



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

ARIZONA DIVISION

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December 3, 2018

In Reply Refer To:
(TRAP 37 - STIP)
Arizona FY 2018-2021
Statewide Transportation Improvement Program (STIP)
Approval of Amendment No. 46

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

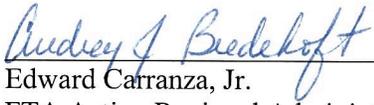
Dear Mr. Byres:

We have reviewed your November 30, 2018 request to amend the FY 2018-2021 Statewide Transportation Improvement Program (STIP) to include the enclosed list of projects approved as FY 2018-2022 Transportation Improvement Program Amendment 15 by the Maricopa Association of Governments Regional Council Regional Council on November 28, 2018.

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 action did require a new conformity determination [40 CFR §93.126]. The new conformity determination was made by the Federal Transit Administration and Federal Highway Administration on July 17, 2018 and remains in effect.

This letter constitutes approval and inclusion of Amendment 46 into the Arizona FY 2018-2021 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. Please note that this letter constitutes approval of the amendment with the understanding that FTA funding on individual projects is subject to the grantees meeting the administrative and statutory requirements.

Sincerely yours,


Edward Carranza, Jr.
FTA Acting Regional Administrator


Karla S. Petty
FHWA Division Administrator

Enclosure

cc: lpounds@azdot.gov; pstone@azdot.gov; banderson@azdot.gov; gbyres@azdot.gov

November 30, 2018

Ms. Karla S. Petty
Division Administrator
Federal Highway Administration
4000 North Central Avenue Suite1500
Phoenix, Arizona 85012-3500

Mr. Edward Carranza
Acting Regional Administrator
Federal Transit Administration
201 Mission Street, Suite1650
San Francisco, California 94105-1839

RE: 2018 – 2022, STIP Amendment Number 46

Dear Ms. Petty:

As the Governor's designee, I approve the action taken by the MAG Regional Council on November 28, 2018 to request an amendment of the 2018-2022 MAG Transportation Improvement Program (TIP). I cordially request Amendment Number 46 of the FY 2018-2022 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 this amendment, 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,



Greg Byres
Multimodal Planning Division

cc: Ed Stillings, FHWA
Patrick Stone, ADOT FMS

Dominique Kraft, FTA
Bret Anderson, ADOT MPD

Enclosures (1)

- MAG TIP Amendment Request Letter (dated 11/28/18)

November 28, 2018

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

Greg
Dear Mr. Byres:

The Maricopa Association of Governments' (MAG) Fiscal Year (FY) 2018-2022 Transportation Improvement Program (TIP), approved by the MAG Regional Council on June 28, 2017, requires amendment of project modifications which are included in Tables A and B within the project changes agenda item. Freeway Life Cycle Program material cost change requests are included in Table C and presented as separate agenda item. These actions were approved by the MAG Regional Council as part of agenda items 5E and 8 on November 28, 2018. 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 2018-2022 MAG TIP and the amendment to the Statewide Transportation Improvement Program (STIP) are included in the attached tables. This will be the fifteenth request to amend the FY 2018-2022 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.

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,



Eric J. Anderson
Executive Director

cc: Ed Stillings, FHWA
Dominique Kraft, FTA
Dallas Hammit, ADOT

Bret Anderson, ADOT
Angela Ringor, ADOT
Patrick Stone, ADOT

50 Years of Serving the Region

TABLE A: Requested Project Changes to the
FY 2018-2022 MAG Transportation Improvement Program (TIP) and 2040 Regional Transportation Plan¹, TIP AMENDMENT #15

Sort: Section, Agency, Location, Work Year

TIP Amendment #15																							Reviewed By ²											
Agency	Section	MAG ID	Location	MAG Mode	Estimate Date for Completion/Opening to Traffic	AQ Area	In Program	Miles	Performance Categories										TIP ID	Fed ID / Grant ID	TRACS / ALI	Work	Work Year ⁴	Funding Type	Apport Year ³	Federal	Regional	Local	Total	TIP Change Request	T	R	M	C
									Through Lanes	PM1	PM2	PM2N	PM2B	PM3F	PM3S	PM3E	Before	After																
MAG	Highway	5339	Regionwide	Other	N/A	Maricopa	Other	0	0	0	No	Yes	No	No	No	Yes	Yes	MAG18-780	---	---	FHWA Funding: Flex to Transit. Annual Amount Placeholder. See Program of Projects for Detail when developed. Funding transfers from FHWA to FTA.	2018	CMAQ	2018	17,108,319	4,163,445	-	21,271,764	Admin: Increase Federal by \$39,841, and increase regional by \$3,191,934, transfer for regular RTP allocation. Total CMAQ allocation for FFY2018 is \$17,358,730. Balance of actual award moved to FFY2019 for programming.	✓	✓	✓	✓	
MAG	Highway	41203	Regionwide	Bike/Ped	N/A	Maricopa	UPWP	0	0	0	No	No	No	No	No	Yes	No	MAG19-885	---	---	Sub-allocated-Bicycle-and-Pedestrian-Master-Plans-and-First-Time-Updates-(Unified-Planning-Work-Program)	2019	TAP-MAG	2019	---	---	---	---	Amend: Delete project from TIP, no applications received during July Call For Projects. Return funding for reprogramming.	✓	✓	✓	✓	
MAG	Highway	5339	Regionwide	Other	N/A	Maricopa	Other	0	0	0	No	Yes	No	No	No	Yes	Yes	MAG19-780T2	---	---	FHWA Funding: Flex to Transit. Annual Amount Placeholder. See Program of Projects for Detail when developed. Funding transfers from FHWA to FTA.	2020	CMAQ	2018	248,411	62,103	-	310,514	Admin: Decrease Federal by \$39,841, and decrease regional by \$9,960, transfer for regular RTP allocation. Total CMAQ allocation for FFY2018 is \$17,358,730. Balance of actual award moved to FFY2019 for programming.	✓	✓	✓	✓	
Maricopa County	Highway	15625	Bush Highway, MP 31.75 - MP 32.5 & Maricopa Rd, MP 12. MP 12.5	Street	OCT-DEC 2020	Maricopa	5-year	0	0	0	No	No	Yes	No	Yes	No	No	MMA18-802	MMA-0(276)T	T015203D	Design, install high friction surface treatment	2018	Local	2018	-	72,001	72,001	Admin: Deprogram the design fund. Agency will fund this design project locally.	✓	✓	✓	✓		
Phoenix	Highway	35323	City of Phoenix (Various)	ITS	OCT-DEC 2019	Maricopa	Other				No	No	No	No	Yes	No	Yes	PHX15-463	CM-PHX-0(286)T	SZ100 01C	Procure, install, and provision traffic monitoring cameras	2019	Local	2019	-	966,269	966,269	Amend: Defer project from FY 2017 to FY 2019. Design is complete.	✓	✓	✓	✓		
Phoenix	Highway	43740	Creighton-Elementary	Safety		Maricopa	Other	0	0	0	No	No	No	No	No	No	No	PHX17-474	PHX-0(339)D	T012604X	Safe-Routes-to-School-Support-Activity-Project	2017	TAP-MAG	2017	---	---	---	---	Amend: Delete project from TIP, no reimbursement has submitted to date.	✓	✓	✓	✓	
Phoenix	Highway	38424	Creighton-School-District/Biltmore-Preparatory	Safety		Maricopa	UPWP	0	0	0	No	No	No	No	No	No	No	PHX17-479	PHX-0(336)D	T009804X	Safe-Routes-to-School-Framework-Study	2017	TAP-MAG	2017	---	---	---	---	Amend: Delete project from TIP, no reimbursement has submitted to date.	✓	✓	✓	✓	
Surprise	Highway	39571	Ashlon Ranch, Countryside, Parkview Elementary	Safety		Maricopa	UPWP	0	0	0	Yes	No	No	No	No	No	No	SUR20-705	---	---	Safe Routes to School Support Activity	2020	TAP-MAG	2020	27,811	1,681	29,492	Clerical: Change to "Support Activity"	✓	✓	✓	✓		
Tempe	Highway	35126	Rural Road and Southern Avenue	Safety	APR-JUN 2019	Maricopa	Other	0	0	0	Yes	No	No	No	No	No	No	TMP17-405	---	---	Phase II ROW: Traffic Signal Improvements	2019	HSIP-MAG	2019	30,000	-	-	30,000	Amend: Defer project to FY2019 based on ADOT PM recommendation.	✓	✓	✓	✓	
Tempe	Highway	35126	Rural Road and Southern Avenue	Safety	APR-JUN 2019	Maricopa	Other	0	0	0	Yes	No	No	No	No	No	No	TMP17-405RW2	---	---	Phase II ROW: Traffic Signal Improvements	2019	HSIP-MAG	2019	94,300	-	5,700	100,000	Amend: Defer project to FY2019 based on ADOT PM recommendation.	✓	✓	✓	✓	
Phoenix	Transit	14259	Regionwide	Transit Bus	OCT-DEC 2022	Maricopa	TLCP	0	0	0	No	Yes	No	No	No	Yes	No	PHX19-814T	---	12.42 20	Fare Collection System	2019	5337-FGM	2018	3,301,817	825,479	-	4,127,396	Admin. Change apportionment year to 2018.	✓	✓	✓	✓	
Phoenix	Transit	14259	Regionwide	Transit Bus	OCT-DEC 2022	Maricopa	TLCP	0	0	0	No	Yes	No	No	No	Yes	No	PHX18-701T	---	11.42 20	Fare Collection System	2019	5307	2018	6,556,027	1,666,507	-	8,332,534	Admin. Change apportionment year to 2018.	✓	✓	✓	✓	
Phoenix	Transit	8434	Regionwide	Transit Bus		Maricopa	TLCP	0	0	0	No	Yes	No	No	No	Yes	No	PHX19-815T	---	11.12.01	Purchase 15 replacement standard 40 foot buses	2019	5339	2018	6,393,530	1,128,287	-	7,521,917	Amend: Phoenix awarded funding in nationwide competitive process.	✓	✓	✓	✓	

TABLE A: Requested Project Changes to the
FY 2018-2022 MAG Transportation Improvement Program (TIP) and 2040 Regional Transportation Plan¹, TIP AMENDMENT #15

Sort: Section, Agency, Location, Work Year

TIP Amendment #15																																	
Agency	Section	MAG ID	Location	MAG Mode	Estimate Date for Completion/Opening to Traffic:	AQ Area	In Program	Miles	Before	After	Safety	Performance Categories						TIP ID	Fed ID / Grant ID	TRACS / ALJ	Work	Work Year ⁴	Funding Type	Apport. Year ³	Federal	Regional	Local	Total	TIP Change Request	Reviewed By ²			
												PM1	PM2T	PM2N	PM2B	PM3F	PM3S													PM3E	T	R	M
Phoenix	Transit	8434	Regionwide	Transit Bus	NA	Maricopa	TLCP	0	0	0	No	Yes	No	No	No	No	Yes	No	VMT19-703T	---	11.12.01	Purchase bus: standard 40 foot - 2 replace	2019	5307	2018	875,117	154,432	-	1,029,549	Amend. Reduce federal amount by \$1,568,633, reduce regional amount by \$276,818, reduce total by \$1,845,451. Funding difference went to Fare Collection System project.	✓	✓	✓
Tempe	Transit	28128	Fifty-seven locations in Tempe	Transit Bus	OCT-DEC 2019	Maricopa	Other	0	0	0	No	Yes	No	No	No	No	No	TMP18-801T	---	---	ADA improvements Round One	2018	PTF	2016	-	220,556	73,519	294,075	Clerical: Change work description to 57 stops, previously incorrectly listed as 10 stops.	✓	✓	✓	

Notes

1. Rows in the report are sorted in order by the following columns: Section, Agency, Location, and Work Year. 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 Review Committee, MC = Management Committee, TPC = Transportation Policy Committee.

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 projects, this is the year the project will appear in a grant.

TABLE B: Requested Arterial Life Cycle Program (ALCP) Project Changes to the
FY 2019 Arterial Life Cycle Program, FY 2018-2022 MAG Transportation Improvement Program (TIP), and 2040 Regional Transportation Plan¹, TIP AMENDMENT #15

Agency	Section	RTP ID	Location	MAG Mode	Estimate Date Open:	AQ Area	In Program	Miles	Performance Categories								TIP ID	Work	Work Year ⁴	Funding Type	Federal	Regional	Local	Total	Reimb. Fiscal Year	Fund Type	Regional Reimb.	TIP Change Request	Reviewed By ²			
									Through Lanes	PM1	PM2T	PM2N	PM2B	PM3F	PM3S	PM3E													T	M	P	
									Before	After	Safety	Transit Asset Condition	Pavement Condition	Bridge Condition	Travel Reliability	Non SOV Travel													Emissions	R	C	C
Chandler	Highway	ACI-CCP-10-03-C	Cooper Rd: Alamosa Drive to Riggs Rd	Street	Sep-19	Maricopa	ALCP	1.8	2	4	No	No	No	No	Yes	No	No	CHN19-13SCRB	Construct roadway widening (Reimb.)	2020	STP-MAG	7,314,135	-	(7,314,135)	-	2020	STP-MAG	7,314,135	Amend: Defers project STP-MAG funding from FFY2019 to FFY2020.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES18-150RWZ	Acquisition of right-of-way for intersection improvement	2019	HSIP-AZ	526,289	-	31,811	558,100	2019	HSIP-AZ	526,289	Amend: Adjust total ROW costs down to \$680,825. Total of \$526,289 to come from HSIP AZ, show minimum match as local, balance shown as regional in MES18-150RRB.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	4	4	6	Yes	No	No	No	Yes	No	No	MES19-150RWZ	Acquisition of right-of-way for intersection improvement	2019	Local	-	-	-4,200,000	-4,200,000	-	-	-	Amend: Delete listing. ROW costs have decreased.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES19-150RRB	Acquisition of right-of-way for intersection improvement	2019	RARF	-	102,725	-	102,725	2019	RARF	102,725	Amend: Adjust total ROW costs down to \$680,825. Show HSIP amount in MES18-150RWZ, this listing reflects balance as regionally funded.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES18-150CZ	Construct utility work for intersection improvement	2019	HSIP-AZ	526,289	-	31,811	558,100	2019	HSIP-AZ	526,289	Amend: Adjust total utility phase costs to \$1,705,050. Listing reflects HSIP-AZ portion and minimum federal match.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES30-150CZ	Construct utility work for intersection improvement	2019	RARF	-	1,031,811	115,139	1,146,950	2019	RARF	1,031,811	Amend: Adjust total utility phase costs to \$1,705,050. Listing represents RARF funding available and local funding to make up difference.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES19-150CZ	Construct Intersection Improvement (AC)	2019	Local	-	-	12,203,621	12,203,621	-	-	-	Amend: Adjust total construction phase costs to \$12,203,621.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES20-150CRB	Construct Intersection Improvement (Reimb)	2019	STP-MAG	6,245,122	-	(6,245,122)	-	2019	STP-MAG	6,245,122	Amend: Increase STP-MAG contribution from MES21-150SAVZ. Balance between total cost - STP - HSIP = local match.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES20-150CZ	Construct Intersection Improvement (Reimb)	2019	HSIP-AZ	5,262,893	-	(5,262,893)	-	2019	HSIP-AZ	5,262,893	Admin: No change. Listing shown for display purposes only.	✓	✓	
Mesa	Highway	ACI-SOU-10-03-B	Southern Ave at Stapley Dr	Street	Jun-21	Maricopa	ALCP	1	4	6	Yes	No	No	No	Yes	No	No	MES21-150SAVZ	Project Savings for Intersection Improvement	2019	STP-MAG	1,242,434	-	-	1,242,434	2019	STP-MAG	1,242,434	Amend: Decrease project savings. Transfer portion to MES20-150CZ	✓	✓	

Notes

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TABLE C: Requested Project Changes to the
FY 2018-2022 MAG Transportation Improvement Program (TIP) and 2040 Regional Transportation Plan¹, TIP AMENDMENT #15

Sort: Section, Agency, Location, Work Year

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													PM1	PM2T	PM2N	PM2B	PM3F	PM3S													PM3E	T	R
ADOT	Highway	23433	101 (Pima): I-17 - Pima Road & Miller Rd Underpass	Freeway	Dec-20	Maricopa	FLCP	13	8	10	Yes	No	Yes	No	Yes	No	Yes	No	DOT18-838	F0121	-	Design-build widening and underpass (AC)	2019	RARF	2019	-	225,500,000	-	225,500,000	Amend: Increase overall construction phase by \$62.2 m. Increase freeway program contribution by \$68 m; decrease other funding sources by \$5.8 m. Freeway program increase represents a material cost change.			
ADOT	Highway	65690	101 (Pima): Baseline Road - SR-202L Santan	Freeway	Mar-21	Maricopa	FLCP	6.5	8	10	Yes	No	Yes	No	Yes	No	No	DOT19-843	H6873	-	Construct widening	2019	Local	2019	-	-	313,704	313,704	Amend: New TIP listing. Add City of Chandler local funds for accept painting of walls, bridges, metal graphic, and fencing.				

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