



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

ARIZONA DIVISION

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June 8, 2017

In Reply Refer To:  
(TRAP 37 - STIP)  
Arizona FY 2017-2020  
Statewide Transportation Program (STIP)  
Approval of Amendment No. 27

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

Dear Mr. Byres:

We have reviewed your May 31, 2017 request to amend the FY 2017-2020 Statewide Transportation Improvement Program (STIP) to include the enclosed list of projects approved by the Maricopa Association of Governments Regional Council on May 24, 2017.

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 July 11, 2016 remains in effect.

This letter constitutes approval and inclusion of Amendment 27 into the Arizona FY 2017-2020 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: [gbyres@azdot.gov](mailto:gbyres@azdot.gov); [dominique.paukowits@dot.gov](mailto:dominique.paukowits@dot.gov) (FTA)  
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internal EC:

EStillings, RTruely, AHansen, TDeitering, RYedlin, TWilson, EChan, ALirange, JBrown, FHWA  
Arizona

ESS

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JUN 02 2017



Multimodal Planning

Douglas A. Ducey, Governor  
John S. Halikowski, Director  
Greg Byres, Division Director

May 31, 2017

Ms. Karla S. Petty  
Division Administrator  
Federal Highway Administration  
4000 North Central Avenue Suite 1500  
Phoenix, Arizona 85012-3500

RE: 2017 – 2021, STIP Amendment Number 27

Dear Ms. Petty:

As the Governor's designee, I approve the action taken by the MAG Regional Council on May 24, 2017 to request amendment 8 to the MAG Transportation Improvement Program (TIP). I cordially request Amendment Number 27 of the FY 2017-2021 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,

A handwritten signature in blue ink, appearing to read 'Greg Byres', with a long horizontal flourish extending to the right.

Greg Byres  
Multimodal Planning Division

cc: Ed Stillings, FHWA  
Patrick Stone, ADOT FMS

Bret Anderson, ADOT MPD

Enclosures (1)

- MAG TIP Amendment Request Letter (dated 5/24/17)

May 24, 2017

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

Dear Mr. Byres:

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 Table A that were approved by the MAG Regional Council on May 24, 2017, 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. This will be the eighth 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  
Susan Anderson, ADOT

TABLE A: Requested amendments and administrative modifications to the  
FY 2017-2021 MAG Transportation Improvement Program (TIP) and the 2035 Regional Transportation Plan<sup>1</sup>, TIP AMENDMENT #8

Sort: Section, Agency, Location, Work Year

TIP Amendment #8																			Reviewed By <sup>2</sup>					
Agency	Section	Work Year <sup>1</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	Appt. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request	T R C	M C	T P C	R C
ADOT	Highway	2017	DOT17-428	42301	Regionwide	Design LED Lighting Upgrade	0	0	0	—	5-year	—	Freeway	NHPP	2017	943,000	-	57,000	1,000,000	Amend: Change location to Regionwide. Project now encompasses LED lighting upgrade for the regionwide freeway system.				✓
ADOT	Highway	2019	DOT19-721	42301	Regionwide	Construct LED Lighting Upgrade	0	0	0	—	5-year	—	Freeway	NHPP	2019	11,316,000	-	684,000	12,000,000	Amend: Change location to Regionwide. Project now encompasses LED lighting upgrade for the regionwide freeway system.				✓
Avondale	Highway	2017	AVN16-410	36576	Avondale (Citywide)	Design Sign Management System and Sign Upgrade (Combine Phase 3 and 4)	0	0	0	AVN-0(223) T	Other	T0009	Safety	HSIP-MAG	2017	75,000	-	-	75,000	Amend: Change workphase from Procure and Install to Design. Combine two work phases. Reduce funding from \$297,900 to 75,000. Move balance of \$132,000 HSIP funding to Procure/Install work phase.			✓	✓
Avondale	Highway	2017	AVN17-470	36576	Avondale (Citywide)	Procure and Install Sign Management System and Sign Upgrade (Combine Phase 3 and 4)	0	0	0	—	Other	—	Safety	HSIP-MAG	2017	348,000	-	-	348,000	Amend: Add balance of \$132,000 HSIP funding from Design (AVN16-410) to Procure/Install work phase. Combine two work phases.			✓	✓
Avondale	Highway	2018	AVN16-412D	17590	Avondale (Citywide)	Design Pedestrian Countdown Signals and Accessible Pedestrian Signals	0	0	0	AVN-0(220) T	Other	SH636 01C/03 D	Safety	HSIP-MAG	2018	140,000	-	-	140,000	Amend: Define and update Design workphase. Combine previous AVN14-109 Design award \$45,900, AVN14-410 award of \$45,900, with 50,000 AVN16-412D. Total design is \$140,800.				✓
Avondale	Highway	2017	AVN16-412	17590	Avondale (Citywide)	Construct Pedestrian Countdown Signals and Accessible Pedestrian Signals	0	0	0	AVN-0(220) T	Other	SH636 01C/03 D	Safety	HSIP-MAG	2017	205,744	-	-	205,744	For information: construction budget HSIP funding. See AVN16-412C2 for STBGP-MAG funding. Total construction cost is \$475,847				✓
Avondale	Highway	2017	AVN16-412C2	17590	Avondale (Citywide)	Construct Pedestrian Countdown Signals and Accessible Pedestrian Signals	0	0	0	AVN-0(220) T	Other	SH636 01C	Safety	STBGP-MAG	2017	254,707	-	15,396	270,103	Amend: Break out funding and improvements for Dycart and McDowell Roads intersection see TIP # AVN20-472. Reduce funding by \$83,824. Project supports FTA section 5307 requirements.				✓
Avondale	Highway	2020	AVN20-472	9283	Dycart Road at McDowell Road	Construct Transit and Pedestrian improvements.	0	0	0	AVN-0(220) T	Other	SH636 01C	Safety	STBGP-MAG	2020	79,046	-	4,778	83,824	Amend: Add new project for Dycart and McDowell Road intersection see TIP # AVN20-472. Project supports FTA section 5307 requirements. This does not include the complete improvements including the right turn lane.				✓
Avondale	Highway	2019	AVN15-441C	31605	Agua Fria Shared Use Path Connector: I-10 and the Agua Fria Channel (Phase 1)	Construct asphalt path and underpass	0.15	0	0	CM-AVN-0(215) T	Other	\$Z078 01C	Bike/Ped	CMAQ	2019	1,264,427	-	78,429	1,340,856	Amend: Request second deferral from 2017 to 2019 based on extended 406 process.	✓	✓	✓	✓
Avondale	Highway	2020	AVN15-441C2	9782	Agua Fria Shared Use Path Connector: Agua Fria Channel to Friendship Park (Phase 2)	Construct bridge and connection to Friendship Park	0.15	0	0	—	Other	—	Bike/Ped	Local	2020	-	-	1,059,144	1,059,144	Amend: Defer locally funded portion from 2019 to 2020.	✓	✓	✓	✓

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TIP Amendment #8																		Reviewed By <sup>2</sup>						
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	Appt. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request	T	M	T	R
																					R	C	P	C
Goodyear	Highway	2018	GDY16-406	23554	Goodyear (Citywide)	Procure and Install Sign Management System and Sign Upgrade	0	0	0	GDY-0(208) T	Other	SH607 01C/01 D/03D	Safety	HSIP-MAG	2018	75,000	-	-	75,000	Amend: Defer from FY2017 to FY2018, as recommended by ADOT PM, based on scoping document.	✓			✓
MAG	Highway	2018	MAG18-805	NEW	Regionwide	Sub-allocated Bicycle and Pedestrian Master Plans and First Time Updates (Unified Planning Work Program)	0	0	0	---	Other	---	Bike/Ped	TAP-MAG	2018	480,000	-	120,000	600,000	Amend: Add new allocation for Bicycle and Pedestrian Master Plans and First Time Updates. Approved at Regional Council April 2017.	✓	✓	✓	✓
MAG	Highway	2019	MAG19-805	NEW	Regionwide	Sub-allocated Bicycle and Pedestrian Master Plans and First Time Updates (Unified Planning Work Program)	0	0	0	---	Other	---	Bike/Ped	TAP-MAG	2019	480,000	-	120,000	600,000	Amend: Add new allocation for Bicycle and Pedestrian Master Plans and First Time Updates. Approved at Regional Council April 2017.	✓	✓	✓	✓
MAG	Highway	2020	MAG20-805	NEW	Regionwide	Sub-allocated Bicycle and Pedestrian Master Plans and First Time Updates (Unified Planning Work Program)	0	0	0	---	Other	---	Bike/Ped	TAP-MAG	2020	480,000	-	120,000	600,000	Amend: Add new allocation for Bicycle and Pedestrian Master Plans and First Time Updates. Approved at Regional Council April 2017.	✓	✓	✓	✓
MAG	Highway	2021	MAG21-805	NEW	Regionwide	Sub-allocated Bicycle and Pedestrian Master Plans and First Time Updates (Unified Planning Work Program)	0	0	0	---	Other	---	Bike/Ped	TAP-MAG	2021	480,000	-	120,000	600,000	Amend: Add new allocation for Bicycle and Pedestrian Master Plans and First Time Updates. Approved at Regional Council April 2017.	✓	✓	✓	✓
MAG	Highway	2022	MAG22-805	NEW	Regionwide	Sub-allocated Bicycle and Pedestrian Master Plans and First Time Updates (Unified Planning Work Program)	0	0	0	---	Other	---	Bike/Ped	TAP-MAG	2022	480,000	-	120,000	600,000	Amend: Add new allocation for Bicycle and Pedestrian Master Plans and First Time Updates. Approved at Regional Council April 2017.	✓	✓	✓	✓
MAG	Highway	2016	MAG16-432	23273	Regionwide	Regional Rideshare and Telework Program	0	0	0	---	Other	---	Air Quality	CMAQ	2016	643,393	-	-	643,393	Admin: Reduce federal funding by \$31,347.98 due to multiyear cost savings.	✓	✓	✓	✓
MAG	Highway	2016	MAG16-433	23273	Regionwide	Travel Reduction Program	0	0	0	---	Other	---	Air Quality	CMAQ	2016	68,587	-	-	68,587	Admin: Reduce federal funding by \$66,393.89 due to multiyear cost savings.	✓	✓	✓	✓

TABLE A: Requested amendments and administrative modifications to the  
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TIP Amendment #8																			Reviewed By <sup>2</sup>						
Agency	Section	Work Year <sup>4</sup>	TIP ID	MAG ID	Location	Work	Miles	Lanes	Before	After	Federal ID/ALI	In Life Cycle Program	TRACS/Grant ID	MAG Mode	Funding	Appert. Year <sup>3</sup>	Federal	Regional	Local	Total	TIP Change Request	T	M	T	R
																						R	C	P	C
MAG	Highway	2016	MAG16-434	23273	Regionwide	Trip Reduction Program	0	0	0	---	Other	---	Air Quality	CMAQ	2016		892,816	-	-	892,816	Admin: Reduce federal funding by \$185,700.00 due to multiyear cost savings.	✓	✓	✓	✓
MAG	Highway	2016	MAG16-431	23273	Regionwide	Purchase PM-10 Certified Street Sweepers and Project Implementation	0	0	0	---	Other	---	Air Quality	CMAQ	2016		934,057	-	56,459	990,516	For information only.	✓	✓	✓	✓
MAG	Highway	2016	MAG16-431C2	23273	Regionwide	Purchase PM-10 Certified Street Sweepers (Carry Forward from FY 2015)	0	0	0	---	Other	---	Air Quality	CMAQ	2016		606,056	-	36,633	642,689	For information only.	✓	✓	✓	✓
MAG	Highway	2016	MAG16-431C3	23273	Regionwide	Purchase PM-10 Certified Street Sweepers	0	0	0	---	Other	---	Air Quality	CMAQ	2016		459,704	-	27,787	487,491	Amend: Reduce funding from MAG16-431C3. The cost savings of \$117,610.18 federal is due to sweepers that cost less than anticipated and due to funds returned to MAG from sold street sweepers that are used for the purchase of sweepers region wide.	✓	✓	✓	✓
MAG	Highway	2019	MAG19-701	23273	Regionwide	Purchase PM-10 Certified Street Sweepers and Project Implementation	0	0	0	---	Other	---	Air Quality	CMAQ	2019		1,036,596	-	62,657	1,099,253	For information only.	✓	✓	✓	✓
MAG	Highway	2019	MAG19-701C2	23273	Regionwide	Purchase PM-10 Certified Street Sweepers and Project Implementation	0	0	0	---	Other	---	Air Quality	CMAQ	2019		423,133	-	25,576	448,709	Amend: Add funding from MAG16-431C3 cost savings of \$117,610.18. Add funding from MAG16-432 cost savings of \$31,347.99. Add funding from MAG16-433 cost savings of \$88,393.89. Add funding cost savings from MAG16-434 of \$185,700.00. Total federal funding for FY2019 sweeper listings are \$1,459,729.	✓	✓	✓	✓

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.

5. Changes are in red font. Deletions are shown in strike through font.