



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

ARIZONA DIVISION

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May 12, 2016

In Reply Refer To:  
(TRAP 37 - STIP)  
Arizona FY 2016-2019  
Statewide Transportation Program (STIP)  
Approval of Amendment No. 28

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

Dear Mr. Kies:

We have reviewed your April 28, 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 April 27, 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 28 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](mailto:mkies@azdot.gov); [dominique.paukowits@dot.gov](mailto:dominique.paukowits@dot.gov) (FTA)

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ESS:cdm



Multimodal Planning

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

April 28, 2016

MAY 3 - 2016

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

RE: FY 2016 - 2020 State Transportation Improvement Program (STIP), Amendment Number 28

Dear Ms. Petty:

As the Governor's designee, I approve the Transportation Improvement Program (TIP) Amendment Number 19 requested by the Maricopa Association of Governments (MAG) as approved by their Regional Council on April 27, 2016. I cordially request Amendment Number 28 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, ADOT

Kwisung Kang, ADOT  
Bret Anderson, ADOT  
Eric Boyles, ADOT

Enclosures (1)



**MARICOPA  
ASSOCIATION of  
GOVERNMENTS**

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April 27, 2016

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

*M. Kies*  
Dear Mr. Kies:

The Maricopa Association of Governments' (MAG) Fiscal Year (FY) 2014-2018 Transportation Improvement Program (TIP), approved by the MAG Regional Council on January 29, 2014, requires amendments listed as agenda item 5B which are included in Table A that were approved by the MAG Regional Council on April 27, 2016. Additionally a sheet of clerical corrections, identified as Table B, is included in this request as Administrative Modifications to the MAG TIP that are not required to be heard by Regional Council. 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 STIP as soon as possible to meet the current federal fiscal year requirements.

The approved listings for the modification to the FY 2014-2018 MAG TIP and the amendment to the Statewide Transportation Improvement Program (STIP) are included in the attached tables. This will be the nineteenth request to amend the FY 2014-2018 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

A Voluntary Association of Local Governments in the Maricopa Region

City of Apache Junction ▲ Arizona Department of Transportation ▲ City of Avondale ▲ City of Buckeye ▲ Town of Carefree ▲ Town of Cave Creek ▲ City of Chandler ▲ Citizens Transportation Oversight Committee  
City of El Mirage ▲ Town of Florence ▲ Fort McDowell Yavapai Nation ▲ Town of Fountain Hills ▲ Town of Gila Bend ▲ Gila River Indian Community ▲ Town of Gilbert ▲ City of Glendale ▲ City of Goodyear  
Town of Guadalupe ▲ City of Litchfield Park ▲ City of Maricopa ▲ Maricopa County ▲ City of Mesa ▲ Town of Paradise Valley ▲ City of Peoria ▲ City of Phoenix ▲ Pinal County ▲ Town of Queen Creek  
Salt River Pima-Maricopa Indian Community ▲ City of Scottsdale ▲ City of Surprise ▲ City of Tempe ▲ City of Tolleson ▲ Town of Wickenburg ▲ Town of Youngtown

TABLE A: Requested amendments and administrative modifications to the  
FY 2014-2018 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan<sup>1</sup>, TIP AMENDMENT #19

Agency	Section	Work Year <sup>2</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/ALI	In Life Cycle Program	TRACS/Grant ID	MAG Mode	Funding Year	Federal	Regional	Local	Total	TIP Change Request	Reviewed by <sup>2</sup>			
																				T	R	C	P
ADOT	Highway	2016	DOT16-468	64	38th 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	BR204	Safety	2016	152,000	-	-	152,000	Amend: Add new rail safety project.	✓	✓	✓	✓
Guadalupe	Highway	2017	GDL17-401	3278	Avenida del Yaqui, Calle Seno to Highline Canal	Design of reconstruction and safety improvements	1	1	1	----	None	----	Street	2017	-	-	501,690	501,690	Amend: Add locally funded project.	✓	✓	✓	✓
Guadalupe	Highway	2018	GDL18-401	3278	Avenida del Yaqui, Calle Seno to Highline Canal	Utility relocation for reconstruction and safety improvements	1	1	1	----	None	----	Street	2018	-	-	390,000	390,000	Amend: Add locally funded project.	✓	✓	✓	✓
Guadalupe	Highway	2019	GDL19-401	3278	Avenida del Yaqui, Calle Seno to Highline Canal	Construct reconstruction and safety improvements	1	1	1	----	None	----	Street	2019	-	-	5,541,600	5,541,600	Amend: Add locally funded project.	✓	✓	✓	✓
Maricopa County	Highway	2016	MM16-436C	20188	Rockway His Drive, Beginning of Maintenance to End of Maintenance	Pave dirt road	0.7	2	2	CM- MMA- 02(4) D	None	SZ085 01C	Air Quality	2016	235,750	-	168,520	404,270	Amend: Increase local cost by \$154,270 to reflect updated cost estimate.	✓	✓	✓	✓
Peoria	Highway	2016	PEO12-11002	26578	Intersection of Cactus Rd and 75th Avenue	Design Intersection improvement.	0.1	4	4	HSIP- PEO- 02(15) A	5-year	SH535 03D	Safety	2016	94,300	-	5,700	100,000	Amend: Add \$100,000 total additional funding to existing design phase.	✓	✓	✓	✓
Peoria	Highway	2016	PEO12-11102	44015	Peoria Ave and 75th Ave	Design Intersection improvement.	0.1	4	4	HSIP- PEO- 02(16) A	5-year	SH536 03D	Street Intersection	2016	94,300	-	5,700	100,000	Amend: Add \$100,000 total additional funding to existing design phase.	✓	✓	✓	✓
Phoenix	Highway	2016	PHX16-422	46556	Various locations	Off Federal-aid Highway System Bridge Inspections and AASHTOWare Bridge Rating Software for bridge inspections	0	0	0	PHX- 03(30) D	5-year	TO005 01X001 D	Bridge	2016	211,971	-	12,612	224,783	Amend: Increase costs from \$136,842/\$8,271 to \$211,971/\$12,612 Federal/Local. Update work description.	✓	✓	✓	✓
Phoenix	Highway	2016	PHX16-422A	46556	Various locations	Federal-aid Highway System Bridge Inspections and AASHTOWare Bridge Rating Software for bridge inspections	0	0	0	PHX- 03(29) D	5-year	TO002 01X001 D	Bridge	2016	386,957	-	23,994	420,951	Amend: Increase costs from \$226,156/\$13,791 to \$386,957/\$23,994 Federal/Local.	✓	✓	✓	✓
Phoenix	Highway	2017	PHX17-406	33492	Various Locations	Rent/Air/Vehicle Software-for-bridge-inspections	0	0	0	----	None	----	Bridge	2017	-	-	5,289	5,289	Amend: Delete workphase from TIP. Costs included in overall bridge inspection program.	✓	✓	✓	✓
Phoenix	Highway	2017	PHX17-407	33474	Various Locations	Equipment Rental-for-bridge-inspections	0	0	0	----	None	----	Bridge	2017	-	-	14,030	14,030	Amend: Delete workphase from TIP. Costs included in overall bridge inspection program.	✓	✓	✓	✓
Phoenix	Highway	2018	PHX18-405	33492	Various Locations	Rent/Air/Vehicle Software-for-bridge-inspections	0	0	0	----	None	----	Bridge	2018	-	-	5,289	5,289	Amend: Delete workphase from TIP. Costs included in overall bridge inspection program.	✓	✓	✓	✓

TABLE A: Requested amendments and administrative modifications to the  
FY 2014-2018 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan<sup>1</sup>, TIP AMENDMENT #19

Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/ALI	In Life Cycle Program	TRACS/Grant ID	MAG Mode	Funding Year <sup>3</sup>	Federal	Regional	Local	Total	Reviewed by <sup>2</sup>				
																			T	M	T	R	
Phoenix	Highway	2018	PH244-408	2324	Various Locations	Equipment-Rental-for-bridge-inspections	0	0	0	---	None	---	Bridge	2018	---	---	44,030	44,030	✓	✓	✓	✓	
Tempe	Highway	2016	TMP16-403	4626	Rural Rd within Tempe Boundaries	Conduit and Fiber Installation	0	0	0	TMP-0244 D	None	SZ165 012014 D	ITS	2016	983,626	---	58,455	1,045,081	Amend: Delete workphase from TIP. Costs included in overall bridge inspection program.	✓	✓	✓	✓
Tempe	Highway	2017	TMP17-402	4077	Rural Rd within Tempe boundaries	Conduit and Fiber Installation	0	0	0	TMP-0240 D	None	SZ166 012014 D	ITS	2017	1,871,016	---	113,093	1,984,109	Amend: Delete workphase. Move funding to TMP17-402 to reflect combined project as approved by ITS Committee.	✓	✓	✓	✓
Tempe	Highway	2016	TMP16-406	3526	Rural Road and Southern Avenue	Phase I Design-Traffic Signal Improvements	0	0	0	---	None	---	Safety	2016	30,000	---	165,000	165,000	Amend: Add \$983,626/\$59,455 Federal/local from TMP16-403 to project to reflect combined project as approved by ITS Committee.	✓	✓	✓	✓

Notes

- Items in the report are sorted in order by the following columns: Section, Agency, Year and TIP ID. Changes are in red font. Deletions are show in strike through font.
- The following are used to indicate MAG Committees reviewing these TIP listings for amendment: TIC = Transportation Committee, MC = Management Committee, TPC = Transportation Review Committee, RC = Regional Council
- The year the federal funds (if any) were apportioned by Congress. This item is included only for informational purposes.
- For federal projects this is the year the project will authorize. For transit this is the year the project will appear in a grant.
- Changes are in red font. Deletions are shown in strike through font.

**TABLE B: Requested administrative modifications to the FY 2014-2018 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan, TIP AMENDMENT #19**

Sort: Section, Agency, Location, Work Year

TIP Amendment #19

Agency	Section	Work Year	TIP ID	MAG ID	Location	Work	Miles	Lanes Before	Lanes After	Federal ID/AL	In Life Cycle Program	TRACS/GrantID	MAG Mode	Funding Year	Federal	Regional	Local	Total	TIP Change Request
ADOT	Highway	2016	DOT16-427	3766	10 (Maricopa): Baseline Rd Ray Rd, EB (Near-Term Improvement Strategy)	Design General Purpose Lane	4	8	10	---	RFHP	---	Freeway	2016	-	2,170,000	-	2,170,000	Admin: Change funding source from NHPP (\$2,046,310) to RARF-HURF. No change in total cost.
ADOT	Highway	2016	DOT16-428	2733	10 (Maricopa): Baseline Rd Ray Rd, WB (Near-Term Improvement Strategy)	Design General Purpose Lane	2	8	10	---	RFHP	---	Freeway	2016	-	1,390,000	-	1,390,000	Admin: Change funding source from NHPP (\$1,310,770) to RARF-HURF. No change in total cost.
ADOT	Highway	2016	DOT16-429	1287	10 (Maricopa): Broadway Rd - Baseline Rd, EB (Near-Term Improvement Strategy)	Design CD Roads	2	10	10	---	RFHP	---	Freeway	2016	-	2,650,000	-	2,650,000	Admin: Change funding source from NHPP (\$2,486,950) to RARF-HURF. No change in total cost.
ADOT	Highway	2016	DOT16-431	2424	10 (Maricopa): Broadway Rd - Baseline Rd, WB (Near-Term Improvement Strategy)	Design Braided Ramp	2	10	10	---	RFHP	---	Freeway	2016	-	2,830,000	-	2,830,000	Admin: Change funding source from NHPP (\$2,669,690) to RARF-HURF. No change in total cost.
Apache-Junction	Highway	2014	APJ15-402	3048	Southern Ave: Delaware Dr to Ironwood Dr	PE-ADOT Review Fee-for-Roadway Widening and Improvements	0.5	2	4	APJ-0(24)	None	049	Street	2014	42,565	-	2,584	45,456	Admin: Delete listing. Combine with APJ18-403.
Apache Junction	Highway	2016	APJ18-403	3048	Southern Ave: Delaware Dr to Ironwood Dr	Design Roadway Widening and Improvements	0.5	2	4	APJ-0(214)	None	01D	Street	2016	224,864	-	13,592	238,456	Admin: Correct to match RC closeout in March 2016. Change work year from 2018 to 2016. Combine funding and delete listing APJ18-402
Chandler	Highway	2016	CHN18-109RRB	4731	Chandler Heights Road: Arizona Avenue to McQueen Road	Acquisition of right-of-way for roadway widening	1	2	4	---	ALCP	---	Street	2016	-	250,525	(250,525)	-	Admin: Correct listing to match FY 2016 ALCP. RTP ID ACH-PRC-10-09-A
Maricopa County	Highway	2015	MMA15-404	2415	Countywide at Madison Rose, Madison Heights & Joseph Zito Elementary Schools	Purchase educational materials, incentives and services	0	0	0	MMA-0(257)	None	SF043 01D/01 X	Safety	2015	124,191	-	9,507	133,698	Admin: Change work year to 2015. Project authorized in 2015.
Surprise	Highway	2015	SUR15-402	3195	Arizona Charter Academy - Surprise	Procure consultant services to conduct SRTS Study	0	0	0	SUR-0(220)	None	SF045 01D/01 X	Safety	2015	66,462	-	6,019	72,501	Admin: Change work year to 2015. Project authorized in 2015.

**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 show 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.