

DATE: January 22, 2019

TO: Interagency Consultation Partners and Public

FR: Ty Phimmasone, Staff

RE: **Availability of Draft 2019 FTIP Amendment 2 (Type 3) for Interagency Consultation and Public Review**

The Merced County Association of Governments (MCAG) is proposing **Draft Formal Amendment 2** (Type No. 3- Exempt Projects) to the federally-approved 2019 Federal Transportation Improvement Program (2019 FTIP).

The **Draft Formal Amendment 2** is available for public review and comments. The public review and comment period begin on January 22, 2019 and will end on January 29, 2019.

A new conformity determination and new regional emissions analysis are NOT required for **Draft Formal Amendment 2** to the 2019 FTIP, as this project is Exempt from regional air quality conformity analysis. In addition, the project and/or project phases contained in **Draft Formal Amendment 2** to the 2019 FTIP do not interfere with the timely implementation of any approved Transportation Control Measures (TCMs).

The **Draft Formal Amendment 2** does not contain projects “in common” with projects identified in other currently in-processing FTIP amendments.

In conclusion, the 2019 FTIP as amended meets all applicable transportation planning requirements per 23 CFR Part 450, 40 CFR Part 93, and conforms to the applicable State Implementation Plan (SIP) for air quality.

If you have any questions or would like to submit comments, please contact me at ty.phimmasone@mcagov.org or 209-723-3153 ext. 123.

DATE: January 22, 2019

TO: Interagency Consultation Partners and Public

FR: Ty Phimmasone, Staff

RE: **Availability of Draft 2019 FTIP Amendment 2 (Type 3) for Interagency Consultation and Public Review**

The Merced County Association of Governments (MCAG) is proposing **Draft Formal Amendment 2** (Type No. 3-Exempt Projects) to the federally-approved 2019 Federal Transportation Improvement Program (2019 FTIP).

The **2019 FTIP Formal Amendment 2** programs the following changes:

- **(205-0000-0279): Grouped Projects for Emergency Repair- SHOPP Emergency Response:** Per 2018 SHOPP Amend. 18H-006, program \$2.1 million (EA **1K450**) in FFY 2018/19 for emergency repair of Applegate Road Overcrossing Bridge;

Original Grouped Listing Total = \$0;
Net Change \$ = \$2,100,000; Net Change % = 100%.

- **(205-0000-0134): Grouped Projects for Safety Improvements (HSIP):** Update grouped projects programming per 12/13/2018 updated HSIP listing;

Original Grouped Listing Total = \$751,300;
Net Change \$ = \$1,788,800; Net Change % = (1,788,800 / 751,300) = 238%.

Documentation associated with this amendment is attached as indicated below.

- **Project List:** Attachment 1 includes a summary of programming changes that result from **Draft Formal Amendment 2** to the 2019 FTIP. The attachment also includes the CTIPS printout for the project change to the 2019 FTIP via **Draft Formal Amendment 2**. The amendment does not add, delete, or change the design concept and scope or schedule of existing regionally significant projects.
- **Updated Financial Plan:** Attachment 2 included the updated Financial Plan from the **Draft Formal Amendment 2** that includes the project list as provided in Attachment 1.
- **Conformity Requirements:** A new conformity determination and new regional emissions analysis is NOT required for **Draft Formal Amendment 2** to the 2019 FTIP, as this project is Exempt from air quality conformity analysis. In addition, the project and/or project phases contained in **Draft Formal Amendment 2** to the 2019 FTIP do not interfere with the timely implementation of any approved TCMs.

- Public Involvement: A public review and comment period of 7-days (minimum) is required by MCAG's Public Participation Plan. The public review/comment period commences on January 22, 2019 and will end on January 29, 2019. The documents for **Draft Formal Amendment 2** are posted on the Merced County Association of Governments website (www.mcagov.org) for public access and viewing.

The **2019 FTIP Formal Amendment 2** does not contain projects "in common" with projects identified in other currently in-processing FTIP amendments.

In conclusion, the 2019 FTIP as amended meets all applicable transportation planning requirements per 23 CFR Part 450, 40 CFR Part 93, and conforms to the applicable State Implementation Plan (SIP) for air quality.

If you have any questions or would like to submit comments, please contact: Ty Phimmasone at ty.phimmasone@mcagov.org or 209-723-3153 ext. 123.

ATTACHMENT 1

PROJECT LIST / SUMMARY OF CHANGES

Summary of Changes

MCAG 2019 FTIP Formal Amendment 2

Existing / New	CTIPS ID	PROJECT TITLE	DESCRIPTION OF CHANGE	Phase	Fund Type	PRIOR CTIPS Amt.	CURRENT CTIPS Amt.	FFY	Fund Source Category	Net Change	%	Comments
Existing	205-0000-0279	Grouped Projects for Emergency Repair- SHOPP Emergency Response	Per 2018 SHOPP Amend. 18H-0006, program new project EA 1K450 in FFY 2018/19. This project repairs the Applegate Road O/C Bridge that was hit.	CON	SHOPP AC	0	2,100,000	18/19	SHOPP	\$2,100,000	100%	Original Grouped Listing Total = \$0; Net Change \$ = \$2,100,000; Net Change % = 100%
Existing	205-0000-0134	Grouped Projects for Safety Improvements (HSIP)	Update grouped projects programming per 12/13/2018 updated HSIP listing.	CON	HSIP Local	187,600 0	154,100 0	18/19	HSIP Local	(\$33,500) \$0		
Existing	205-0000-0134	Grouped Projects for Safety Improvements (HSIP)	Update grouped projects programming per 12/13/2018 updated HSIP listing.	CON	HSIP Local	507,330 56,370	417,330 46,370	19/20	HSIP Local	(\$90,000) (\$10,000)		Original Grouped Listing Total = \$751,300; Net Change \$ = \$1,788,800; Net Change % = (1,788,800 / 751,300) = 238%.
Existing	205-0000-0134	Grouped Projects for Safety Improvements (HSIP)	Update grouped projects programming per 12/13/2018 updated HSIP listing.	CON	HSIP Local	0 0	1,552,322 215,678	20/21	HSIP Local	\$1,552,322 \$215,678		
Existing	205-0000-0134	Grouped Projects for Safety Improvements (HSIP)	Update grouped projects programming per 12/13/2018 updated HSIP listing.	CON	HSIP Local	0 0	138,870 15,430	21/22	HSIP Local	\$138,870 \$15,430		

Sum of Net Increases/Decreases by Fiscal Year

18/19	19/20	20/21	21/22
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SHOPP AC	\$2,100,000	\$0	\$0	\$0
HSIP	(\$33,500)	(\$90,000)	\$1,552,322	\$138,870
Local	\$0	(\$10,000)	\$215,678	\$15,430
Total	\$2,066,500	(\$100,000)	\$1,768,000	\$154,300

Totals

\$2,100,000
\$1,567,692
\$221,108
\$3,888,800

=

\$3,888,800

STATE HIGHWAY OPERATIONS & PROTECTION PROGRAM
(SHOPP)

**Merced County Association of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
State Highway System**

DIST: 10	PPNO:	EA:	CTIPS ID: 205-0000-0279	TITLE (DESCRIPTION): Grouped Projects for SHOPP Emergency Response (Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Repair damage caused by natural disasters, civil unrest, or terrorist acts.)	MPO Aprv: State Aprv: Federal Aprv:
CT PROJECT ID:			MPO ID.: SHOPP ER		
COUNTY: Merced County	ROUTE: 99		PM:		EPA TABLE II or III EXEMPT CATEGORY Damage repair caused by unusual disasters.

IMPLEMENTING AGENCY: Caltrans
PROJECT MANAGER: SILVIA DAYAK

PHONE: (209) 948-7780

EMAIL: silvia.dayak@dot.ca.gov

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

<u>Version</u>	<u>Status</u>	<u>Date</u>	<u>Updated By</u>	<u>Change Reason</u>	<u>Amend No.</u>	<u>Prog Con</u>	<u>Prog RW</u>	<u>PE</u>
1	Active	12/19/2018	TPHIMMAS	Amendment - New Project	2	2,100,000		

		<u>PRIOR</u>	<u>18-19</u>	<u>19-20</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>BEYOND</u>	<u>TOTAL</u>
* SHOPP - Emergency Response -										
* Fund Source 1 of 1	PE									
* Fund Type: SHOPP Advance Construction (AC)	RW									
	CON		2,100,000							2,100,000
* Funding Agency: Caltrans	Total:		2,100,000							2,100,000

Comments:

***** Version 1 - 12/19/2018 ***** **Per 2018 SHOPP Amends. 18H-006, add project EA 1K450 - Repair hit damage to Applegate Road O/C Bridge.**

NEW

List of New 2018 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)			Program Code Leg./Congress. Dists. Perf. Meas.
<i>Major Damage Restoration, continued</i>						
13 07-LA-60 11.0 5468 0719000057 1XJ50	In South El Monte, at Peck Road Undercrossing Bridge No. 53-1766. Repair concrete bridge barrier.	18-19	PA&ED	\$0		201.130
			PS&E	\$0		Assembly: 57
			R/W Sup	\$0		Senate: 22
			Con Sup	\$160	18-19	Congress: 38
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$420</u>	18-19	1 Location(s)
			Total	\$580		
14 07-Ven-1 4.7/5.3 5470 0719000092 1XJ70	Near Oxnard, from 2.1 miles north of Deer Creek Road to 5.0 miles south of Las Posas Road. Repair slope and shoulder, and install rock slope protection.	18-19	PA&ED	\$0		201.130
			PS&E	\$0		Assembly: 44
			R/W Sup	\$50	18-19	Senate: 27
			Con Sup	\$2,140	18-19	Congress: 26
			R/W Cap	\$50	18-19	
			<u>Const Cap</u>	<u>\$5,350</u>	18-19	1 Location(s)
			Total	\$7,590		
15 08-Riv-74 36.9 3012V 0819000011 1K290	In Hemet, at Warren Road. Remove and replace failed culverts.	18-19	PA&ED	\$50	18-19	201.130
			PS&E	\$150	18-19	Assembly: 42, 67
			R/W Sup	\$10	18-19	Senate: 23, 28
			Con Sup	\$150	18-19	Congress: 36
			R/W Cap	\$10	18-19	
			<u>Const Cap</u>	<u>\$600</u>	18-19	1 Location(s)
			Total	\$970		
16 08-Riv-74 48.1/64.3 3012W 0819000012 1K300	Near Hemet, from Blackburn Road to Thomas Mountain Road; also on Route 243 from Route 74 to Marian View Drive (PM 0.0/3.5). Fire damage repairs; drainage/slope repair, rock scaling, erosion control, fencing, guardrail and sign replacement, remove trees and debris.	18-19	PA&ED	\$500	18-19	201.130
			PS&E	\$850	18-19	Assembly: 71
			R/W Sup	\$300	18-19	Senate: 28
			Con Sup	\$3,000	18-19	Congress: 36
			R/W Cap	\$1,500	18-19	
			<u>Const Cap</u>	<u>\$23,500</u>	18-19	2 Location(s)
			Total	\$29,650		
17 10-Mer-99 22.7 3431 1019000027 1K450	In Atwater, at Applegate Road Overcrossing Bridge No. 39-0127. High load bridge hit repair.	18-19	PA&ED	\$25	18-19	201.130
			PS&E	\$75	18-19	Assembly: 21
			R/W Sup	\$0		Senate: 12
			Con Sup	\$500	18-19	Congress: 16
			R/W Cap	\$0		
			<u>Const Cap</u>	<u>\$1,500</u>	18-19	1 Location(s)
			Total	\$2,100		

2018 SHOPP Backup List (\$1,000)

Route	PM	Location / Description	PPINO	EA	Pgm. Code	RW	CON	PA&ED	PS&E	RW SUP	CON SUP	TOTAL
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Prior	18/19	19/20	20/21	21/22
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COLLISION REDUCTION

140	0.0 / 42.1	Near Merced at various locations, from Route 5 to 6 miles east of Merced. Upgrade metal beam guardrails.	3018	0Y110	201.015	794	4,334	1,442	1,168	280	1,187	9,205
140	2.3 / 49.0	In and near Gustine and Merced, from Outside Canal Bridge No. 39-0055 to 1.3 mi. west of Mariposa County line, at various locations. Replace bridge approach guardrail on 2 bridges and removal of obstructions from clear recovery zone at 11 locations.	3074	0Y130	201.015	355	4,225	1,279	769	252	1,172	8,052
152	14.1 / R40.7	In and near Los Banos, from 0.3 mi. east of Route 5 to 0.2 mi. west of Route 59. Upgrade guardrail to standard.	3740	1C370	201.015	13	2,598	650	939	12	745	4,957
152	21.0	In Los Banos, at South 11th Street. Improve safety by installing new traffic signal.	3417	1J300	201.010	300	1,527	480	1,045	93	596	4,041
SHOPP COLLISION REDUCTION: SUBTOTALS												

2,890		6,315		
1,279			1,021	5,752
	650	964	3,343	
	480	1,438	2,123	
4,169	1,130	8,717	6,487	5,752

BRIDGE PRESERVATION

152	VAR	In Merced County, on Routes 152, 140, and 59, at various locations. Seismic retrofit and bridge rail upgrade of 7 bridges.	3122	0G830	201.113	416	6,530	982	649	19	1,984	10,580
5	VAR	In Merced, San Joaquin, Mariposa, and Stanislaus Counties, on various routes at various locations. Scour mitigation and preventative structural maintenance measures at 13 bridges.	3102	1C810	201.119	206	3,200	819	950	542	1,200	6,917
SHOPP BRIDGE PRESERVATION: SUBTOTALS												

982		9,598		
819	1,492		4,606	
1,801	1,492	9,598	4,606	0

ROADWAY PRESERVATION

99	R12.7 / 17.6	In and near Merced, from south of Childs Ave to south of Franklin Road. Roadway rehabilitation. (G13 Contingency: CON-CON Sup)	3089	1C170	201.122	95	46,000	1,600	3,700	122	12,400	63,917
99	20.1 / 24.3	In and near Atwater, from 0.4 mi. south of Buñach Road to south of Westside Blvd. Roadway rehabilitation.	5431	3A720	201.122	3,369	60,600	1,973	5,200	677	10,000	81,839
152	VAR	In Merced County, on Routes 152, 59, and 99, and in San Joaquin County on Routes 5 and 12, at various locations. Rehabilitate culverts.	3139	0S120	201.151	151	1,768	622	743	124	765	4,173
SHOPP ROADWAY PRESERVATION: SUBTOTALS												

5,422		95		
7,850	73,969			
622	867	2,684		
13,894	74,836	2,779	0	0

MANDATES

165	8.5 / 10.6	In Los Banos, from 0.3 mi. south of Route 152 to Dove Street at various locations. Upgrade ADA facilities.	3149	0X520	201.361	1,280	968	347	477	1,280	505	4,857
SHOPP MANDATES: SUBTOTALS												

2,104		2,753		
2,104	0	2,753	0	0

MOBILITY

152	11.3	Near Los Banos, at Route 33 Interchange; also, on Route 5 (PM 6.3) at Route 165 Interchange. Improve the truck turn radius.	3214	0T680	201.310	274	2,216	495	850	64	630	4,529
SHOPP MOBILITY: SUBTOTALS												

0	495	914		3,120
0	495	914	0	3,120

ROADSIDE PRESERVATION

5	0.4 / 0.8	Near Los Banos and Firebaugh, at the John "Chuck" Erreca Safety Roadside Rest Area (SRRRA). Upgrade northbound and southbound SRRRA facilities.	3215	1C790	201.250	5	16,700	925	2,970	10	3,150	23,760
5	0.4 / 0.9	At NB & SB John "Chuck" Erreca Safety Roadside Rest Area (SRRRA), and in San Joaquin County on Route 99 at Lodi Park-and-Ride Lot. Transportation infrastructure improvement for zero-emission vehicle charging.	3209A	1G721	201.999	4	1,605	0	284	9	302	2,204
SHOPP ROADSIDE PRESERVATION: SUBTOTALS												

0	925	2,985		19,850
0	2,204			
0	3,129	2,985	0	19,850

EMERGENCY RESPONSE

99	22.7	In Atwater, at Applegate Road Overcrossing Bridge No. 39-0127. High load bridge hit repair.	3431	1K450	201.310	0	1,500	25	75	0	500	2,100
SHOPP MOBILITY: SUBTOTALS												

0	2,100			
0	2,100	0	0	0

21,968	83,182	27,746	11,093	28,722
21,968		150,743		
SHOPP PROGRAMMING TOTALS				
172,711				

172,711				
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HIGHWAY SAFETY IMPROVEMENT PROGRAM
(HSIP)

**Merced County Association of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
Local Highway System**

DIST: 10	PPNO:	EA:	CTIPS ID: 205-0000-0134	TITLE (DESCRIPTION): Grouped Projects for Safety Improvements (HSIP) (Grouped Projects for Safety Improvements (HSIP). Projects are consistent w- 40CFR Part 93.126 Exempt Tables 2 & 3 Categories.)	MPO Aprv: State Aprv: Federal Aprv:
CT PROJECT ID:			MPO ID.: CM01		EPA TABLE II or III EXEMPT CATEGORY Safety Improvement Program.
COUNTY: Merced County	ROUTE:		PM:		

IMPLEMENTING AGENCY: Various Agencies
PROJECT MANAGER: VARIOUS

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
16	Active	12/19/2018	TPHIMMAS	Amendment - Cost/Scope/Sch. Change	2	3,021,000		
15	Official	08/16/2018	TPHIMMAS	Adoption - Carry Over	0	3,023,000		
14	Official	02/16/2017	TPHIMMAS	Amendment - Cost/Scope/Sch. Change	1	2,816,000		
13	Official	09/22/2016	TPHIMMAS	Adoption - Carry Over	0	2,385,000		
12	Official	12/17/2015	TPHIMMAS	Amendment - Cost/Scope/Sch. Change	11	3,824,000		
11	Official	04/03/2015	TPHIMMAS	Amendment - Cost/Scope/Sch. Change	3	1,553,000		
10	Official	01/15/2015	TPHIMMAS	Amendment - Cost/Scope/Sch. Change	1	1,553,000		
9	Official	09/25/2014	TPHIMMAS	Adoption - Carry Over	0	1,507,000		
8	Official	11/22/2013	TPHIMMAS	Amendment - Cost/Scope/Sch. Change	15	1,507,000		

* Other Fed -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
* Fund Source 1 of 3	CON	429,000	154,000	417,000	1,552,000	139,000				2,691,000
* Fund Type: Highway Safety Improvement Program										
* Funding Agency: Various Agencies	Total:	429,000	154,000	417,000	1,552,000	139,000				2,691,000

* Local Funds -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
* Fund Source 2 of 3	CON	50,000		46,000	216,000					312,000
* Fund Type: County Funds										
* Funding Agency: Merced County	Total:	50,000		46,000	216,000					312,000

* Local Funds -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
* Fund Source 3 of 3	CON	3,000				15,000				18,000
* Fund Type: City Funds										
* Funding Agency: Atwater, City of	Total:	3,000				15,000				18,000

Project Total:		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
	CON	482,000	154,000	463,000	1,768,000	154,000				3,021,000
	Total:	482,000	154,000	463,000	1,768,000	154,000				3,021,000

Comments:

***** Version 16 - 12/19/2018 *******2019 FTIP Formal Amend. 2 makes programming changes to reflect 12/13/2018 CT HQ HSIP listing.**
 ***** Version 1 - 05/14/18 *****
 Project data transferred from 2016 FTIP.
 ***** Version 14 - 01/06/2017 *****2017 FTIP Formal Amend. 1 makes programming changes to reflect 11/29/2016 CT HQ HSIP listing.

CURRENT

**Merced County Association of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
Local Highway System**

DIST: 10	PPNO:	EA:	CTIPS ID: 205-0000-0134	TITLE (DESCRIPTION): Grouped Projects for Safety Improvements (HSIP) (Grouped Projects for Safety Improvements (HSIP). Projects are consistent w- 40CFR Part 93.126 Exempt Tables 2 & 3 Categories.)	MPO Aprv: 08/16/2018
CT PROJECT ID:			MPO ID: CM01		State Aprv:
COUNTY: Merced County	ROUTE:		PM:		Federal Aprv:
					EPA TABLE II or III EXEMPT CATEGORY Safety Improvement Program.

IMPLEMENTING AGENCY: Various Agencies
PROJECT MANAGER: VARIOUS

PHONE:

EMAIL:

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

Version	Status	Date	Updated By	Change Reason	Amend No.	Prog Con	Prog RW	PE
1	Official	08/16/2018	TPHIMMAS	Adoption - Carry Over	0	3,023,000		

* Other Fed -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 1 of 3	PE									
	RW									
* Fund Type: Highway Safety Improvement Program	CON	1,997,000	188,000	507,000						2,692,000
* Funding Agency: Various Agencies	Total:	1,997,000	188,000	507,000						2,692,000

* Local Funds -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 2 of 3	PE									
	RW									
* Fund Type: County Funds	CON	256,000		56,000						313,000
* Funding Agency: Merced County	Total:	256,000		56,000						313,000

* Local Funds -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 3 of 3	PE									
	RW									
* Fund Type: City Funds	CON	18,000								18,000
* Funding Agency: Atwater, City of	Total:	18,000								18,000

Project Total:		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
	CON	2,271,000	188,000	563,000						3,023,000
	Total:	2,271,000	188,000	563,000						3,023,000

Comments:

***** Version 1 - 05/14/18 *****

Project data transferred from 2016 FTIP.

***** Version 14 - 01/06/2017 *****2017 FTIP Formal Amend. 1 makes programming changes to reflect 11/29/2016 CT HQ HSIP listing.

***** Version 1 - 06/22/16 *****

Project data transferred from 2014 FTIP.

***** Version 12 - 11/16/2015 *****2015 FTIP Formal Amend. 11 makes programming changes to reflect 11/12/2015 CT HQ HSIP listing.

***** Version 11 - 03/30/2015 *****2015 FTIP Admin. Mod. 3 makes programming changes to reflect 03/25/2015 CT HQ HSIP listing. Per Caltrans' 03/18/15 HSIP delivery letter, Cycle 6 projects will be federally funded 100% ("toll credits"). DPW's Winton Way/Gertrude Ave project will have \$410,667 in FFY 15/16 programmed at 100% federal share.

***** Version 10 - 12/16/2014 *****Amend 1 to make programming changes to reflect 11/21/2014 CT HQ HSIP listing.

PRIOR

**Highway Safety Improvement Program (HSIP)
2019 FTIP Back-Up List, sorted by MPO, Agency and Unique Project ID**

MPO: MCAG		Statewide (all MPO's)									
Backup List Updated On:		12/13/2018									
Unique Project ID	Agency	Project Location	Description of Work	Current Total Project Cost Estimate	Current Pymd Federal Funds	Other/Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20	Federal Funds Programmed in 2020/21	Federal Funds Programmed in 2021/22
HSP7-10-001	Awater	The intersection of Shaffer Road with Juniper Avenue	Replace existing permissive left turn phasing for Juniper Avenue with protective left turn phasing (split phasing); install ADA compliant ramps, high visibility x-walks & ADA compliant ped push buttons; and modify the signing and striping	\$183,000	\$164,700	\$18,300	\$25,830	\$0	\$0	\$0	\$138,870
					90%	10%	\$2,870				\$15,430
H8-10-002	Merced County	Stephens Street between El Capitan Way and Shell Street in the unincorporated community of Dahti.	Use striping to implement Road Diet, install two enhanced pedestrian crosswalks, and install segment lighting.	\$583,700	\$507,330	\$56,370	\$90,000	\$0	\$417,330	\$0	\$0
					90%	10%	\$10,000		\$46,370		
H8-10-003	Merced County	Various unsignalized intersections near school areas in the unincorporated communities of Le Grand, South Dos Palos, and Santa Nella.	Enhance pedestrian crosswalks by installing ADA curb ramps, advanced warning road signs, high-visibility crosswalk marking patterns, advanced yield lines, and rectangular rapid flashing beacons (RRFBs).	\$187,600	\$187,600	\$0	\$33,500	\$154,100	\$0	\$0	\$0
					100%	0%	\$0				
HSP7-10-002	Merced County	Project is located in the unincorporated Community of Planada at the intersection of Santa Fe Avenue at Childs Avenue, and the adjacent Childs Avenue crossing of the BNSF Railroad.	Install pedestrian exclusionary fence along the BNSF railroad tracks, sidewalk, an all-grade pedestrian crossing of the BNSF railroad at Childs Avenue, and a traffic signal at the intersection of Santa Fe Avenue at Childs Avenue.	\$1,412,600	\$1,271,340	\$141,260	\$180,000	\$0	\$0	\$1,091,340	\$0
					90%	10%	\$20,000			\$121,260	
HSP7-10-003	Merced County	On Merced Falls Road, approximately 1 mile East of La Grange Road in the Snelling area	Install centerline rumble strips/stripes, widen shoulder (paved) and edge/line rumble strips/stripes	\$676,000	\$561,080	\$114,920	\$100,098	\$0	\$0	\$460,982	\$0
					83%	17%	\$20,502			\$94,418	
Total(MCAG)				\$3,022,900	\$2,692,050	\$330,850	\$429,428	\$154,100	\$417,330	\$1,552,322	\$138,870
							\$0		\$46,370	\$215,678	\$15,430

DETERMINING LOCAL MATCH AMOUNTS CORRESPONDING TO FEDERAL FUNDS PROGRAMMING:

Federal = (Project Cost) x (% Fed)
 therefore: Project Cost = Federal / (% Fed)
 Local Match = (Project Cost) x (% Local)

ATTACHMENT 2
UPDATED FINANCIAL PLAN

TABLE 1: REVENUE

Merced County Association of Governments
 2019 Federal Transportation Improvement Program (FTIP)
 Amendment 2
 (\$'s in 1,000)

Funding Source		N O T E S	4 YEAR (FTIP Period)								TOTAL CURRENT
			FY 2019		FY 2020		FY 2021		FY 2022		
			Amendment		Amendment		Amendment		Amendment		
			Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	
LOCAL	Sales Tax										
	City										
	County										
	Gas Tax	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$48,000	
	Gas Tax (Subventions to Cities)	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$16,000	
	Gas Tax (Subventions to Counties)	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$32,000	
	Other Local Funds	\$3,512	\$3,512	\$3,623	\$3,623	\$3,621	\$3,621	\$3,619	\$3,619	\$14,375	
	County General Funds										
	City General Funds										
	Street Taxes and Developer Fees										
	RSTP Exchange funds	\$3,512	\$3,512	\$3,623	\$3,623	\$3,621	\$3,621	\$3,619	\$3,619	\$14,375	
	Transit	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$6,160	
Transit Fares	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$6,160		
Other (See Appendix 1)	\$2,036	\$2,036	\$2,036	\$2,036	\$2,036	\$2,036	\$2,036	\$2,036	\$8,144		
Local Total	\$19,088	\$19,088	\$19,199	\$19,199	\$19,197	\$19,197	\$19,195	\$19,195	\$76,679		
REGIONAL	Tolls										
	Bridge Corridor										
	Regional Sales Tax	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000	
Other (See Appendix 2)											
Regional Total	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000		
STATE	State Highway Operations and Protection Program (SHOPP) ¹	\$81,082	\$83,182	\$27,746	\$27,746	\$11,093	\$11,093	\$28,722	\$28,722	\$150,743	
	SHOPP	\$81,082	\$83,182	\$27,746	\$27,746	\$11,093	\$11,093	\$28,722	\$28,722	\$150,743	
	SHOPP Prior										
	State Minor Program										
	State Transportation Improvement Program (STIP) ¹	\$5,500	\$5,500			\$495	\$495	\$33,950	\$33,950	\$39,945	
	STIP	\$5,500	\$5,500			\$495	\$495	\$33,950	\$33,950	\$39,945	
	STIP Prior										
	State Bond										
	Proposition 1A (High Speed Passenger Train Bond Program)										
	Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2008)										
	Active Transportation Program (ATP) ¹	\$915	\$915	\$1,265	\$1,265	\$1,395	\$1,395			\$3,575	
	Highway Maintenance (HM) Program ¹										
Highway Bridge Program (HBP) ¹	\$340	\$340	\$4,731	\$4,731			\$577	\$577	\$5,648		
Road Repair and Accountability Act of 2017 (SB1)	\$29,050	\$29,050							\$29,050		
Traffic Congestion Relief Program (TCRPP)											
State Transit Assistance (STA) (e.g., population/revenue based, Prop 42)	\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$8,292		
Other (See Appendix 3)	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$28,700		
State Total	\$126,135	\$128,235	\$42,990	\$42,990	\$22,231	\$22,231	\$72,497	\$72,497	\$265,953		
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants	\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$12,712	
	5309 - Fixed Guideway Capital Investment Grants										
	5309b - New and Small Starts (Capital Investment Grants)										
	5309c - Bus and Bus Related Grants										
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities										
	5311 - Formula Grants for Rural Areas	\$539	\$539	\$539	\$539	\$539	\$539	\$539	\$539	\$2,156	
	5311f - Intercity Bus	\$222	\$222	\$222	\$222	\$222	\$222	\$222	\$222	\$888	
	5337 - State of Good Repair Grants										
	5339 - Bus and Bus Facilities Formula Grants										
	FTA Transfer from Prior FTIP										
Other (See Appendix 4)											
Federal Transit Total	\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$15,756		
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$3,548	\$3,548	\$3,611	\$3,611	\$3,609	\$3,609	\$3,608	\$3,608	\$14,376	
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)										
	Coordinated Border Infrastructure Program										
	Federal Lands Access Program	\$2,047	\$2,047	\$55	\$55					\$2,102	
	Federal Lands Transportation Program	\$75	\$75							\$75	
	GARVEE Bonds Debt Service Payments										
	Highway Infrastructure Program (HIP)					\$664	\$664			\$664	
	Highway Infrastructure Program (HIP) - PRIOR										
	High Priority Projects (HPP) and Demo										
	Highway Safety Improvement Program (HSIP)	\$188	\$154	\$507	\$417		\$1,552		\$139	\$2,262	
	National Highway Freight Program (NHFP)										
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)										
	Railway-Highway Crossings Program										
Recreational Trails Program											
SAFETEA-LU Safe Routes to School (SRTS)											
Surface Transportation Block Grant Program (STBGP/RSTP)											
Other (see Appendix 5)	\$678	\$678							\$678		
Federal Highway Total	\$6,536	\$6,502	\$4,173	\$4,083	\$4,273	\$5,825	\$3,608	\$3,747	\$20,157		
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix 6)										
	Federal Railroad Administration Total										
Federal Total	\$10,475	\$10,441	\$8,112	\$8,022	\$8,212	\$9,764	\$7,547	\$7,686	\$35,913		
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)										
	Other (See Appendix 7)										
	Innovative Financing Total										
REVENUE TOTAL		\$170,698	\$172,764	\$85,301	\$85,211	\$64,640	\$66,192	\$114,239	\$114,378	\$438,545	

Financial Summary Notes:
¹ State Programs that include both state and federal funds

TABLE 2: PROGRAMMED

Merced County Association of Governments
2019 Federal Transportation Improvement Program (FTIP)
Amendment 2
(\$'s in 1,000)

FUNDING SOURCES		N O T E S	4 YEAR (FTIP Period)								TOTAL CURRENT
			FY 2019		FY 2020		FY 2021		FY 2022		
			Amendment		Amendment		Amendment		Amendment		
			Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	
LOCAL	Local Total		\$4,267	\$4,267	\$4,623	\$4,613	\$3,594	\$3,810	\$3,815	\$3,830	\$16,520
REGIONAL	Tolls										
	<i>Bridge</i>										
	<i>Corridor</i>										
	Regional Sales Tax										
	Other (See Appendix A)										
	Regional Total										
STATE	State Highway Operations and Protection Program (SHOPP) ¹		\$81,082	\$83,182	\$27,746	\$27,746	\$11,093	\$11,093	\$28,722	\$28,722	\$150,743
	SHOPP		\$81,082	\$83,182	\$27,746	\$27,746	\$11,093	\$11,093	\$28,722	\$28,722	\$150,743
	SHOPP Prior										
	State Minor Program										
	State Transportation Improvement Program (STIP) ¹		\$5,500	\$5,500			\$495	\$495	\$33,950	\$33,950	\$39,945
	STIP		\$5,500	\$5,500			\$495	\$495	\$33,950	\$33,950	\$39,945
	STIP Prior										
	State Bond										
	<i>Proposition 1A (High Speed Passenger Train Bond Program)</i>										
	<i>Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)</i>										
	Active Transportation Program ¹		\$915	\$915	\$1,265	\$1,265	\$1,395	\$1,395			\$3,575
	Highway Maintenance (HM) Program ¹										
	Highway Bridge Program (HBP) ¹		\$340	\$340	\$4,731	\$4,731			\$577	\$577	\$5,648
	Road Repair and Accountability Act of 2017 (SB1)		\$29,050	\$29,050							\$29,050
	Traffic Congestion Relief Program (TCRP)										
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)		\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$2,073	\$8,292
	Other (See Appendix B)		\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$28,700
	State Total		\$126,135	\$128,235	\$42,990	\$42,990	\$22,231	\$22,231	\$72,497	\$72,497	\$265,953
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants		\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$3,178	\$12,712
	5309 - Fixed Guideway Capital Investment Grants										
	5309b - New and Small Starts (Capital Investment Grants)										
	5309c - Bus and Bus Related Grants										
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities										
	5311 - Formula Grants for Rural Areas		\$539	\$539	\$539	\$539	\$539	\$539	\$539	\$539	\$2,156
	5311F - Intercity Bus		\$222	\$222	\$222	\$222	\$222	\$222	\$222	\$222	\$888
	5337 - State of Good Repair Grants										
	5339 - Bus and Bus Facilities Formula Grants										
	FTA Transfer from Prior FTIP										
	Other (See Appendix C)										
	Federal Transit Total		\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$3,939	\$15,756
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program		\$3,035	\$3,035	\$3,237	\$3,237	\$420	\$420	\$270	\$270	\$6,962
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)										
	Coordinated Border Infrastructure Program										
	Federal Lands Access Program		\$2,047	\$2,047	\$55	\$55					\$2,102
	Federal Lands Transportation Program		\$75	\$75							\$75
	GARVEE Bonds Debt Service Payments										
	Highway Infrastructure Program (HIP)										
	Highway Infrastructure Program (HIP) - PRIOR										
	High Priority Projects (HPP) and Demo										
	Highway Safety Improvement Program (HSIP)		\$188	\$154	\$507	\$417		\$1,552		\$139	\$2,262
	National Highway Freight Program (NHFP)										
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)										
	Railway-Highway Crossings Program										
	Recreational Trails Program										
	SAFETEA-LU Safe Routes to School (SRTS)										
	Surface Transportation Block Grant Program (STBGP/RSTP)										
	Other (see Appendix D)		\$678	\$678							\$678
	Federal Highway Total		\$6,023	\$5,989	\$3,799	\$3,709	\$420	\$1,972	\$270	\$409	\$12,079
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix E)										
	Federal Railroad Administration Total										
	Federal Total		\$9,962	\$9,928	\$7,738	\$7,648	\$4,359	\$5,911	\$4,209	\$4,348	\$27,835
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)										
	Other (See Appendix F)										
	Innovative Financing Total										
PROGRAMMED TOTAL			\$140,364	\$142,430	\$55,351	\$55,251	\$30,184	\$31,952	\$80,521	\$80,675	\$310,308

MPO Financial Summary Notes:

¹ State Programs that include both state and federal funds.

TABLE 3: REVENUE-PROGRAMMED

Merced County Association of Governments
 2019 Federal Transportation Improvement Program (FTIP)
 Amendment 2
 (\$'s in 1,000)

FUNDING SOURCES		4 YEAR (FTIP Period)								TOTAL CURRENT
		FY 2019		FY 2020		FY 2021		FY 2022		
		Amendment		Amendment		Amendment		Amendment		
		Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	Prior No. 1	Current No. 2	
LOCAL	Local Total	\$14,821	\$14,821	\$14,576	\$14,586	\$15,603	\$15,387	\$15,380	\$15,365	\$60,159
REGIONAL	Tolls									
	Bridge Corridor									
	Regional Sales Tax Other	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
	Regional Total	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
STATE	State Highway Operations and Protection Program (SHOPP) ¹									
	SHOPP									
	SHOPP Prior									
	State Minor Program									
	State Transportation Improvement Program (STIP) ¹									
	STIP									
	STIP Prior									
	State Bond									
	Proposition 1A (High Speed Passenger Train Bond Program)									
	Proposition 1E (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)									
	Active Transportation Program ¹									
	Highway Maintenance (HM) Program ¹									
	Highway Bridge Program (HBP) ¹									
	Road Repair and Accountability Act of 2017 (SB1) Traffic Congestion Relief Program (TCRP) State Transit Assistance (STA)(e.g., population/revenue based, Prop 42) Other									
	State Total									
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants									
	5309 - Fixed Guideway Capital Investment Grants									
	5309b - New and Small Starts (Capital Investment Grants)									
	5309c - Bus and Bus Related Grants									
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities									
	5311 - Formula Grants for Rural Areas									
	5311f - Intercity Bus									
	5337 - State of Good Repair Grants									
	5339 - Bus and Bus Facilities Formula Grants									
	FTA Transfer from Prior FTIP									
	Other									
	Federal Transit Total									
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$513	\$513	\$374	\$374	\$3,189	\$3,189	\$3,338	\$3,338	\$7,414
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)									
	Coordinated Border Infrastructure Program									
	Federal Lands Access Program									
	Federal Lands Transportation Program									
	GARVEE Bonds Debt Service Payments									
	Highway Infrastructure Program (HIP)					\$664	\$664			\$664
	Highway Infrastructure Program (HIP) - PRIOR									
	High Priority Projects (HPP) and Demo									
	Highway Safety Improvement Program (HSIP)									
	National Highway Freight Program (NHFP)									
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)									
	Railway-Highway Crossings Program									
Recreational Trails Program										
SAFETEA-LU Safe Routes to School (SRTS)										
Surface Transportation Block Grant Program (STBGP/RSTP)										
Other										
	Federal Highway Total	\$513	\$513	\$374	\$374	\$3,853	\$3,853	\$3,338	\$3,338	\$8,078
FEDERAL RAIL	Other Federal Railroad Administration									
	Federal Railroad Administration Total									
	Federal Total	\$513	\$513	\$374	\$374	\$3,853	\$3,853	\$3,338	\$3,338	\$8,078
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)									
	Other									
	Innovative Financing Total									
REVENUE - PROGRAM TOTAL		\$30,334	\$30,334	\$29,950	\$29,960	\$34,456	\$34,240	\$33,718	\$33,703	\$128,237

ATTACHMENT 3

MCAG BOARD ADOPTION RESOLUTION

**BEFORE THE
MERCED COUNTY ASSOCIATION OF GOVERNMENTS
RESOLUTION NO. 2019/_____**

In the Matter of:

RESOLUTION ADOPTING the Merced County
Association of Governments 2019 Federal
Transportation Improvement Program (FTIP)
Amendment 2

WHEREAS, the Merced County Association of Governments (MCAG) is a Regional Transportation Planning Agency and a Metropolitan Planning Organization, pursuant to State and Federal designation; and

WHEREAS, federal planning regulations require Metropolitan Planning Organizations to prepare and adopt a long-range Regional Transportation Plan (RTP) for their region; and

WHEREAS, federal planning regulations require that Metropolitan Planning Organizations prepare and adopt a Federal Transportation Improvement Program (FTIP) for their region; and

WHEREAS, the 2019 Federal Transportation Improvement Program (FTIP) Amendment 2 has been prepared to comply with Federal and State requirements for local projects and through a cooperative process between the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the State Department of Transportation (Caltrans), principal elected officials of general purpose local governments and their staffs, and public owner operators of mass transportation services acting through the Merced County Association of Governments forum and general public involvement; and

WHEREAS, the 2019 FTIP Amendment 2 listing is consistent with: 1) the 2018 Regional Transportation Plan; 2) the 2018 State Transportation Improvement Program; and 3) the Corresponding Conformity Analysis; and

WHEREAS, the 2019 FTIP Amendment 2 contains the MPO's certification of the transportation planning process assuring that all federal requirements have been fulfilled; and

WHEREAS, the 2019 FTIP Amendment 2 meets all applicable transportation planning requirements per 23 CFR Part 450; and

WHEREAS, projects submitted in the 2019 FTIP Amendment 2 must be financially constrained and the financial plan affirms that funding is available; and

WHEREAS, the 2019 FTIP Amendment 2 is consistent with the adopted Conformity Analysis for the 2019 FTIP and the 2018 RTP; and

WHEREAS, the 2019 FTIP Amendment 2 does not interfere with the timely implementation of the Transportation Control Measures; and

WHEREAS, the 2019 FTIP Amendment 2 conforms to the applicable SIPs; and

WHEREAS, the documents have been widely circulated and reviewed by MCAG advisory committees representing the technical and management staffs of the member agencies; representatives of other governmental agencies, including State and Federal; representatives of special interest groups; representatives of the private business sector; and residents of Merced County consistent with public participation process adopted by MCAG; and

NOW, THEREFORE, BE IT RESOLVED, that MCAG adopts the 2019 FTIP Amendment 2.

BE IT FURTHER RESOLVED, that MCAG finds that the 2019 FTIP Amendment 2 is in conformity with the requirements of the Federal Clean Air Act Amendments and applicable State Implementation Plans for air quality.

The foregoing resolution was passed and adopted by MCAG this _____, 2019.

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

I hereby certify that the foregoing is a true copy of a resolution of the Merced County Association of Governments duly adopted at a regular meeting thereof held on the _____, 2019.

Signed: Signed:

Stacie Dabbs, Executive Director
Merced County Association of Governments

Chair
Merced County Association of Governments