

DATE: July 1, 2019

TO: Interagency Consultation Partners and Public

FR: Ty Phimmasone, Staff

RE: **Availability of Draft 2019 FTIP Amendment 8 (Type 3) for Interagency Consultation and Public Review**

The Merced County Association of Governments (MCAG) is proposing **Draft Formal Amendment 8** (Type No. 3- Exempt Projects) to the federally-approved 2019 Federal Transportation Improvement Program (2019 FTIP).

The **Draft Formal Amendment 8** is available for public review and comments. The public review and comment period begin on July 1, 2019 and will end on July 12, 2019. The MCAG Governing Board will consider the adoption of **Draft Formal Amendment 8** to the 2019 FTIP by resolution on July 18, 2019.

New conformity determination and new regional emissions analysis are NOT required for **Draft Formal Amendment 8** 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 8** to the 2019 FTIP do not interfere with the timely implementation of any approved Transportation Control Measures (TCMs).

The **Draft Formal Amendment 8** 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: July 1, 2019

TO: Interagency Consultation Partners and Public

FR: Ty Phimmasone, Staff

RE: **Availability of Draft 2019 FTIP Amendment 8 (Type 3) for Interagency Consultation and Public Review**

The Merced County Association of Governments (MCAG) is proposing **Draft Formal Amendment 8** (Type No. 3-Exempt Projects) to the federally-approved 2019 Federal Transportation Improvement Program (2019 FTIP).

The **2019 FTIP Formal Amendment 8** addresses the following programming change:

- **(205-0000-0292): Grouped Projects for Pavement Resurfacing/Rehabilitation on SHS – Highway Maintenance (HM)**: Create grouped projects listing to program the new SR-165 AC Overlay project, EA 1K4201, in FFY 19/20.

Original Grouped Listing Total = \$0; Net Change = \$3,695,000; Net Change % = 100%.

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 8** to the 2019 FTIP. The attachment also includes the CTIPS printout for the project change to the 2019 FTIP via **Draft Formal Amendment 8**. 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 8** 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 8** to the 2019 FTIP, as these projects are Exempt from air quality conformity analysis. In addition, the projects and/or project phases contained in **Draft Formal Amendment 8** 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 July 1, 2019 and will end on July 12, 2019. The documents for **Draft Formal Amendment 8** are posted on the Merced County Association of Governments website (www.mcagov.org) for public access and viewing. The MCAG Governing Board will consider the adoption of **Draft Formal Amendment 8** to the 2019 FTIP by resolution on July 18, 2019. Attachment 3 is the Board Adoption Resolution.
- **Performance Management**: As required by federal law, Attachment 4 addresses Performance Management targets and how investments in the FTIP will contribute towards achieving those transportation performance targets.

The **2019 FTIP Formal Amendment 8** 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 8

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
NEW	205-0000-0292	Grouped Projects for Pavement Resurfacing / Rehabilitation on SHS - Highway Maintenance (HM)	Program new SR-165 AC Overlay project, EA 1K4201, in FFY 19/20.	CON	STP	0	2,921,490	19/20	Highway Maintenance (HM)	\$2,921,490	100%	Grouped Projects for Highway Maintenance (HM): Original Project Total = \$0; Net Change \$ = \$3,695,000; Net Change % = 100%
					State Cash	0	773,510	19/20		\$773,510		

Sum of Net Increases/Decreases by Fiscal Year					=	
	18/19	19/20	20/21	21/22	Totals	\$3,695,000
STP	\$0	\$2,921,490	\$0	\$0	\$2,921,490	←
State Cash	\$0	\$773,510	\$0	\$0	\$773,510	
Total	\$0	\$3,695,000	\$0	\$0	\$3,695,000	

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

DIST: 10	PPNO:	EA:	CTIPS ID: 205-0000-0292	TITLE (DESCRIPTION): Grouped Projects for Pavement Resurf./Rehab. on SHS- Highway Maintenance (State Highway Maintenance (HM) Program. Projects are consistent w- 40 CFR Part 93.126 Exempt Tables 2 & 3 categories - Pavement resurfacing &/or rehabilitation.)	MPO Aprv:
CT PROJECT ID:			MPO ID.: HM-01-19		State Aprv:
COUNTY: Merced County	ROUTE: 165		PM: 30.3 / 36.7		Federal Aprv:
					EPA TABLE II or III EXEMPT CATEGORY Pavement resurfacing and/or rehabilitation.

IMPLEMENTING AGENCY: Caltrans
PROJECT MANAGER:

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	Active	06/19/2019	TPHIMMAS	Amendment - New Project	8	3,695,000		

* Highway Maintenace -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 1 of 2	PE									
* Fund Type: Surface Transportation Program	RW									
* Funding Agency: Caltrans	CON			2,921,000						2,921,000
	Total:			2,921,000						2,921,000

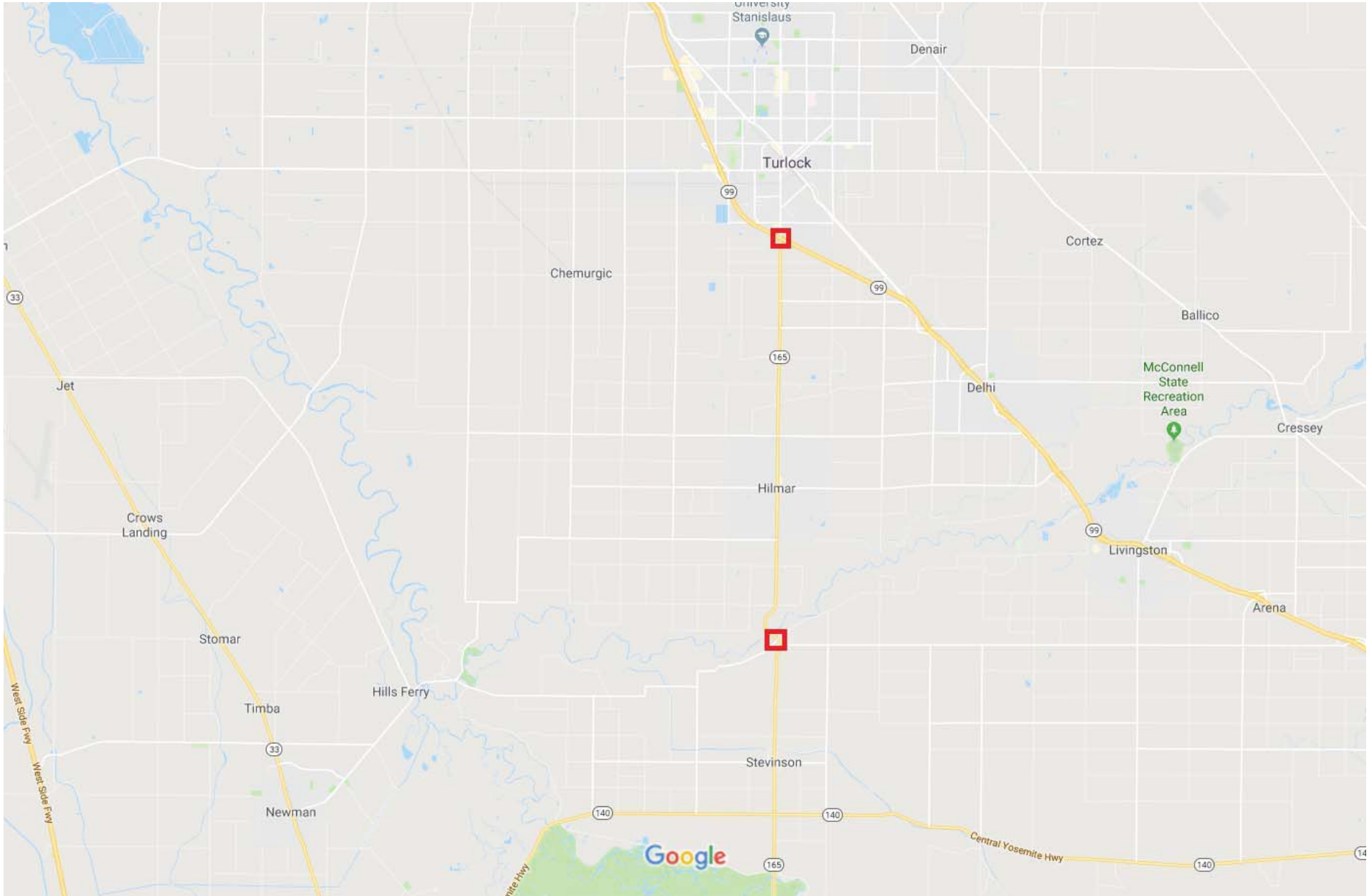
* Highway Maintenace -		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
* Fund Source 2 of 2	PE									
* Fund Type: State Cash	RW									
* Funding Agency: Caltrans	CON			774,000						774,000
	Total:			774,000						774,000

Project Total:		PRIOR	18-19	19-20	20-21	21-22	22-23	23-24	BEYOND	TOTAL
	PE									
	RW									
	CON			3,695,000						3,695,000
	Total:			3,695,000						3,695,000

Comments:

***** Version 1 - 06/18/2019 ***** **2019 FTIP Amend. 8 to program new \$3.695 M AC Overlay on SR-165 project, EA 1K4201, in FFY 19/20.**

NEW



State Highway Maintenance Program (HM) project list for FY 2019/20

Per Abhijit 6/18/2019

Dist.	Agency	EA	Project ID #	MPO	Project Location	Project Description	H			M	N	O	R									
							Total Project Cost	Other/ Local Funds	Funds to be Programmed for PE Support Costs	Funds to be Programmed in R/W Support costs	Funds to be Programmed in CON Support Costs	Latest Estimated CON Capital Value in Contract	CON Capital Federal Share	CON Capital State Share	FTIP Program Year	NHS (Y/N)	Federal Fund Source	Route	Back Post Mile	Ahead Post Mile	FF/\$1 Job	Lane-Miles
									State Funds	State Funds	State Funds											
10	Caltrans	1K4201	1019000103	MCAG	In Merced County in and near Hilmar from River Road to Stanislaus County Line and in Stanislaus County from Merced County Line to Junction 99/165.	Maintenance Asphalt Overlay	\$3,695,000		\$177,000	\$1,000	\$217,000	\$3,300,000	\$2,921,490	\$378,510	2019/20	N	STP	165	30.3	36.7	\$1	13.2

STP = \$2,921,490
 State Cash = \$395,000 + 378,510 = \$773,510

\$395,000
100% State Cash

\$2,921,490	\$378,510
88.53% STP	11.47% State Cash

From: Bagde, Abhijit J@DOT <abhijit.bagde@dot.ca.gov>
Sent: Tuesday, June 18, 2019 1:41 PM
Subject: State Highway Maintenance Program (HM) Update - Request for Programming

Dear MPO FTIP Coordinator,

Attached is the State Highway Maintenance Program (HM) project list for FY 2019/20. Please program these projects in your 2019 FTIP through next amendment/administrative modification.

These projects may be programmed through a grouped project listings in the FTIP. The appropriate grouped project listing for HM projects is "Grouped Projects for Pavement resurfacing and/or rehabilitation on the State Highway System – Highway Maintenance".

Notes:

- The Total Project Cost (Column H of the attached file) includes Construction Capital and all associated support costs.
- Only Construction Capital costs (Column M) are funded with federal funds (STP or NHS).
- Federal share (88.53%) of the Construction Capital cost is listed in Column N, and the corresponding match fund (11.47%) is "State Cash" (Column O). Appropriate federal fund type is listed for each project under "Column R".
- All other phases (PE, RW Support and Construction Support) are funded with 100% "State Cash".

Use the fund types shown below when programming these projects in your FTIP.

- STP
 - Program Category = Highway Maintenance
 - Fund Type = STP
- State Cash
 - Program Category = Highway Maintenance
 - Fund Type = STP

ATTACHMENT 2
UPDATED FINANCIAL PLAN

TABLE 1: REVENUE

Merced County Association of Governments
 2019 Federal Transportation Improvement Program (FTIP)
 Amendment 8
 (\$'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. 7	Current No. 8	Prior No. 7	Current No. 8	Prior No. 7	Current No. 8	Prior No. 7	Current No. 8	
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	\$83,182	\$83,182	\$27,746	\$27,746	\$11,093	\$11,093	\$28,722	\$28,722	\$150,743	
	SHOPP	\$83,182	\$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					\$495	\$495	\$39,450	\$39,450	\$39,945	
	STIP					\$495	\$495	\$39,450	\$39,450	\$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				\$3,695					\$3,695	
Highway Bridge Program (HBP) ¹	\$506	\$506	\$4,731	\$4,731			\$577	\$577	\$5,814		
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 3)	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$7,175	\$28,700		
State Total	\$122,901	\$122,901	\$42,990	\$46,685	\$22,231	\$22,231	\$77,997	\$77,997	\$269,814		
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants	\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$14,028	
	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	\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$17,072		
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)	\$154	\$154	\$417	\$417	\$1,552	\$1,552	\$139	\$139	\$2,262	
	National Highway Freight Program (NHFP)										
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)										
	Railway-Highway Crossings Program	\$5,334	\$5,334							\$5,334	
	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	\$11,836	\$11,836	\$4,083	\$4,083	\$5,825	\$5,825	\$3,747	\$3,747	\$25,491		
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix 6)										
	Federal Railroad Administration Total										
Federal Total	\$16,104	\$16,104	\$8,351	\$8,351	\$10,093	\$10,093	\$8,015	\$8,015	\$42,563		
INNOVATIVE FINANCING	TIFIA (Transportation Infrastructure Finance and Innovation Act)										
	Other (See Appendix 7)										
	Innovative Financing Total										
REVENUE TOTAL	\$173,093	\$173,093	\$85,540	\$89,235	\$66,521	\$66,521	\$120,207	\$120,207	\$449,056		

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 8
(\$'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. 7	Current No. 8	Prior No. 7	Current No. 8	Prior No. 7	Current No. 8	Prior No. 7	Current No. 8	
LOCAL	Local Total		\$4,259	\$4,259	\$4,662	\$4,662	\$4,206	\$4,206	\$4,079	\$4,079	\$17,206
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		\$83,182	\$83,182	\$27,746	\$27,746	\$11,093	\$11,093	\$28,722	\$28,722	\$150,743
	<i>SHOPP</i>		\$83,182	\$83,182	\$27,746	\$27,746	\$11,093	\$11,093	\$28,722	\$28,722	\$150,743
	<i>SHOPP Prior</i>										
	<i>State Minor Program</i>										
	State Transportation Improvement Program (STIP) ¹						\$495	\$495	\$39,450	\$39,450	\$39,945
	<i>STIP</i>						\$495	\$495	\$39,450	\$39,450	\$39,945
	<i>STIP Prior</i>										
	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
	<i>Highway Maintenance (HM) Program ¹</i>					\$3,695					\$3,695
	<i>Highway Bridge Program (HBP) ¹</i>		\$506	\$506	\$4,731	\$4,731			\$577	\$577	\$5,814
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		\$122,901	\$122,901	\$42,990	\$46,685	\$22,231	\$22,231	\$77,997	\$77,997	\$269,814	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants		\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$3,507	\$14,028
	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		\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$4,268	\$17,072
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program		\$3,517	\$3,517	\$3,422	\$3,422	\$3,531	\$3,531	\$3,515	\$3,515	\$13,985
	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)		\$154	\$154	\$417	\$417	\$1,552	\$1,552	\$139	\$139	\$2,262
	National Highway Freight Program (NHFP)										
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)										
	Railway-Highway Crossings Program		\$5,334	\$5,334							\$5,334
	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		\$11,805	\$11,805	\$3,894	\$3,894	\$5,083	\$5,083	\$3,654	\$3,654	\$24,436
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix E)										
	Federal Railroad Administration Total										
	Federal Total		\$16,073	\$16,073	\$8,162	\$8,162	\$9,351	\$9,351	\$7,922	\$7,922	\$41,508
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)										
	Other (See Appendix F)										
	Innovative Financing Total										
PROGRAMMED TOTAL			\$143,233	\$143,233	\$55,814	\$59,509	\$35,788	\$35,788	\$89,998	\$89,998	\$328,528

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 8
 (\$'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	Current	Prior	Current	Prior	Current	Prior	Current	
		No. 7	No. 8	No. 7	No. 8	No. 7	No. 8	No. 7	No. 8	
LOCAL	Local Total	\$14,829	\$14,829	\$14,537	\$14,537	\$14,991	\$14,991	\$15,116	\$15,116	\$59,473
REGIONAL	Tolls									
	<i>Bridge Corridor</i>									
	Regional Sales Tax	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
	Other									
	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									
	<i>SHOPP</i>									
	<i>SHOPP Prior</i>									
	<i>State Minor Program</i>									
	State Transportation Improvement Program (STIP) ¹									
	<i>STIP</i>									
	<i>STIP Prior</i>									
	State Bond									
	<i>Proposition 1A (High Speed Passenger Train Bond Program)</i>									
	<i>Proposition 1E (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)</i>									
	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	\$31	\$31	\$189	\$189	\$78	\$78	\$93	\$93	\$391
	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	\$31	\$31	\$189	\$189	\$742	\$742	\$93	\$93	\$1,055
FEDERAL RAIL	Other Federal Railroad Administration									
	Federal Railroad Administration Total									
	Federal Total	\$31	\$31	\$189	\$189	\$742	\$742	\$93	\$93	\$1,055
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)									
	Other									
	Innovative Financing Total									
REVENUE - PROGRAM TOTAL		\$29,860	\$29,860	\$29,726	\$29,726	\$30,733	\$30,733	\$30,209	\$30,209	\$120,528

ATTACHMENT 3

MCAG BOARD ADOPTION RESOLUTION

**BEFORE THE
MERCED COUNTY ASSOCIATION OF GOVERNMENTS
RESOLUTION NO. 2019/07-18-0#**

In the Matter of:

RESOLUTION ADOPTING the Merced County
Association of Governments 2019 Federal
Transportation Improvement Program (FTIP)
Amendment 8

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 8 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 8 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 8 contains the MPO's certification of the transportation planning process assuring that all federal requirements have been fulfilled; and

WHEREAS, the 2019 FTIP Amendment 8 meets all applicable transportation planning requirements per 23 CFR Part 450; and

WHEREAS, projects submitted in the 2019 FTIP Amendment 8 must be financially constrained and the financial plan affirms that funding is available; and

WHEREAS, the 2019 FTIP Amendment 8 is consistent with the adopted Conformity Analysis for the 2019 FTIP and the 2018 RTP; and

WHEREAS, the 2019 FTIP Amendment 8 does not interfere with the timely implementation of the Transportation Control Measures; and

WHEREAS, the 2019 FTIP Amendment 8 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 8.

BE IT FURTHER RESOLVED, that MCAG finds that the 2019 FTIP Amendment 8 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 18th day of July, 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 18th day of July, 2019.

Signed: Signed:

Stacie Dabbs, Executive Director
Merced County Association of Governments

Chair
Merced County Association of Governments

ATTACHMENT 4

PERFORMANCE MANAGEMENT

The following attachment addresses the following Performance Management groupings:

- **Amendment No. 8 investment towards Performance Measure target;**
- Performance Management 1 (PM1): Safety;
- Performance Management 2 (PM2): Assessing Pavement and Bridge Condition on the National Highway System (NHS);
- Performance Management 3 (PM3): System Performance/Freight/CMAQ; and
- Transit Asset Management (TAM) – Not impacted by this Amendment No. 8 but is available upon request.

MCAG 2019 FTIP Amendment 8

Performance Management

The MCAG 2019 FTIP Amendment 8 shows investment that positively impacts PM2: Pavement Condition on the National Highway System (NHS).

Highway Maintenance (HM) funding is utilized by Caltrans to extend the life of their State Highway System (SHS) through preservation activities and timely repair while their assets are in slightly poor condition.

Amendment 8 programs HM funding, in the amount of \$3,695,000, which Caltrans will use to perform an asphalt overlay on Highway 165 from River Road to Highway 99. This maintenance activity will upgrade the pavement condition from poor to good, and thereby, taking a positive step towards meeting the “statewide” pavement performance target.

Performance Management

The Moving Ahead for Progress in the 21st Century Act (MAP-21) transformed the Federal-aid highway program by establishing new requirements for performance management to promote the most efficient investment of Federal transportation funds. Performance management increases the accountability and transparency of the Federal-aid highway program and provides for a framework to support investments in projects that work towards achievement of transportation performance outcomes for key national transportation goals.

MAP-21 and subsequent federal rulemaking established federal regulations that requires states to develop a Transportation Asset Management Plan (TAMP) and implement Performance Management. These Federal regulations require states to utilize nationally-defined performance measures in setting targets. These Federal regulations also requires Metropolitan Planning Organizations (MPOs) to set their own regional targets or elect to adopt the state targets.

The Federal performance measures are split into three Performance Management (PM) groupings:

- PM1: Safety;
- PM2: Pavement and Bridges on the National Highway System (NHS); and
- PM3: System Performance, Freight, Congestion Mitigation Air Quality (CMAQ).

Performance Management 1 (PM1): Safety

The Moving Ahead for Progress in the 21st Century Act (MAP-21, P.L. 112-141) and subsequent federal rulemaking established five performance measures related to Safety. The measures are:

- Number of fatalities;
- Number of serious injuries;
- Rate of fatalities per 100 million vehicle miles traveled;
- Rate of serious injuries per 100 million vehicle miles traveled; and
- Number of non-motorized fatalities and serious injuries.

Federal regulations required Caltrans to establish and report annual targets related to each of these five performance measures by August 31 of each year. For each performance measure, Metropolitan Planning Organizations (MPO's) shall establish a target within six months after Caltrans establishes targets (February 27) by either: 1) Agreeing to support the statewide safety target for that performance measures; or 2) Establishing a quantifiable target for that performance measure for their metropolitan planning area. Annual targets will be expressed as five-year rolling averages of the five consecutive calendar years ending in the year for which the targets are established.

State and Regional Targets

On August 31, 2017, Caltrans had set the 2018 PM1 safety targets. In the 2018 RTP and 2019 FTIP, MCAG applied the statewide percentage reduction targets to the regional averages to set the Merced Region 2018 safety targets.

On August 31, 2018, Caltrans had established the 2019 PM1 safety targets. On February 27, 2019, MCAG submitted the 2019 MPO PM1 Target Report, which indicated our region's support of the 2019 Caltrans statewide safety performance management targets (SPMT's).

Regional Investments to Support Performance Targets

The 2019 FTIP reflects investments that help progress toward achieving the transportation performance measures established pursuant to 23 CFR 450.306(D). It is anticipated that the State and local projects included in the 2019 FTIP will assist in meeting these performance measures by providing investments in projects that will contribute to accomplishing the safety performance targets for the residents of Merced County across all modes of transportation. The following projects are expected to initialize or construct in 2019.

The State projects contributing to improved safety conditions are identified in the SHOPP.

- Caltrans has recently awarded the construction contract for the Highway 59 and Olive Ave/Santa Fe Drive Traffic Signal Improvements with funds fully programmed in the SHOPP. This project will reduce the number and severity of rear-end and broadside collisions at the intersection. Construction is expected to be complete in late 2019.
- Caltrans is funding the construction of deceleration lanes for northbound and southbound off-ramps at Applegate Road as a component of a Highway 99 pavement rehabilitation project. Caltrans hopes to Ready to List (RTL) in 2019. In the past two years, there have been two major big rig accidents due to the off-ramp conditions.

Caltrans has also obtained Federal Section 130 / Railway-Highway Crossing funds for safety improvements at two at-grade crossing locations in Merced County:

- In the Community of Winton at Winton Way and BNSF tracks.
- In Northwest Winton Community at Olive Avenue and BNSF tracks.

The local projects, which contribute to improved safety conditions, include a current HSIP project.

- Merced County will enhance pedestrian crosswalks at various unsignalized intersections near school areas in several communities. This project includes installing advanced warning road signs, high-visibility crosswalk marking patterns, advanced yield lines, rectangular rapid flashing beacons, and ADA curb ramps.

There are local, CMAQ-funded projects, which indirectly contribute to improved safety conditions, and they are:

- Right-turn channelization on Southbound Highway 59 towards 16th Street in Merced;
- Signalization of the very congested intersection of Highway 59 and 16th Street in Merced;
- Roundabout at the intersection of Main Street and B Street in Livingston.

There are local, pedestrian improvement projects, which includes new sidewalks and ADA ramps, that will improve the safety for non-motorists. These include:

- Construct pedestrian improvements in older neighborhoods in Western Atwater;
- Construct pedestrian improvements nearby Mitchell Elementary and Middle Schools in Atwater;
- Construct pedestrian improvements on Valeria Street in Dos Palos;
- Construct a multiuse path along Meredith Avenue in Gustine; and
- Construct pedestrian improvements in various locations in Merced.

Performance Management 2 (PM2): Assessing Pavement and Bridge Condition on the National Highway System (NHS)

The Bridge and Pavement Performance Management (PM2) Final Federal Rule established performance measures related to the performance of the Interstate and non-Interstate NHS for the purpose of carrying out the National Highway Performance Program (NHPP); to assess pavement and bridge condition. The six specific performance measures are:

Pavement Performance of the NHS

- Percentage of Interstate NHS pavements in Good condition;
- Percentage of Interstate NHS pavements in Poor condition;
- Percentage of non-Interstate NHS pavements in Good condition; and
- Percentage of non-Interstate NHS pavements in Poor condition.

Bridge Performance of the NHS

- Percentage of NHS bridges in Good condition; and
- Percentage of NHS bridges in Poor condition.

State and Regional Targets

Federal regulations required Caltrans to establish 2- and 4-year pavement and bridge targets by May 20, 2018. Federal regulations allowed MPO's to either support the Caltrans targets or adopt their own by November 16, 2018.

MCAG had elected to adopt the "statewide" pavement and bridge targets and had submitted the PM2 Target Reporting Form for the Merced Region on September 25, 2018.

The following Caltrans tables indicate the conditions of the Merced Region's pavement and bridges.

Pavement Inventory & Conditions		Lane Miles			Percentage		
Non-Interstate NHS	Lane Miles	Good	Fair	Poor	Good	Fair	Poor
State	22,490	9,787	12,137	566	43.52%	53.97%	2.52%
Other	54	9	44	1	16.67%	81.48%	1.85%
Local	19,373	882	16,061	2,430	4.55%	82.90%	12.54%
Total	41,917	10,678	28,242	2,997	25.47%	67.38%	7.15%
Local: Merced (MCAG)	87	2	72	13	2.30%	82.76%	14.94%

MCAG only makes up 0.2% (87/41,917) of the total Non-Interstate NHS pavement miles.

Bridges Inventory & Conditions			Bridge Count			Deck Area (SF)			Percentage		
Region	Number	Deck Area	Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor
State	9,196	210,774,774	6,775	2,137	284	146,271,637	56,760,097	7,743,040	69.40%	26.93%	3.67%
Local	1,629	23,511,109	931	544	54	9,586,733	10,449,077	3,475,299	40.78%	44.44%	14.78%
Total	10,825	234,285,883	7,706	2,681	338	155,858,370	67,209,174	11,218,339	66.52%	28.69%	4.79%
Local: Merced (MCAG)	10	52,958	4	5	1	17,653	34,412	893	33.33%	64.98%	1.69%

MCAG's bridge deck area account for 0.02% (52,958/234,285,883) of the total deck area for NHS bridges.

MCAG had mapped out these local, National Highway System (NHS) pavement and bridges.
Regional Investments to Support Performance Targets

The rehabilitation of Highway 99, from Merced to Atwater, is being funded with Caltrans SHOPP. As shown on the maps, the condition for Highway 99 is mostly fair or poor. Once these projects are implemented, the condition for the entire stretch will be rated as good.

- Highway 99 Atwater Rehabilitation and Off-Ramp Improvements (extending auxiliary [turn] lanes and flattening turn radii): Caltrans plans to reconstruct Highway 99, from the Atwater-Merced Expressway Interchange to just north of Atwater, with 40-year life continuous reinforced concrete pavement (CRCP). The project also includes safety improvements: adding highway exit lanes for the Applegate Road Exit; and flattening out the turning radii for the actual off ramps. Caltrans is still working on design and acquiring needed properties for the additional highway exit lanes and drainage basins. The project is expected to go to construction in late Spring 2020.
- Highway 99 Merced Rehabilitation: Caltrans plans to reconstruct Highway 99, from Mission Avenue Interchange to the Atwater-Merced Expressway Interchange, with 40-year life CRCP. Caltrans is working on design. The project is expected to go to construction in Spring 2021.

Currently, maintenance and rehabilitation of the Merced Region's local NHS pavement and bridges are not being funded with federal revenue sources so are not programmed in the FTIP. The Merced Region is using SB 1 Local Streets and Roads and regional sales tax (Measure V) monies to fund these projects. In late 2018, the Merced Region has a PAVER pavement management system, which aids jurisdictions with their pavement maintenance and rehabilitation funding decisions.

- Atwater will be reconstructing Winton Parkway from Broadway Avenue to Bellevue Road. On the map, the condition is currently poor. Once reconstructed, Winton Parkway will be rated as good.

Performance Management 3 (PM3): System Performance/Freight/CMAQ

The Final Federal Rule established PM3 performance measures related to the performance of the Interstate and non-Interstate NHS for the purpose of carrying out the National Highway Performance Program (NHPP), the National Highway Freight Program (NHFP), and the Congestion Mitigation and Air Quality (CMAQ) Program. The four specific performance measures are:

NHPP System Performance

- Percentage of reliable person-miles traveled on the Interstate; and
- Percentage of reliable person-miles traveled on the non-Interstate NHS.

NHFP Freight Performance

- Percentage of Interstate system mileage providing reliable truck travel time (Truck Travel Time Reliability Index).

CMAQ Performance

- Total emission reductions by applicable pollutants under the CMAQ program.

State and Regional Targets

Federal regulations required Caltrans to establish PM3 annual targets by May 20, 2018. Federal regulations allowed MPO's to either support the Caltrans targets or adopt their own by November 16, 2018.

MCAG had elected to adopt the "statewide" PM3 targets and had submitted the PM3 Target Reporting Form for the Merced Region on November 13, 2018.

Regional Investments to Support Performance Targets

In order to improve system and freight performance, Caltrans and MCAG have financially partnered to fund the construction of the Highway 99 Livingston Widening Northbound Project. In the 2018 State Transportation Improvement Program (STIP), there are Caltrans Interregional Improvement Program (IIP) funds programmed in Fiscal Year 2021/22 for construction of the Highway 99 Livingston Widening Southbound Project.

- Highway 99 Livingston Widening Northbound: Caltrans will be widening northbound Highway 99, from south of Livingston to the Merced/Stanislaus County Line, to three lanes. This project is being funded by a combination of revenue sources: SB 1 Trade Corridor Enhancement Program; State Route 99 Bond; and MCAG's Regional Improvement Program (RIP). The California Transportation Commission (CTC) has approved Caltrans' allocation request for construction funding at their March 14, 2019 meeting. This project could begin construction this Fall.
- Highway 99 Livingston Widening Southbound: Caltrans plans to widen southbound Highway 99, from the Merced/Stanislaus County Line to south of Livingston, to three lanes. Hopefully, this construction funding commitment in FY 2021/22 will carry over into the 2020 STIP, so that Caltrans may request construction allocation when the time comes.

There are also local projects on the State Highway System that are progressing towards construction and that will improve system and freight performance.

- Gustine Highway 140/33 Roundabout: The City of Gustine plans to construct a roundabout on Highway 140/33 at the intersection of 4th Street and 6th Avenue. The City of Gustine is working with Caltrans on finalizing the project design and is acquiring the needed properties. The project is being funded with MCAG's CMAQ, Measure V Regional, and Gustine's local funds. These construction funds are programmed in FY 2019/20.

- Merced Highway 59/16th Intersection Signalization and S/B Turn Lane: The City of Merced is working with Caltrans and the Union Pacific Railroad on finalizing the project design. Once the final design is approved, the City could move forward with advertising the project for construction. The project is being funded with MCAG's CMAQ and Merced's local funds. This project may progress to construction in FY 2019/20.

Per the federal CMAQ program guidance, projects must result in emission reductions of criteria pollutants in air quality nonattainment and maintenance areas. The Merced Region is a nonattainment area for ozone and PM2.5, and is a maintenance area for PM10. As annually reported in FHWA's CMAQ Public Access System, all of the region's CMAQ projects demonstrate criteria pollutant reductions. These regional emission reductions support the statewide CMAQ performance targets.

The 2019 FTIP contains \$13,984,844 of CMAQ programming:

- Pedestrian and bicycle facilities: \$7,032,427;
- Traffic flow improvements: \$3,111,476;
- Diesel equipment replacements: \$885,545;
- Rideshare and vanpooling programs: \$640,000;
- Public outreach, marketing and education for transit bus services: \$630,000; and
- PM10 dirt paving projects: \$1,685,396.