

## **MARICOPA ASSOCIATION OF GOVERNMENTS**

### **INFORMATION SUMMARY... for your review and action**

**DATE:**

March 26, 2012

**SUBJECT:**

Project Changes – Amendments and Administrative Modifications to the FY 2011-2015 MAG Transportation Improvement Program, and the FY 2011 Arterial Life Cycle Program

**SUMMARY:**

The Fiscal Year (FY) 2011-2015 Transportation Improvement Program (TIP) and Regional Transportation Plan 2010 Update were approved by the MAG Regional Council on July 28, 2010 and have been modified 13 times with the last amendment pending approval by the Regional Council on March 28, 2012. Since then, there have been requests from Arizona Department of Transportation (ADOT), City of Mesa, and Maricopa County to modify projects in the program.

The attachment listings in Table A (modifications to the TIP) and Table B (non-TIP) are for the Northern Parkway project included in the FY 2012 Arterial Life Cycle Program (ALCP). All changes to Northern Parkway relate to an updated cost and work schedule. *The fiscal balance for funds programmed for this project per year are maintained.* These adjustments are necessary for the project to move forward.

Table C in the attachment are project change requests from ADOT, Mesa, and Phoenix contain clerical and minor adjustments to financial information on several projects, one project deletion, one project split, one new design project, and two pavement preservation projects.

Table D in the attachment are project change requests from ADOT that meet the MAG Regional Freeway Program definition of Material Cost Changes. The Material Change Policy is attached for your reference.

All of the projects to be added and modified may be categorized as exempt from conformity determinations and administrative modifications do not require a conformity determination.

**PUBLIC INPUT:**

None.

**PROS & CONS:**

PROS: Approval of this TIP amendment and administrative modification will allow the projects to proceed in a timely manner.

CONS: None.

**TECHNICAL & POLICY IMPLICATIONS:**

TECHNICAL: Projects that wish to utilize transportation federal funds need to be shown in the TIP in the year that they expect to commence and may need to undergo an air quality conformity analysis or consultation.

POLICY: This amendment and administrative modification request is in accord with MAG guidelines.

**PRIOR ACTIONS:**

None

**ACTION NEEDED:**

For information, discussion, and recommendation to approve amendments and administrative modifications to the FY 2011-2015 MAG Transportation Improvement Program, the FY 2012 Arterial Life Cycle Program and to the Regional Transportation Plan 2010 Update, as appropriate

**CONTACT PERSON:**

Teri Kennedy, Transportation Improvement Program Manager, (602) 254-6300.

**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	MMA12-106RZ	Northern Parkway: Sarival to Dysart	Reimbursement for roadway widening	2	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.
Maricopa County	2012	2014	MMA12-106RZ2	Northern Parkway: Sarival to Dysart	Reimbursement for roadway widening	2	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.
Maricopa County	2012	2015	MMA12-106RZ3	Northern Parkway: Sarival to Dysart	Reimbursement for roadway widening	2	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.
Maricopa County	2013	2013	MMA13-106CLZ	Northern Parkway: Sarival to Dysart	Construct and landscape roadway widening	2	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.
Maricopa County	2014	2014	MMA14-106CLZ	Northern Parkway: Sarival to Dysart	Construct and landscape roadway widening	2	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.
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.
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.

**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	MMA14-113RZ	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 to the TIP. 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	\$10,180,740	Amend. Add new line item in the TIP. Increased total work phase cost. Received reallocated ALCP funds.
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	\$ -	\$ -	\$10,180,740	STP-MAG	\$10,180,740	Amend ALCP. Received reallocated ALCP funds.
Maricopa County	2012	2016	MMA14-111DZ	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.
Maricopa County	2015	2016	MMA15-111CZ	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.
Maricopa County	2012	2016	MMA12-925	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.
Maricopa County	2013	2016	MMA13-008CZ	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.
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.
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.
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.
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.
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.
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.
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.
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.
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	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.
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.

**TABLE B (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	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.
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	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.
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.
Maricopa County	2015	2016	MMA15-112CZ	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.
Maricopa County	2015	2017	MMA15-112CZ2	Northern Parkway: Northern Avenue at Loop 101	Construct roadway widening and overpass	0.5	4	6	HURF	\$ -	\$ -	\$ 5,549,846	\$ 5,549,846	STP-MAG	\$ 3,884,892	Amend. Delete line item from the TIP. Worked deferred from FFY2015.
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	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.
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	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.
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. Add new project to the TIP. 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	\$16,310,508	\$ -	\$ 6,990,218	\$23,300,726	STP-MAG	\$16,310,508	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	<del>2018</del>	<del>2020</del>	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	<del>2019</del>	<del>2020</del>	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	<del>2020</del>	<del>2020</del>	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 construction	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 construction	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 construction	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**

3/26/2012

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	40 - Perryville Rd TI	Design traffic interchange	2012	0.2	TI	TI	RARF	\$0	\$0	<del>\$1,300,000</del>	<del>\$1,300,000</del>	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.
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.

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

3/26/2012

HIGHWAY			Project Description	Fiscal Year	Length miles	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Requested Change
TIP #	Agency	Project Location											
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.

## **Material Change Policy for the MAG Regional Freeway Program**

The 1991 Performance Audit for the MAG Regional Freeway Program recommended that:

Any significant program changes which have major priority or fiscal implications need to be resolved through the involvement of the MAG Regional Council. This body of elected officials can and should provide a valuable forum for assessing and guiding decisions regarding the scope, timing, and financing of the MAG Program at the program and corridor levels. (Recommendation 4.47 of the 1991 Performance Audit of the MAG Freeway Program.)

Since the 1991 Audit, MAG has processed all changes to budgets, project scope, or schedules requested by the Arizona Department of Transportation (ADOT) through the MAG Regional Council for approval. With seven years of project history and with the recommendation of the 1997 Performance Audit, MAG and ADOT are proposing to limit the requested changes that are processed through the Regional Council to those that are material. Under this proposal, all changes will be provided to MAG, however, only the changes that meet definition of “material change” will be forwarded to the Regional Council for action. Requested changes, including those that are below the material change threshold, will be provided to the MAG Transportation Review Committee (TRC) for information. If a requested change must be expedited to meet ADOT’s project schedule, a material change may go to the Management Committee and Regional Council without going to the TRC first.

### **Definition of Material Change**

- A. Material Cost Change:** An increase in the cost of a project that is more than five (5) percent of the adopted project budget, but not less than \$500,000 or any increase greater than \$2.5 million.
  
- B. Material Scope Change:** A change in a project scope that results in a material cost change and all scope changes that modify project limits by a mile or more, a horizontal alignment change outside of the adopted corridor limits that requires an updated environmental assessment, a vertical alignment or cross-section profile modification that causes the profile classification to change from depressed, at grade or elevated, changes to an interchange location of a 1/4 mile or more, adds design elements (including additional lanes), or adds a new project to the program. Any scope change that causes a material cost change to occur must be approved by the Regional Council.

If the material scope change is requested by a local jurisdiction and meets the definition of an enhancement, then the local jurisdiction must also provide the necessary funding to complete the enhancement. If the material scope change is requested by ADOT, the cost of the scope change, if approved, can be paid from Regional Freeway System funding with the concurrence of the Regional Council. (See A.R.S 28-6353)

According to A.R.S. 28-6351, enhancement means an addition that exceeds generally accepted engineering or design standards for the specific type of facility. ADOT should ensure that the design elements of each new segment meet generally accepted engineering or design standards adopted or accepted for general use by ADOT and are supported by traffic volumes and patterns, the need to serve major public facilities and the need to provide a balanced, multimodal transportation system for Maricopa County.

- C. Material Schedule Change:** A change in the approved schedule for the start of design, right of way, or construction that causes: (1) completion to be delayed by more than three months, or, (2) the completion of the construction phase of the segment to be delayed beyond the year shown on the latest Certified Regional Freeway System map. For the purposes of this policy, completion means that the segment is open to traffic.

### **Process to Review and Approve Changes**

- A. ADOT will forward all requested changes to MAG.
- B. MAG will review each requested change with respect to the definition of material change. Each material change will be reviewed for the impact on the budget, schedule and scope of the MAG Freeway Program.
- C. All of the requested changes, except expedited changes that must be forwarded directly to the Management Committee, will be presented to the TRC as information. Those changes that represent material changes will be highlighted.
- D. Material changes will be forwarded to the MAG Management Committee with a recommendation by MAG staff for approval or disapproval.
- E. The material change and the recommendation of the MAG Management Committee will be forwarded to the MAG Regional Council for final action.
- F. MAG advises ADOT of approved changes.

Approved by the MAG Regional Council May 27, 1998