



U.S. Department
of Transportation
**Federal Highway
Administration**

ARIZONA DIVISION

4000 North Central Avenue
Suite 1500
Phoenix, Arizona 85012-3500
(602) 379-3646
Fax: (602) 382-8998
<http://www.fhwa.dot.gov/azdiv/index.htm>

June 16, 2016

In Reply Refer To:
(TRAP 37 - STIP)
Arizona FY 2016-2019
Statewide Transportation Program (STIP)
Approval of Amendment No. 34

Mr. Michael Kies, Division Director
Multimodal Planning Division
Arizona Department of Transportation, (300B)
Phoenix, Arizona 85007

Dear Mr. Kies:

We have reviewed your June 2, 2016 request to amend the FY 2016-2019 Statewide Transportation Improvement Program (STIP) to include the enclosed list of projects approved by the Maricopa Association of Governments Regional Council on May 25, 2016.

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]. The most recent conformity determination which was made on April 27, 2016 remains in effect.

This letter constitutes approval and inclusion of Amendment 34 into the Arizona FY 2016-2019 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

ec: mkies@azdot.gov; dominique.paukowits@dot.gov (FTA)
ec: lpounds@azdot.gov, pstone@azdot.gov, banderson@azdot.gov, EStillings, RTruely, AHansen, TDeitering, RYedlin, TWilson, EChan, ALirange, KLaRosa, LPatton, JBrown

ESS:cdm

JUN 10 2016

Doug A. Ducey, Governor
John S. Halikowski, Director
Michael Kies, Division Director

June 2, 2016

Ms. Karla S. Petty
Division Administrator
Federal Highway Administration
4000 North Central Avenue Suite1500
Phoenix, Arizona 85012-1906

RE: FY 2016 - 2020 State Transportation Improvement Program (STIP), Amendment Number 34

Dear Ms. Petty:

As the Governor's designee, I approve the Transportation Improvement Program (TIP) Amendment Number 20 requested by the Maricopa Association of Governments (MAG) as approved by their Regional Council on May 25, 2016. I cordially request Amendment Number 34 of the FY 2016 - 2020 State Transportation Improvement Program (STIP) to reflect the changes.

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). The changes made to the program, by these amendments as shown in Tables A, B and C, are either exempt or are regarded as minor project revisions that do not require conformity determination [40 CFR §93.126]. The funding for these projects in this amendment will not adversely impact the STIP Financial Plan.

Your prompt approval of this request will be greatly appreciated.

Sincerely,



Michael Kies, PE

Multimodal Planning Division

cc: Ed Stillings, FHWA
Teri Kennedy, MAG
Patrick Stone, ADOTKwisung Kang, ADOT
Bret Anderson, ADOT
Eric Boyles, ADOT

Enclosures (1)

Maricopa Association of Governments

Table A. ALCP Project Changes to the Fiscal Year 2014-2018 MAG Transportation Improvement Program and the FY 2016 Arterial Life Cycle Program¹

ALCP - IN TIP																		4/20/2016	
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	Notes:	RTP ID
ELM20-102RRB	El Mirage	Thunderbird Rd: El Mirage Road to Grand Avenue	Acquisition of right-of-way for roadway widening	2016	Dec-16	0.5	4	4	RARF	(1,156,950)	-	1,156,950	-	2016	RARF	1,156,950		Amend: Increase 2016 project right-of-way phase reimbursement from ACI-ELM-20-03-F ROW phase.	ACI-ELM-20-03-E
ELM16-103RRB	El Mirage	El Mirage Rd: Peoria Avenue to Cactus Road	Acquisition of right-of-way for roadway widening	2016	Dec-16	1.0	2	4	RARF	(292,821)		292,821		2016	RARF	292,821		Amend: Decrease 2016 project ROW phase reimbursement to match actuals and transfer balance to ACI-ELM-20-03-E ROW phase.	ACI-ELM-20-03-F
ELM16-102RWZ	El Mirage	El Mirage Rd: Cactus Road to Grand Avenue	Acquisition of right-of-way for roadway widening	2016	Dec-16	1.5	4	4	Local	3,404,052			3,404,052	-	-	-		Amend: Delete TIP listing. No right-of-way needed.	ACI-ELM-30-03-A
ELM16-102RRB	El Mirage	El Mirage Rd: Cactus Road to Grand Avenue	Acquisition of right-of-way for roadway widening	2016	Dec-16	1.5	4	4	RARF	(625,000)		625,000		2016	RARF	625,000		Amend: Delete TIP listing. No right-of-way needed. Transfer reimbursement to construction phase.	ACI-ELM-30-03-A
ELM17-102RRB	El Mirage	El Mirage Rd: Cactus Road to Grand Avenue	Acquisition of right-of-way for roadway widening	2017	Dec-16	1.5	4	4	RARF	(625,000)		625,000		2017	RARF	625,000		Amend: Delete TIP listing. No right-of-way needed. Transfer reimbursement to construction phase.	ACI-ELM-30-03-A
ELM18-102RRB	El Mirage	El Mirage Rd: Cactus Road to Grand Avenue	Acquisition of right-of-way for roadway widening	2018	Dec-16	1.5	4	4	RARF	(1,132,837)		1,132,837		2018	RARF	1,132,837		Amend: Delete TIP listing. No right-of-way needed. Transfer reimbursement to construction phase.	ACI-ELM-30-03-A
ELM25-104CRB	El Mirage	El Mirage Rd: Cactus Road to Grand Avenue	Construct roadway widening	2016	Dec-16	1.5	4	4	RARF	(625,000)	-	625,000	-	2016	RARF	625,000		Amend: New TIP listing. Transfer right-of-way reimbursement to project construction phase.	ACI-ELM-30-03-A
ELM26-104CRB	El Mirage	El Mirage Rd: Cactus Road to Grand Avenue	Construct roadway widening	2017	Dec-16	1.5	4	4	RARF	(625,000)	-	625,000	-	2017	RARF	625,000		Amend: New TIP listing. Transfer right-of-way reimbursement to project construction phase.	ACI-ELM-30-03-A
ELM27-104CRB	El Mirage	El Mirage Rd: Cactus Road to Grand Avenue	Construct roadway widening	2018	Dec-16	1.5	4	4	RARF	(1,132,837)	-	1,132,837	-	2018	RARF	1,132,837		Amend: New TIP listing. Transfer right-of-way reimbursement to project construction phase.	ACI-ELM-30-03-A
PEO21-101RRB	Peoria	Lake Pleasant Pkwy: West Wing Parkway to Loop 303	Acquisition of right-of-way for roadway widening	2016	Sep-14	2.5	2	4	RARF	(928,331)	-	928,331	-	2016	RARF	928,331		Amend: New TIP listing. Advance project right-of-way phase from 2021 to 2016. FY 2016 RARF Closeout.	ACI-LKP-10-03-A
PEO25-101RRB	Peoria	Lake Pleasant Pkwy: West Wing Parkway to Loop 303	Acquisition of right-of-way for roadway widening	2016	Sep-14	2.5	2	4	RARF	(106,441)	-	106,441	-	2016	RARF	106,441		Amend: New TIP listing. Advance project right-of-way phase from 2025 to 2016. FY 2016 RARF closeout.	ACI-LKP-10-03-A
PEO25-101CRB	Peoria	Lake Pleasant Pkwy: West Wing Parkway to Loop 303	Construct roadway widening	2016	Sep-14	2.5	2	4	RARF	(6,520,156)	-	6,520,156	-	2016	RARF	6,520,156		Amend: New TIP listing. Advance project construction phase reimbursement from 2025 to 2016. FY 2016 RARF closeout.	ACI-LKP-10-03-A
PEO26-101CRB	Peoria	Lake Pleasant Pkwy: West Wing Parkway to Loop 303	Construct roadway widening	2016	Sep-14	2.5	2	4	RARF	(3,095,175)	-	3,095,175	-	2016	RARF	3,095,175		Amend: New TIP listing. Advance project construction phase reimbursement from 2026 to 2016. FY 2016 RARF closeout.	ACI-LKP-10-03-A
VMR19-102GTEZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	Guideway and Track Elements	2016	Dec-18	2.0	4	2	CMAQ	452,455	7,485,345	-	7,937,800	2016	CMAQ	7,485,345		Amend: Advance to FY 2016; ALCP Closeout.	ACI-LRF-10-03

41 changes

Maricopa Association of Governments

Table A. ALCP Project Changes to the Fiscal Year 2014-2018 MAG Transportation Improvement Program and the FY 2016 Arterial Life Cycle Program¹

ALCP - IN TIP																		4/20/2016	
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	Notes:	RTP ID
VMR18-102PFZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	Professional Services	2016	Dec-18	2.0	4	2	CMAQ	244,301	4,041,678	-	4,285,979	2016	CMAQ	4,041,678	I	Amend: Advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03
VMR19-102PFZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	Professional Services	2019	Dec-18	2.0	4	2	STP-MAG	232,211	3,841,678		4,073,889	2019	STP-MAG	3,841,678	I	Amend: Delete TIP listing and combine with VMR18-102PFZ. Advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03
VMR19-102RWZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	ROW, Land and Improvements	2016	Dec-18	2.0	4	2	CMAQ	12,090	200,000	-	212,090	2016	CMAQ	200,000	I	Amend: Advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03
VMR20-102RWZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	ROW, Land and Improvements	2020	Dec-18	2.0	4	2	STP-MAG	6,045	100,000		106,045	2016	STP-MAG	100,000	I	Amend: Combine with VMR19-102RWZ and advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03
VMR18-102SSCZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	Sitework and Special Conditions	2016	Dec-18	2.0	4	2	CMAQ	75,976	1,256,939	-	1,332,915	2016	CMAQ	1,256,939	I	Amend: Advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03
VMR21-102SSCZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	Sitework and Special Conditions	2016	Dec-18	2.0	4	2	CMAQ	31,192	516,038	-	547,230	2016	CMAQ	516,038	I	Amend: Advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03
VMR17-102SSCZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	Sitework and Special Conditions	2017	Dec-18	2.0	4	2	STP-MAG	235,294	3,892,674	-	4,127,968	2017	STP-MAG	3,892,674	I	Amend: Combine portion of expenses with VMR21-102SSCZ and advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03
VMR19-102SSCZ	Valley Metro Rail	Mesa Main Street: Mesa Dr to Gilbert Rd LRT	Sitework and Special Conditions	2019	Dec-18	2.0	4	2	CMAQ	16,763	277,326		294,089	2019	CMAQ	277,326	I	Amend: Combine with VMR18-102SSCZ and advance to FFY2016; ALCP Closeout.	ACI-LRT-10-03

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 shown in strike through font.

TABLE B: Requested amendments and administrative modifications to the
FY 2014-2018 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan¹, TIP AMENDMENT #20

Sort: Section, Agency, Location, Work Year

TIP Amendment #20																				Reviewed			
Agency	Section	Work Year	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/ALJ	In Life Cycle Program	TRACS/Grant ID	MAG Mode	Funding	Apport. Year	Federal	Regional	Local	Total	TIP Change Request	T	M	R
ADOT	Highway	2016	DOT17-419	9061	10 (Papago): SR85 - Verrado (WB)	Construct pavement preservation	8	4	4	---	5-year	---	Freeway	NHPP	2016	5,678,746	-	343,254	6,022,000	Amendment: Advance project from FY 2017 to FY 2016.			
ADOT	Highway	2017	DOT17-460	12318	202 (Santan): Ray Rd - Broadway Rd	Construct FMS	5.5	6	6	---	RFHP	---	Freeway	CMAQ	2017	5,865,460	-	354,540	6,220,000	Amend: Increase project cost by \$1,820,000. Funding moved from DOT17-461.			
ADOT	Highway	2016	DOT16-444	6263	60 (Grand Ave): Los Altos Dr - Kerkes St	Design pavement preservation	1.5	4	4	---	5-year	---	Freeway	NHPP	2016	330,050	-	19,950	350,000	Amendment: Add a pavement preservation design project in FY 2016 for \$350,000.			
ADOT	Highway	2016	DOT16-443	NEW	60 (Superstition): Kings Ranch Road (EB)	Design left turn bay extension	0.1	4	4	---	5-year	---	Freeway	NHPP	2016	122,590	-	7,410	130,000	Amendment: Add a new turn lane improvement design project in FY 2016 for \$130,000.			
ADOT	Highway	2016	DOT13-107D4	20301	88: Apache Junction - Tortilla Flat	Design Pavement Preservation	9	2	2	---	5-year	---	Freeway	NHPP	2016	198,030	-	11,970	210,000	Amend: Add new workphase with additional funding.			
ADOT	Highway	2017	DOT17-461	13227	MAG regionwide	Construct FMS Rehabilitation, Phase 2	0	0	0	---	RFHP	---	Freeway	CMAQ	2017	2,357,500	-	142,500	2,500,000	Amend: Decrease project cost by \$1,820,000. Funding moved to DOT17-460.			
Avondale	Highway	2017	AVN16-410	36676	Avondale (Citywide)	Procure and Install Sign Management System and Sign Upgrade	0	0	0	---	None	---	Safety	HSIP-MAG	2017	207,000	-	-	207,000	Amend: Defer project from 2016 to 2017 per ADOT request. Change MAG mode to Safety.			
Avondale	Highway	2018	AVN18-460	3633	Dysart Rd: Van Buren Rd to north of I-10	Install fiber backbone to connect two existing backbone runs on Dysart Rd fiber	0.5	6	6	---	None	---	ITS	CMAQ	2018	278,278	-	16,821	295,100	Amend: Reduce local match from \$158,321 to \$16,821.			
Buckeye	Highway	2017	BKY14-403	23392	Buckeye (Citywide)	Procure and Install Sign Management System and Sign Upgrade	0	0	0	---	None	---	Safety	HSIP-MAG	2017	167,400	-	-	167,400	Amend: Defer project from 2016 to 2017 per ADOT request.			
Goodyear	Highway	2017	GDY16-406	23554	Goodyear (Citywide)	Procure and Install Sign Management System and Sign Upgrade	0	0	0	GDY-0(208) T	None	SH607 01C/01 D/03D	Safety	HSIP-MAG	2017	75,000	-	-	75,000	Amend: Defer project from 2016 to 2017 per ADOT request.			
Maricopa (City)	Highway	2017	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	None	SH641 01C	Safety	HSIP-MAG	2017	241,800	-	-	241,800	Amend: Defer project from 2016 to 2017 per ADOT request.			

TABLE B: Requested amendments and administrative modifications to the
FY 2014-2018 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan¹, TIP AMENDMENT #20

Sort: Section, Agency, Location, Work Year

TIP Amendment #20																				Reviewed By			
Agency	Section	Work Year	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/ALI	In Life Cycle Program	TRANS/Grant ID	MAG Mode	Funding	Apport. Year	Federal	Regional	Local	Total	TIP Change Request	T	M	R
																					R	C	C
Paradise Valley	Highway	2016	PVY16-440	1084	Lincoln Drive: 680 feet west of Scottsdale Road to 32nd Street	Design 6' colored concrete sidewalk	2	4	4	---	None	---	Bike/Ped	Local	2016	-	-	290,000	290,000	Amend: Change funding to all local. No change in total cost.			
Paradise Valley	Highway	2016	PVY16-401	1070	Paradise Valley (Townwide)	Procure and Install Sign Management System and Sign Upgrade	0	0	0	PVY-0(203)T	None	SH633 01C/01D	Safety	HSIP-MAG	2016	190,234	-	-	190,234	No Amendment. Project does not need to be deferred.			
Peoria	Highway	2017	PEO16-401	42970	75th Ave, 2,500 ft north of Greenway to Paradise Ln; Paradise Ln, 75th Ave to 77th Ave	Traffic Signal Communications Deployment	0	0	0	PEO-0(222)T	None	SZ169 01C/01D	ITS	CMAQ	2017	206,772	-	12,499	219,271	Amend: Defer project from 2016 to 2017. This will exercise the one-time deferral option.			
Phoenix	Highway	2017	PHX17-447	7139	Area bounded by Peoria Avenue to the north, Mountain View Road to the south, 7th Avenue to the east and 15th Avenue to the west	Design sidewalk, curb and gutter, ADA ramps and lighting	0	0	0	---	None	---	Bike/Ped	Local	2017	-	-	291,750	291,750	Amend: Change work year to 2017. Change funding to all local. No change in total cost.			
Phoenix	Highway	2017	PHX18-414D	8183	Various locations in Phoenix	Design eighteen HAWK signals to be constructed in three phases	0	0	0	---	None	---	Bike/Ped	Local	2017	-	-	270,000	270,000	Amend: Change work year to 2017. Change funding to all local. No change in total cost.			
Scottsdale	Highway	2018	SCT12-102	39514	Hayden Rd/Thomas Rd	Construct Intersection Improvement	0.1	6	6	HSIP-SCT-0(217)D	5-year	SH531 01C	Safety	HSIP-AZ	2018	1,240,631	-	1,500,000	2,740,631	Amend: Defer project from 2016 to 2018 per ADOT request. Change MAG mode to Safety.			
Scottsdale	Highway	2018	SCT12-102C2	39514	Hayden Rd/Thomas Rd	Construct Intersection Improvement	0.1	6	6	---	None	---	Safety	HSIP-MAG	2018	324,440	-	19,611	344,051	Amend: Defer project from 2016 to 2018 per ADOT request. Change MAG mode to Safety.			
Surprise	Highway	2017	SUR17-402	21424	6' Sidewalk Reems Rd	Construct sidewalk	1	0	0	SUR-0(226)T	None	T0003 01C/01D	Bike/Ped	CMAQ	2017	199,900	---	12,025	210,925	Amend: Delete project.			
Valley Metro Rail	Transit	2018	VMR14-104T	43041	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	1,026,563	205,313	-	1,231,876	Amend: Add workphase back into TIP.			

Notes

1. Rows in the report are sorted in order by the following columns: Section, Agency, Year and TIP ID. Changes are in red font. Deletions are shown in strike through font.
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.