	2013	MMA13-118RWZ2	Northern Parkway: Dysart to 111th	Acquisition of right-of-way for bridge construction and roadway widening	2.5	2	4	HURF	\$ 815,890	\$ -	\$ 349,667	\$ 1,165,557	STP-MAG	\$ 815,890	Amend. Add new line item in the TIP. Increased work phase total cost. Received reallocated ALCP funds.
Maricopa County	2014	2014	MMA14-113RWZ	Northern Parkway: Dysart to 111th	Acquisition of right-of-way for bridge construction and roadway widening	2.5	2	4	STP-MAG	\$ 3,205,268	\$ -	\$ 1,373,686	\$ 4,578,954	STP-MAG	\$ 3,205,268	Amend. Add new line item in the TIP. Increased work phase total cost. Received reallocated ALCP funds. Work to occur in FFY14.
Maricopa County	2014	2014	MMA14-113CX	Northern Parkway: Dysart to 111th	Construct bridge and roadway widening	2.5	2	4	STP-MAG	\$ 327,638	\$ -	\$ 140,416	\$ 468,055	STP-MAG	\$ 327,638	Amend. Changed project scope to include bridge. Work deferred from FFY13 to FFY14. Increased total work phase cost. Received reallocated ALCP funds.
Maricopa County	2014	2015	MMA15-113CX	Northern Parkway: Dysart to 111th	Construct bridge and roadway widening	2.5	2	4	HURF	\$ -	\$ -	\$ 5,757,438	\$ 5,757,438	STP-MAG	\$ 4,030,207	Amend. Changed project scope to include bridge. Increased total work phase cost. Received reallocated ALCP funds.
Maricopa County	2015	2015	MMA15-113RZ	Northern Parkway: Dysart to 111th	Reimbursement for constructing bridge and roadway widening	2.5	2	4	STP-MAG	\$ 4,030,207	\$ -	\$ -	\$ 4,030,207	STP-MAG	\$ 4,030,207	Amend. Add new line item in the TIP. Received reallocated ALCP funds.
Maricopa County	2014	2016	MMA14-113CZ	Northern Parkway: Dysart to 111th	Construct bridge and roadway widening	2.5	2	4	HURF	\$ -	\$ -	\$ 5,370,353	\$ 5,370,353	STP-MAG	\$ 3,759,247	Amend. Add new line item in the TIP. Increased total work phase cost. Received reallocated ALCP funds.
Maricopa County	2015	2016	MMA15-113CZ	Northern Parkway: Dysart to 111th	Construct bridge and roadway widening	2.5	2	4	HURF	\$ -	\$ -	\$ 14,543,914	\$ 14,543,914	STP-MAG	#####	Amend. Add new line item in the TIP. Increased total work phase cost. Received reallocated ALCP funds.
Maricopa County	<del>2012</del>	<del>2016</del>	<del>MMA14-111DZ</del>	Northern Parkway: Agua Fria Bridge	Advance Design roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 614,143</del>	<del>\$ 614,143</del>	STP-MAG	\$ 429,900	Amend. Delete project from TIP. Work to be conducted as part of Northern Parkway: Dysart to 111th Avenue. ALCP funds reallocated to other projects. Clerical error on TRC version, listed in table B (s/b table A).
Maricopa County	<del>2015</del>	<del>2016</del>	<del>MMA15-111CZ</del>	Northern Parkway: Agua Fria Bridge	Advance Construct roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 7,676,790</del>	<del>\$ 7,676,790</del>	STP-MAG	\$ 5,373,753	Amend. Delete project from TIP. Work to be conducted as part of Northern Parkway: Dysart to 111th Avenue. ALCP funds reallocated to other projects. Clerical error on TRC version, listed in table B (s/b table A).
Maricopa County	<del>2012</del>	<del>2016</del>	<del>MMA12-925</del>	Northern Parkway: Reems Overpass	Design roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 1,040,582</del>	<del>\$ 1,040,582</del>	STP-MAG	\$ 728,407	Amend. Delete project from the TIP. Work to be conducted in a new Project combined with the Litchfield Overpass project. ALCP funds reallocated to other segments. Clerical error on TRC version, listed in table B (s/b table A).
Maricopa County	<del>2013</del>	<del>2016</del>	<del>MMA13-008CZ</del>	Northern Parkway: Reems Overpass	Construct roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 4,704,730</del>	<del>\$ 4,704,730</del>	STP-MAG	\$ 3,293,311	Amend. Delete project from the TIP. Work to be conducted in a new Project combined with the Litchfield Overpass project. ALCP funds reallocated to other segments. Clerical error on TRC version, listed in table B (s/b table A).

TABLE A. (Continued)																
Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Note
Maricopa County	2014	2017	MMA14-008CZ	Northern Parkway: Reems Overpass	Construct roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 4,704,730</del>	<del>\$ 4,704,730</del>	STP-MAG	\$ 3,293,311	Amend. Delete project from the TIP. Work to be conducted in a new Project combined with the Litchfield Overpass project. ALCP funds reallocated to other segments. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2012	2016	MMA14-110DZ	Northern Parkway: Litchfield Overpass	Design roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 1,172,064</del>	<del>\$ 1,172,064</del>	STP-MAG	\$ 820,445	Amend. Delete project from the TIP. Work to be conducted in a new Project combined with the Reems Overpass project. ALCP funds reallocated to other segments. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2014	2017	MMA14-110CZ	Northern Parkway: Litchfield Overpass	Construct roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 5,270,631</del>	<del>\$ 5,270,631</del>	STP-MAG	\$ 3,689,442	Amend. Delete project from the TIP. Work to be conducted in a new Project combined with the Reems Overpass project. ALCP funds reallocated to other segments. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2015	2017	MMA15-110CZ	Northern Parkway: Litchfield Overpass	Construct roadway widening	0.1	0	4	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 5,270,631</del>	<del>\$ 5,270,631</del>	STP-MAG	\$ 3,689,442	Amend. Delete project from the TIP. Work to be conducted in a new Project combined with the Reems Overpass project. ALCP funds reallocated to other segments. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2012	2013	MMA12-117DZ	Northern Parkway: Reems and Litchfield Overpasses	Design roadway widening and overpasses	0.2	0	4	HURF	\$ -	\$ -	\$ 331,053	\$ 331,053	None	\$ -	Amend. Add new project to the TIP. Combined Reems and Litchfield overpass projects. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2013	2013	MMA13-117DZ	Northern Parkway: Reems and Litchfield Overpasses	Design roadway widening and overpasses	0.2	0	4	STP-MAG	\$ 347,606	\$ -	\$ 148,974	\$ 496,580	STP-MAG	\$ 347,606	Amend. Add new project to the TIP. Combined Reems and Litchfield overpass projects. Received reallocated ALCP funds. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2013	2013	MMA13-117CZ	Northern Parkway: Reems and Litchfield Overpasses	Construct roadway widening and overpass	0.2	0	4	HURF	\$ -	\$ -	\$ 516,237	\$ 516,237	None	\$ -	Amend. Add new project to the TIP. Combined Reems and Litchfield overpass projects. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2014	2016	MMA14-117CZ	Northern Parkway: Reems and Litchfield Overpasses	Construct roadway widening and overpass	0.2	0	4	HURF	\$ -	\$ -	\$ 9,808,503	\$ 9,808,503	STP-MAG	\$ 6,865,952	Amend. Add new project to the TIP. Combined Reems and Litchfield overpass projects. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2014	2016	MMA14-112DZ	Northern Parkway: Northern Avenue at Loop 101	Design roadway widening and overpasses	0.5	4	6	HURF	\$ -	\$ -	\$ 1,072,371	\$ 1,072,371	STP-MAG	\$ 750,660	Amend. Increased total work phase cost. Clerical error on TRC version,listed in table B (s/b table A).
Maricopa County	2015	2016	MMA15-112DZ	Northern Parkway: Northern Avenue at Loop 101	Design roadway widening and overpasses	0.5	4	6	HURF	\$ -	\$ -	\$ 500,000	\$ 500,000	STP-MAG	\$ 350,000	Amend. Add new line item to the TIP. Work to occur in FFY15. Increased total work phase cost. Clerical error on TRC version,listed in table B (s/b table A).



TABLE A. (Continued)																
Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Note
Maricopa County	2015	2016	MMA14-112RWZ	Northern Parkway: Northern Avenue at Loop 101	Acquire right-of-way for roadway widening and overpass	0.5	4	6	HURF	\$ -	\$ -	\$ 3,342,340	\$ 3,342,340	STP-MAG	\$ 2,339,638	Amend. Deferred from FFY14 to FFY15. Clerical error on TRC version, listed in table B (s/b table A).
Maricopa County	2015	2016	<del>MMA15-112CZ</del>	Northern Parkway: Northern Avenue at Loop 101	Construct roadway widening and overpass	0.5	4	6	STP-MAG	\$ 1,123,232	\$ -	\$ 481,385	\$ 1,604,617	STP-MAG	\$ 1,123,232	Amend. Delete line item from the TIP. Worked deferred from FFY2015. Clerical error on TRC version, listed in table B (s/b table A).
Maricopa County	2015	2017	<del>MMA15-112CZ</del>	Northern Parkway: Northern Avenue at Loop 101	Construct roadway widening and overpass	0.5	4	6	HURF	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 5,549,846</del>	<del>\$ 5,549,846</del>	STP-MAG	\$ 3,884,892	Amend. Delete line item from the TIP. Worked deferred from FFY2015. Clerical error on TRC version, listed in table B (s/b table A).
Maricopa County	2014	2016	MMA14-119DZ	Northern Parkway: Dysart Overpass	Design roadway widening and overpass	0.1	0	4	HURF	\$ -	\$ -	\$ 500,000	\$ 500,000	STP-MAG	\$ 350,000	Amend. Add new project to the TIP. Work advanced from FFY16. Total work phase cost increased. Clerical error on TRC version, listed in table B (s/b table A).
Maricopa County	2015	2016	MMA15-119DZ	Northern Parkway: Dysart Overpass	Design roadway widening and overpass	0.1	0	4	HURF	\$ -	\$ -	\$ 500,000	\$ 500,000	STP-MAG	\$ 350,000	Amend. Add new project to the TIP. Work advanced from FFY16. Total work phase cost increased. Clerical error on TRC version, listed in table B (s/b table A).

TABLE B. Amendments and Administrative Modifications the FY2012 ALCP (Non-TIP Project Changes)

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Note
Maricopa County	2016	2016	NONE	Northern Parkway: Dysart to 111th	Reimbursement for constructing bridge and roadway widening	2.5	2	4	STP-MAG	\$ 3,759,247	\$ -	\$ -	\$ 3,759,247	STP-MAG	\$ 3,759,247	Amend. Add new line item. Received reallocated ALCP funds. Previous table showed TIP ID. This version removed the TIP ID.
Maricopa County	2016	2016	NONE	Northern Parkway: Dysart to 111th	Reimbursement for constructing bridge and roadway widening	2.5	2	4	STP-MAG	#####	\$ -	\$ -	\$ 10,180,740	STP-MAG	#####	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2016	2016	NONE	Northern Parkway: Reems and Litchfield Overpasses	Reimbursement for constructing roadway widening and overpass	0.2	0	4	STP-MAG	\$ 6,865,952	\$ -	\$ -	\$ 6,865,952	STP-MAG	\$ 6,865,952	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2016	2016	NONE	Northern Parkway: Northern Avenue at Loop 101	Reimbursement for design of roadway widening and overpasses	0.5	4	6	STP-MAG	\$ 750,660	\$ -	\$ -	\$ 750,660	STP-MAG	\$ 750,660	Amend. Received reallocated ALCP funds.
Maricopa County	2016	2016	NONE	Northern Parkway: Northern Avenue at Loop 101	Reimbursement for design of roadway widening and overpasses	0.5	4	6	STP-MAG	\$ 350,000	\$ -	\$ -	\$ 350,000	STP-MAG	\$ 350,000	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2016	2016	NONE	Northern Parkway: Northern Avenue at Loop 101	Reimbursement for acquiring right-of-way for roadway widening and overpasses	0.5	4	6	STP-MAG	\$ 2,339,638	\$ -	\$ -	\$ 2,339,638	STP-MAG	\$ 2,339,638	Amend ALCP. Received reallocated ALCP funds.

TABLE B. Amendments and Administrative Modifications the FY2012 ALCP (Non-TIP Project Changes)

Agency	Work Year	Reimb. Year	TIPIDN	Location	Work	Miles	Lanes Before	Lanes After	Funding	Federal	Regional	Local	Total	Reimb Fund Type	Reimb. Amount	Note
Maricopa County	2017	2017	NONE	Northern Parkway: Northern Avenue at Loop 101	Reimbursement for constructing roadway widening and overpass	0.5	4	6	STP-MAG	\$ 3,884,892	\$ -	\$ -	\$ 3,884,892	STP-MAG	\$ 3,884,892	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2016	2016	NONE	Northern Parkway: Dysart Overpass	Reimbursement for design of roadway widening and overpasses	0.1	0	4	STP-MAG	\$ 350,000	\$ -	\$ -	\$ 350,000	STP-MAG	\$ 350,000	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2016	2016	NONE	Northern Parkway: Dysart Overpass	Reimbursement for design of roadway widening and overpasses	0.1	0	4	STP-MAG	\$ 350,000	\$ -	\$ -	\$ 350,000	STP-MAG	\$ 350,000	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2016	2017	NONE	Northern Parkway: Dysart Overpass	Design roadway widening and overpass	0.1	0	4	HURF	\$ -	\$ -	\$ 2,784,856	\$ 2,784,856	STP-MAG	\$ 1,949,399	Amend. Total work phase cost increased.
Maricopa County	2017	2017	NONE	Northern Parkway: Dysart Overpass	Reimbursement for design of roadway widening and overpasses	0.1	0	4	STP-MAG	\$ 1,949,399	\$ -	\$ -	\$ 1,949,399	STP-MAG	\$ 1,949,399	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2017	2017	NONE	Northern Parkway: Dysart Overpass	Construct roadway widening and overpass	0.1	0	4	STP-MAG	#####	\$ -	\$ 6,990,218	\$ 23,300,726	STP-MAG	#####	Amend ALCP. Total work phase cost increased. Received reallocated funds.
Maricopa County	2017	2018	NONE	Northern Parkway: Dysart Overpass	Construct roadway widening and overpass	0.1	0	4	HURF	\$ -	\$ -	\$ 6,281,408	\$ 6,281,408	STP-MAG	\$ 4,396,986	Amend ALCP. Total work phase cost increased.
Maricopa County	2018	2018	NONE	Northern Parkway: Dysart Overpass	Reimbursement for constructing roadway widening and overpass	0.1	0	4	STP-MAG	\$ 4,396,986	\$ -	\$ -	\$ 4,396,986	STP-MAG	\$ 4,396,986	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2016	2016	NONE	Northern Parkway: Corridorwide ROW Protection	Acquire right-of-way for roadway widening	12.5	0	0	STP-MAG	\$ 700,000	\$ -	\$ 300,000	\$ 1,000,000	STP-MAG	\$ 700,000	Amend ALCP. Total segment cost increased.
Maricopa County	2017	2017	NONE	Northern Parkway: Corridorwide ROW Protection	Acquire right-of-way for roadway widening	12.5	0	0	STP-MAG	\$ 700,000	\$ -	\$ 300,000	\$ 1,000,000	STP-MAG	\$ 700,000	Amend ALCP. Total segment cost increased.
Maricopa County	2018	2020	NONE	Northern Parkway: Corridorwide ROW Protection	Acquire right-of-way for roadway widening	12.5	0	0	STP-MAG	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 114,156</del>	<del>\$ 114,156</del>	STP-MAG	\$ 79,909	Amend ALCP. Delete line item from ALCP. Reallocated ALCP funds. Work will not occur in FFY18.
Maricopa County	2019	2020	NONE	Northern Parkway: Corridorwide ROW Protection	Acquire right-of-way for roadway widening	12.5	0	0	STP-MAG	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 114,156</del>	<del>\$ 114,156</del>	STP-MAG	\$ 79,909	Amend ALCP. Delete line item from ALCP. Reallocated ALCP funds. Work will not occur in FFY19.
Maricopa County	2020	2020	NONE	Northern Parkway: Corridorwide ROW Protection	Acquire right-of-way for roadway widening	12.5	0	0	STP-MAG	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 114,156</del>	<del>\$ 114,156</del>	STP-MAG	\$ 79,909	Amend ALCP. Delete line item from ALCP. Reallocated ALCP funds. Work will not occur in FFY20.
Maricopa County	2018	2018	NONE	Northern Parkway: Interim	Reimbursement for roadway widening	12.5	0	0	STP-MAG	\$ 8,381,161	\$ -	\$ -	\$ 8,381,161	STP-MAG	\$ 8,381,161	Amend ALCP. New segment in the ALCP. Received reallocated ALCP funds.
Maricopa County	2019	2019	NONE	Northern Parkway: Interim	Reimbursement for roadway widening	12.5	0	0	STP-MAG	\$ 9,178,747	\$ -	\$ -	\$ 9,178,747	STP-MAG	\$ 9,178,747	Amend ALCP. New segment in the ALCP. Received reallocated ALCP funds.
Maricopa County	2020	2020	NONE	Northern Parkway: Interim	Reimbursement for roadway widening	12.5	0	0	STP-MAG	\$ 319,636	\$ -	\$ -	\$ 319,636	STP-MAG	\$ 319,636	Amend ALCP. New segment in the ALCP. Received reallocated ALCP funds.



**Table C. Non-ALCP Project Changes to the Fiscal Year 2011-2015 MAG Transportation Improvement Program**

4/26/2012

HIGHWAY													
TIP #	Agency	Project Location	Project Description	Fiscal Year	Length miles	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
DOT12-832	ADOT	101 Perryville Rd TI	Design traffic interchange	2012	0.2	11	11	RARF	\$0	\$0	\$1,300,000	\$1,300,000	Delete design project from FY 2012. The scope and funds for this project will be added to the proposed design build project at the Perryville Rd TI in FY 2013.
DOT13-929	ADOT	101 (Pima Fwy): Shea Blvd to Chaparral Rd	Design general purpose lane	2012	5	8	10	RARF	\$0	\$0	\$3,400,000	\$3,400,000	Admin Mod: Decrease total budget by \$3,000,000 (Decrease of Regional funds \$3,000,000). Split project into two (see DOT12-139): Change name to Shea Blvd to Chaparral Rd from Shea Blvd to SR202L, Red Mtn Fwy.
DOT12-139	ADOT	101 (Pima Fwy): Chaparral Rd to SR202L (Red Mtn Fwy)	Design general purpose lane	2012	5	8	10	RARF	\$0	\$0	\$3,000,000	\$3,000,000	Amend: Original DOT13-929 split into two projects. Add a new roadway design project in FY 2012 for \$3,000,000.
DOT12-100	ADOT	Mt. Ord - Slate Creek	Pavement Preservation	2012	6.0	4	4	NHS	\$199,500	\$3,300,500	\$0	\$3,500,000	Admin Mod: Change name to "Mt. Ord - Slate Creek" from "MP 218 - 224".
DOT12-140	ADOT	202 (Santan Fwy): Lindsay Rd to Gilbert Rd	Convert flat rate load centers to metered service for freeway lighting (pilot project).	2012	1	6	6	NHS	\$10,431	\$172,569	\$0	\$183,000	Amend: Add a new pilot project in FY 2012 for \$183,000.
DOT12-141	ADOT	74: Picacho Wash to Jct I-17	Design pavement preservation	2012	8.8	2	2	STP-AZ	\$17,955	\$297,045	\$0	\$315,000	Amend: Add a new design pavement preservation project in FY 2012 for \$315,000.
DOT12-142	ADOT	87: Hunt Highway to Riggs Rd	Construct pavement preservation	2012	1.14	4	4	STP-AZ	\$39,900	\$660,100	\$0	\$700,000	Amend: Add a pavement preservation construction project in FY 2012 for \$700,000.
MES13-902	Mesa	West Side Real Time Adaptive Project (initial deployment in Fiesta district), West city limits to Country Club drive, Broadway to Baseline	Upgrade central traffic control system software to accommodate a lite version of adaptive control	2013	12	4	4	CMAQ	\$150,000	\$318,182	\$0	\$468,182	Amend TIP: Update the location description to better specify the initial deployment area. (Per CIP FY 11-16, page 140 ITS 022)
MES13-906	Mesa	Bluetooth sensor deployment at approximately 80 intersections to determine travel times along key Mesa E-W and N-S corridors	Construction	2013	40	4	4	CMAQ	\$200,750	\$381,818	\$0	\$582,568	Amend TIP: Update the location description, better specify technology, cost increase. Per CIP FY 11-16, page 132 ITS 023
PHX12-104	PHOENIX	Various Locations	Pontic/Virtis Software for bridge inspections	2012				Bridge	\$5,299	\$87,663	\$0	\$92,962	Change local and fed Cost, and funding source. Total project decreased by \$1,018. Federal funding of \$87,663 utilized from Statewide funds.

HIGHWAY													
TIP #	Agency	Project Location	Project Description	Fiscal Year	Length miles	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
PHX12-105	PHOENIX	Various Locations	Equipment rental for bridge inspections	2012				Bridge	\$11,030	\$182,471	\$0	\$193,500	Change local and fed Cost, and funding source. Total project increased by \$49,759. Federal funding of \$182,471 utilized from Statewide funds.
SCT13-102	Scottsdale	Hayden Rd/Thomas Rd	Design Intersection improvement	2012	0.5	N/A	N/A	HSIP	\$8,550	\$141,450	\$0	\$150,000	Increase project cost \$2,222 local, \$36,747 Fed, total work phase cost increase \$38,969. The additional cost increase available from HSIP (statewide) funds. Work phase was originally programmed under award budget.
SCT12-102	Scottsdale	Hayden Rd/Thomas Rd	Construct Intersection improvement	2014	0.5	N/A	N/A	HSIP	\$74,990	\$1,240,631	\$0	\$1,315,621	Increase project cost \$11,702 local, \$193,600 Fed, total work phase cost increase \$205,302. The additional cost increase available from HSIP (statewide) funds. Work phase was originally programmed under award budget.
<del>MAG12-803</del>	<del>MAG</del>	<del>Regionwide</del>	<del>Regionwide bicycle safety education program</del>	<del>2012</del>	<del>----</del>	<del>----</del>	<del>----</del>	<del>CMAQ</del>	<del>\$73,000</del>	<del>\$165,000</del>	<del>\$0</del>	<del>\$238,000</del>	<del>Amend: Delete project form TIP; project is to be funded with PL funds in the UPWP.</del>

**Table D. Material Changes To the Regional Freeway Program and to the Fiscal Year 2011-2015 MAG Transportation Improvement Program**

4/26/2012

HIGHWAY													Requested Change
TIP #	Agency	Project Location	Project Description	Fiscal Year	Length miles	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	
DOT12-103	ADOT	10: Wintersburg Rd and Sun Valley Parkway	Pavement Preservation	2012	0.5	4	4	IM	\$119,700	\$1,980,300	\$0	\$2,100,000	Amend: Increase total project budget by \$1,669,000 (\$95,133 Local, \$1,573,867 Federal). Change name to Wintersburg Rd. TI and Sun Valley Parkway TI, from Sun Valley Parkway TI. This project will include milling and replacing pavement on ramps and cross roads with AC. The project originally included only the Sun Valley Parkway TI and is being expanded to also include the Wintersburg TI, which is also in need of pavement work. Funds for this project will be provided by ADOT statewide subprograms, which will not affect RTP cash flow.
DOT12-131	ADOT	51: Glendale Ave to SR101L (Pima)	Construct FMS	2012	9	8	8	CMAQ/STP-AZ	\$177,270	\$2,932,730	\$0	\$3,110,000	Amend: Increase total project budget by \$1,110,000 (Federal: CMAQ remains unchanged, increase to add STP-AZ \$1,046,730, and \$63,270 local). The cost increase is due to extending the original FMS project limits from "Bell Rd - SR101L" to "Glendale Ave - SR101L", in order to address additional FMS functions. The work between Glendale Ave. and Bell Rd. includes: (1) install ramp meters, (2) replace acoustic detectors with loop detectors, and (3) upgrade FMS in the corridor from analog to digital. Work between Bell Rd. and SR 101 on SR 51 involves installing ramp meters, CCTV cameras, loops, and DMS signs. Funding for the cost increase will be provided by ADOT statewide program contingency funds, which will not affect RTP cash flow.
DOT10-6C29	ADOT	60 (Grand Ave): 71st Ave to McDowell Rd, Phase 1	Roadway improvements and Pavement Preservation	2012	10	6	6	NHS	\$0	\$18,199,900	\$1,100,100	\$19,300,000	Amend: Increase total project budget by \$3,900,000 (\$222,300 Local, \$3,677,700 Federal) from \$15,400,000 to \$19,300,000. The cost increase is due to the addition of pavement preservation work to the scope of the project. It is more efficient to combine the pavement preservation work with this project than to develop a separate pavement preservation project. Funds for this project will be provided by ADOT district minor project funds, which will not affect RTP cash flow.
DOT12-106	ADOT	87: Jct SR202L to Gilbert Rd	Pavement Preservation	2012	5.2	6	6	NHS	\$199,500	\$3,300,500	\$0	\$3,500,000	Amend: Increase total project budget by \$1,400,000 (\$79,800 Local, \$1,320,200 Fed). The cost increase is due to a scope change from the original milling & replacing 1/2" friction course (only), to include milling & replacing 2" existing pavement, plus the 1/2" friction course. The additional milling & replacing are necessary because underlying cracks and rutting would propagate through a newly placed friction course and significantly shorten the life of the pavement preservation project. Funds for this project will be provided by ADOT statewide subprograms, which will not affect RTP cash flow.