



September 1, 2016

Mr. Michael Kies, P.E.
Director, Multimodal Planning Division
Arizona Department of Transportation
206 South 17th Avenue, MD 310B
Phoenix, Arizona 85007

Dear Mr. Kies:

The Maricopa Association of Governments' (MAG) Fiscal Year (FY) 2017-2021 Transportation Improvement Program (TIP), approved by the MAG Regional Council on June 22, 2016, requires amendments included in Tables A and B that were approved by the MAG Regional Council on August 31, 2016 as agenda item 5B. As the Governor's designee, the Arizona Department of Transportation (ADOT), Multimodal Planning Division is responsible for approval of TIPs and TIP amendments in the State of Arizona. MAG requests your approval of the amendment and modification of the TIP, which is necessary to ensure the continuation of the projects involved. In addition to approval of the MAG TIP amendment and modification, we also request that Arizona Department of Transportation process the necessary amendment to the relevant Statewide Transportation Improvement Program (STIP) as soon as possible to meet the current federal fiscal year requirements.

The approved listings for the modification to the FY 2017-2021 MAG TIP and the amendment to the STIP are included in the attached tables. Additionally, projects that are dependant on FY2016 authorization that were identified after Regional Council mail out occurred are included in Table C and have prior approval as noted in the August Regional Council, agenda action #5B. This will be the first request to amend the FY 2017-2021 TIP. 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 has concluded and the report will follow.

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

Sincerely,



Dennis Smith
Executive Director

cc: Ed Stillings, FHWA
Dominique Paukowits, FTA
Dallas Hammit, ADOT
Bret Anderson, ADOT

Denise Scafide, ADOT
Patrick Stone, ADOT
Eric Boyles, ADOT

Table A. ALCP Project Changes to the Fiscal Year 2017-2021 MAG Transportation Improvement Program and the FY 2017 Arterial Life Cycle Program¹

ALCP - IN TIP			Project Description	Fiscal Year	Est. Date Open	Length (miles)	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Reimb. Fiscal Year	Fund Type	Regional Reimb.	TRACS	Notes:	RTP ID
TIP #	Agency	Project Location																	
CHN17-114DRB	Chandler	Ocotillo Rd: Gilbert Rd to 148th Street	Design Roadway Widening	2016	Jun-25	2.0	2	4	STP-MAG	49,590	820,410	-	870,000	2016	STP-MAG	820,410	:	Admin: Project obligated in SFY 2017 but FFY2016. Revised work year to reflect FFY obligation. Project obligated early to ensure all of MAG's FFY2016 OA was used. TIP ID has been corrected since Management Committee.	ACI-OCT-10-03
CHN14-102DZ	Chandler	Chandler Heights Road: McQueen Road to Gilbert Rd	Design Roadway Widening	2016	Jun-22	3.0	2	4	STP-MAG	104,048	1,721,360	-	1,825,408	2016	STP-MAG	1,721,360	:	Amend: Project design phase currently programmed in 2017. Project may need to advance to FFY 2016 to ensure all of MAG's OA is used; ADOT LPA has indicated the TIP would need to show a 2016 work year not a 2017 work year. Amendment reflects a pre-emptive advancement to 2016. If additional OA is not returned to MAG's ledger prior to October 1 and project does not need to obligate, a new TIP amendment will be issued pushing the project back to FFY 2017.	ACI-PRC-10-03-B
CHN14-102DZ	Chandler	Ocotillo Road: Arizona Avenue to McQueen Road	Design roadway widening	2014	Jun-15	1.0	2	4	Local	834,221	-	-	834,221	--	--	--	:	Amend: Increase local project design phase costs to match actuals. No impact to regional funding.	ACI-PRC-10-03-D
ELM12-101DZ	El Mirage	El Mirage Rd: Cactus to Grand & Thunderbird Rd: 127th Avenue to Grand	Design roadway widening	2012	---	---	---	---	Local	115,853	-	-	115,853	--	--	--	:	Amend: Adjust local project design phase costs to match actuals. No impact to regional funding.	ACI-ELM-20-03-C
ELM12-101DZ2	El Mirage	El Mirage Rd: Cactus to Grand & Thunderbird Rd: 127th Avenue to Grand	Design roadway widening	2013	---	---	---	---	Local	442,539	-	-	442,539	--	--	--	:	Amend: Adjust local project design phase costs to match actuals. No impact to regional funding.	ACI-ELM-20-03-C
ELM14-101DZ	El Mirage	El Mirage Rd: Cactus to Grand & Thunderbird Rd: 127th Avenue to Grand	Design roadway widening	2014	---	---	---	---	Local	660,100	-	-	660,100	--	--	--	:	Amend: Adjust local project design phase costs to match actuals. No impact to regional funding.	ACI-ELM-20-03-C
ELM15-101DZ	El Mirage	El Mirage Rd: Cactus to Grand & Thunderbird Rd: 127th Avenue to Grand	Design roadway widening	2015	---	---	---	---	Local	276,772	-	-	276,772	--	--	--	:	Amend: Adjust local project design phase costs to match actuals. No impact to regional funding.	ACI-ELM-20-03-C
ELM16-101DZ	El Mirage	El Mirage Rd: Cactus to Grand & Thunderbird Rd: 127th Avenue to Grand	Design roadway widening						Local	92,602	-	-	92,602	--	--	--	:	Amend: New TIP listing. Adjust local project design phase costs to match actuals. No impact to regional funding.	ACI-ELM-20-03-C

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8/19/2016

ALCP - IN TIP			Project Description	Fiscal Year	Est. Date Open	Length (miles)	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Reimb. Fiscal Year	Fund Type	Regional Reimb.	TRACS	Notes:	RTP ID
TIP #	Agency	Project Location																	
GLB13-107RWZ	Gilbert	Guadalupe Rd at Cooper Rd	Acquisition of right-of-way for intersection improvement	2013	Dec-17	0.5	4	6	Local	200,000			200,000	-	-	-	1	Amend: Delete listing. Adjust local project right-of-way phase costs to match actuals. No impact to regional funding.	All-GUD-30-03
GLB14-107RWZ	Gilbert	Guadalupe Rd at Cooper Rd	Acquisition of right-of-way for intersection improvement	2014	Dec-17	0.5	4	6	Local	50,280	-		50,280	--	--	--	1	Amend: New TIP listing. Adjust local project right-of-way phase costs to match actuals. No impact to regional funding.	All-GUD-30-03
GLB15-107RWZ	Gilbert	Guadalupe Rd at Cooper Rd	Acquisition of right-of-way for intersection improvement	2015	Dec-17	0.5	4	6	Local	892,496	-		892,496	--	--	--	1	Amend: New TIP listing. Adjust local project right-of-way phase costs to match actuals. No impact to regional funding.	All-GUD-30-03
GLB17-107CRB	Gilbert	Guadalupe Rd at Cooper Rd	Construct intersection improvement	2017	Dec-17	0.5	4	6	RARF	(3,456,550)	-	3,456,550	-	2017	RARF	3,456,550	1	Amend: Correct error. No reimbursements issued in FY16; correct FY 2017 reimbursement. No adverse impact to regional funding.	All-GUD-30-03
MMA11-107CZ	Maricopa County	El Mirage Rd: Bell Rd to Deer Valley Drive	Construct roadway widening	2011	Oct-10	3.0	2	4	Local	7,377,418	-	-	7,377,418	--	--	--	1	Amend: Adjust local project construction phase costs to match actuals. No impact to regional funding.	ACI-ELM-10-03-A
MMA16-103DZ	Maricopa County	Gilbert Road Bridge over the Salt River	Design Bridge and new Roadway	2016	Jun-21	1.6	4	4	Local	2,000,000	-	-	2,000,000	--	--	--	1	Amend: New TIP listing. Federal funding deobligated. Project ineligible for federal funding.	ACI-GIL-20-03
MMA17-103DRB	Maricopa County	Gilbert Road Bridge over the Salt River	Design Bridge and new Roadway	2017	Jun-21	1.6	4	4	RARF	(1,400,000)	-	1,400,000	-	2017	RARF	1,400,000	1	Amend: New TIP listing. Federal funding deobligated. Convert reimbursement to RARF. Project ineligible for federal funding.	ACI-GIL-20-03
MMA15-103DZ	Maricopa County	Gilbert Road Bridge over the Salt River	Design roadway widening	2015	Jun-21	1.6	4	4	STP-MAG	600,000	1,400,000	2,000,000	2,000,000	2015	STP-MAG	1,400,000	55879 03D	Amend: Delete TIP listing. Deobligate federal funding and convert to RARF. Project ineligible for federal funding.	ACI-GIL-20-03
MMA17-121DZ	Maricopa County	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Design roadway widening	2017	Jun-20	2.0	4	4	Local	795,334	-	-	795,334	--	--	--	1	Amend: Project ineligible for federal funding. Switch to RARF. Create separate listings for work and reimbursement.	ACI-MCK-40-03
MMA17-121DRB	Maricopa County	McKellips Rd: Loop 101 (Pima Fwy) to SRP-MIC/Alma School Rd	Design Roadway Widening and Improvements	2017	Jun-20	2.0	4	4	RARF	(750,000)	-	750,000	-	2017	RARF	750,000	1	Amend: New TIP listing. Project ineligible for federal funding. Switch to RARF. Create separate listings for work and reimbursement.	ACI-MCK-40-03
MES25-133CRB	Mesa	Ray Road: Signal Butte to Meridian Rd	Construct Roadway	2017	Jun-15	1.0	0	4	RARF	(103,401)	-	103,401	-	2017	RARF	103,401	1	Amend: Project substantially complete. Transfer project reimbursement savings of \$497,375.77 to ACI-MES-10-03-A. Financial change only. No adverse impact to Regional funding.	ACI-RAY-20-03-C

Maricopa Association of Governments

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TIP #	Agency	Project Location	Project Description	Fiscal Year	Est. Date Open	Length (miles)	Lanes Before	Lanes After	Fund Type	Local Cost	Federal Cost	Regional Cost	Total Cost	Reimb. Fiscal Year	Fund Type	Regional Reimb.	TRACS			
MES27-125CRB	Mesa	Mesa Dr: US-60 (Superstition Fwy) to Southern	Construct Roadway Widening	2017	Jun-14	1.0	4	6	RARF	(497,376)	-	497,376	-	2017	RARF	497,376			Amend: New TIP listing. Transfer project reimbursement savings from ACI-RAY-20-03-C; project is substantially complete. Financial change only. No adverse impact to Regional funding.	ACI-MES-10-03-A

1. Rows in the report are sorted in order by the following columns: Agency, RTP ID, Project Description, Fiscal Year, and Fund Type. Changes are in red font. Deletions are show in strike through font. Yellow highlight represents changes made since Management Committee.

**TABLE B: Requested amendments and administrative modifications to the
FY 2017-2021 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan¹, TIP AMENDMENT #1**

Sort: Section, Agency, Location, Work Year

TIP Amendment #1																		Reviewed By ²					
Agency	Section	Work Year ⁴	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/ALI	In Life Cycle Program	TRACS/Grant ID	MAG Mode	Funding	Apport. Year ³	Federal	Regional	Local	Total	TIP Change Request	T R C	M C	R C
ADOT	Highway	2017	DOT15-411D2	25488	10 (Papago): Dysart Rd - Black Canyon Hwy	Design pavement preservation	13	10	10	----	5-year	----	Freeway	NHPP	2017	255,553	-	15,447	271,000	Amendment: Add additional workphase with \$271,000 to project (FY 2017 funds).	✓	✓	
ADOT	Highway	2015	DOT15-422	16391	17: Cactus Rd, Thunderbird Rd and Greenway Rd	Design Pump Station Rehabilitation	0.3	8	8	----	5-year	----	Freeway	NHPP	2015	204,631	-	12,369	217,000	For information only.			✓
ADOT	Highway	2017	DOT15-422D2	16391	17: Cactus Rd, Thunderbird Rd and Greenway Rd	Design Pump Station Rehabilitation	0.3	8	8	----	5-year	----	Freeway	NHPP	2017	66,953	-	4,047	71,000	Amendment: Add additional workphase. Increase project cost by \$71,000 (FY 2017 funds).			✓
ADOT	Highway	2017	DOT17-709	46948	202 (South Mountain): I-10 Maricopa (MP 54) to I-10 Papago (MP 76) (Design-Build-Maintain)	Reimbursement to City of Phoenix (two positions in Phoenix to coordinate activities related to the South Mountain Freeway)	22	0	8	----	RFHP	----	Freeway	RARF-HURF	2017	-	350,000	-	350,000	Amendment: Add a new administrative project in FY 2017 for \$350,000. Funding moved from DOT16-419.	✓	✓	
ADOT	Highway	2017	DOT16-470	5872	Alma School Rd @ UPRR 741-650B, Mesa, AZ	ROW Acquisition and Railroad/Mesa Construction	0.1	6	6	----	5-year	SR231	Safety	STP-RGC	2017	941,000	-	17,000	958,000	Amend: Increase funding by \$160,633 and defer to Federal Fiscal Year 2017	✓	✓	✓
ADOT	Highway	2016	DOT16-419	49223	MAG regionwide	Preliminary Engineering (Management Consultants, 30% Plans Design)	0	0	0	----	RFHP	----	Freeway	RARF-HURF	2016	-	2,650,000	-	2,650,000	Amendment: Decrease project cost by \$350,000.	✓	✓	
ADOT	Highway	2017	DOT17-710	4921	MAG regionwide	Construct permanent restoration of landscaping	23.5	0	0	----	5-year	----	Freeway	NHPP	2017	1,660,600	-	239,400	1,900,000	Amendment: Add a new landscape restoration construction project in FY 2017 for \$4,200,000. ER funds: \$2,300,000, NHPP funds: \$1,660,600.	✓	✓	
ADOT	Highway	2017	DOT17-710C2	4921	MAG regionwide	Construct permanent restoration of landscaping	23.5	0	0	----	5-year	----	Freeway	Emergency Relief	2017	2,300,000	-	-	2,300,000	Amendment: Add a new landscape restoration construction project in FY 2017 for \$4,200,000. ER funds: \$2,300,000, NHPP funds: \$1,660,600.	✓	✓	
Chandler	Highway	2017	CHN16-401	13058	Citywide	Signal Equipment Upgrades: Flashing Yellow	0	0	0	CHN-0(238)D	None	T0016	ITS	CMAQ	2016	633,281	-	110,882	744,163	Amend: Work will commence in FY 2017, project authorized in FY 2016. Project cost increased by \$72,603 local and total funding.	✓	✓	✓
Chandler	Highway	2017	CHN16-404	36735	Various Locations on Ray, Frye, Price and connection from Frye to Cooper	Construct portions of three different bike lanes on Ray Rd, Frye Rd, Price Rd and related improvements. Add multi-use path to connect Frye Rd. bike route to Cooper Rd.	0	0	0	CHN-0(231)D	None	SZ154	Bike/Ped	TAP-MAG	2016	231,290	-	137,691	368,981	Amend: Work will commence in FY 2017, project authorized in FY 2016. Project cost increased by \$108,711 local and total funding.	✓	✓	✓

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Agency	Section	Work Year ⁴	TIP ID	MAG ID	Location	Work	Miles	Lanes	Before	After	Federal	In Life Cycle	TRACS/	MAG	Funding	Apport.	Federal	Regional	Local	Total	TIP Change Request	T	M	R
											ID/ALI	Program	Grant ID	Mode		Year ³						R	C	C
MAG	Highway	2017	MAG17-7PIP	10280	MAG regionwide	Project Initiation Pool for MAG funded CMAQ, STP, TAP, HSIP, and STP projects.	0	0	0		----	Other	----	Other	STP-MAG	2017	158,424	-	9,576	168,000	Amend: Add Project Initiation Pool funding based on 56 @ \$3,000 each, eligible projects. Projects must be authorized by January 2, 2017 to be eligible.			✓
MAG	Highway	2018	MAG18-7PIP	10280	MAG regionwide	Project Initiation Pool for MAG funded CMAQ, STP, TAP, HSIP, and STP projects.	0	0	0		----	Other	----	Other	STP-MAG	2018	130,134	-	7,866	138,000	Amend: Add Project Initiation Pool funding based on 46 @ \$3,000 each, eligible projects. Projects must be authorized by January 2, 2018 to be eligible.			✓
ADOT	Transit	2017	PNP17-729T	2641	Various (Regionwide)	PPEP, Inc.: Procure: 1 Maxivan no Lift (expansion) (Avondale)	0	0	0	11.13.04	5-year	----	Transit Other	5310-AZ	2016	25,290	-	2,810	28,100	Amend: Add new ADOT-awarded 5310 funded workphase.	✓	✓	✓	
MAG	Transit	2016	MAG16-480	5339	Regionwide	FHWA Funding: Flex to Transit. Annual Amount Placeholder. See Program of Projects for Detail when developed.	0	0	0		----	Other	----	Transit Other	CMAQ	2016	16,731,837	2,862,861	-	19,594,698	Admin: Federal projections were updated May 25, 2016 with FAST Act Actuals. TIP change was omitted during update. Flex transfer included displayed values. Actuals are a \$379,371 increase of federal funding.			✓
MAG	Transit	2017	MAG17-781T	25878	Various (Regionwide)	\$5310. Estimated Annual Full Apportionment Placeholder. Detail will conclude after annual or multiyear programming for Capital, Mobility Management, administration.	0	0	0		----	None	----	Transit Other	5310-MAG	2017	3,050,841	-	762,710	3,813,552	Admin: Reduce placeholder amounts to estimated available allocation amounts based on projections.	✓	✓	✓
MAG	Transit	2018	MAG18-781T	25878	Various (Regionwide)	\$5310. Estimated Annual Full Apportionment Placeholder. Detail will conclude after annual or multiyear programming for Capital, Mobility Management, administration.	0	0	0		----	None	----	Transit Other	5310-MAG	2018	3,114,909	-	778,727	3,893,636	Admin: Reduce placeholder amounts to estimated available allocation amounts based on projections.	✓	✓	✓
MAG	Transit	2019	MAG19-781T	25878	Various (Regionwide)	\$5310. Estimated Annual Full Apportionment Placeholder. Detail will conclude after annual or multiyear programming for Capital, Mobility Management, administration.	0	0	0		----	None	----	Transit Other	5310-MAG	2019	3,180,945	-	795,236	3,976,181	Admin: Reduce placeholder amounts to estimated available allocation amounts based on projections.	✓	✓	✓

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Agency	Section	Work Year ⁴	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/ALI	In Life Cycle Program	TRACS/Grant ID	MAG Mode	Funding	Apport. Year ³	Federal	Regional	Local	Total	TIP Change Request	T R C	M C	R C
MAG	Transit	2020	MAG20-781T	25878	Various (Regionwide)	\$5310. Estimated Annual Full Apportionment Placeholder. Detail will conclude after annual or multiyear programming for Capital, Mobility Management, administration.	0	0	0	-----	None	-----	Transit Other	5310-MAG	2020	3,248,381	-	812,095	4,060,477	Admin: Reduce placeholder amounts to estimated available allocation amounts based on projections.	✓	✓	✓
MAG	Transit	2021	MAG21-781T	25878	Various (Regionwide)	\$5310. Estimated Annual Full Apportionment Placeholder. Detail will conclude after annual or multiyear programming for Capital, Mobility Management, administration.	0	0	0	-----	None	-----	Transit Other	5310-MAG	2021	3,305,228	-	826,307	4,131,535	Admin: Reduce placeholder amounts to estimated available allocation amounts based on projections.	✓	✓	✓
Valley Metro Rail	Transit	2018	VMR14-104T	49041	I-10 WEST Phoenix	Fixed guideway corridor - Phx West - Preliminary Engineering/FEIS (2012 CMAQ)	0	0	0	13.71.01	TLCP	-----	Transit Rail	CMAQ-Flex	2012	821,250	49,641	-	870,891	Amend: Update costs based on current cost estimates. Decrease federal funding by \$205,313, decrease regional funding by 155,672, decrease total cost by 360,985.	✓	✓	✓
Valley Metro/RPTA	Transit	2017	VMR13-120T	41132	Regionwide	Purchase bus: articulated - 2 replacement (Tempe)	0	0	0	-----	TLCP	AZ-54-0001	Transit Bus	5337-FGM	2013	1,467,452	258,962	-	1,726,414	Amend: Add project back into TIP.	✓	✓	✓

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 2. The following are used to indicate MAG Committees reviewing these TIP listings for amendment: TRC = Transportation Committee, MC = Management Committee, TPC = Transportation Review Committee, RC = Regional Council
 3. The year the federal funds (if any) were apportioned by Congress. This item is included only for informational purposes.
 4. For federal projects this is the year the project will authorize. For transit this is the year the project will appear in a grant.
 5. Changes are in red font. Deletions are shown in strike through font.

**TABLE C: Requested amendments and administrative modifications to the
FY 2017-2021 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan¹, TIP AMENDMENT #1**

Sort: Section, Agency, Location, Work Year

TIP Amendment #1																				
Agency	Section	Work Year ¹	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/ALI	In Life Cycle Program	TRACS/Grant ID	MAG Mode	Funding	Apport. Year ³	Federal	Regional	Local	Total	TIP Change Request
ADOT	Highway	2016	DOT16-469	64	35th Avenue and Indian School Rd. at BNSF crossings (025-425K & 025-424D)	Civil work and traffic signal improvements by City of Phoenix	0	0	0	-----	5-year	-----	Safety	STP-RGC	2016	237,000	-	-	237,000	Amend: Increase funding by \$85,000. Amendment required for project authorization in Federal Fiscal Year 2016.
Maricopa (City)	Highway	2016	MAR16-470	48528	Maricopa (Citywide)	Preliminary Engineering/Design/Procurement/ Installation for Sign Management System and Sign Upgrade (Phase II)	0	0	0	MAR-0(204)T	Other	SH64101C	Safety	HSIP-MAG	2016	241,800	-	-	241,800	Amend: Advance project from 2017 to 2016. Amendment required for project authorization in Federal Fiscal Year 2016.

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