

TIP Revision Summary 2017-19

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
System: Local Road					
ALA090027	Port of Oakland	7th St Grade Separation and Port Arterial Improvem	Update the funding plan to add \$278M in RTP-LRP funds	\$277,968,000	117.3%
CC-130023	Danville	Danville Various Streets and Roads Preservation	Update the project scope to include El Cerro Blvd from La Gonda Way to just east of the El Cerro Bridge and update the funding plan to reprogram CON from FY18 to FY17 and add \$852K in CON Local funds	\$851,800	80.7%
CC-130047	Richmond	37th Street Bicycle & Pedestrian Improvements	Update the project description to extend the southern limit of the road diet portion of the project from Chanslor to Center	\$0	0.0%
MRN170016	San Rafael	Francisco Blvd West Multi-Use Pathway	Amend a new exempt project into the TIP with \$962K in Other Local and \$288K in Sales Tax funds	\$1,250,000	~%
REG170011	Metropolitan Transportation Commission (MTC)	Innovative Deployments to Enhance Arterials: Cat 2	Amend a new non-exempt, not regionally significant project to the TIP with \$5M in OBAG2-STP and \$650K Other Local funds	\$5,650,000	~%
REG170012	Metropolitan Transportation Commission (MTC)	Shared Use Mobility	Amend a new non-exempt, not regionally significant project into the TIP with \$2.5M in OBAG2-STP funds. Toll credits will be used in lieu of match for federal funds	\$2,500,000	~%
REG170015	Metropolitan Transportation Commission (MTC)	Innovative Deployments to Enhance Arterials: Cat 1	Amend a new non-exempt, not regionally-significant project into the TIP with \$4M OBAG2-STP, \$4M in OBAG2-CMAQ, and \$1M in Other Local funds	\$9,037,000	~%
System: Public Lands/Trails					
CC-130024	El Cerrito	Ohlone Greenway Station Area Bike/Ped Improvements	Update the project description to remove surveillance system improvements	\$0	0.0%
System: Regional					
ALA170057	Metropolitan Transportation Commission (MTC)	I-880 Integrated Corridor Management - Central	Amend a new exempt project into the TIP with \$8.84M in OBAG2-CMAQ funds. Toll credits will be used in lieu of match for federal funds	\$8,840,000	~%
REG170004	Metropolitan Transportation Commission (MTC)	Bay Bridge Forward - Commuter Parking Initiative	Update the funding plan to add \$4.6M in Other Local and \$121K in RM-2 funds, and revise amounts between years and phases	\$4,738,000	84.8%
REG170013	Metropolitan Transportation Commission (MTC)	511 Next Gen	Amend a new exempt project into the TIP with \$27M in OBAG-STP. Toll credits will be used in lieu of match for federal funds	\$26,852,000	~%
REG170014	Metropolitan Transportation Commission (MTC)	Active Operations Management	Amend a new exempt project into the TIP with \$23.7M in OBAG2-STP funds. Toll credits will be used in lieu of match for federal funds	\$23,737,000	~%
REG170016	Metropolitan Transportation Commission (MTC)	Regional Planning - PDA Implementation	Amend a new exempt project into the TIP with \$8M in OBAG2-STP funds and \$1M in Local funds	\$9,092,963	~%
System: State Highway					

**TIP Revision Summary
2017-19**

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
ALA170009	Alameda County Transportation Commission (ACTC)	Widen I-680 NB and SB for EL from SR-84 to Alcosta	Update the funding plan to change the source for \$17.5M from RTP-LRP to Sales Tax, remove \$53M in RTP-LRP, and reprogram funds between years and phases	-\$53,000,000	-16.5%
CC-170023	Metropolitan Transportation Commission (MTC)	Freeway Performance Program: I-680 Corridor	Amend a new non-exempt project into the TIP with \$1.5M in OBAG2-STP and \$6.5M in OBAG2-CMAQ. Toll credits will be used in lieu of match for federal funds	\$8,000,000	~%
REG170002	Metropolitan Transportation Commission (MTC)	Transportation Management Systems	Update the funding plan to add \$16.1M in OBAG2-STP. Toll credits will be used in lieu of match for these funds; and revise the project description to clarify the scope	\$16,090,000	536.3%
REG170007	Metropolitan Transportation Commission (MTC)	Incident Management Program	Update the funding plan to add \$4.16M in OBAG2-STP and reprogram \$517K in CON STP from FY18 to FY17 to match obligation. Toll credits will be used in lieu of match for new OBAG2 funds	\$4,160,000	804.6%
SM-170011	San Mateo (City)	US 101/Peninsula Avenue Interchange Improvements	Amend a new non-exempt project into the TIP with \$2.5M in Sales Tax, \$1.9M in Other Local and \$84.6M in RTP-LRP funds	\$89,000,000	~%
SOL090015	Solano County	Redwood-Fairgrounds Dr Interchange Imps	Update the project description to include the addition of bike lanes and bus stop improvements and update the funding plan to add \$94K in OBAG1-CMAQ and remove \$10K in Local funds for PE FY17	\$84,803	0.1%
VAR170004	Caltrans	GL: Pavement Resurfacing/Rehab SHS - Highway Maint	Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$15M in Highway Maintenance funding	\$15,150,000	100.6%
VAR170006	Caltrans	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$85.6M in SHOPP funds	\$85,598,000	13.8%
VAR170007	Caltrans	GL: Safety Imprv. - SHOPP Collision Reduction	Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$39.8M in SHOPP funds	\$39,803,000	8.7%
VAR170008	Caltrans	GL: Emergency Repair - SHOPP Emergency Response	Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$246.6M in SHOPP funds	\$246,625,000	143.8%
VAR170010	Caltrans	GL: Bridge Rehab and Reconstruction - SHOPP	Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$35M in SHOPP funds	\$34,992,000	10.6%
VAR170015	Caltrans	GL: Pvmt Resurf/Rehab State Hwy Sys - SHOPP Minor	Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$5.17M in SHOPP funds	\$5,170,000	72.7%
VAR170021	Metropolitan Transportation Commission (MTC)	Freeway Performance Program: I-880 Corridor	Amend a new non-exempt project to the TIP with \$3M in OBAG2-STP funds. Toll credits will be used in lieu of match for federal funds	\$3,000,000	~%
VAR170023	Metropolitan Transportation Commission (MTC)	Freeway Performance Program: SR-84	Amend a new non-exempt project to the TIP with \$5M in OBAG2-STP. Toll credits will be used in lieu of match for federal funds	\$5,000,000	~%
System: Transit					
REG110030	Caltrain	Caltrain Positive Train Control System	Update the funding plan to add \$21.7M in FRA/FTA PTC Implementation grant funding and \$5.4M in Local funds	\$27,100,000	11.7%
REG170017	Bay Area Rapid Transit District (BART)	BART Transbay Core Capacity Improvements	Amend a new non-exempt project into the TIP with \$179M in operating funds, \$640M in Local funds, \$112M in Sales Tax and \$2.6B in RTP-LRP	\$3,510,700,000	~%

**TIP Revision Summary
2017-19**

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SON030012	Santa Rosa City Bus	Santa Rosa City Bus: Transit Enhancements	Update the project scope to include technology improvements and update the funding plan to add \$411K in TPI-CMAQ funds and \$53K in TDA funds	\$464,250	96.6%
VAR170017	Caltrans	GL: Railroad-Highway Crossing	Update the funding plan and back-up listing to reflect the latest information from Caltrans, including the addition of \$3.8M in Section 130 funds	\$3,769,875	57.4%
Total Funding Change:				\$4,412,223,691	

TIP Revision Summary

	Federal	State	Regional	Local	Total	2017 TIP Only
Current:	\$66,321,372	\$1,711,773,000	\$1,090,000	\$727,145,283	\$2,506,329,655	\$1,653,749,334
Proposed:	\$211,505,677	\$2,139,111,000	\$1,211,000	\$4,566,725,669	\$6,918,553,346	\$3,183,248,025
Delta:	\$145,184,305	\$427,338,000	\$121,000	\$3,839,580,386	\$4,412,223,691	\$1,529,498,691

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: ALA090027 **Revision:** 2017-19 **Version:** 8 **Status:** PROPOSED **CTIPS ID:** 20600004413
Sponsoring Agency: Port of Oakland **Implementing Agency:** ACTC
Trans. System: LOCAL ROAD **Mode:** FREIGHT:94% | BIKE/PED:6% **Project Type:** OTHER **Purpose:** EXPANSION
Project Name: 7th St Grade Separation and Port Arterial Improvem **Hwy Rte:**
Proj Description: In Oakland: (1) 7th Street Grade Separation project; (2) Middle Harbor Road Improvements project; and (3) Intelligent Transportation Systems and Technology (ITST) Master Plan
Revision Reason: Update the funding plan to add \$278M in RTP-LRP funds
Primary RTP ID: 17-01-0015 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** AA
RTP Description:
AQCTF Review: Review Pending
AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
ENV	LOCAL GEN FUND	-	-	-	-	-	-	-	-
PSE	LOCAL GEN FUND	-	-	-	-	-	-	-	-
PSE	RTP-LRP	23,000,000	-	-	-	-	-	23,000,000	-
PSE	SALESTAX-MEASURE	18,000,000	-	18,000,000	-	-	-	-	-
PE	LOCAL GEN FUND	-	-	-	-	-	-	-	-
PE	SALESTAX-MEASURE	15,000,000	-	15,000,000	-	-	-	-	-
ROW	LOCAL GEN FUND	1,000,000	-	1,000,000	-	-	-	-	-
ROW	RTP-LRP	25,000,000	-	-	-	-	-	25,000,000	-
CON	LOCAL GEN FUND	2,000,000	-	-	2,000,000	-	-	-	-
CON	PROP-1B	-	-	-	-	-	-	-	-
CON	RTP-LRP	431,000,000	-	-	-	-	-	431,000,000	-
CON	SALESTAX-MEASURE	-	-	-	-	-	-	-	-
Total Funding		515,000,000	-	34,000,000	2,000,000	-	-	479,000,000	-

CURRENT

TIP ID: ALA090027 **Revision:** 2017-00 **Version:** 7 **Status:** ACTIVE **CTIPS ID:** 20600004413
Sponsoring Agency: Port of Oakland **Implementing Agency:** ACTC
Trans. System: LOCAL ROAD **Mode:** FREIGHT:94% | BIKE/PED:6% **Project Type:** OTHER **Purpose:** EXPANSION
Project Name: 7th St Grade Separation and Port Arterial Improvem **Hwy Rte:**
Proj Description: In Oakland: (1) 7th Street Grade Separation project; (2) Middle Harbor Road Improvements project; and (3) Intelligent Transportation Systems and Technology (ITST) Master Plan
Revision Reason: 2017 TIP Update - Update project name and description to change the scope. Update funding plan to change the source for \$33M from Local to Sales Tax and \$3.5M from Local to RTP-LRP, add \$16.5M in RTP-LRP and reprogram funds between years and phases
Primary RTP ID: 22082 **Sec. RTP ID:** **RTP Cycle:** Plan Bay Area **RTP Cost:** \$332 **Review:** AA
RTP Description: Implement Outer Harbor Intermodal Terminals project (includes 7th Street grade separation and roadway improvements)
AQCTF Review: Review Pending
AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
ENV	LOCAL GEN FUND	-	-	-	-	-	-	-	-
PSE	LOCAL GEN FUND	-	-	-	-	-	-	-	-
PSE	SALESTAX-MEASURE	18,000,000	-	18,000,000	-	-	-	-	-
PE	LOCAL GEN FUND	-	-	-	-	-	-	-	-
PE	SALESTAX-MEASURE	15,000,000	-	15,000,000	-	-	-	-	-
ROW	LOCAL GEN FUND	1,000,000	-	1,000,000	-	-	-	-	-
CON	LOCAL GEN FUND	2,000,000	-	-	2,000,000	-	-	-	-
CON	PROP-1B	-	-	-	-	-	-	-	-
CON	RTP-LRP	201,032,000	-	-	-	-	-	201,032,000	-
CON	SALESTAX-MEASURE	-	-	-	-	-	-	-	-
Total Funding		237,032,000	-	34,000,000	2,000,000	-	-	201,032,000	-

End of Project ALA090027

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: ALA170009 Revision: 2017-19 Version: 3 Status: PROPOSED CTIPS ID: 20600006099

Sponsoring Agency: ACTC Implementing Agency: ACTC

Trans. System: STATE HWY Mode: AUTO:100% Project Type: HOV Purpose: EXPANSION

Project Name: Widen I-680 NB and SB for EL from SR-84 to Alcosta Hwy Rte:

Proj Description: Alameda County: Northbound I-680 from Route 84 to Alcosta Boulevard: Widen for express lanes

Revision Reason: Update the funding plan to change the source for \$17.5M from RTP-LRP to Sales Tax, remove \$53M in RTP-LRP, and reprogram funds between years and phases

Primary RTP ID: 17-10-0058 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	RTP-LRP	4,000,000	-	-	-	-	-	4,000,000	-
PE	SALESTAX-MEASURE	17,500,000	-	-	4,000,000	-	13,500,000	-	-
ROW	RTP-LRP	5,000,000	-	-	-	-	-	5,000,000	-
ROW	SALESTAX-MEASURE	1,500,000	-	-	-	-	1,500,000	-	-
CON	RTP-LRP	241,000,000	-	-	-	-	-	241,000,000	-
Total Funding		269,000,000	-	-	4,000,000	-	15,000,000	250,000,000	-

CURRENT

TIP ID: ALA170009 Revision: 2017-14 Version: 2 Status: ACTIVE CTIPS ID: 20600006099

Sponsoring Agency: ACTC Implementing Agency: ACTC

Trans. System: STATE HWY Mode: AUTO:100% Project Type: HOV Purpose: EXPANSION

Project Name: Widen I-680 NB and SB for EL from SR-84 to Alcosta Hwy Rte:

Proj Description: Alameda County: Northbound I-680 from Route 84 to Alcosta Boulevard: Widen for express lanes

Revision Reason: Update the funding plan to reprogram \$1.5M in PE Local from 2018 to 2019, update the project description and update the RTP reference to reflect Plan Bay Area 2040

Primary RTP ID: 17-10-0058 Sec. RTP ID: RTP Cycle: PLANBAYAREA2040 RTP Cost: Review: PR

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	RTP-LRP	40,000,000	-	-	-	-	-	40,000,000	-
PE	SALESTAX-MEASURE	1,500,000	-	-	-	1,500,000	-	-	-
ROW	RTP-LRP	5,000,000	-	-	-	-	-	5,000,000	-
CON	RTP-LRP	275,500,000	-	-	-	-	-	275,500,000	-
Total Funding		322,000,000	-	-	-	1,500,000	-	320,500,000	-

End of Project ALA170009

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: ALA170057 **Revision:** 2017-19 **Version:** 1 **Status:** PROPOSED **CTIPS ID:**

Sponsoring Agency: MTC **Implementing Agency:** MTC

Trans. System: REGION **Mode:**AUTO:100% **Project Type:** OTHER **Purpose:** SYSTMGMT

Project Name: I-880 Integrated Corridor Management - Central **Hwy Rte:** 880

Proj Description: Alameda County: I-880 from Davis Street in San Leandro to Whipple Road in Union City: Identify how existing and planned incident management strategies and operations can be better coordinated and integrated across networks and jurisdictional boundaries

Revision Reason: Amend a new exempt project into the TIP with \$8.84M in OBAG2-CMAQ funds. Toll credits will be used in lieu of match for federal funds

Primary RTP ID: 17-10-0031 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** PR
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	CMAQ-T5	1,142,000	-	-	-	1,142,000	-	-	130,987
CON	CMAQ-T5	7,698,000	-	-	-	-	7,698,000	-	882,961
Total Funding		8,840,000	-	-	-	1,142,000	7,698,000	-	1,013,948

End of Project ALA170057

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: CC-130023 Revision: 2017-19 Version: 6 Status: PROPOSED CTIPS ID: 20600005684

Sponsoring Agency: Danville Implementing Agency: Danville
 Trans. System: LOCAL ROAD Mode: AUTO:100% Project Type: MAJOR ARTERIAL Purpose: MAINT/REHAB
 Project Name: Danville Various Streets and Roads Preservation Hwy Rte:
 Proj Description: Danville: Sycamore Valley Road from Camino Ramon to San Ramon Valley Boulevard including the bus loop within the adjoining Park-and-Ride Lot, and El Cerro Boulevard from El Pintado Road to just east of El Cerro Bridge: Pavement Rehabilitation
 Revision Reason: Update the project scope to include El Cerro Blvd from La Gonda Way to just east of the El Cerro Bridge and update the funding plan to reprogram CON from FY18 to FY17 and add \$852K in CON Local funds
 Primary RTP ID: 17-10-0022 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
 040
 RTP Description:
 AQCTF Review: Reviewed
 AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	LOCAL GEN FUND	19,000	19,000	-	-	-	-	-	-
PE	STP-T4	140,000	140,000	-	-	-	-	-	-
CON	LOCAL GEN FUND	954,800	-	954,800	-	-	-	-	-
CON	STP-T4	793,000	-	793,000	-	-	-	-	-
Total Funding		1,906,800	159,000	1,747,800	-	-	-	-	-

CURRENT

TIP ID: CC-130023 Revision: 2017-01 Version: 5 Status: ACTIVE CTIPS ID: 20600005684

Sponsoring Agency: Danville Implementing Agency: Danville
 Trans. System: LOCAL ROAD Mode: AUTO:100% Project Type: MAJOR ARTERIAL Purpose: MAINT/REHAB
 Project Name: Danville Various Streets and Roads Preservation Hwy Rte:
 Proj Description: Danville: Sycamore Valley Road from Camino Ramon to San Ramon Valley Boulevard including the bus loop within the adjoining Park-and-Ride Lot, and El Cerro Boulevard from El Pintado Road to La Gonda Way: Pavement Rehabilitation
 Revision Reason: Update the funding plan to reprogram \$793K in CON STP and \$103K in CON Local funds from FY17 to FY18
 Primary RTP ID: 240744 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$10,097 Review: AA
 RTP Description: One Bay Area Grant (OBAG) - net of funds not assigned to county priorities
 AQCTF Review: Reviewed
 AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	LOCAL GEN FUND	19,000	19,000	-	-	-	-	-	-
PE	STP-T4	140,000	140,000	-	-	-	-	-	-
CON	LOCAL GEN FUND	103,000	-	-	103,000	-	-	-	-
CON	STP-T4	793,000	-	-	793,000	-	-	-	-
Total Funding		1,055,000	159,000	-	896,000	-	-	-	-

End of Project CC-130023

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: CC-130024 **Revision:** 2017-19 **Version:** 6 **Status:** PROPOSED **CTIPS ID:** 20600005641

Sponsoring Agency: El Cerrito **Implementing Agency:** El Cerrito

Trans. System: PUBLICLANDTRAIL **Mode:**BIKE/PED:100% **Project Type:** MULTI-USE TRAIL **Purpose:** EXPANSION

Project Name: Ohlone Greenway Station Area Bike/Ped Improvements **Hwy Rte:**

Proj Description: El Cerrito: On Ohlone Greenway at El Cerrito del Norte & Plaza BART Stations & at intersections of Hill, Cutting, Central & Fairmount, widen path & improve ped & bike facilities.

Revision Reason: Update the project description to remove surveillance system improvements

Primary RTP ID: 17-02-0003 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** AA

RTP Description:

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	CMAQ-T4	428,735	428,735	-	-	-	-	-	-
PE	LOCAL GEN FUND	57,000	57,000	-	-	-	-	-	-
CON	CMAQ-T4	3,039,265	3,039,265	-	-	-	-	-	-
CON	LOCAL GEN FUND	394,000	394,000	-	-	-	-	-	-
Total Funding		3,919,000	3,919,000	-	-	-	-	-	-

CURRENT

TIP ID: CC-130024 **Revision:** 2017-00 **Version:** 5 **Status:** ACTIVE **CTIPS ID:** 20600005641

Sponsoring Agency: El Cerrito **Implementing Agency:** El Cerrito

Trans. System: PUBLICLANDTRAIL **Mode:**BIKE/PED:100% **Project Type:** MULTI-USE TRAIL **Purpose:** EXPANSION

Project Name: Ohlone Greenway Station Area Bike/Ped Improvements **Hwy Rte:**

Proj Description: El Cerrito: On Ohlone Greenway at El Cerrito del Norte & Plaza BART Stations & at intersections of Hill, Cutting, Central & Fairmount, widen path & improve ped & bike facilities; at three nodes along length of Greenway, expand existing surveillance system

Revision Reason: 2017 TIP Update - Retain this project in the TIP for informational purposes as it is ongoing

Primary RTP ID: 240744 **Sec. RTP ID:** **RTP Cycle:** Plan Bay Area **RTP Cost:** \$10,097 **Review:** AA

RTP Description: One Bay Area Grant (OBAG) - net of funds not assigned to county priorities

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	CMAQ-T4	428,735	428,735	-	-	-	-	-	-
PE	LOCAL GEN FUND	57,000	57,000	-	-	-	-	-	-
CON	CMAQ-T4	3,039,265	3,039,265	-	-	-	-	-	-
CON	LOCAL GEN FUND	394,000	394,000	-	-	-	-	-	-
Total Funding		3,919,000	3,919,000	-	-	-	-	-	-

End of Project CC-130024

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: CC-130047 **Revision:** 2017-19 **Version:** 7 **Status:** PROPOSED **CTIPS ID:** 20600005812

Sponsoring Agency: Richmond **Implementing Agency:** Richmond

Trans. System: LOCAL ROAD **Mode:**BIKE/PED:100% **Project Type:** COLLECTOR **Purpose:** EXPANSION

Project Name: 37th Street Bicycle & Pedestrian Improvements **Hwy Rte:**

Proj Description: Richmond: On 37th St from Cerritto Ave to Center Ave: Install bike lanes and pedestrian countdown heads and upgrade traffic signals; On 37th from Barrett to Center: Implement road diet with one lane each direction, center turn lane and bike lanes

Revision Reason: Update the project description to extend the southern limit of the road diet portion of the project from Chanslor to Center

Primary RTP ID: 17-02-0004 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** PR

RTP Description:

AQCTF Review: Reviewed

AQ Description: NON-EXEMPT - Not Regionally Significant Project

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	LOCAL GEN FUND	39,000	39,000	-	-	-	-	-	-
ROW	LOCAL GEN FUND	5,000	5,000	-	-	-	-	-	-
CON	HSIP-T4	286,600	-	286,600	-	-	-	-	-
CON	LOCAL GEN FUND	38,000	-	38,000	-	-	-	-	-
Total Funding		368,600	44,000	324,600	-	-	-	-	-

CURRENT

TIP ID: CC-130047 **Revision:** 2017-06 **Version:** 6 **Status:** ACTIVE **CTIPS ID:** 20600005812

Sponsoring Agency: Richmond **Implementing Agency:** Richmond

Trans. System: LOCAL ROAD **Mode:**BIKE/PED:100% **Project Type:** COLLECTOR **Purpose:** EXPANSION

Project Name: 37th Street Bicycle & Pedestrian Improvements **Hwy Rte:**

Proj Description: Richmond: On 37th St from Cerritto Ave to Center Ave: Install bike lanes and pedestrian countdown heads and upgrade traffic signals; On 37th from Barrett to Chanslor: Implement road diet with one lane each direction, center turn lane and bike lanes

Revision Reason: Update the funding plan to reprogram \$287K in CON HSIP and \$38K in CON Local from FY16 to FY17 to match planned obligation and remove \$32K in FY16 CON HSIP to match the latest information from Caltrans

Primary RTP ID: 240746 **Sec. RTP ID:** **RTP Cycle:** Plan Bay Area **RTP Cost:** \$101 **Review:** PR

RTP Description: Highway Safety Improvement Program (HSIP)

AQCTF Review: Reviewed

AQ Description: NON-EXEMPT - Not Regionally Significant Project

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	LOCAL GEN FUND	39,000	39,000	-	-	-	-	-	-
ROW	LOCAL GEN FUND	5,000	5,000	-	-	-	-	-	-
CON	HSIP-T4	286,600	-	286,600	-	-	-	-	-
CON	LOCAL GEN FUND	38,000	-	38,000	-	-	-	-	-
Total Funding		368,600	44,000	324,600	-	-	-	-	-

End of Project CC-130047

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: CC-170023 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: STATE HWY Mode: AUTO:100% Project Type: FREEWAY Purpose: SYSTMGMT

Project Name: Freeway Performance Program: I-680 Corridor Hwy Rte: 680

Proj Description: Contra Costa County: I-680 from the Solano Co. Line to the Alameda Co. Line: Deliver operational strategies including adaptive ramp metering, bus shoulder running lanes, advanced technologies, arterial/transit priority signal upgrades & HOV strategies

Revision Reason: Amend a new non-exempt project into the TIP with \$1.5M in OBAG2-STP and \$6.5M in OBAG2-CMAQ. Toll credits will be used in lieu of match for federal funds

Primary RTP ID: 17-10-0033 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	STP-T5	1,500,000	-	-	1,500,000	-	-	-	172,050
CON	CMAQ-T5	6,500,000	-	-	-	6,500,000	-	-	745,550
Total Funding		8,000,000	-	-	1,500,000	6,500,000	-	-	917,600

End of Project CC-170023

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: MRN170016 **Revision:** 2017-19 **Version:** 1 **Status:** PROPOSED **CTIPS ID:**

Sponsoring Agency: San Rafael **Implementing Agency:** San Rafael
Trans. System: LOCAL ROAD **Mode:**BIKE/PED:100% **Project Type:** MULTI-USE TRAIL **Purpose:** EXPANSION
Project Name: Francisco Blvd West Multi-Use Pathway **Hwy Rte:**
Proj Description: San Rafael: On Francisco Blvd West between Second St. and Anderson Dr.: Construct a multi-use path.
Revision Reason: Amend a new exempt project into the TIP with \$962K in Other Local and \$288K in Sales Tax funds

Primary RTP ID: 17-09-0018 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** PR
 040

RTP Description:

AQCTF Review: Review Pending

AQ Description: EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	LOCAL GEN FUND	400,000	-	250,000	150,000	-	-	-	-
CON	LOCAL GEN FUND	562,000	-	-	562,000	-	-	-	-
CON	SALESTAX-MEASURE	288,000	-	-	288,000	-	-	-	-
Total Funding		1,250,000	-	250,000	1,000,000	-	-	-	-

End of Project MRN170016

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: REG110030 Revision: 2017-19 Version: 8 Status: PROPOSED CTIPS ID: 20600005315

Sponsoring Agency: Caltrain Implementing Agency: Caltrain
 Trans. System: TRANSIT Mode:RAIL:100% Project Type: SIGNAL Purpose: SYSTMGMT
 Project Name: Caltrain Positive Train Control System Hwy Rte:
 Proj Description: CBOSS/PTC is an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways. The FRA has mandated PTC be in place by December 2015.
 Revision Reason: Update the funding plan to add \$21.7M in FRA/FTA PTC Implementation grant funding and \$5.4M in Local funds
 Primary RTP ID: 17-10-0008 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
 040
 RTP Description:
 AQCTF Review: Review Pending
 AQ Description: EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	5307-T4	11,280,000	11,280,000	-	-	-	-	-	-
PE	FEDERAL-OTHER	17,250,000	17,250,000	-	-	-	-	-	-
PE	LOCAL GEN FUND	8,760,000	8,760,000	-	-	-	-	-	-
PE	PROP-1A	8,200,000	8,200,000	-	-	-	-	-	-
PE	PROP-1B	1,060,000	1,060,000	-	-	-	-	-	-
PE	SALESTAX-MEASURE	6,300,000	6,300,000	-	-	-	-	-	-
CON	5307-T4	7,309,069	7,309,069	-	-	-	-	-	-
CON	5309-T4-FG	8,844,200	8,844,200	-	-	-	-	-	-
CON	FED-DISC	2,830,000	2,830,000	-	-	-	-	-	-
CON	FEDERAL-OTHER	21,680,000	-	-	21,680,000	-	-	-	-
CON	LOCAL GEN FUND	60,486,731	55,066,731	-	5,420,000	-	-	-	-
CON	PROP-1A	97,800,000	97,800,000	-	-	-	-	-	-
CON	PROP-1B	6,300,000	6,300,000	-	-	-	-	-	-
Total Funding		258,100,000	231,000,000	-	27,100,000	-	-	-	-

CURRENT

TIP ID: REG110030 Revision: 2017-00 Version: 7 Status: ACTIVE CTIPS ID: 20600005315

Sponsoring Agency: Caltrain Implementing Agency: Caltrain
 Trans. System: TRANSIT Mode:RAIL:100% Project Type: SIGNAL Purpose: SYSTMGMT
 Project Name: Caltrain Positive Train Control System Hwy Rte:
 Proj Description: CBOSS/PTC is an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways. The FRA has mandated PTC be in place by December 2015.
 Revision Reason: 2017 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing
 Primary RTP ID: 21627 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$1,843 Review: AA
 RTP Description: Caltrain Service Frequency Improvements (6-Train Service during Peak Hours), Electrification (San Francisco to Tamien), and Communications-Based Overlay Signal System (CBOSS) and Positive Train Control System (PTC)
 AQCTF Review: Review Pending
 AQ Description: EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	5307-T4	11,280,000	11,280,000	-	-	-	-	-	-
PE	FEDERAL-OTHER	17,250,000	17,250,000	-	-	-	-	-	-
PE	LOCAL GEN FUND	8,760,000	8,760,000	-	-	-	-	-	-
PE	PROP-1A	8,200,000	8,200,000	-	-	-	-	-	-
PE	PROP-1B	1,060,000	1,060,000	-	-	-	-	-	-
PE	SALESTAX-MEASURE	6,300,000	6,300,000	-	-	-	-	-	-
CON	5307-T4	7,309,069	7,309,069	-	-	-	-	-	-
CON	5309-T4-FG	8,844,200	8,844,200	-	-	-	-	-	-
CON	FED-DISC	2,830,000	2,830,000	-	-	-	-	-	-
CON	LOCAL GEN FUND	55,066,731	55,066,731	-	-	-	-	-	-
CON	PROP-1A	97,800,000	97,800,000	-	-	-	-	-	-
CON	PROP-1B	6,300,000	6,300,000	-	-	-	-	-	-
Total Funding		231,000,000	231,000,000	-	-	-	-	-	-

End of Project REG110030

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: REG170002 Revision: 2017-19 Version: 3 Status: PROPOSED CTIPS ID: 20600006094

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: STATE HWY Mode: AUTO:80% | BUS:10% | FREIGHT:10% Project Type: OTHER Purpose: SYSTMGMT

Project Name: Transportation Management Systems Hwy Rte:

Proj Description: SF Bay Area: Regionwide: Implement a collective approach to freeway operations and management, including field devices, response to incidents, and traffic management systems and software; Along the I-880 corridor: Establish communication network

Revision Reason: Update the funding plan to add \$16.1M in OBAG2-STP. Toll credits will be used in lieu of match for these funds; and revise the project description to clarify the scope

Primary RTP ID: 17-10-0013 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR
040

RTP Description:

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	BT-RM1	90,000	-	90,000	-	-	-	-	-
CON	STP-T5	19,000,000	-	-	4,060,000	9,940,000	5,000,000	-	2,179,300
Total Funding		19,090,000	-	90,000	4,060,000	9,940,000	5,000,000	-	2,179,300

CURRENT

TIP ID: REG170002 Revision: 2017-09 Version: 2 Status: ACTIVE CTIPS ID: 20600006094

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: STATE HWY Mode: AUTO:80% | BUS:10% | FREIGHT:10% Project Type: OTHER Purpose: SYSTMGMT

Project Name: Transportation Management Systems Hwy Rte:

Proj Description: Regionwide: Implement a collective approach to freeway operations and management, including field devices that monitor travel conditions and disseminate information; response to freeway incidents; and central traffic management systems and software

Revision Reason: Update the funding plan to change the source for \$90K from Local to RM1 funds and change the source and program year for \$2.91M from FY17 Local to FY18 STP, toll credits will be used in lieu of match for STP funds.

Primary RTP ID: 230419 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$2,729 Review: PR

RTP Description: Implement the Freeway Performance Initiative (FPI), which includes freeway ITS infrastructure, arterial management, incident management, emergency preparedness, traveler information/511, and operations and maintenance of ITS infrastructure

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	BT-RM1	90,000	-	90,000	-	-	-	-	-
CON	STP-T5	2,910,000	-	-	2,910,000	-	-	-	333,777
Total Funding		3,000,000	-	90,000	2,910,000	-	-	-	333,777

End of Project REG170002

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: REG170004 Revision: 2017-19 Version: 2 Status: PROPOSED CTIPS ID: 20600006129

Sponsoring Agency: MTC Implementing Agency: MTC
 Trans. System: REGION Mode: AUTO:50% | BUS:50% Project Type: OTHER Purpose: SYSTMGMT
 Project Name: Bay Bridge Forward - Commuter Parking Initiative Hwy Rte:
 Proj Description: Albany and Oakland: Establish commuter parking in East Bay at I-80/Buchanan Ave, I-880/High St, I-880/Fruitvale, including parking management technologies, to encourage carpool and express bus ridership.
 Revision Reason: Update the funding plan to add \$4.6M in Other Local and \$121K in RM-2 funds, and revise amounts between years and phases
 Primary RTP ID: 17-10-0033 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
 040
 RTP Description:
 AQCTF Review: Reviewed
 AQ Description: NON-EXEMPT - Not Regionally Significant Project

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
ENV	BT-RM2	960,000	-	960,000	-	-	-	-	-
ENV	LOCAL GEN FUND	114,000	-	114,000	-	-	-	-	-
PSE	BT-RM2	161,000	-	161,000	-	-	-	-	-
CON	BT-RM2	-	-	-	-	-	-	-	-
CON	LOCAL GEN FUND	6,588,000	-	-	6,588,000	-	-	-	-
CON	STP-T5	2,500,000	-	-	2,500,000	-	-	-	-
Total Funding		10,323,000	-	1,235,000	9,088,000	-	-	-	-

CURRENT

TIP ID: REG170004 Revision: 2017-03 Version: 1 Status: ACTIVE CTIPS ID: 20600006129

Sponsoring Agency: MTC Implementing Agency: MTC
 Trans. System: REGION Mode: AUTO:100% Project Type: OTHER Purpose: SYSTMGMT
 Project Name: Bay Bridge Forward - Commuter Parking Initiative Hwy Rte:
 Proj Description: Albany and Oakland: Establish commuter parking in East Bay at I-80/Buchanan Ave, I-880/High St, I-880/Fruitvale, including parking management technologies, to encourage carpool and express bus ridership.
 Revision Reason: Amend a new non-exempt, not regionally significant project to the TIP with \$2.5M in STP, \$1M in RM2, and \$2M in Other Local funds
 Primary RTP ID: 240602 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$14 Review: AA
 RTP Description: Implement ridesharing measures (includes ridematching, vanpool services, and commute trip planning/consulting)
 AQCTF Review: Reviewed
 AQ Description: NON-EXEMPT - Not Regionally Significant Project

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
ENV	BT-RM2	652,000	-	652,000	-	-	-	-	-
ENV	LOCAL GEN FUND	220,000	-	220,000	-	-	-	-	-
PSE	BT-RM2	313,000	-	313,000	-	-	-	-	-
CON	BT-RM2	35,000	-	-	35,000	-	-	-	-
CON	LOCAL GEN FUND	1,865,000	-	-	1,865,000	-	-	-	-
CON	STP-T5	2,500,000	-	-	2,500,000	-	-	-	-
Total Funding		5,585,000	-	1,185,000	4,400,000	-	-	-	-

End of Project REG170004

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: REG170007 Revision: 2017-19 Version: 3 Status: PROPOSED CTIPS ID: 20600006142

Sponsoring Agency: MTC Implementing Agency: MTC
 Trans. System: STATE HWY Mode: AUTO:100% Project Type: FREEWAY Purpose: SYSTMGMT
 Project Name: Incident Management Program Hwy Rte:
 Proj Description: SF Bay Area: Regionwide: Manage congestion by implementing strategies to enhance mobility and safety, and reduce the impacts of traffic incidents, including advanced transportation management technologies and systems
 Revision Reason: Update the funding plan to add \$4.16M in OBAG2-STP and reprogram \$517K in CON STP from FY18 to FY17 to match obligation. Toll credits will be used in lieu of match for new OBAG2 funds
 Primary RTP ID: 17-10-0031 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
 040
 RTP Description:
 AQCTF Review: Reviewed
 AQ Description: EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	CMAQ-T4	-	-	-	-	-	-	-	-
CON	STP-T4	517,000	-	517,000	-	-	-	-	59,300
CON	STP-T5	4,160,000	-	-	4,160,000	-	-	-	477,152
Total Funding		4,677,000	-	517,000	4,160,000	-	-	-	536,452

CURRENT

TIP ID: REG170007 Revision: 2017-04 Version: 2 Status: ACTIVE CTIPS ID: 20600006142

Sponsoring Agency: MTC Implementing Agency: MTC
 Trans. System: STATE HWY Mode: AUTO:100% Project Type: FREEWAY Purpose: SYSTMGMT
 Project Name: MTC - Incident Management Program Hwy Rte:
 Proj Description: Regionwide: Manage congestion by implementing strategies to enhance mobility and safety, and reduce the impacts of traffic incidents, including advanced transportation management technologies and systems.
 Revision Reason: Split out I-880 integrated corridor management to ALA170040 along with \$14.3M in CMAQ
 Primary RTP ID: 230419 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$2,729 Review: PR
 RTP Description: Implement the Freeway Performance Initiative (FPI), which includes freeway ITS infrastructure, arterial management, incident management, emergency preparedness, traveler information/511, and operations and maintenance of ITS infrastructure
 AQCTF Review: Reviewed
 AQ Description: EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	CMAQ-T4	-	-	-	-	-	-	-	-
CON	STP-T4	517,000	-	-	517,000	-	-	-	59,300
Total Funding		517,000	-	-	517,000	-	-	-	59,300

End of Project REG170007

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: REG170011 Revision: 2017-19 Version: 2 Status: PROPOSED CTIPS ID: 20600006276

Sponsoring Agency: MTC Implementing Agency: MTC
 Trans. System: LOCAL ROAD Mode: AUTO:75% | BUS:25% Project Type: MAJOR ARTERIAL Purpose: SYSTMGMT
 Project Name: Innovative Deployments to Enhance Arterials: Cat 2 Hwy Rte:
 Proj Description: SF Bay Area: Regionwide: Deploy advanced technologies along arterials to enhance mobility and safety across all modes, with a focus on Connected/Automated vehicles, including demonstration/pilot queue jump lanes no longer than one quarter mile
 Revision Reason: Amend a new non-exempt, not regionally significant project to the TIP with \$5M in OBAG2-STP and \$650K Other Local funds
 Primary RTP ID: 17-10-0033 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
 RTP Description:
 AQCTF Review: Review Pending
 AQ Description: NON-EXEMPT - Not Regionally Significant Project

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	LOCAL GEN FUND	650,000	-	-	-	650,000	-	-	-
CON	STP-T5	5,000,000	-	-	-	5,000,000	-	-	-
Total Funding		5,650,000	-	-	-	5,650,000	-	-	-

End of Project REG170011

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: REG170012 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: LOCAL ROAD Mode:AUTO:80% | BUS:20% Project Type: MAJOR ARTERIAL Purpose: SYSTMGMT

Project Name: Shared Use Mobility Hwy Rte:

Proj Description: SF Bay Area: Regionwide: Implement innovative projects & initiatives that promote shared forms of technology-based transportation options, may include pilot microtransit programs of no more than five vehicles

Revision Reason: Amend a new non-exempt, not regionally significant project into the TIP with \$2.5M in OBAG2-STP funds. Toll credits will be used in lieu of match for federal funds

Primary RTP ID: 17-10-0033 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	STP-T5	2,500,000	-	-	-	2,500,000	-	-	286,750
Total Funding		2,500,000	-	-	-	2,500,000	-	-	286,750

End of Project REG170012

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: REG170013 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: REGION Mode: AUTO:45% | BUS:45% | BIKE/PED:5% | Project Type: OTHER TRAV INFO Purpose: SYSTMGMT

Project Name: 511 Next Gen FREIGHT:5% Hwy Rte:

Proj Description: SF Bay Area: Regionwide: Provide multimodal, accurate, reliable, and accessible traveler information on multiple platforms, with support in areas of system integration, web services, communication, operational services and technical advisory services

Revision Reason: Amend a new exempt project into the TIP with \$27M in OBAG-STP. Toll credits will be used in lieu of match for federal funds

Primary RTP ID: 17-10-0029 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: EXEMPT (40 CFR 93.126) - Directional and informational signs

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	STP-T5	26,852,000	-	-	-	13,101,000	7,731,000	6,020,000	3,079,924
Total Funding		26,852,000	-	-	-	13,101,000	7,731,000	6,020,000	3,079,924

End of Project REG170013

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: REG170014 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: REGION Mode: AUTO:80% | BUS:20% Project Type: FREEWAY Purpose: SYSTMGMT

Project Name: Active Operations Management Hwy Rte:

Proj Description: SF Bay Area: Regionwide: Planning and implementation of various multi-modal operational policies.

Revision Reason: Amend a new exempt project into the TIP with \$23.7M in OBAG2-STP funds. Toll credits will be used in lieu of match for federal funds

Primary RTP ID: 17-10-0033 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	STP-T5	23,737,000	-	-	4,250,000	5,250,000	9,500,000	4,737,000	2,722,634
Total Funding		23,737,000	-	-	4,250,000	5,250,000	9,500,000	4,737,000	2,722,634

End of Project REG170014

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: REG170015 **Revision:** 2017-19 **Version:** 1 **Status:** PROPOSED **CTIPS ID:**

Sponsoring Agency: MTC **Implementing Agency:** MTC

Trans. System: LOCAL ROAD **Mode:**AUTO:60% | BUS:40% **Project Type:** MAJOR ARTERIAL **Purpose:** SYSTMGMT

Project Name: Innovative Deployments to Enhance Arterials: Cat 1 **Hwy Rte:**

Proj Description: SF Bay Area: Region-wide: Deploy advanced technologies along arterial to enhance mobility and safety across all modes, including demonstration/pilot queue jump lanes no longer than one quarter mile

Revision Reason: Amend a new non-exempt, not regionally-significant project into the TIP with \$4M OBAG2-STP, \$4M in OBAG2-CMAQ, and \$1M in Other Local funds

Primary RTP ID: 17-10-0033 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** AA
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT - Not Regionally Significant Project

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	CMAQ-T5	750,000	-	-	750,000	-	-	-	-
PE	LOCAL GEN FUND	97,500	-	-	97,500	-	-	-	-
CON	CMAQ-T5	3,250,000	-	-	-	3,250,000	-	-	-
CON	LOCAL GEN FUND	939,500	-	-	-	939,500	-	-	-
CON	STP-T5	4,000,000	-	-	-	4,000,000	-	-	-
Total Funding		9,037,000	-	-	847,500	8,189,500	-	-	-

End of Project REG170015

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: REG170016 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: REGION Mode: PLANNING:100% Project Type: PLANNING Purpose: SYSTMGMT

Project Name: Regional Planning - PDA Implementation Hwy Rte:

Proj Description: SF Bay Area: Regionwide: Planning Assistance to support transportation investments and improve their performance in priority development areas.

Revision Reason: Amend a new exempt project into the TIP with \$8M in OBAG2-STP funds and \$1M in Local funds

Primary RTP ID: 17-10-0021 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR

RTP Description:

AQCTF Review: Review Pending

AQ Description: EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	LOCAL GEN FUND	1,042,963	-	-	1,042,963	-	-	-	-
PE	STP-T5	8,050,000	-	-	8,050,000	-	-	-	-
Total Funding		9,092,963	-	-	9,092,963	-	-	-	-

End of Project REG170016

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: REG170017 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: BART Implementing Agency: BART

Trans. System: TRANSIT Mode:RAIL:100% Project Type: OTHER Purpose: EXPANSION

Project Name: BART Transbay Core Capacity Improvements Hwy Rte:

Proj Description: BART: Systemwide: Implement communication-based train control (CBTC) system, expand rail car fleet by 306 vehicles, add traction power substations (5); At Hayward Maintenance Complex; Expand facilities to accommodate expanded fleet

Revision Reason: Amend a new non-exempt project into the TIP with \$179M in operating funds, \$640M in Local funds, \$112M in Sales Tax and \$2.6B in RTP-LRP

Primary RTP ID: 17-10-0006 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	LOCAL GEN FUND	819,000,000	-	-	-	640,000,000	179,000,000	-	-
CON	RTP-LRP	2,579,900,000	-	-	-	-	-	2,579,900,000	-
CON	SALESTAX-MEASURE	111,800,000	-	-	-	111,800,000	-	-	-
Total Funding		3,510,700,000	-	-	-	751,800,000	179,000,000	2,579,900,000	-

End of Project REG170017

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: SM-170011 **Revision:** 2017-19 **Version:** 1 **Status:** PROPOSED **CTIPS ID:**
Sponsoring Agency: San Mateo **Implementing Agency:** San Mateo
Trans. System: STATE HWY **Mode:**AUTO:80% | BIKE/PED:20% **Project Type:** FREEWAY I/C **Purpose:** EXPANSION
Project Name: US 101/Peninsula Avenue Interchange Improvements **Hwy Rte:** 101
Proj Description: San Mateo: US-101 at Peninsula Ave and East Poplar Ave: Convert a partial interchange to a full interchange by adding new southbound on- and off-ramps and closing the southbound on- and off-ramps at East Poplar Avenue.
Revision Reason: Amend a new non-exempt project into the TIP with \$2.5M in Sales Tax, \$1.9M in Other Local and \$84.6M in RTP-LRP funds
Primary RTP ID: 17-06-0012 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** PR
RTP Description:
AQCTF Review: Review Pending
AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
ENV	SALESTAX-MEASURE	2,500,000	-	2,500,000	-	-	-	-	-
PSE	LOCAL GEN FUND	1,900,000	-	-	-	1,900,000	-	-	-
CON	RTP-LRP	84,600,000	-	-	-	-	-	84,600,000	-
Total Funding		89,000,000	-	2,500,000	-	1,900,000	-	84,600,000	-

End of Project SM-170011

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: SOL090015 **Revision:** 2017-19 **Version:** 12 **Status:** PROPOSED **CTIPS ID:** 20600004556

Sponsoring Agency: Solano County **Implementing Agency:** STA

Trans. System: STATE HWY **Mode:**AUTO:70% | BIKE/PED:15% | BUS:15% **Project Type:** FREEWAY I/C **Purpose:** EXPANSION

Project Name: Redwood-Fairgrounds Dr Interchange Imps **Hwy Rte:** 80

Proj Description: Solano County: I-80 Redwood St. I/C and SR-37/Fairgrounds Dr. I/C: Implement I/C and safety improvements; Fairgrounds Dr. from Redwood St. to SR-37: Remove left turn lane and widen to add one lane in each direction and add bike lanes; transit improvements

Revision Reason: Update the project description to include the addition of bike lanes and bus stop improvements and update the funding plan to add \$94K in OBAG1-CMAQ and remove \$10K in Local funds for PE FY17

Primary RTP ID: 17-08-0010 **Sec. RTP ID:** **RTP Cycle:** PLANBAYAREA2 **RTP Cost:** **Review:** AA

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PSE	RTP-LRP	5,000,000	-	-	-	-	-	5,000,000	-
PE	CMAQ-T4	94,430	-	94,430	-	-	-	-	-
PE	EARMARK-T3	1,263,846	842,039	421,807	-	-	-	-	-
PE	EARMARK-T5	-	-	-	-	-	-	-	-
PE	LOCAL GEN FUND	439,487	321,800	117,687	-	-	-	-	-
ROW	RTP-LRP	26,000,000	-	-	-	-	-	26,000,000	-
CON	LOCAL GEN FUND	397,000	-	397,000	-	-	-	-	-
CON	RTP-LRP	63,281,902	-	-	-	-	-	63,281,902	-
Total Funding		96,476,665	1,163,839	1,030,924	-	-	-	94,281,902	-

CURRENT

TIP ID: SOL090015 **Revision:** 2017-07 **Version:** 11 **Status:** ACTIVE **CTIPS ID:** 20600004556

Sponsoring Agency: Solano County **Implementing Agency:** STA

Trans. System: STATE HWY **Mode:**AUTO:100% **Project Type:** FREEWAY I/C **Purpose:** EXPANSION

Project Name: Redwood-Fairgrounds Dr Interchange Imps **Hwy Rte:** 80

Proj Description: Solano County: I-80/Redwood St. I/C and SR 37/Fairgrounds Dr. I/C: Implement I/C and safety improvements; Fairgrounds Dr. between Redwood St. and SR 37 (2.1 lane miles): Remove left turn lane and widen to add one lane in each direction. Project is phased

Revision Reason: Update the funding plan to change the source for \$17K in FY19 PE funds from repurposed earmark funds to Other Local and reprogram \$22K in PE Local funds from FY19 to FY17

Primary RTP ID: 230313 **Sec. RTP ID:** **RTP Cycle:** Plan Bay Area **RTP Cost:** \$96 **Review:** AA

RTP Description: Improve interchanges and widen roadways serving Solano County Fairgrounds, including Redwood Parkway

AQCTF Review: Reviewed

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PSE	RTP-LRP	5,000,000	-	-	-	-	-	5,000,000	-
PE	EARMARK-T3	1,263,846	842,039	421,807	-	-	-	-	-
PE	EARMARK-T5	-	-	-	-	-	-	-	-
PE	LOCAL GEN FUND	449,114	321,800	127,314	-	-	-	-	-
ROW	RTP-LRP	26,000,000	-	-	-	-	-	26,000,000	-
CON	LOCAL GEN FUND	397,000	-	397,000	-	-	-	-	-
CON	RTP-LRP	63,281,902	-	-	-	-	-	63,281,902	-
Total Funding		96,391,862	1,163,839	946,121	-	-	-	94,281,902	-

End of Project SOL090015

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: SON030012 Revision: 2017-19 Version: 30 Status: PROPOSED CTIPS ID: 20600002869

Sponsoring Agency: SantaRosa Bus Implementing Agency: SantaRosa Bus
 Trans. System: TRANSIT Mode:BUS:100% Project Type: STRUCTURE/BLDG Purpose: SYSTMGMT
 Project Name: Santa Rosa City Bus: Transit Enhancements Hwy Rte:
 Proj Description: Santa Rosa: Various Locations: Upgrade and improve transit facilities including amenities, accessibility, ADA compliance, pedestrian and bicycle access, and technology upgrades including transit system management and customer facing technology.
 Revision Reason: Update the project scope to include technology improvements and update the funding plan to add \$411K in TPI-CMAQ funds and \$53K in TDA funds
 Primary RTP ID: 17-10-0026 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
 040
 RTP Description:
 AQCTF Review: Review Pending
 AQ Description: EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll	Credit
CON	5307-T3	162,162	162,162	-	-	-	-	-	-	-
CON	5307-T4	183,449	183,449	-	-	-	-	-	-	-
CON	5307-T5	16,433	16,433	-	-	-	-	-	-	-
CON	CMAQ-T4	411,000	-	-	411,000	-	-	-	-	-
CON	LOCAL GEN FUND	89,175	89,175	-	-	-	-	-	-	-
CON	TDA4	82,611	29,361	-	53,250	-	-	-	-	-
Total Funding		944,830	480,580	-	464,250	-	-	-	-	-

CURRENT

TIP ID: SON030012 Revision: 2017-00 Version: 29 Status: ACTIVE CTIPS ID: 20600002869

Sponsoring Agency: SantaRosa Bus Implementing Agency: SantaRosa Bus
 Trans. System: TRANSIT Mode:BUS:100% Project Type: STRUCTURE/BLDG Purpose: SYSTMGMT
 Project Name: Santa Rosa City Bus: Transit Enhancements Hwy Rte:
 Proj Description: Santa Rosa: Various Locations: Upgrade and improve transit facilities including amenities, accessibility, ADA compliance, pedestrian and bicycle access
 Revision Reason: 2017 TIP Development - Retain this project in the TIP for informational purposes as it is ongoing
 Primary RTP ID: 21017 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$7,984 Review: AA
 RTP Description: Small transit operators in Alameda, Contra Costa, Marin, Napa, Solano and Sonoma counties - transit operating and capital improvement program
 AQCTF Review: Review Pending
 AQ Description: EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll	Credit
CON	5307-T3	162,162	162,162	-	-	-	-	-	-	-
CON	5307-T4	183,449	183,449	-	-	-	-	-	-	-
CON	5307-T5	16,433	16,433	-	-	-	-	-	-	-
CON	LOCAL GEN FUND	89,175	89,175	-	-	-	-	-	-	-
CON	TDA4	29,361	29,361	-	-	-	-	-	-	-
Total Funding		480,580	480,580	-	-	-	-	-	-	-

End of Project SON030012

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: VAR170004 Revision: 2017-19 Version: 3 Status: PROPOSED CTIPS ID: 20600006101

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode:AUTO:100% Project Type: PAVEMENT Purpose: MAINT/REHAB

Project Name: GL: Pavement Resurfacing/Rehab SHS - Highway Maint Hwy Rte:

Proj Description: GL: Pavement Resurf/Rehab State Highway System - Highway Maintenance. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation.

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$15M in Highway Maintenance funding

Primary RTP ID: 240745 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$13,879 Review: PR

RTP Description: Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	SHA-T3	30,204,000	-	15,054,000	15,150,000	-	-	-	1,726,694
Total Funding		30,204,000	-	15,054,000	15,150,000	-	-	-	1,726,694

CURRENT

TIP ID: VAR170004 Revision: 2017-04 Version: 2 Status: ACTIVE CTIPS ID: 20600006101

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode:AUTO:100% Project Type: PAVEMENT Purpose: MAINT/REHAB

Project Name: GL: Pavement Resurfacing/Rehab SHS - Highway Maint Hwy Rte:

Proj Description: GL: Pavement Resurf/Rehab State Highway System - Highway Maintenance. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or rehabilitation.

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans

Primary RTP ID: 240745 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$13,879 Review: PR

RTP Description: Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	SHA-T3	15,054,000	-	15,054,000	-	-	-	-	1,726,694
Total Funding		15,054,000	-	15,054,000	-	-	-	-	1,726,694

End of Project VAR170004

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: VAR170006	Revision: 2017-19	Version: 4	Status: PROPOSED	CTIPS ID: 20600006103
Sponsoring Agency: Caltrans		Implementing Agency: Caltrans		
Trans. System: STATE HWY	Mode: AUTO:100%	Project Type: OTHER		Purpose: MAINT/REHAB
Project Name: GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.				Hwy Rte:
Proj Description: Regionwide: Various Locations: Projects consistent with 40CFR93.126 Exempt Tables 2 categories - Pavement resurfacing and/or rehabilitation, Emergency relief (23 U.S.C. 125), Widening narrow pavements or reconstructing bridges (no additional travel lanes)				
Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$85.6M in SHOPP funds				
Primary RTP ID: 17-10-0025	Sec. RTP ID:	RTP Cycle: PLANBAYAREA2	RTP Cost:	Review: PR
RTP Description:				
AQCTF Review: Reviewed				
AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation				

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	703,850,000	-	200,512,000	83,729,000	169,240,000	250,369,000	-	80,731,594
Total Funding		703,850,000	-	200,512,000	83,729,000	169,240,000	250,369,000	-	80,731,594

CURRENT

TIP ID: VAR170006	Revision: 2017-07	Version: 3	Status: ACTIVE	CTIPS ID: 20600006103
Sponsoring Agency: Caltrans		Implementing Agency: Caltrans		
Trans. System: STATE HWY	Mode: AUTO:100%	Project Type: OTHER		Purpose: MAINT/REHAB
Project Name: GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.				Hwy Rte:
Proj Description: Regionwide: Various Locations: Projects consistent with 40CFR93.126 Exempt Tables 2 categories - Pavement resurfacing and/or rehabilitation, Emergency relief (23 U.S.C. 125), Widening narrow pavements or reconstructing bridges (no additional travel lanes)				
Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the removal of \$7.5M in SHOPP funds				
Primary RTP ID: 240745	Sec. RTP ID:	RTP Cycle: Plan Bay Area	RTP Cost: \$13,879	Review: PR
RTP Description: Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)				
AQCTF Review: Reviewed				
AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation				

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	618,252,000	-	200,512,000	23,867,000	162,537,000	231,336,000	-	70,913,504
Total Funding		618,252,000	-	200,512,000	23,867,000	162,537,000	231,336,000	-	70,913,504

End of Project VAR170006

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: VAR170007 Revision: 2017-19 Version: 4 Status: PROPOSED CTIPS ID: 20600006104

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode:AUTO:100% Project Type: OTHER Purpose: SYSTMGMT

Project Name: GL: Safety Imprv. - SHOPP Collision Reduction Hwy Rte:

Proj Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$39.8M in SHOPP funds

Primary RTP ID: 17-10-0025 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR
040

RTP Description:

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Guardrails, median barriers, crash cushions

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	495,960,000	-	96,363,000	119,834,000	116,607,000	163,156,000	-	56,886,612
Total Funding		495,960,000	-	96,363,000	119,834,000	116,607,000	163,156,000	-	56,886,612

CURRENT

TIP ID: VAR170007 Revision: 2017-10 Version: 3 Status: ACTIVE CTIPS ID: 20600006104

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode:AUTO:100% Project Type: OTHER Purpose: SYSTMGMT

Project Name: GL: Safety Imprv. - SHOPP Collision Reduction Hwy Rte:

Proj Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$10.2M in SHOPP funds

Primary RTP ID: 240745 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$13,879 Review: PR

RTP Description: Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Guardrails, median barriers, crash cushions

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	456,157,000	-	95,523,000	139,916,000	97,716,000	123,002,000	-	52,321,207
Total Funding		456,157,000	-	95,523,000	139,916,000	97,716,000	123,002,000	-	52,321,207

End of Project VAR170007

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: VAR170008 Revision: 2017-19 Version: 4 Status: PROPOSED CTIPS ID: 20600006105

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode: AUTO:100% Project Type: OTHER Purpose: MAINT/REHAB

Project Name: GL: Emergency Repair - SHOPP Emergency Response Hwy Rte:

Proj Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$246.6M in SHOPP funds

Primary RTP ID: 17-10-0025 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR
040

RTP Description:

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational or capacity changes

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	418,126,000	-	302,949,000	103,230,000	3,923,000	8,024,000	-	47,959,052
Total Funding		418,126,000	-	302,949,000	103,230,000	3,923,000	8,024,000	-	47,959,052

CURRENT

TIP ID: VAR170008 Revision: 2017-05 Version: 3 Status: ACTIVE CTIPS ID: 20600006105

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode: AUTO:100% Project Type: OTHER Purpose: MAINT/REHAB

Project Name: GL: Emergency Repair - SHOPP Emergency Response Hwy Rte:

Proj Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$5.3M in SHOPP funds

Primary RTP ID: 240745 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$13,879 Review: PR

RTP Description: Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational or capacity changes

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	171,501,000	-	70,944,000	98,787,000	-	1,770,000	-	19,671,165
Total Funding		171,501,000	-	70,944,000	98,787,000	-	1,770,000	-	19,671,165

End of Project VAR170008

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: VAR170010 Revision: 2017-19 Version: 3 Status: PROPOSED CTIPS ID: 20600006107

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode:AUTO:100% Project Type: OTHER Purpose: MAINT/REHAB

Project Name: GL: Bridge Rehab and Reconstruction - SHOPP Hwy Rte:

Proj Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Widening narrow pavements or reconstructing bridges (no additional travel lanes).

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$35M in SHOPP funds

Primary RTP ID: 17-10-0025 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: PR
040

RTP Description:

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	365,331,000	-	54,765,000	103,145,000	60,810,000	146,611,000	-	41,903,467
Total Funding		365,331,000	-	54,765,000	103,145,000	60,810,000	146,611,000	-	41,903,467

CURRENT

TIP ID: VAR170010 Revision: 2017-03 Version: 2 Status: ACTIVE CTIPS ID: 20600006107

Sponsoring Agency: Caltrans Implementing Agency: Caltrans

Trans. System: STATE HWY Mode:AUTO:100% Project Type: OTHER Purpose: MAINT/REHAB

Project Name: GL: Bridge Rehab and Reconstruction - SHOPP Hwy Rte:

Proj Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Widening narrow pavements or reconstructing bridges (no additional travel lanes).

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$54.2M in SHOPP funds

Primary RTP ID: 240745 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$13,879 Review: PR

RTP Description: Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)

AQCTF Review: Reviewed

AQ Description: EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	330,339,000	-	53,533,000	125,535,000	51,618,000	99,653,000	-	37,889,884
Total Funding		330,339,000	-	53,533,000	125,535,000	51,618,000	99,653,000	-	37,889,884

End of Project VAR170010

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: VAR170015		Revision: 2017-19		Version: 2		Status: PROPOSED		CTIPS ID: 20600006133	
Sponsoring Agency: Caltrans				Implementing Agency: Caltrans					
Trans. System: STATE HWY		Mode: AUTO:100%		Project Type: PAVEMENT			Purpose: MAINT/REHAB		
Project Name: GL: Pvmnt Resurf/Rehab State Hwy Sys - SHOPP Minor		Hwy Rte:							
Proj Description: GL: Pavement Resurf/Rehab State Hwy System - SHOPP Minor. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories									
Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including the addition of \$5.17M in SHOPP funds									
Primary RTP ID: 17-10-0025		Sec. RTP ID:		RTP Cycle: PLANBAYAREA2		RTP Cost:		Review: PR	
RTP Description:									
AQCTF Review: Reviewed									
AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation									
Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	12,280,000	-	3,450,000	8,830,000	-	-	-	1,408,516
Total Funding		12,280,000	-	3,450,000	8,830,000	-	-	-	1,408,516

CURRENT

TIP ID: VAR170015		Revision: 2017-03		Version: 1		Status: ACTIVE		CTIPS ID: 20600006133	
Sponsoring Agency: Caltrans				Implementing Agency: Caltrans					
Trans. System: STATE HWY		Mode: AUTO:100%		Project Type: PAVEMENT			Purpose: MAINT/REHAB		
Project Name: GL: Pvmnt Resurf/Rehab State Hwy Sys - SHOPP Minor		Hwy Rte:							
Proj Description: GL: Pavement Resurf/Rehab State Hwy System - SHOPP Minor. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories									
Revision Reason: Amend a new grouped listing into the TIP with \$7.11M in SHOPP funds									
Primary RTP ID: 240745		Sec. RTP ID:		RTP Cycle: Plan Bay Area		RTP Cost: \$13,879		Review: PR	
RTP Description: Maintain and preserve the investment in the State Highway System (SHS) and its supporting infrastructure (SHOPP)									
AQCTF Review: Reviewed									
AQ Description: EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation									
Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	AC-STATE	7,110,000	-	7,110,000	-	-	-	-	815,517
Total Funding		7,110,000	-	7,110,000	-	-	-	-	815,517

End of Project VAR170015

Report of TIP Revision 2017-19 (By Phase & Fund Source)

PROPOSED

TIP ID: VAR170017 Revision: 2017-19 Version: 4 Status: PROPOSED CTIPS ID: 20600006236

Sponsoring Agency: Caltrans Implementing Agency: Caltrans
 Trans. System: TRANSIT Mode: AUTO:50% | RAIL:50% Project Type: COMMUTER RAIL Purpose: SYSTMGMT
 Project Name: GL: Railroad-Highway Crossing Hwy Rte:
 Proj Description: GL: Railroad/Highway Crossings. Projects are consistent with 40 CFR 93.126 Exempt Tables 2 categories - Railroad/highway crossing

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans, including the addition of \$3.8M in Section 130 funds

Primary RTP ID: 17-10-0025 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
 040

RTP Description:
 AQCTF Review: Reviewed
 AQ Description: EXEMPT (40 CFR 93.126) - Railroad/highway crossing

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	FEDERAL-OTHER	10,337,488	-	10,337,488	-	-	-	-	1,185,710
Total Funding		10,337,488	-	10,337,488	-	-	-	-	1,185,710

CURRENT

TIP ID: VAR170017 Revision: 2017-12 Version: 3 Status: ACTIVE CTIPS ID: 20600006236

Sponsoring Agency: Caltrans Implementing Agency: Caltrans
 Trans. System: TRANSIT Mode: AUTO:50% | RAIL:50% Project Type: COMMUTER RAIL Purpose: SYSTMGMT
 Project Name: GL: Railroad-Highway Crossing Hwy Rte:
 Proj Description: GL: Railroad/Highway Crossings. Projects are consistent with 40 CFR 93.126 Exempt Tables 2 categories - Railroad/highway crossing

Revision Reason: Update the funding plan and back-up listing to reflect the latest information from Caltrans including adding \$1.4M in Federal Grade Crossing funds to CON FY17

Primary RTP ID: 240749 Sec. RTP ID: RTP Cycle: Plan Bay Area RTP Cost: \$81 Review: AA

RTP Description: Section 130 State Rail Program

AQCTF Review: Reviewed
 AQ Description: EXEMPT (40 CFR 93.126) - Railroad/highway crossing

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
CON	FEDERAL-OTHER	6,567,613	-	6,567,613	-	-	-	-	753,305
Total Funding		6,567,613	-	6,567,613	-	-	-	-	753,305

End of Project VAR170017

**Report of TIP Revision 2017-19
(By Phase & Fund Source)**

PROPOSED

TIP ID: VAR170021 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: STATE HWY Mode:AUTO:100% Project Type: FREEWAY Purpose: SYSTMGMT

Project Name: Freeway Performance Program: I-880 Corridor Hwy Rte: 880

Proj Description: Alameda & Santa Clara Counties: I-880 from SR-237 to Hegenberger; Deliver operational strategies including adaptive ramp metering, advanced tech, arterial/transit priority signal upgrades & higher vehicle occupancy strategies

Revision Reason: Amend a new non-exempt project to the TIP with \$3M in OBAG2-STP funds. Toll credits will be used in lieu of match for federal funds

Primary RTP ID: 17-10-0033 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	STP-T5	1,000,000	-	-	-	1,000,000	-	-	114,700
CON	STP-T5	2,000,000	-	-	-	2,000,000	-	-	229,400
Total Funding		3,000,000	-	-	-	3,000,000	-	-	344,100

End of Project VAR170021

Report of TIP Revision 2017-19
(By Phase & Fund Source)

PROPOSED

TIP ID: VAR170023 Revision: 2017-19 Version: 1 Status: PROPOSED CTIPS ID:

Sponsoring Agency: MTC Implementing Agency: MTC

Trans. System: STATE HWY Mode:AUTO:100% Project Type: FREEWAY Purpose: SYSTMGMT

Project Name: Freeway Performance Program: SR-84 Hwy Rte: 84

Proj Description: Alameda & San Mateo Counties; SR-84 from I-880 to US-101; Deliver operational strategies including adaptive ramp metering, advanced technologies, arterial/transit priority signal upgrades, & higher vehicle occupancy strategies

Revision Reason: Amend a new non-exempt project to the TIP with \$5M in OBAG2-STP. Toll credits will be used in lieu of match for federal funds

Primary RTP ID: 17-10-0033 Sec. RTP ID: RTP Cycle: PLANBAYAREA2 RTP Cost: Review: AA
040

RTP Description:

AQCTF Review: Review Pending

AQ Description: NON-EXEMPT

Phase	Fund Source	Total	Prior	FY 16/17	FY 17/18	FY 18/19	FY 19/20	Later	Toll Credit
PE	STP-T5	1,000,000	-	-	-	1,000,000	-	-	114,700
CON	STP-T5	4,000,000	-	-	-	4,000,000	-	-	458,800
Total Funding		5,000,000	-	-	-	5,000,000	-	-	573,500

End of Project VAR170023

Report of TIP Revision 2017-19
 (By Phase and Fund Source)

TIP Revision Summary

	Federal	State	Regional	Local	Total	2017 TIP Only	Toll Credit
Current:	\$66,321,372	\$1,711,773,000	\$1,090,000	\$727,145,283	\$2,506,329,655	\$1,653,749,334	\$184,484,353
Proposed:	\$211,505,677	\$2,139,111,000	\$1,211,000	\$4,566,725,669	\$6,918,553,346	\$3,183,248,025	\$243,455,853
Delta:	\$145,184,305	\$427,338,000	\$121,000	\$3,839,580,386	\$4,412,223,691	\$1,529,498,691	\$58,971,500

DETAILED LISTING OF PROJECTS FOR GROUPED LISTINGS AMENDED IN THE CURRENT REVISION

**GL: Pavement Resurfacing and/or
Rehabilitation on the State Highway System
– Highway Maintenance
(TIP ID – VAR170004)**

Last updated with TIP Revision 2017-19

2016/17 Highway Maintenance Federal Projects

District	Agency	EA5	Project ID #	MPO	* Project Location	Project Description	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 Construction Support	Latest Estimated Construction Capital Value in Contract	FTIP Program Year	National Highway System (Y/N)	Fund Source	County	Route	Back Post Mile	Ahead Post Mile	FF/\$1 Job	Lane-Miles
04	Caltrans	04-1K0401	0416000182	MTC	In Santa Clara County, in San Jose from West Julian Street Undercrossing to Route 87/880	Maintenance Asphalt Overlay	\$3,359,000		\$420,000	\$1,000	\$438,000	\$2,500,000	2016/17	Y	NHS	SCL	87	6.1	7.51	FF	9
04	Caltrans	04-1K1001	0416000188	MTC	In Solano County on Route 12 in Fairfield and Suisun City from 0.1 mile west of Chadbourne Road to 0.4 mile east of Walters Road	Maintenance Asphalt Overlay	\$6,579,000		\$773,000	\$1,000	\$805,000	\$5,000,000	2016/17	Y	NHS	SOL	12	L2.1	7.9	FF	23
04	Caltrans	04-2K1301	0416000366	MTC	In Alameda County, In Oakland, From Route 580/24 Separation to Golden Gate Avenue Undercrossing	Maintenance Asphalt Overlay	\$5,116,000		\$790,000	\$1,000	\$825,000	\$3,500,000	2016/17	Y	NHS	ALA	24	R1.8	R4.5	\$1	24

2017/18 Highway Maintenance Federal Projects

District	Agency	EA5	Project ID #	MPO	* Project Location	Project Description	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 Construction Support Costs	Latest Estimated Construction Capital Value in Contract	FTIP Program Year	National Highway System (Y/N)	Fund Source	County	Route	Back Post Mile	Ahead Post Mile	FF/\$1 Job	Lane-Miles
04	Caltrans	04-0P6801	0417000503	MTC	IN SOLANO COUNTY, IN VALLEJO, FROM 0.1 MILE EAST OF CARQUINEZ BRIDGE TOLL PLAZA TO 0.4 MILE WEST OF REDWOOD STREET OVERCROSSING	Maintenance Asphalt Overlay	\$7,873,000		\$1,067,000	\$1,000	\$1,305,000	\$5,500,000	2017/18	Y	NHS	SOL	80	0.6	4	\$1	23.4
04	Caltrans	04-0P6501	0417000500	MTC	IN SAN MATEO COUNTY, ON ROUTE 92, NEAR SAN MATEO, FROM PILARCITOS CREEK ROAD TO ROUTE 280/92 SEPARATION	Maintenance Asphalt Overlay	\$5,154,000		\$699,000	\$1,000	\$854,000	\$3,600,000	2017/18	N	STP	SM	92	R3.2	R7.3	FF	10.7
04	Caltrans	04-3K6301	0417000188	MTC	IN SAN MATEO COUNTY NEAR SAN MATEO ON ROUTE 35 FROM 2 MILES SOUTH OF SOUTH JUNCTION ROUTE 92 TO ROUTE 92 AND IN MENLO PARK ON ROUTE 109 FROM NOTRE DAME AVENUE TO ROUTE 84	Maintenance Asphalt Overlay	\$2,123,000		\$190,000	\$1,000	\$232,000	\$980,000	2017/18	Y	NHS	SM	35	21.0	23	FF	4
04	Caltrans	04-3K6301	0417000188	MTC		Maintenance Asphalt Overlay						\$720,000	2017/18	Y	NHS	SM	109	1.1	1.8	FF	3

**GL: Pavement Resurfacing/Rehabilitation –
SHOPP Roadway Preservation
(TIP ID – VAR170006)**

Last updated with 2017-19

FTIP BACK-UP LIST FOR SHOPP -ROADWAY PRESERVATION PROJECTS (VAR170006)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
SHOPP - Roadway Preservation												
04	ALA	680	M0.0/M4.0	In Fremont, from south of Scott Creek Road to Auto Mall Parkway. Rehabilitate roadway.	3G602	0587J	2016/17	201.120	\$ 5,850	\$ 160	\$ 17,600	\$ 23,610
04	ALA	680	M4.0/R12.4	In and near Fremont, from Auto Mall Parkway to Koopman Road. Rehabilitate roadway.	3G601	0587E	2016/17	201.120	\$ 8,083	\$ 10	\$ 25,360	\$ 33,453
04	ALA	880	11.9/27.5	Near Union City, from 0.4 mile north of Fremont Boulevard overcrossing to A Street undercrossing; also from 0.1 mile south of Washington Avenue overcrossing to south of High Street undercrossing. Rehabilitate pavement.	4H580	0483W	2016/17	201.121	\$ 12,620	\$ 40	\$ 44,446	\$ 57,106
04	CC	80	0/10.1	In Richmond, El Cerrito, San Pablo, Pinole and Hercules, from Alameda County line to Route 4. Pavement rehabilitation.	4J340	1490E	2016/17	201.121	\$ 6,787	\$ 85	\$ 37,770	\$ 44,642
04	NAP	29	13.5/25.5	In and near Napa and Yountville, from north of Trancas Street/Redwood Road to Mee Lane. Rehabilitate pavement.	4H200	0378E	2016/17	201.121	\$ 5,535	\$ 153	\$ 17,100	\$ 22,788
04	SM	1	37.9/R48.0	In and near Montara, Pacifica and Daly cities, from 1.3 miles north of 2nd Street to Sullivan Avenue overcrossing. Rehabilitate pavement.	4H210	0636S	2016/17	201.121	\$ 3,700	\$ 50	\$ 15,163	\$ 18,913
TOTALS FY 2016/2017									\$ 42,575	\$ 498	\$ 157,439	\$ 200,512
04	ALA	880	28.5/29.0	In Oakland, from 23rd to 29th Street. Rehabilitate roadway.	1A683	0044Q	2017/18	201.120	\$ 4,210	\$ 100	\$ 8,000	\$ 12,310
04	ALA	580	R30.8/R41.5	In San Leandro and Oakland, from Routes 580/238 Separation to Fruitvale Avenue undercrossing. Rehabilitate pavement.	27010	0135A	2017/18	201.121	\$ 9,305	\$ 57	\$ 36,000	\$ 45,362
04	SF	1	R0.0/R6.9	In San Francisco, from Route 280 to Ruckman Avenue undercrossing. Rehabilitate roadway.	4C130	0585E	2017/18	201.121	\$ 3,473	\$ 180	\$ 17,143	\$ 20,796
04	SF	101	6.7/8.1	In the city and county of San Francisco, from Van Ness Avenue to Lyon Street. Rehabilitate pavement.	3E602	0480T	2017/18	201.121	\$ 1,566	\$ 200	\$ 3,495	\$ 5,261
TOTALS FY 2017/2018									\$ 18,554	\$ 537	\$ 64,638	\$ 83,729
04	ALA	580	0.0/7.8	Near Livermore, from San Joaquin county line to east of Greenville overcrossing; also on Route 205 (PM 0.0/1.0) from San Joaquin county line to Midway Road undercrossing. Environmental mitigation for EA 3G590.	3G59C	8315X	2018/19	201.122	\$ 150	\$ 2,100	\$ -	\$ 2,250

FTIP BACK-UP LIST FOR SHOPP -ROADWAY PRESERVATION PROJECTS (VAR170006)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	SF	1	6.3/6.6	In the City and County of San Francisco, from north of Lake Street to south of Route 101 at the McArthur Tunnel. Replace existing lighting system with LED lighting system.	3J300	1490A	2018/19	201.170	\$ 1,475	\$ 5	\$ 3,956	\$ 5,436
04	SCL	82	9.8/14.4	In San Jose, from McKendrie Street to Lawrence Expressway. Pavement rehabilitation.	4J280	1490C	2018/19	201.121	\$ 2,495	\$ 70	\$ 10,711	\$ 13,276
04	SCL	280	11.5/20.6	In and Near Los Altos, Los Altos Hills, and Palo Alto, from Foothill Boulevard to north of Sand Hill Road (also, in San Mateo County PM R0.0/R2.1). Pavement rehabilitation.	3J320	0449A	2018/19	201.121	\$ 11,846	\$ 50	\$ 47,574	\$ 59,470
04	SON	101	29.3/R54.3	In and near Windsor, Healdsburg, and Cloverdale, from Old Redwood Highway to 2 miles south of Mendocino County line. Roadway rehabilitation.	0J642	1482F	2018/19	201.122	\$ 19,718	\$ 890	\$ 68,200	\$ 88,808
TOTALS FY 2018/2019									\$ 35,684	\$ 3,115	\$ 130,441	\$ 169,240
04	ALA	680	R12.4/R21.9	In and near Pleasanton and Dublin, from north of Route 84 to Alcosta Boulevard. Roadway rehabilitation.	0J620	0481P	2019/20	201.122	\$ 32,200	\$ 75	\$ 109,853	\$ 142,128
04	CC	242	R0.0/R3.4	In Concord, from Route 680 to Route 4. Pavement rehabilitation.	26980	0269H	2019/20	201.121	\$ 3,740	\$ 15	\$ 11,774	\$ 15,529
04	MRN	1	22.8/31.2	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also, near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation.	1J960	1480A	2019/20	201.121	\$ 4,180	\$ 517	\$ 13,783	\$ 18,480
4	SCL	152	7.6	In Gilroy, from 0.3 miles west of Santa Teresa Boulevard to Route 101. Rehabilitate pavement.	2K750	1452D	2019/20	201.121	\$4,858	\$10	\$14,165	\$19,033
04	SM	1	0.0/10.6	Near Pescadero, from Santa Cruz County Line to south of Bean Hollow Road. Pavement rehabilitation.	0C930	0622B	2019/20	201.121	\$ 3,611	\$ 10	\$ 11,671	\$ 15,292
04	SM	101	16.5/23.0	In the cities of Burlingame, Millbrae, San Bruno and South San Francisco, from Broadway to Oyster Point Boulevard. Pavement rehabilitation.	3J060	1487J	2019/20	201.121	\$ 4,158	\$ 100	\$ 16,500	\$ 20,758
04	SCL	17	2.8/13.9	In and near Los Gatos, Campbell and San Jose, from Hebard Way to Route 280. Pavement rehabilitation. (G13 Contingency Project)	1J970	1480B	2019/20	201.121	\$ 4,650	\$ 20	\$ -	\$ 4,670

FTIP BACK-UP LIST FOR SHOPP -ROADWAY PRESERVATION PROJECTS (VAR170006)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	SOL	12	20.6/26.4	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation. (Long Lead)	0J630	0480P	2019/20	201.120	\$ 5,780	\$ -	\$ -	\$ 5,780
04	SON	12	35.1/38.9	In and near Sonoma, from Vallejo Avenue to east of Leveroni Road/Napa Road. Pavement rehabilitation.	1J360	0488K	2019/20	201.121	\$ 2,486	\$ 5	\$ 6,208	\$ 8,699
TOTALS FY 2019/2020									\$ 65,663	\$ 752	\$ 183,954	\$ 250,369
SHOPP - Roadway NEW REQUESTED TOTAL									\$ 162,476	\$ 4,902	\$ 536,472	\$ 703,850
SHOPP - Roadway PROGRAMMED TOTAL									\$ 150,125	\$ 4,012	\$ 464,115	\$ 618,252
SHOPP - Roadway DIFFERENCE TOTAL									\$ 12,351	\$ 890	\$ 72,357	\$ 85,598

**GL: Safety Improvements – SHOPP Collision
Reduction Program
(TIP ID – VAR170007)**

Last updated with 2017-19

FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
SHOPP - Collision Reduction												
4	SF	35	2.1	In the City and County of San Francisco, from 36th Avenue to 21st Avenue at various locations. Install pedestrian crosswalk safety enhancements.	4H753	0158K	2015/16	201.015	\$680	\$25	\$1,700	\$2,405
TOTALS FY 2015/2016									\$ 680	\$ 25	\$ 1,700	\$ 2,405
04	ALA	VAR		Near Oakland, at the McCosker property on East Bay Regional Parks District (EBRPD) land. Required environmental mitigation (site 2) for EA 17240, EFIS 04 0000 0455, PPNO 0086Z. (Financial Contribution Only.)	17247	0085S	2016/17	201.010	\$ 350	\$ -	\$ 2,240	\$ 2,590
04	ALA	80	4.6/5.7	In Berkeley, from Potter Street/Ashby Avenue on-ramp to University Avenue off-ramp. Replace metal beam guard rail with concrete barrier.	4G230	1003J	2016/17	201.015	\$ 1,348	\$ 50	\$ 2,200	\$ 3,598
04	ALA	VAR	0	In Alameda and Contra Costa counties, on various routes at various intersection locations. Enhance pedestrian crossings.	0J000	0820P	2016/17	201.015	\$ 1,070	\$ 10	\$ 2,466	\$ 3,546
04	ALA	880	20.4/22.9	In San Leandro, between Washington Avenue and Marina Boulevard. Pave side slope areas.	4H010	0085X	2016/17	201.235	\$ 1,190	\$ 5	\$ 2,864	\$ 4,059
04	ALA	VAR	0	On Route 13, between 4.3 and 10.1 miles; also on Route 24 between 1.8 and 6.0 miles. Pave beyond gore areas.	4G970	0481F	2016/17	201.235	\$ 1,350	\$ 5	\$ 1,519	\$ 2,874
04	CC	4	0.0/T31.5	Near Concord, on Route 4 from Route 80 to Route 160; also on Route 24 east of Caldecott Tunnel to Route 680. Place vegetation control, Maintenance Vehicle Pullout (MVP) and pave beyond gore.	4G980	0481D	2016/17	201.235	\$ 2,600	\$ 5	\$ 4,925	\$ 7,530
04	MRN	1	3.1/50.5	In Marin County, near Tamalpais-Homestead Valley, from 0.2 mile west of Erica Road to Valley Ford Road; also in Napa County, on Route 29, from PM 48.0 to PM 48.6. Install centerline rumble strips.	4H870	0487P	2016/17	201.010	\$ 3,350	\$ 5	\$ 5,061	\$ 8,416
04	NAP	29	11.9	In Napa, on southbound on-ramp from Solano Avenue to Route 29. Construct concrete barrier.	4G490	0116Q	2016/17	201.015	\$ 900	\$ 10	\$ 1,242	\$ 2,152

FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	SF	VAR	0	In San Francisco County, on Routes 35 and 82 at various locations; also in Santa Clara County, on Routes 82, 130, and 152 at various locations. Install pedestrian crosswalk safety enhancements.	4H751	0158G	2016/17	201.015	\$ 4,746	\$ 80	\$ 4,650	\$ 9,476
04	SCL	152	0.0/5.2	In Santa Clara, from Hecker pass to Uvas Creek. Environmental species mitigation.	2A252	0483R	2016/17	201.010	\$ 500	\$ 2,000	\$ 1	\$ 2,501
04	SCL	152	13.8/14.7	Near Gilroy, from 0.6 mile west to 0.2 mile east of the Prunedale Avenue intersection. Construct shoulders, install rumble strips and soft median barrier.	1G870	0730F	2016/17	201.010	\$ 2,936	\$ 441	\$ 4,660	\$ 8,037
04	SCL	237	R0.0/R0.2	In Mountain View, from El Camino Real (Route 82) to east of Church Street. Install median barrier.	2J660	1482M	2016/17	201.010	\$ 995	\$ 50	\$ 2,352	\$ 3,397
04	SCL	280	14.9	In Los Altos, on northbound off-ramp at El Monte Avenue. Realign off-ramp.	4H880	0211Z	2016/17	201.010	\$ 2,170	\$ 10	\$ 868	\$ 3,048
04	SCL	280	18.2/18.6	In and near Los Altos Hills, at ramps to Page Mill Road. Improve signing and striping at ramp intersections with local road.	2G350	0501A	2016/17	201.010	\$ 454	\$ 10	\$ 802	\$ 1,266
04	SCL	82	R11.3/13.6	In the city of Santa Clara, from Harrison Street to Alpine Avenue at various locations. Install pedestrian crosswalk safety enhancements. (Financial Contribution Only)	4H752	0158H	2016/17	201.015	\$ 104	\$ -	\$ 766	\$ 870
04	SCL	152	6.1/R35.2	In and near Gilroy, from 1.1 miles east of Watsonville Road to Merced County line. Install rumble strips.	4H860	0487N	2016/17	201.015	\$ 1,069	\$ 6	\$ 1,632	\$ 2,707
04	SCL	880	1.3/1.4	In San Jose, on northbound Route 880 off-ramp to westbound Bascom Avenue; also on southbound Route 880 off-ramp to Bascom Avenue. Construct concrete median barriers.	1G860	0730C	2016/17	201.015	\$ 991	\$ 53	\$ 1,830	\$ 2,874
04	SCL	85	2.0/4.5	In San Jose, from Cottle Road to south of Route 85/87 Separation at various locations. Pave between edge of shoulder and sound wall.	4G990	0085V	2016/17	201.235	\$ 980	\$ 5	\$ 2,075	\$ 3,060
04	SCL	101	17.8/41.1	In Santa Clara, San Mateo and San Francisco Counties, on various routes, various locations. Upgrade pump houses.	4G950	0086X	2016/17	201.235	\$ 2,431	\$ 5	\$ 1,980	\$ 4,416

FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	SCL	101	R28.5/40.7	Near San Jose, from Blossom Hill Road to Trimble Road at various locations. Pave beyond gore areas.	4H000	0085Y	2016/17	201.235	\$ 756	\$ 10	\$ 2,181	\$ 2,947
04	SOL	80	1.1/R25.1	In and near Vallejo, Fairfield and Vacaville, from Route 29 to Alamo Drive; also in Vallejo on Route 37 at Route 80 (PM R11.45). Install roadside safety improvements.	4G960	0481C	2016/17	201.235	\$ 1,586	\$ 15	\$ 2,573	\$ 4,174
04	SON	12	17.7/18.2	In Santa Rosa, from Farmers Lane to Brush Creek Road. Install concrete median barrier and Midwest Guardrail System.	4G220	0775F	2016/17	201.010	\$ 3,350	\$ 225	\$ 7,000	\$ 10,575
04	SON	101	R33.5/R43.4	In and near Healdsburg, from Grant Avenue undercrossing to Canyon Road undercrossing at various locations. Upgrade electroliers.	4G480	0780G	2016/17	201.010	\$ 1,150	\$ 10	\$ 1,090	\$ 2,250
TOTALS FY 2016/2017									\$ 36,376	\$ 3,010	\$ 56,977	\$ 96,363
04	ALA	92	R4.0/R5.5	In Hayward, from west of Clawiter Road to west of Hesperian Boulevard. Install safety lighting and upgrade lighting.	2J440	1482K	2017/18	201.010	\$ 2,205	\$ 10	\$ 3,300	\$ 5,515
04	ALA	123	2.8	In Berkeley, at Bancroft Way. Install traffic signal.	1J700	0481X	2017/18	201.010	\$ 1,328	\$ 20	\$ 850	\$ 2,198
04	ALA	238	R14.5/16.7	In and near San Lorenzo, from east of Mission Boulevard to 0.4 mile west of Hesperian Boulevard. Install and upgrade safety lighting.	2J670	1482N	2017/18	201.010	\$ 3,130	\$ 100	\$ 4,840	\$ 8,070
04	ALA	880	20.9	In San Leandro at the southbound off-ramp to southbound Route 238. Improve safety visibility by installing lighting and improving signs.	1J010	0488J	2017/18	201.010	\$ 968	\$ 10	\$ 765	\$ 1,743
04	ALA	VAR	0	In Alameda and Contra Costa Counties on various routes at various locations. Apply high friction surface treatment.	1J370	0488M	2017/18	201.010	\$ 3,494	\$ 25	\$ 6,715	\$ 10,234
04	CC	4	0	In and near Concord, from Route 680 to east of Bailey Road at three locations. Install safety lighting, high reflective striping and markings.	2J000	1480F	2017/18	201.010	\$ 2,532	\$ 217	\$ 3,933	\$ 6,682

FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	CC	680	13.9/22.7	In and near Walnut Creek, Pleasant Hill, and Concord, from Olympic Boulevard to Arthur Road. Install safety lighting.	0K840	1496B	2017/18	201.010	\$ 4,925	\$ 100	\$ 18,943	\$ 23,968
04	MRN	101	4.7/5.6	Near Mill Valley, from Redwood Highway Frontage Road to Route 131 (Tiburon Boulevard). Install concrete barrier.	4H980	0820K	2017/18	201.010	\$ 3,865	\$ 200	\$ 5,514	\$ 9,579
04	SM	VAR	0	On Routes 92, 101 and 280 in Daly City, San Bruno and San Mateo at four locations. Wet pavement conditions safety improvements.	3J900	1489C	2017/18	201.010	\$ 1,686	\$ 25	\$ 3,970	\$ 5,681
04	SCL	152	0.0/6.2	Near Gilroy, at various locations from Pole Line Road to Burchell Road. Planting and environmental mitigation.	2A251	0483Q	2017/18	201.010	\$ 1,700	\$ 1,000	\$ 1,100	\$ 3,800
04	SCL	152	16.2/19.5	Near Gilroy, from Old Lake Road to San Felipe Road. Environmental species mitigation.	2A442	0485Q	2017/18	201.010	\$ 600	\$ 913	\$ 1	\$ 1,514
04	SOL	12	19.2	Near Rio Vista, at the intersection of Route 12 and Route 113. Install roundabout.	4G560	8060A	2017/18	201.010	\$ 2,380	\$ 71	\$ 4,671	\$ 7,122
04	SOL	80	30.6/38.4	In and near Vacaville and Dixon, from west of Gibson Canyon Creek Bridge to Curry Road. Upgrade median barrier.	4A110	0876B	2017/18	201.010	\$ 5,000	\$ 10	\$ 14,700	\$ 19,710
04	SON	101	22.4	In Sonoma County on Routes 12, 101, 116 and 121 at various locations; also, in Napa County on Route 128 near Calistoga from PM 0.5 to 1.0. Place high friction surface treatment.	1J020	0481W	2017/18	201.010	\$ 1,050	\$ 5	\$ 2,295	\$ 3,350
04	SON	116	31.0/31.3	Near Sebastopol, at the intersection of Route 116 and Llano Road. Construct left-turn and merge lanes.	4G380	0817Q	2017/18	201.010	\$ 4,097	\$ 125	\$ 6,446	\$ 10,668
TOTALS FY 2017/2018									\$ 38,960	\$ 2,831	\$ 78,043	\$ 119,834
04	ALA	84	10.8/18.0	In Fremont, from Route 238 (Mission Boulevard) to Route 680. Widen shoulders, install traffic signals and upgrade barriers.	2A332	0076B	2018/19	201.010	\$ 18,300	\$ 2,000	\$ 19,500	\$ 39,800
04	ALA	13	VAR	In various cities, on Routes 13, 61, and 123 at various locations; also in Contra Costa County, on Route 123, at Eureka Avenue. Crosswalk safety enhancements.	0J470	0488Q	2018/19	201.015	\$ 3,061	\$ 260	\$ 3,320	\$ 6,641

FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	ALA	13	VAR	In various cities, on various routes, at various locations. Crosswalk safety enhancements.	3J110	1487Q	2018/19	201.015	\$ 2,572	\$ 50	\$ 4,040	\$ 6,662
04	ALA	84	VAR	In Oakland, San Leandro, Hayward and Fremont on Routes 84, 92, 112, 185 and 238 at various locations. Crosswalk safety enhancements.	1J600	0448R	2018/19	201.015	\$ 1,586	\$ 150	\$ 2,803	\$ 4,539
04	ALA	185	VAR	In Oakland, San Leandro, Hayward, Union City and Fremont on Routes 185, 238, and 262 at various locations. Crosswalk safety enhancements.	3J190	1487P	2018/19	201.015	\$ 1,716	\$ 10	\$ 1,711	\$ 3,437
04	ALA	880	4.8/11.3	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety improvements.	2J810	1483N	2018/19	201.235	\$ 2,464	\$ 10	\$ 4,918	\$ 7,392
04	CC	24	1.0/R2.5	In Orinda and Lafayette, from east of the Caldecott Tunnel to east of Camino Pablo and at Acalanes Road (PM R4.2/R4.99); also in Oakland on Route 13, at Redwood Road (PM 5.2/5.5). Install safety lighting.	1J990	1418C	2018/19	201.010	\$ 1,700	\$ 313	\$ 2,955	\$ 4,968
04	NAP	121	0.7	Near Napa, at Huichica Creek (PM 0.75). Roadway widening.	4G210	0775G	2018/19	201.010	\$ 4,270	\$ 220	\$ 8,700	\$ 13,190
04	SF	1	VAR	In the City of San Francisco, on Routes 1, 35, 80, 101 and 280 at various locations. Crosswalk safety enhancements.	3J890	1489B	2018/19	201.015	\$ 2,359	\$ 5	\$ 7,060	\$ 9,424
04	SM	280	R0.2/R3.4	In and near Woodside, at various locations (also Santa Clara County PM 20.4); also in the City and County of San Francisco on Route 101 at San Bruno Avenue off-ramp (PM 1.7). Construct maintenance worker safety improvements.	0J670	0481J	2018/19	201.235	\$ 2,200	\$ 10	\$ 2,678	\$ 4,888
04	SCL	680	M0.0/M9.9	In San Jose and Milpitas, from Route 101 to Scott Creek Road at various locations. Construct maintenance worker safety improvements.	0J660	0481T	2018/19	201.235	\$ 3,190	\$ 10	\$ 8,814	\$ 12,014
04	SON	12	9.5/31.3	In various cities on Routes 12, 101, and 116 at various locations; also in Marin County on Route 101 at various locations. Highway worker safety improvements.	0J680	0480E	2018/19	201.235	\$ 1,452	\$ 10	\$ 2,190	\$ 3,652

FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
TOTALS FY 2018/2019									\$ 44,870	\$ 3,048	\$ 68,689	\$ 116,607
04	ALA	80	4.5/R7.6	In Berkeley and Albany, from Route 13 to east of El Cerrito Separation. Install concrete median barriers and lighting.	3J700	1488S	2019/20	201.010	\$ 8,225	\$ 25	\$ 14,587	\$ 22,837
04	ALA	84	R.7/R3.1	In Fremont, from north end of Dumbarton Bridge to south of the Toll Plaza. Install outer separation barrier between route and frontage road.	4J750	1493F	2019/20	201.010	\$ 7,240	\$ 3,280	\$ 15,560	\$ 26,080
4	ALA	880	20.9	In San Leandro, at the southbound Route 880/238 connector off-ramp to Washington Avenue. Reconstruct and signalize off-ramp.	4J730	1491G	2019/20	201.010	\$3,825	\$150	\$3,445	\$7,420
04	CC	80	0.0/14.1	In various cities from the Alameda County line to the Solano County line; also on Route 242, 580, and 680 at various locations. Construct maintenance worker safety improvements	2J820	1483P	2019/20	201.235	\$ 1,789	\$ 5	\$ 2,630	\$ 4,424
4	SCL	101	R9.0	In and near Morgan Hill, from south of Masten Avenue to East Main Avenue. Install edgeline and shoulder rumble strips, concrete barrier and enhanced wet-night visibility striping.	2J890	1483F	2019/20	201.010	\$1,055	\$10	\$1,760	\$2,825
04	SCL	152	21.8/R35.2	Near Gilroy, from east of Dunne Street/San Felipe Road to the Merced County line. Place median barrier.	0J800	0480K	2019/20	201.010	\$ 4,858	\$ 60	\$ 10,984	\$ 15,902
4	SCL	280	11.3	In Cupertino, at northbound off-ramp to Foothill Expressway. Upgrade traffic signal system for right-turn movement.	3J710	1488N	2019/20	201.010	\$1,047	\$180	\$982	\$2,209
4	SF	101	0.0	In the city and county of San Francisco, from San Mateo County Line to Route 101/80 junction. Overlay existing pavement with open graded asphalt, groove concrete pavement, and upgrade drainage system.	4J390	1490F	2019/20	201.010	\$6,230	\$20	\$21,970	\$28,220
04	SM	82	13.7	Near Burlingame and Hillsborough city limits, at the intersection of Route 82 and Floribunda Avenue. Install left turn signal.	1G020	0686	2019/20	201.010	\$ 5,350	\$ 1,765	\$ 2,610	\$ 9,725

FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)

FOR 2015/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	SON	121	3.4/6.5	Near Schellville, from north of Tolay Creek Bridge to south of Yellow Creek Bridge. Widen for standard shoulders, upgrade curves to standard, and install rumble strips.	0G680	0738	2019/20	201.010	\$ 12,250	\$ 6,264	\$ 25,000	\$ 43,514
TOTALS FY 2019/2020									\$ 51,869	\$ 11,759	\$ 99,528	\$ 163,156
SHOPP - Collision Reduction NEW REQUESTED TOTAL									\$ 172,075	\$ 20,648	\$ 303,237	\$ 495,960
SHOPP - Collision Reduction PROGRAMMED TOTAL									\$ 161,225	\$ 20,138	\$ 274,794	\$ 456,157
SHOPP - Collision Reduction DIFFERENCE TOTAL									\$ 10,850	\$ 510	\$ 28,443	\$ 39,803

**GL: Emergency Relief –
SHOPP Emergency Response Program
(TIP ID – VAR170008)**

Last updated with 2017-19

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
SHOPP - Emergency Response												
04	ALA	123	.2	In Emeryville, at MacArthur Boulevard ramps to Route 580 and San Pablo Avenue Overcrossing (Route 123). Construct subsurface and horizontal drains, and reconstruct pavement.	2K460	1451E	2016/17	201.130	\$ 1,600	\$ -	\$ 5,850	\$ 7,450
4	ALA	13	4.4	In Oakland, at Calaveras Avenue. Reconstruct embankment slipout, stabilize slope, and construct soldier pile retaining wall.	4K470	1457K	2016/17	201.130	\$2,980	\$150	\$6,000	\$9,130
4	ALA	13	R9.2	In Oakland, at 0.1 mile north of Broadway Terrace. Backfill sinkhole, replace damaged culvert, and reconstruct roadway.	4K250	1456C	2016/17	201.130	\$900	\$0	\$2,000	\$2,900
4	ALA	238	R14.5	In Hayward, from Route 580 to Route 880. Repair storm damaged roadway.	0P200	1461N	2016/17	201.130	\$360	\$0	\$1,250	\$1,610
4	ALA	580	R1.5	Near Livermore, from 1.5 miles west of the San Joaquin County line to 1.9 miles east of North Flynn Road. Repair water saturated asphalt pavement with asphalt overlay and digout repairs.	4K260	1456D	2016/17	201.130	\$900	\$0	\$2,000	\$2,900
4	ALA	580	R36.8	In Oakland, from Oak Knoll Boulevard to 0.4 mile east of Seminary Avenue. Stabilize embankment settlement, repair drainage systems, and restore roadway.	4K920	1460K	2016/17	201.130	\$400	\$0	\$1,150	\$1,550
4	ALA	680	M0.4	In Fremont, at Scott Creek Road southbound off-ramp. Repair embankment slipout and place RSP.	0P210	1461P	2016/17	201.130	\$150	\$0	\$600	\$750
4	ALA	84	R22.2	Near Livermore, from 0.8 mile west of Ruby Hill Drive to 0.5 mile west of Ruby Hill Drive. Remove slide debris and repair concrete lined drainage ditches.	4K760	1459G	2016/17	201.130	\$905	\$75	\$2,450	\$3,430
04	ALA	880	2.4	In Fremont, at Warren Avenue. Install pressure grouting.	1SS43	0070A	2016/17	201.131	\$ 3,014	\$ 80	\$ 6,016	\$ 9,110
4	MRN	1	0.1	Near Mill Valley, at Richardson Bay Bridge and Separation. Modify drainage systems, relocate electrical facilities, and repair roadway.	0P000	1461F	2016/17	201.130	\$425	\$30	\$1,100	\$1,555

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
4	MRN	1	1.6	Near Muir Beach, from 0.1 mile north of Shasta Way to W. California Avenue. Reconstruct embankment slipout, construct sheet pile wall shoring, construct timber retaining wall, and install rock slope protection (RSP) to temporarily stabilize roadway.	4K490	1458A	2016/17	201.130	\$940	\$30	\$2,500	\$3,470
4	MRN	1	4.0	Near Muir Beach, from 0.7 mile to 1.7 miles north of Panoramic Highway South. Repair slope failure by constructing soldier pile retaining wall and replace culvert.	4K150	1455E	2016/17	201.130	\$3,200	\$200	\$7,000	\$10,400
4	MRN	1	10.9	Near Stinson Beach, at 1.3 miles south of Panoramic Highway north. Repair slope slipout by constructing soldier pile retaining wall.	4K240	1456B	2016/17	201.130	\$2,400	\$200	\$3,000	\$5,600
4	MRN	1	11.5	Near Stinson Beach, at 0.6 mile south of Panoramic Highway. Repair slipout, construct soldier pile retaining wall, and restore roadway.	0P130	1461G	2016/17	201.130	\$2,860	\$200	\$8,000	\$11,060
4	MRN	1	22.8	Near Olema, at Olema Creek Bridge No. 27-0020. Construct sheet pile retaining wall and replace culvert.	4K850	1460C	2016/17	201.130	\$1,480	\$250	\$4,000	\$5,730
4	MRN	1	33.4	Near Point Reyes Station, at Millerton Gulch Bridge No. 27-0114. Reconstruct embankment washout, strengthen bio-armoring of slope, repair drainage system, and construct sheet pile retaining wall.	4K500	1458B	2016/17	201.130	\$1,075	\$30	\$2,600	\$3,705
4	MRN	1	35.3	Near Marshall, at 3.2 miles south of Marshall Petaluma Road. Reconstruct embankment washout and modify drainage system.	4K860	1460D	2016/17	201.130	\$375	\$30	\$1,400	\$1,805
4	MRN	37	R11.7	In and near Novato, from Route 101 to Novato Creek Bridge. Stabilize embankment slipout, install drainage system, construct concrete barrier, and repair flooded and saturated roadway.	4K330	1456J	2016/17	201.130	\$3,400	\$20	\$8,000	\$11,420
04	MRN	1	2.2	Near Mill Valley, at 0.2 mile north of Loring Avenue. Construct an earth retaining system and improve drainage.	1SS58	0312T	2016/17	201.131	\$ 2,500	\$ 55	\$ 2,400	\$ 4,955

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	MRN	1	6.6	Near Muir Beach, 0.3 mile north of Seacape Drive. Construct tie-back wall.	3S900	0713F	2016/17	201.131	\$ 4,934	\$ 285	\$ 5,860	\$ 11,079
04	MRN	1	8.1	Near Muir Beach, at Cold Stream Road. Construct retaining wall.	4S660	0308J	2016/17	201.131	\$ 2,869	\$ 100	\$ 2,200	\$ 5,169
04	MRN	1	7.7/7.8	Near Muir Beach, 0.2 mile north of Cold Stream Fire Road. Construct tie-back wall.	3S910	0713G	2016/17	201.131	\$ 4,152	\$ 157	\$ 6,174	\$ 10,483
04	MRN	101	10.1	In San Rafael, at the Route 101/580 interchange. Repair sinking pavement and drainage systems.	2J480	1487B	2016/17	201.131	\$ 1,241	\$ 10	\$ 2,661	\$ 3,912
04	MRN	101	6/6.9	In and near Corte Madera, from 1.4 miles to 0.5 mile south of Tamalpais Drive. Reconstruct culvert riser and repair slope.	1K630	1498J	2016/17	201.131	\$ 550	\$ -	\$ 1,500	\$ 2,050
4	NAP	128	17.8	Near Rutherford, at 1.2 miles west of Berryessa Knoxville Road. Remove slide debris and stabilize slope.	4K340	1456M	2016/17	201.130	\$200	\$10	\$400	\$610
4	SCL	101	R26.7	In San Jose, at Route 101-85/S101 HOV Connector Separation No. 37-0628E. Repair approach slabs and roadway settlement.	0P460	1462B	2016/17	201.130	\$400	\$0	\$1,100	\$1,500
4	SCL	101	52.2	In Palo Alto, at Embarcadero Road Overcrossing No. 37-0150. Replace reinforced concrete girder.	4K790	1459J	2016/17	201.130	\$400	\$0	\$1,050	\$1,450
4	SCL	130	9.3	Near San Jose, at 2.0 miles west of Quimby Road. Repair washout conditions of roadway with constructing tie-back retaining wall and sheet pile retaining wall.	4K680	1458V	2016/17	201.130	\$2,075	\$150	\$3,770	\$5,995
4	SCL	152	1.5	Near Gilroy, at 1.5 miles east of Pole Line Road. Remove slide debris, stabilize slope, and construct debris barrier.	4K380	1457A	2016/17	201.130	\$950	\$10	\$2,500	\$3,460
4	SCL	152	7.9	In Gilroy, from Santa Teresa Boulevard to Monterey Road. Repair storm damaged roadway.	4K620	1458Q	2016/17	201.130	\$300	\$0	\$1,000	\$1,300
4	SCL	152	R17.0	Near Gilroy, at 0.8 mile east of Lake Road. Repair washout, construct sheet pile retaining wall, and repair roadway.	4K420	1457E	2016/17	201.130	\$900	\$5	\$2,000	\$2,905
4	SCL	17	3.0	Near Los Gatos, at 0.5 mile north of Idylwild Road. Reconstruct embankment sinkhole, reconstruct slope, inject grout in voids, and repair culverts.	4K410	1457D	2016/17	201.130	\$900	\$10	\$2,100	\$3,010

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
4	SCL	17	5.8	Near Los Gatos, at 0.7 mile south of East Main Street. Remove slide debris, stabilize slope, and construct soil nail retaining wall.	4K230	1456A	2016/17	201.130	\$1,390	\$60	\$2,600	\$4,050
4	SCL	280		In San Jose at various locations, the Southwest Expressway pump station (PM 2.9), Bird Avenue pump station (PM 3.8) and Menker Avenue pump station (PM 4.4); also in San Mateo County, at Ravenswood pump station (PM 28.0). Replace and/or repair failed pump station components.	1K520	1498E	2016/17	201.130	\$560	\$0	\$2,220	\$2,780
4	SCL	35	9.5	Near Los Gatos, from 0.3 mile north of Las Cumbres Road to 1.2 miles north of Las Cumbres Road. Stabilize slipout, construct detour, and provide traffic control to escort local traffic.	4K640	1458S	2016/17	201.130	\$500	\$10	\$1,000	\$1,510
4	SCL	35	9.5	Near Los Gatos, at 0.3 mile north of Las Cumbres Road. Repair embankment slipout, construct tieback retaining wall, and repair roadway.	4K710	1459A	2016/17	201.130	\$1,550	\$200	\$3,000	\$4,750
4	SCL	35	10.5	Near Los Gatos, at 1.2 miles north of Las Cumbres Road. Construct soldier pile walls, reconstruct embankment washout, restore roadway.	4K800	1459K	2016/17	201.130	\$7,800	\$2,000	\$27,610	\$37,410
4	SCL	35	12.4	Near Saratoga, at 1.6 miles south of Route 9. Repair sinkhole and repair culvert.	4K930	1460L	2016/17	201.130	\$485	\$50	\$1,300	\$1,835
4	SCL	9	0.0	Near Saratoga, from Santa Cruz County line to Sanborn Road. Remove slide debris, repair roadway, and establish safe working conditions of failed slope to initiate geotechnical investigations.	4K270	1456E	2016/17	201.130	\$450	\$10	\$1,500	\$1,960
4	SM	1	13.5	Near Pescadero, from 0.1 mile south of Pescadero Creek Road to 1.5 miles north of Pescadero Creek. Construct gabion retaining wall, place RSP, and construct sheet pile retaining wall.	0P160	1461H	2016/17	201.130	\$1,335	\$50	\$3,600	\$4,985

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
4	SM	1	17.0	Near San Gregorio, from 1.2 miles south of Route 84 to 0.7 mile south of Route 84. Repair slipout, construct soldier pile tie-back retaining wall, and install rock slope protection (RSP).	4K460	1457J	2016/17	201.130	\$1,825	\$210	\$3,000	\$5,035
4	SM	101	3.5	In and near Redwood City, from Marsh Road to Route 92. Repair water saturated asphalt pavement with asphalt overlay and digout repairs.	4K320	1456K	2016/17	201.130	\$350	\$0	\$700	\$1,050
4	SM	101	11.9	In the city of San Mateo, at Route 92/101 Separation No. 35-0252R. Replace failed bridge joint seal.	3K130	1453M	2016/17	201.130	\$225	\$0	\$500	\$725
4	SM	101	17.5	In Millbrae, from 0.4 mile south of Millbrae Avenue to San Francisco County line; also in San Francisco, from Alana Way to Silver Avenue (PM 0.0 to PM 1.8). Repair storm damaged roadway.	4K280	1456G	2016/17	201.130	\$450	\$0	\$1,500	\$1,950
4	SM	280	R20.4	In San Bruno, at 0.2 mile north of Jenevein Avenue. Reconstruct embankment washout, replace culverts, and place RSP.	0P280	1461R	2016/17	201.130	\$325	\$30	\$850	\$1,205
4	SM	35	9.8	Near Sky Londa, at 0.1 mile north of Chapman Road. Repair slipout with constructing soldier pile tie-back retaining wall.	4K480	1457M	2016/17	201.130	\$1,825	\$210	\$3,000	\$5,035
4	SM	35	11.5	Near Sky Londa, at 0.6 mile north of Morse Lane. Stabilize slide, construct sheet pile retaining wall, and construct two tie-back retaining walls.	4K550	1458G	2016/17	201.130	\$2,550	\$200	\$6,000	\$8,750
4	SM	35	13.1	Near Sky Londa, at 0.1 mile north of Bear Gulch Road. Repair slipout and construct soldier pile retaining wall.	4K210	1456F	2016/17	201.130	\$1,140	\$150	\$1,800	\$3,090
4	SM	84	7.8	Near La Honda, from 0.5 mile west of Pescadero Creek Road to 0.5 mile east of Pescadero Creek Road. Reconstruct embankment washouts and place RSP.	4K890	1460G	2016/17	201.130	\$430	\$30	\$1,200	\$1,660
4	SM	84	12.0	Near Sky Londa, from 0.3 mile west of Old La Honda Road to 0.2 mile east of Old La Honda Road. Stabilize slide, replace culvert and restore roadway.	4K900	1460H	2016/17	201.130	\$150	\$5	\$450	\$605

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
4	SM	84	15.4	Near Sky Londa, at Grandview Drive. Repair slope failure by constructing soldier pile tie-back retaining wall and repair pavement.	4K160	1455F	2016/17	201.130	\$2,100	\$200	\$3,500	\$5,800
4	SM	84	16.3	Near Sky Londa, from 0.3 mile east of Friars Lane to 0.5 mile west of Fox Hill Road. Reconstruct embankment slipouts and construct soldier pile retaining walls.	0P490	1462D	2016/17	201.130	\$1,690	\$300	\$4,330	\$6,320
4	SM	92	0.9	Near Half Moon Bay, at 0.7 mile east of Main Street. Repair slipout, construct soldier pile retaining wall, and restore roadway.	0P150	1461Q	2016/17	201.130	\$840	\$200	\$2,000	\$3,040
04	SM	1	4.2/4.4	Near Ano Nuevo Park, at Rossi Road. Repair slipout.	4G650	0045Q	2016/17	201.131	\$ 2,310	\$ 100	\$ 2,800	\$ 5,210
04	SM	1	39.6/40.1	Near Pacifica, at the Tom Lantos Tunnels. Perform outstanding environmental mitigation commitments.	2K910	1452M	2016/17	201.131	\$ 1,525	\$ 25	\$ 1,975	\$ 3,525
04	SM	280	9.4	Near Belmont, at 1.4 miles south of Route 92. Repair pipe system and backfill sinkhole environmental mitigation.	4G592	0729R	2016/17	201.131	\$ 70	\$ -	\$ 400	\$ 470
4	SOL	113	4.0	Near Dixon, from Robinson Road to 0.3 mile south of Midway Road. Repair storm damaged roadway.	4K940	1460M	2016/17	201.130	\$540	\$0	\$1,800	\$2,340
4	SOL	113	5.5	Near Dixon, at 1.5 miles north of Creed Road. Stabilize slope washout, reconstruct culvert and repair pavement.	4K170	1455G	2016/17	201.130	\$600	\$10	\$1,000	\$1,610
4	SOL	12	7.4	Near Fairfield, from 0.1 mile west of Lawler Ranch Parkway to 0.1 mile west of Olsen Road. Repair storm damaged roadway.	4K650	1458T	2016/17	201.130	\$660	\$0	\$2,200	\$2,860
4	SOL	128	0.4	Near Winters, from 0.2 mile west of Yolo County line to 0.3 mile west of the Yolo County line. Remove slide debris requiring rock blasting and pavement repair.	4K180	1455H	2016/17	201.130	\$300	\$10	\$800	\$1,110
4	SON	1	25.1	Near Jenner, from 0.6 mile north of Russian Gulch State Beach to 1.2 miles south of Meyers Grade Road. Repair slipout, construct soldier pile tie-back retaining wall, and repair roadway.	4K390	1457B	2016/17	201.130	\$2,500	\$210	\$5,000	\$7,710

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
4	SON	1	31.9	Near Fort Ross State Park, at 1.1 miles south of Fort Ross Road. Stabilize slide, construct retaining wall, and repair asphalt roadway.	4K660	1458U	2016/17	201.130	\$300	\$10	\$600	\$910
4	SON	101	1.2	Near Petaluma, at 0.3 mile south of Tunzi Road. Stabilize slope, place RSP, and repair drainage system.	4K360	1456P	2016/17	201.130	\$350	\$0	\$1,000	\$1,350
4	SON	101	37.1	In Healdsburg, at 0.9 mile north of Dry Creek Road. Remove slide debris and construct soldier pile tieback retaining wall.	4K450	1457H	2016/17	201.130	\$2,225	\$210	\$3,000	\$5,435
4	SON	116	39.9	Near Lakeville, from 0.6 mile east of Lakeville Highway to 0.9 mile east of Lakeville Highway. Reconstruct embankment slipout and repair roadway.	4K960	1460P	2016/17	201.130	\$640	\$200	\$1,700	\$2,540
4	SON	116	43.3	Near Temelec, at 0.1 mile east of County Dump Road. Reconstruct slipout embankment and replace storm damaged culvert.	4K290	1456H	2016/17	201.130	\$450	\$10	\$1,000	\$1,460
4	SON	12	T17.6	In Santa Rosa, from 0.2 mile west of Hoen Avenue to 0.1 mile east of Brush Creek Road. Repair storm damaged roadway.	0P180	1461E	2016/17	201.130	\$175	\$0	\$400	\$575
4	SON	128	1.3	Near Cloverdale, at 3.5 miles west of North Cloverdale Boulevard. Repair slipout and construct soldier pile tieback retaining wall.	4K430	1457F	2016/17	201.130	\$1,900	\$210	\$2,500	\$4,610
4	SON	128	16.2	Near Kellogg, at Maacama Creek. Install temporary rock slope protection (RSP) until water levels recede, then construct permanent bio-armament to strengthen eroded embankment.	4K200	1455K	2016/17	201.130	\$700	\$10	\$1,500	\$2,210
04	SON	1	19.6	In San Mateo County in the city of Millbrae, off highway 280, 0.1 miles west of Larkspur Drive. Replace and upgrade North and South Larkspur pumps and electrical controls.	4S920	1770A	2016/17	201.131	\$ 2,476	\$ 100	\$ 1,450	\$ 4,026
TOTALS FY 2016/2017									\$ 95,426	\$ 7,107	\$ 200,416	\$ 302,949

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	ALA	13	4.9	In Oakland, at 0.1 mile south of Carson Street. Plant establishment and biological monitoring.	4J260	1490H	2017/18	201.131	\$ 290	\$ -	\$ 200	\$ 490
04	CC	4	48.1/48.3	Near Discovery Bay, at 0.1 mile west of Old River Bridge. Construct retaining walls to repair storm damage slip-outs.	2J590	1484C	2017/18	201.131	\$ 1,888	\$ 5	\$ 2,527	\$ 4,420
04	CC	680	11.5/11.8	Near Alamo, on southbound of Route 680, between Rudgear Road and Livorna Road. Repair slide.	0J380	0482S	2017/18	201.131	\$ 3,413	\$ 500	\$ 5,750	\$ 9,663
04	MRN	1	0.3	Near Mill Valley, at Tennessee Valley Road. Repair roadway slip-out.	2J560	1485J	2017/18	201.131	\$ 3,168	\$ 150	\$ 1,515	\$ 4,833
04	MRN	1	24.7	Near Olema, 1.8 miles south of Olema. Replace culvert with a bridge.	4S780	0315D	2017/18	201.131	\$ 4,400	\$ 90	\$ 2,650	\$ 7,140
04	NAP	121	14.8	Near Napa, at 1.5 miles south of Wooden Valley Road. Install rock bolts and flexible cable mesh to mitigate rockfall.	3J740	1488Q	2017/18	201.131	\$ 1,035	\$ 144	\$ 891	\$ 2,070
04	NAP	121	20.5/20.7	Near the city of Napa, at south of Route 128. Embankment stabilization and culvert repair.	2J570	1485Q	2017/18	201.131	\$ 1,364	\$ 65	\$ 1,822	\$ 3,251
04	SM	1	0.3	Near Pigeon Point, at 0.3 mile north of the Santa Cruz County line. Construct rock slope protection (RSP) and install drainage system.	0J210	0482K	2017/18	201.131	\$ 770	\$ 40	\$ 740	\$ 1,550
04	SM	92	6.0	Near San Mateo, east of Route 35. Construct rock slope protection (RSP).	0J140	0482D	2017/18	201.131	\$ 1,025	\$ 65	\$ 615	\$ 1,705
04	SCL	101	R5.1	In Gilroy, at 0.5 mile north of Monterey Road. Fill voids under pavement and repair eroded embankment slope.	2J460	1485C	2017/18	201.131	\$ 548	\$ 10	\$ 564	\$ 1,122
04	SON	1	22.5	Near Jenner, at 2.4 miles north of Route 116. Repair fire damaged retaining wall.	1J750	1481A	2017/18	201.131	\$ 1,081	\$ 10	\$ 1,370	\$ 2,461
04	SON	1	15.1/15.8	Near Camet, 0.1 mile north of Del Sol Road. Realign roadway.	0A020	0748E	2017/18	201.131	\$ 17,500	\$ 5,000	\$ 24,300	\$ 46,800
04	SON	1	24.3/24.4	Near Jenner, at 1.5 miles south of Myers Grade Road. Repair roadway slip-outs.	2J540	1485P	2017/18	201.131	\$ 3,980	\$ 150	\$ 4,180	\$ 8,310
04	SON	37	0.3	Near Novato, at the Petaluma River Bridge No. 27-0013. Restore eastern bridge approach settlement.	2J500	1487C	2017/18	201.131	\$ 1,600	\$ 10	\$ 1,805	\$ 3,415

FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	SON	101	33.5	In and near Healdsburg, at Old Redwood Highway/Grant Undercrossing Bridge No. 20-0067L/R. Upgrade drainage elements and restore erosion and settlement damage.	2J550	1485H	2017/18	201.131	\$ 2,110	\$ 40	\$ 3,850	\$ 6,000
TOTALS FY 2017/2018									\$ 44,172	\$ 6,279	\$ 52,779	\$ 103,230
04	SON	101	9.0	Near Petaluma, north of Pepper Road. Repair slide.	0J100	0481B	2018/19	201.131	\$ 2,273	\$ 850	\$ 800	\$ 3,923
TOTALS FY 2018/2019									\$ 2,273	\$ 850	\$ 800	\$ 3,923
4	MRN	101	0.2	Near Sausalito, at 0.1 mile south of Alexander Avenue. Restore damaged drainage systems.	4J420	1492J	2019/20	201.131	\$2,637	\$13	\$909	\$3,559
4	SCL	17	3.1	Near Los Gatos, approximately 0.3 mile south of Alma College Road. Modify drainage system and repair slope washout.	4J020	1499D	2019/20	201.131	\$1,221	\$20	\$529	\$1,770
4	SOL	680	R1.9	In Benicia, from north of Industrial Way to south of Lake Herman Road. Repair slip-outs and stabilize slope.	4J040	1498M	2019/20	201.131	\$1,617	\$38	\$1,040	\$2,695
TOTALS FY 2019/2020									\$ 5,475	\$ 71	\$ 2,478	\$ 8,024
SHOPP - ER NEW REQUESTED TOTAL									\$ 147,346	\$ 14,307	\$ 256,473	\$ 418,126
SHOPP - ER PROGRAMMED TOTAL									\$ 70,473	\$ 6,811	\$ 94,217	\$ 171,501
SHOPP - ER DIFFERENCE TOTAL									\$ 76,873	\$ 7,496	\$ 162,256	\$ 246,625

**GL: Bridge Rehabilitation and
Reconstruction – SHOPP Program
(TIP ID – VAR170010)**

Last updated with 2017-19

FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist		Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
SHOPP - Bridge Preservation												
04	ALA	580	44.3	In Oakland, at Oakland Avenue Undercrossing No. 33-0288. Rehabilitate bridge deck.	4G790	0135Q	2016/17	201.110	\$ 2,536	\$ 5	\$ 5,300	\$ 7,841
04	CC	242	R1.6	In Concord, at Buchanan Field Viaduct No. 28-0186. Rehabilitate bridge.	4G810	0250B	2016/17	201.110	\$ 1,891	\$ 495	\$ 1,824	\$ 4,210
04	CC	580	5.8	In Richmond, at Scofield Avenue Undercrossing No. 28-140L/R. Seismic retrofit.	4G890	0086R	2016/17	201.113	\$ 3,547	\$ 500	\$ 4,460	\$ 8,507
04	MRN	101	15.4	Near San Rafael on Route 101 at Miller Creek Bridge No. 27-0004. Scour mitigation.	4G871	0487Q	2016/17	201.111	\$ 860	\$ 50	\$ 965	\$ 1,875
04	NAP	29	47.0/47.2	Near Calistoga, at Troutdale Creek Bridge No. 21-0004. Plant establishment.	4A09A	0382E	2016/17	201.111	\$ 175	\$ 5	\$ 100	\$ 280
04	NAP	29	37	In Calistoga, at Napa River Bridge No. 21-0018. Replace bridge.	3G641	0587G	2016/17	201.111	\$ 6,850	\$ 1,282	\$ 8,704	\$ 16,836
04	SM	1	44.0	In Pacifica, at San Jose avenue Pedestrian Overcrossing No. 35-0240. Replace bridge.	4G850	0681Q	2016/17	201.110	\$ 3,775	\$ 5	\$ 4,445	\$ 8,225
04	SCL	85	R20.0	Near Sunnyvale, at Stevens Creek Bridge No. 37-0185, 0.2 mile north of Fremont Avenue undercrossing. Overlay southbound deck with polyester concrete and overlay northbound deck with reinforced concrete.	4G830	0440Q	2016/17	201.110	\$ 1,532	\$ 10	\$ 4,319	\$ 5,861
04	SCL	152	6.1/6.5	Near Gilroy, at Uvas Creek. Required environmental species mitigation for bridge replacement project EA 04-44880.	44884	0487M	2016/17	201.111	\$ 330	\$ -	\$ 800	\$ 1,130
TOTALS FY 2016/2017									\$ 21,496	\$ 2,352	\$ 30,917	\$ 54,765
04	ALA	880	30.5/0	In Oakland, at Lake Merrit Channel Bridge No. 33-0027 and 5th Avenue overhead. Bridge replacement.	4A800	0050N	2017/18	201.110	\$ 3,220	\$ 6,800	\$ 4,450	\$ 14,470
04	ALA	580	R26.8/R27.2	In Castro Valley, on eastbound East Castro Valley Boulevard Undercrossing No. 33-0235L. Replace bridge deck.	4G800	0130B	2017/18	201.110	\$ 2,788	\$ 27	\$ 4,000	\$ 6,815
04	ALA	880	10.7	In Fremont, at Crandall Creek Bridge No. 33-0273. Seismic retrofit.	4G880	0086Q	2017/18	201.113	\$ 4,510	\$ 20	\$ 5,400	\$ 9,930

FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL	
04	ALA	238	R14.6	Between Livermore and Hayward, at East Connector Separation Bridge No. 33-0524F, N238/S880 Connector Bridge No. 33-0540G and I-580 Arroyo Seco Bridge No. 33-0066. Bridge maintenance.	4H080	0448E	2017/18	201.119	\$ 3,747	\$ 20	\$ 7,164	\$ 10,931
04	MRN	101	10.6/10.9	In San Rafael, from Route 101 northbound off-ramp to 2nd Street at San Rafael Harbor Bridge No. 27-0033. Replace bridge.	4G820	0350H	2017/18	201.110	\$ 5,671	\$ 570	\$ 8,546	\$ 14,787
04	NAP	128	19.7/20.7	Near Napa, at Capell Creek Bridge No. 21-0078. Rehabilitate bridge.	4G840	0830B	2017/18	201.110	\$ 5,936	\$ 239	\$ 12,710	\$ 18,885
04	NAP	121	9.2/9.4	Near Napa, at Sarco Creek Bridge No. 21-0008. Plant establishment for bridge replacement project.	2A32A	0380N	2017/18	201.111	\$ 150	\$ 100	\$ 100	\$ 350
04	NAP	128	R7.4	Near Rutherford, at Conn Creek Bridge No. 21-0021. Replace bridge.	1G430	0587H	2017/18	201.111	\$ 6,938	\$ 3,800	\$ 7,165	\$ 17,903
04	NAP	121	6.4	In Napa, at Tulucay Creek Bridge No. 21-0003. Repair bridge girders.	4G920	0086U	2017/18	201.119	\$ 1,455	\$ 262	\$ 2,170	\$ 3,887
04	SOL	80	13.9	Near Fairfield, at Dan Wilson Creek Bridge No. 23-0006. Rehabilitate bridge.	3G690	8315N	2017/18	201.110	\$ 2,442	\$ 145	\$ 2,600	\$ 5,187
TOTALS FY 2017/2018								\$ 36,857	\$ 11,983	\$ 54,305	\$ 103,145	
04	ALA	84	13.0/13.6	In Fremont, at Alameda Creek Bridge No. 33-36. Replace bridge. (G13 Contingency Project)	16030	0084B	2018/19	201.110	\$ 12,799	\$ 275	\$ -	\$ 13,074
04	MRN	1	28.5	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge. (G13 Contingency Project)	0G642	0756K	2018/19	201.113	\$ 4,385	\$ 2,691	\$ -	\$ 7,076
04	MRN	1	33.4	Near Point Reyes Station, at Millerton Gulch Bridge No. 27-0114. Repair damaged embankment and construct retaining wall.	0J570	0480C	2018/19	201.119	\$ 3,710	\$ 450	\$ 4,020	\$ 8,180
04	SOL	84	12.1/12.2	Near Rio Vista, at Miner Slough Bridge No. 23-0035. Replace bridge. (G13 Contingency Project)	0G660	0886	2018/19	201.110	\$ 7,598	\$ 2,884	\$ -	\$ 10,482

FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL	
04	SOL	80	1.8/4.4	In Vallejo, from Magazine Street Overcrossing (No. 23-0066) to Redwood Street Overcrossing (No. 23-0114). Increase vertical clearance at six overcrossing structures.	0J710	0481R	2018/19	201.322	\$ 6,037	\$ 10	\$ 15,951	\$ 21,998
TOTALS FY 2018/2019								\$ 34,529	\$ 6,310	\$ 19,971	\$ 60,810	
04	ALA	580	R8.0	Near Livermore, near Greenville Road at Greenville Overhead Bridge No. 33-0121R. Rehabilitate westbound structure.	0J520	0480J	2019/20	201.110	\$ 2,620	\$ 140	\$ 5,979	\$ 8,739
04	ALA	880	11.3/12.3	In Fremont, from 0.5 mile south to 0.5 mile north of Patterson Slough Bridge No. 33-0250 (PM 11.8). Bridge rehabilitation. (G13 Contingency Project)	0J530	0480A	2019/20	201.110	\$ 4,884	\$ 427	\$ -	\$ 5,311
4	ALA	80	5.8	In Berkeley, at University Avenue Overcrossing No. 33-0023. Establish standard vertical clearance. □ (PA&ED Only)	2K830	1452H	2019/20	201.322	\$3,380	\$0	\$0	\$3,380
4	ALA	80		In Oakland, at the Routes 80/580/680 MacArthur Maze (Bridge No. 33-0061R, 33-0061L, 33-0061L and 33-0611L). Establish standard vertical clearance. □ (PA&ED Only)	4K810	1460R	2019/20	201.322	\$6,600	\$0	\$0	\$6,600
04	ALA	84	17.2	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Bridge scour mitigation and bridge rail upgrade.	0J550	0481M	2019/20	201.111	\$ 6,739	\$ 5	\$ 6,970	\$ 13,714
04	CC	580	1.2	In Richmond, at Stege Drain Bridge No. 28-0091. Bridge rehabilitation.	2J720	1482Q	2019/20	201.110	\$ 2,569	\$ 5	\$ 5,828	\$ 8,402
04	NAP	121	18.6	Near Napa, at Capell Creek Bridge No. 21-0064. Bridge rehabilitation.	4J210	1489K	2019/20	201.110	\$ 2,060	\$ 225	\$ 2,440	\$ 4,725
04	NAP	29	37	In Calistoga, at Napa River Bridge No. 21-0018. Environmental mitigation and plant establishment for bridge replacement project.	3G64A	0587M	2019/20	201.111	\$ 750	\$ 85	\$ 500	\$ 1,335
04	NAP	29	39.1	Near Calistoga, at Garnett Creek Bridge No. 21-0005. Bridge preventative maintenance.	2J880	1483E	2019/20	201.119	\$ 3,850	\$ 317	\$ 1,100	\$ 5,267

FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist		Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	NAP	29	32.1/42.8	In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance.	2J770	1482P	2019/20	201.119	\$ 2,696	\$ 495	\$ 2,844	\$ 6,035
04	SCL	9	4.9	Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	3G630	0386F	2019/20	201.110	\$ 6,122	\$ 6,779	\$ 11,668	\$ 24,569
04	SCL	101	VAR	In various cities, on Routes 101 and 237 at various locations. Bridge rail upgrade at 8 locations. (G13 Contingency Project)	0J560	0481H	2019/20	201.112	\$ 4,080	\$ 30	\$ -	\$ 4,110
04	SCL	280	R2.9/17.8	In San Jose, at Bird Avenue Overcrossing Bridge No. 37-0267 (PM R2.78); also in Los Altos Hills at Arastradero Road Undercrossing Bridge No. 37-0251 L/R (PM 17.8). Bridge seismic restoration.	2J750	1483K	2019/20	201.113	\$ 2,794	\$ 90	\$ 2,414	\$ 5,298
04	SCL	VAR	VAR	In various cities on various routes at Saratoga Creek Bridge, Carnadero Creek Bridge, San Francisco Creek Bridge, San Tomas Aquino Creek Bridge, and Bodfish Creek Bridge. Bridge preventative maintenance.	2J780	1482R	2019/20	201.119	\$ 2,294	\$ 10	\$ 2,391	\$ 4,695
04	SF	101	2.0	Near San Francisco, at Alemany Circle Undercrossing No. 34-0033. Rehabilitate bridge. (G13 Contingency Project)	3G620	0587D	2019/20	201.110	\$ 7,020	\$ 20	\$ -	\$ 7,040
04	SF	101	4.1/R5.1	In the City and County of San Francisco, at the Central Viaduct (No. 34-0077) from south of 17th Street to S. Van Ness Avenue ; also, on Route 80 at the Bayshore Viaduct (No. 34-0088) from Route 101 to 4th Street (PM 3.9/4.8). Paint superstructure steel members. (G13 Contingency Project)	2J800	1483S	2019/20	201.110	\$ 12,000	\$ 62	\$ -	\$ 12,062
04	SOL	80	14.6	Near Fairfield, at Suisun Creek Bridge No. 23-0007. Scour mitigation.	4G872	0487R	2019/20	201.111	\$ 2,070	\$ 5	\$ 760	\$ 2,835

FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist		Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	SOL	80	1.1/34.5	In and near Vallejo, Dixon and Vacaville, at Route 80/29 Separation Bridge No. 23-0087, McCune Creek Bridge No. 23-0084 L/R and Horse Creek Bridge No. 23-0077 L. Bridge preventative maintenance.	0J600	0480N	2019/20	201.119	\$ 2,816	\$ 423	\$ 1,379	\$ 4,618
4	SOL	80	1.1	In Vallejo, at Route 80/29 Separation Bridge No. 23-0087. Replace bridge. □ (PA&ED Only)	2K840	1452F	2019/20	201.322	\$2,057	\$0	\$0	\$2,057
04	SON	12	25.8/33.3	In and near Sonoma, at Sonoma Creek Bridge No. 20-0027, Stuart Creek Bridge No. 20-0025 and Hooker Creek Bridge No. 20-0030. Scour mitigation.	4H050	0269M	2019/20	201.111	\$ 6,669	\$ 150	\$ 9,000	\$ 15,819
TOTALS FY 2019/2020									\$ 84,070	\$ 9,268	\$ 53,273	\$ 146,611
SHOPP - Bridge NEW REQUESTED TOTAL									\$ 176,952	\$ 29,913	\$ 158,466	\$ 365,331
SHOPP - Bridge PROGRAMMED TOTAL									\$ 152,157	\$ 29,913	\$ 148,269	\$ 330,339
SHOPP - Bridge DIFFERENCE TOTAL									\$ 24,795	\$ -	\$ 10,197	\$ 34,992

**GL: Pavement Resurfacing and/or
Rehabilitation on the State Highway System
– SHOPP Minor
(TIP ID- VAR170015)**

Last updated with TIP Revision 17-19

**2016/17 FY Minor Construction Program Project List
District 4**

<u>Dist</u>	<u>County</u>	<u>Route</u>	<u>Postmile</u>	<u>Work Description</u>	<u>EA</u>	<u>Program Code</u>	<u>Federal Aid Eligible (Y/N)</u>	<u>RW</u>	<u>Con</u>	<u>Con Sup</u>	<u>Total Project Cost (RW+Con+Con Sup)</u>
4	Contra Costa	4	R16.8/R17.8	Replace failed concrete pavement.	1K360	201.121	N	\$ -	\$ 400,000	\$ 300,000	\$ 700,000
4	Marin	37	11.2/11.8	Asphalt concrete (AC) resurfacing.	1K370	201.121	N	\$ -	\$ 800,000	\$ 600,000	\$ 1,400,000
4	Solano	80	17.1	Increase the electrical capacity of the Fairfield Maintenance Station. Work includes installing additional electrical distribution panels, installing new electrical conduit and cable to new buildings and facilities, and remove old electrical distribution panels.	1J820	201.352	N	\$ -	\$ 850,000	\$ 500,000	\$ 1,350,000
								\$ -	\$ 2,050,000	\$ 1,400,000	\$ 3,450,000

2017/18 FY Minor Construction Program Project List

District 4

<u>District</u>	<u>County</u>	<u>Route</u>	<u>Post Miles</u>	<u>Location/Description</u>	<u>EA</u>	<u>EFIS</u>	<u>Prog Code</u>	<u>RW</u>	<u>Con</u>	<u>Con Sup</u>	<u>Total Project Cost (RW+Con+Con Sup)</u>
4	Alameda	185	3.2/3.8	In Alameda County, on Route 185. AC resurfacing and upgrade curb ramps.	1K340	4 1600 029	201.121	\$ 50,000	\$ 1,000,000	\$ 800,000	\$ 1,850,000
4	Marin	131	2.3/3.0	Pave shoulders and conform pavement to driveways, replace wooden walkway	1K400	041700039	201.121	\$ 1,000	\$ 700,000	\$ 550,000	\$ 1,251,000
4	Alameda	80	4.3/6.0	Replace concrete slabs under University Ave - WB	3J570	041500016	201.121	\$ 1,000	\$ 1,000,000	\$ 800,000	\$ 1,801,000
4	San Mateo	84	5/24.8, 24.3/2	In San Mateo County, on Junction Route 82. AC resurfacing and upgrade curb ramps.	0P110	4 1700 039	201.121	\$ 3,000	\$ 600,000	\$ 450,000	\$ 1,053,000
4	Contra Costa	680	R2.6/R4.9	In Contra Costa County, at Crow Canyon and Bollinger Canyon. Convert irrigation to recycled water.	0P610	4 1700 048	201.210	\$ 5,000	\$ 750,000	\$ 200,000	\$ 955,000
4	San Mateo	1	40.6/46.4	In San Mateo County, in the City of Pacifica on Highway 1 at various locations. Install traffic management system elements.	0P710	041700050	\$ 201	\$ 10,000	\$ 950,000	\$ 960,000	\$ 1,920,000
District 4 Total								\$ 70,000	\$ 5,000,000	\$ 3,760,000	\$ 8,830,000

**GL: Section 130 – Railroad/Highway
Crossing Projects
(TIP ID – VAR170017)**

Last updated with TIP Revision 17-19

Metropolitan Transportation Commission
Caltrans Managed non-SHOPP Program Detail

Grouping Category: Local Section 130/Grade Crossings

Dist	CT ID (USDOT RR Xing No.)	County	Implementing Agency	Project Description	Location	Cost Estimate
4	755037B	Santa Clara	California Department of Transportation, Division of Rail and Mass Transportation/County of Santa Clara	Eliminate hazards at railroad grade crossing at intersection of Mary Avenue and Caltrain in the County of Santa Clara	In the County of Santa Clara at the intersection of Mary Avenue and Caltrain tracks.	\$3,823,625
4	750037J	Alameda	California Department of Transportation, Division of Rail and Mass Transportation/City of Fremont	Eliminate hazards at railroad grade crossing at intersection of Dusterberry Way in the City of Fremont in the County of Alameda	In the County of Alameda at Dusterberry Way in Union Pacific tracks.	\$1,363,988
4	749965G	Santa Clara	California Department of Transportation, Division of Rail and Mass Transportation/City of Santa Clara	Eliminate hazards at railroad grade crossing at intersection of Agnew Road and Union Pacific Railroad in the City of Santa Clara	In the City of Santa Clara, in the County of Santa Clara at the intersection of Agnew Road and Union Pacific Railroad tracks.	\$1,380,000
4	754998E	Santa Clara	California Department of Transportation, Division of Rail and Mass Transportation/City of Palo Alto	Eliminate hazards at railroad grade crossing at intersection of Churchill Avenue and Caltrain in the City of Palo Alto, County of Santa Clara	In the County of Santa Clara at the intersection of Churchill Avenue and Caltrain tracks.	\$3,769,875
1 Project						\$10,337,488