



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>

March 8, 2018

In Reply Refer To:  
(TRAP 37 - STIP)  
Arizona FY 2018-2021  
Statewide Transportation Improvement Program (STIP)  
Approval of Amendment No. 6

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

Dear Mr. Byres:

We have reviewed your February 22, 2018 request to amend the FY 2018-2021 Statewide Transportation Improvement Program (STIP) to include the enclosed list of projects approved by the Western Arizona Council of Governments Regional Council on February 15, 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 amendment are either exempt or are regarded as minor project revisions that do not require conformity determination [40 CFR §93.126].

This letter constitutes approval and inclusion of Amendment 6 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.

Sincerely,

FOR

Karla S. Petty  
Division Administrator

Enclosure

cc: [gbyres@azdot.gov](mailto:gbyres@azdot.gov); [alexander.smith@dot.gov](mailto:alexander.smith@dot.gov); [pstone@azdot.gov](mailto:pstone@azdot.gov); [lpounds@azdot.gov](mailto:lpounds@azdot.gov);  
[banderson@azdot.gov](mailto:banderson@azdot.gov)

Internal cc:

EStillings, RTruely, AHansen, ASarhan, TDeitering, AHeier, TWilson, RYedlin, JBrown, RMoreno,  
BJombo, FHWA Arizona

ESS

*EJS*

February 22, 2018

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

RE: FY 2018 STIP Amendment Number 6

Dear Ms. Petty:

As the Governor's designee, I approve the actions taken by the Western Arizona Council of Governments Regional Council on February 15, 2018 to request an amendment to the FY 2018 – 2022 WACOG Transportation Improvement Program (TIP). I cordially request Amendment Number 6 of the currently approved 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	Jason Bottjen, ADOT MPD
	Mark Henige, ADOT LPA	Angela Ringor, ADOT MPD
	Pat Stone, ADOT Finance	Alvin Stump, ADOT Northwest DE
	Brian Babiars, WACOG	Steve Latoski, WACOG TAC Chairman
	Dave Darger, Colorado City	Bret Anderson, ADOT

Attachment (1)

- WACOG TIP Amendment letter request and supporting documents

1235 S. Redondo Center Dr.  
 Yuma, AZ 85365  
 928-782-1886  
 928-329-4248 FAX  
 1-800-782-1886  
 www.WACOG.com



208 North 4th Street  
 Kingman, AZ 86401  
 928-753-6247  
 928-753-7038 FAX

*Strengthening Communities, Empowering People*

February 16, 2018

Jason Bottjen, Planning Program Manager  
 Via Email: [JBottjen@azdot.gov](mailto:JBottjen@azdot.gov)  
 Multimodal Planning Division Regional Planner  
 Arizona Department of Transportation  
 206 S. 17th Ave. MD 310B  
 Phoenix, AZ 85007

Re: WACOG FY 2018-2022 Transportation Improvement Program  
 TIP Amendment #5- FY 2018  
 Colorado City – ADA Ramps Project  
 TIP ID # CLC 17-101C  
 TRACS # T009401D  
 Additional STP/STBG Funds – CLC 17-101D, Allocate additional \$129,249 in STP for Construction  
 New Project Total \$ 404,294 – (\$381,249 Federal & \$23,045 Local)

Dear Mr. Bottjen:

Attached is WACOG FY2018 TIP Amendment #5, which WACOG requests ADOT review and process. This amendment to WACOG's FY2018 TIP allocates additional STP funds for the Colorado City ADA Ramp Project (CLC 17-101C) to compensate for higher than anticipated construction costs (see attached letter from ADOT project manager Kirstin Tvedten as justification).

The WACOG Transportation Advisory Committee (TAC) approved the FY 2018 TIP Amendment #5 at the TAC's January 24, 2018 meeting. The WACOG Executive Board approved the FY 2018 TIP Amendment #5 at the February 15, 2018 Meeting.

The following table summarizes the additional STP funds requested for the project and changes to the FY 2018 TIP:

TIP ID # TRAC's #	PROJECT SPONSOR	PROJECT NAME	FED AID TYPE	FEDERAL FUNDS	FEDERAL FUNDS SOURCE	LOCAL MATCH	TOTAL COST
<b>2018</b>							
<b>CLC 17-101C</b> <b>(Additional Funds Requested)</b>	Colorado City	Colorado City; Johnson Ave, Central St., & Arizona Ave. – ADA Ramps	STP	<b>\$252,000</b> <b>\$381,249</b>	STP	<b>\$15,232</b> <b>\$23,045</b>	<b>\$267,232</b> <b>\$404,294</b>

- Adds \$129,249 in Federal Funds
- Adds \$7,813 in Local Match Funds

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*Strengthening Communities, Empowering People*

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WACOG requests that this revised FY 2018-2022 TIP now be reviewed and processed.

If you have any questions please don't hesitate to contact me at 928-377-1070, or by email at [justinh@wacog.com](mailto:justinh@wacog.com)

Sincerely,

A handwritten signature in black ink that reads 'Justin Hembree' in a cursive script.

Justin Hembree  
Transportation Program Manager

Copy Brian Babiars, WACOG  
Dave Darger, Colorado City  
Steve Latoski, TAC Chairman, Mohave County  
Bret Anderson, ADOT  
Patrick Stone, ADOT  
Mary Dettlaff, ADOT

**WACOG FY 2018-2022 Transportation Improvement Program  
STP PROJECTS AT A GLANCE**

TIP YEAR	TIP ID # TRAC #	PROJECT SPONSOR	PROJECT NAME	PROJECT LOCATION	LENGTH	TYPE OF IMP - WK - STRU	Functional Classifications	LANES BEFORE	LANES AFTER	FED AID TYPE	FEDERAL FUNDS	FEDERAL FUNDS SOURCE	ADOT Prelim Review Costs	LOCAL MATCH	OTHER FUNDS FEDERAL	OTHER FUNDS LOCAL	HURF EXCHANGE	TOTAL COST	
2017																			
	CLC17-101D	Colorado City	Colorado City; Johnson Ave, Central St., & Arizona Ave. - ADA Ramps							STP	\$84,870	STP		\$5,130				\$90,000	
FY 18 - Amendment # 2 Additional Funds	MMO 17-102 D	Mohave County	Pierce Ferry Rd - Dolan Springs CBD Improvements							BTP	\$248,331	STP		\$14,890				\$281,221	
	KNG 13-108 C	Kingman	RT 66 HAWK signal	Andy Devine Ave. and 1st Street						STP	\$32,000	STP		\$8,000				\$40,000	
		LTAP								STP	\$5,000	STP						\$5,000	
			TOTAL FOR 2017								\$368,201		\$0	\$28,020	\$0	\$0	\$0	\$396,221	
2018																			
FY 18 - Amendment # 3 Additional Funds	LHV12-104 D	Lake Havasu City	Lake Havasu Avenue	S. Palo Verde to Industrial	1.4	Design	Arterial	4	5	STP	\$6,678	STP		\$404				\$7,082	
	LHV12-104 C	Lake Havasu City	Lake Havasu Avenue	S. Palo Verde to Industrial	1.4	Reconstruction	Arterial	4	5	STP	\$989,319	STP		\$59,800				\$1,049,119	
FY 18 - Amendment # 5 Additional Funds	CLC17-101C	Colorado City	Colorado City; Johnson Ave, Central St., & Arizona Ave. - ADA Ramps			CONSTRUCTION				STP	\$361,248	STP		\$23,045				\$404,293	
		LTAP								STP	\$5,000	STP						\$5,000	
			TOTAL FOR 2018								\$1,382,244		\$0	\$83,249	\$0	\$0	\$0	\$1,465,493	
2019																			
	LHV19-101 C	Lake Havasu City	Swanson Ave Improvements	Swanson Ave. from Acoma Blvd to Smoketree Ave.	0.8	CONSTRUCTION	Urban Collector	2	3	STP	\$1,845,240	STP		\$111,234				\$1,956,474	
		LTAP								STP	\$5,000	STP						\$5,000	
			TOTAL FOR 2019								\$1,845,240		\$0	\$111,234	\$0	\$0	\$0	\$1,956,474	
2020																			
FY 18 - Amendment # 2 Additional Funds	MMO 17-102 C	Mohave County	Pierce Ferry Rd - Dolan Springs CBD Improvements							STP	\$1,068,692	STP		\$64,598				\$1,133,290	
		LTAP								STP	\$5,000	STP						\$5,000	
			TOTAL FOR 2020								\$1,073,692		\$0	\$64,598	\$0	\$0	\$0	\$1,138,290	
2021																			
	NOTE: All 2021 Projects are listed for informational purposes. Funding for these projects has not been secured.																		
*Not Approved	MMO 21-102 D	Mohave County	Silver Creek Road Alternative Hard Surfacing							STP	\$334,100	STP		\$20,195				\$354,295	
		LTAP								STP	\$5,000	STP						\$5,000	
			TOTAL FOR 2021								\$339,100		\$0	\$20,195	\$0	\$0	\$0	\$359,295	
2022																			
	NOTE: All 2022 Projects are listed for informational purposes. Funding for these projects has not been secured.																		
*Not Approved	MMO 21-102 C	Mohave County	Silver Creek Road Alternative Hard Surfacing							STP	\$1,325,173	STP		\$80,101				\$1,405,274	
		LTAP								STP	\$5,000	STP						\$5,000	
			TOTAL FOR 2022								\$1,330,173		\$0	\$80,101	\$0	\$0	\$0	\$1,410,274	

NOTE: This is an overall listing of all WACOG projects that have been preliminarily approved by the TAC, by year, for 2016 to 2022. Some projects will need to be moved or reprogrammed due to funding availability.

- Notes:
1. Projects highlighted in "BLUE" are in Lake Havasu City, but will be completed from the WACOG TIP rather than the LHMPO TIP
  2. Projects labeled with "Not Approved" are waiting for eligibility determination from ADOT and FHWA. They are included in this summary list because approvals are expected.
  3. ADOT Review Fee reported only when it is a federally funded project expense. When ADOT Review Fee is not shown, then any fee rendered was paid direct by local agency.
  4. Only "STP" and "HSIP" funded programs are selected by WACOG; projects with other funding sources are required to be included, but are selected through applications
  5. Projects highlighted in "RED" show an amended change in this updated summary

TERMS: "STP" : Surface Transportation Program

STAGE III ESTIMATE

ITEM NO	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED AMOUNT
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	1611	\$6.50	\$10,471.50
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	9621	\$3.00	\$28,863.88
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	459	\$15.00	\$6,889.80
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	77	\$60.00	\$4,620.00
4090003	ASPHALTIC CONCRETE (MISCELLANEOUS STRUCTURAL)	TON	77	\$200.00	\$15,400.00
5050201	RESET FRAME AND COVER FOR MANHOLE	EACH	2	\$750.00	\$1,500.00
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	\$4,500.00	\$4,500.00
7010001	MAINTENANCE AND PROTECTION OF TRAFFIC	L.SUM	1	\$10,000.00	\$10,000.00
7015052	OBLITERATE PAVEMENT MARKING (STRIPE)	L.FT.	4081	\$1.00	\$4,081.00
7040072	PAVEMENT MARKING (TRANSVERSE) (THERMOPLASTIC) (ALKYD) (0.090")	L.FT.	17747	\$0.50	\$8,873.25
8080646	RESET FRAME AND COVER FOR VALVE BOX	EACH	4	\$450.00	\$1,800.00
9010001	MOBILIZATION	L.SUM	1	\$29,000.00	\$29,000.00
9080084	CONCRETE CURB AND GUTTER (C-5.10, TYPE D)	L.FT.	1769	\$30.00	\$53,061.71
9080201	CONCRETE SIDEWALK (C-05.20)	SQ.FT.	150	\$8.00	\$1,196.17
9080246	CONCRETE (SIDEWALK RAMP, C-05.30 TYPE C)	SQ.FT.	751	\$12.00	\$9,015.94
9080295	CONCRETE SIDEWALK RAMP (C-05.30, TYPE D)	SQ.FT.	668	\$12.00	\$8,018.71
9080297	CONCRETE SIDEWALK RAMP (C-05.30, TYPE A)C-05.30, TYPE A)	SQ.FT.	2176	\$10.00	\$21,758.46
9080299	CONCRETE SIDEWALK RAMP (C-5.03, TYPE B)C-05.30, TYPE B)	SQ.FT.	8399	\$10.00	\$83,988.72
9240119	MISCELLANEOUS WORK (INSTALL DETECTABLE WARNING STRIPS)	EACH	23	\$300.00	\$6,900.00
9250001	CONSTRUCTION SURVEYING AND LAYOUT	L.SUM	1	\$7,000.00	\$7,000.00
<b>PROJECT SUBTOTAL</b>					<b>\$316,900.00</b>

	CONSTRUCTION ENGINEERING (20%)	COST	0.20	\$316,900.00	\$63,380.00
	POST DESIGN AND RECORD DRAWING SERVICES (1%)	COST	0.01	\$316,900.00	\$3,169.00
	CONSTRUCTION CONTIGENCY (5%)	COST	0.05	\$316,900.00	\$15,845.00

COLORADO CITY; JOHNSON AVE., CENTRAL ST.,  
 ARIZONA AVE. - ADA RAMPS  
 TRACS No. 0000 MO CLC T0094 01D  
 Project No. CLC-0(205)T

**STAGE III ESTIMATE**

Sheet 2 of 2  
 November 29, 2017

ITEM NO	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED AMOUNT
	COMMUNITY INVOLVEMENT/PUBLIC RELATIONS	COST	1	\$5,000.00	\$5,000.00
	<b>SUBTOTAL</b>				<b>\$87,394.00</b>
	<b>PROJECT TOTAL</b>				<b>\$404,294.00</b>

**Local Public Agency Section**

1109 E. Commerce Drive

Mail Drop: P800

Prescott, AZ 86305

928.326.1062



**From:** Kirstin Tvedten  
**Sent:** Thursday, November 30, 2017 2:22 PM  
**To:** Tricia Lewis  
**Subject:** RE: T0094 01D - Colorado City; ADA Ramps Stage III Submittal

Tricia,

We are still working towards the final submittal which should be in the very near future (waiting for clearances), but the attached cost estimates should be close to Final.

The cost estimates (Cost Estimate vs. Reduced Scope) now include Northcentral District's comments, which had not been incorporated when the funding issue arose. Most notable change was modifying the Construction Engineering percentage from 14% to 20% - due to project remoteness, and other modifications included raising the unit prices for items 2020021, 2020025, and 5050201. Both Cost Estimates have increased and are higher than the estimated overage of \$80,000.

<b>Total Cost Estimate:</b>	<b>\$ 404,294</b>	<b>(\$137,062 HIGHER than current TIP)</b>
<b>Cost Estimate with Reduced Scope:</b>	<b>\$ 368,888</b>	<b>(\$101,656 HIGHER than the current TIP)</b>

Reducing scope decreases the estimated project cost by \$35,406. The reduced scope items include:

- Remove Item 3030022 - Aggregate Base is not necessary if contractor recompacts existing base.
- Reduce Item 4090003 - 4' sawcut and pavement replacement width changed to 2' wide.
- Remove Items 7015052, and 7040072 - Eliminated pavement marking at crosswalks

The Design Engineer (who provided the programmed cost estimate of \$267,232) indicated that the ADA criteria for improvements has changed since the estimate was developed in 2013, and the amount of work to be performed increased due to the new design criteria.

Thanks for all the help with this,

**Kirstin Tvedten, PE**  
**Project Manager**  
205 S 17<sup>th</sup> Avenue  
Phoenix, AZ 85007  
Office: 602-712-4493 | Cell:480-295-2813  
[ktvedten@azdot.gov](mailto:ktvedten@azdot.gov)



**From:** Justin Hembree [<mailto:justinh@wacog.com>]  
**Sent:** Wednesday, November 29, 2017 11:50 AM