

# **2017 Transportation Improvement Program (TIP)**

For the Nine-County San Francisco Bay Area

September 28, 2016

MTC Resolution No. 4275

## **Volume I Overview and Project Listings**

# MTC Project Staff

---

Anne Richman  
*Director, Programming and Allocations*

Ross McKeown  
*Fund Manager*

Adam Crenshaw  
*Project Manager*

*Programming and Allocations Staff*

Marcella Aranda  
Mallory Atkinson  
Kenny Kao  
Theresa Romell  
Glen Tepke  
Peg Yamada



# 2017 TIP Contents

Page  
Number

## **Section 1, Volume I**

### **Transportation Improvement Program (TIP)**

<b>TIP Overview</b> .....	S1 - 1
<b>Transportation Planning and Programming</b> .....	S1 - 2
<b>2017 TIP: Features and Highlights</b> .....	S1 - 6
TIP at-a-glance .....	S1 - 10
<b>2017 TIP: Investment Decisions</b> .....	S1 - 15
Projects in the 2017 TIP Over \$200 Million .....	S1 - 19
Grouped Listings Over \$200 Million .....	S1 - 21
Map of Financially Significant Projects .....	S1 - 22
<b>Project Selection and Programming</b> .....	S1 - 24
<b>Project Delivery</b> .....	S1 - 27
<b>Public &amp; Interagency Involvement</b> .....	S1 - 29
<b>TIP Revisions</b> .....	S1 - 32
<b>Financial Constraint</b> .....	S1 - 33
<b>Fund Sources Programmed in the TIP</b> .....	S1 - 35
<b>How to Read the Project Listings</b> .....	S1 - 44
<b>The TIP Online</b> .....	S1 - 49
<b>Contacts for Questions About the TIP</b> .....	S1 - 50



# 2017 TIP Contents (cont.)

Page  
Number

## Section 2, Volume I

Transit Financial Capacity Assessment.....	S2 - 1
--	--------

## Section 3, Volume I

County Summaries.....	S3 - 1
-----------------------	--------

## Section 4, Volume I

### Transit Project Listings

Alameda Contra Costa Transit District (AC Transit).....	S4 - 1
Bay Area Rapid Transit District (BART).....	S4 - 5
Caltrain (Peninsula Corridor Joint Powers Board).....	S4 - 11
Golden Gate Bridge, Highway and Transportation District.....	S4 - 15
San Francisco Municipal Transportation Agency.....	S4 - 19
San Mateo County Transit District (SamTrans).....	S4 - 29
Santa Clara Valley Transportation Authority (VTA).....	S4 - 33
Various Agencies.....	S4 - 39

### Roadway Project Listings

Alameda County.....	S4 - 71
Contra Costa County.....	S4 - 99
Marin County.....	S4 - 119
Napa County.....	S4 - 129
San Francisco City and County.....	S4 - 137
San Mateo County.....	S4 - 149
Santa Clara County.....	S4 - 165
Solano County.....	S4 - 179
Sonoma County.....	S4 - 187
Various County.....	S4 - 201
Multiple Counties.....	S4 - 207
Public Lands/Trails.....	S4 - 211
Regional Projects.....	S4 - 231
Tollway Projects.....	S4 - 235

**Index of Transit and Roadway Project Listings – Sorted by Project Name**  
**– Sorted by TIP ID**  
**– Sorted by Project Sponsor**



## TIP OVERVIEW

### What is the TIP and what projects are included?

The Transportation Improvement Program (TIP) is a list of surface transportation projects, programs and investment priorities in the nine-county San Francisco Bay Area over a four year period. As the federally-designated Metropolitan Planning Organization (MPO) for the nine-county San Francisco Bay Area, Metropolitan Transportation Commission (MTC) is required by California Department of Transportation (Caltrans) to prepare and adopt a regional TIP at least once every two years.

The TIP can be found online at: [www.mtc.ca.gov/our-work/fund-invest/transportation-improvement-program](http://www.mtc.ca.gov/our-work/fund-invest/transportation-improvement-program)

### Projects Included in the TIP

The TIP includes all surface transportation projects that are federally funded, require a federal action, or are considered regionally significant for air quality conformity purposes. The majority of projects in the TIP are federally-funded, although some local or state-funded projects may also be included, particularly those that are large in scale or impact travel patterns over a relatively large geographic area, such as a new lane on a state highway. Given its federal focus, many locally or state-funded projects are not included in the TIP, such as pavement preservation projects, transit operations, planning efforts, and minor sidewalk or intersection improvements.

### Role of the TIP

The TIP represents the projects that Bay Area jurisdictions, transit agencies, and other public entities intend to construct or implement in the near-term. Each project in the TIP must include details on project location and scope, as well as a comprehensive accounting of the amount and sources of funds that have been expended, are committed, or estimated to be reasonably available for the project.

The TIP also serves as an implementation tool of the long-range transportation plan. A project cannot receive federal funds or other federal project-related approvals unless the project is included in the TIP. As a result, inclusion in the TIP is a critical factor of any major project, if using federal funds or otherwise requiring federal actions.

### Federal Requirements for the TIP

- Cover a period of at least 4 years.
- Updated at least once every 4 years (Caltrans requires an update every 2 years).
- Include all transportation projects with federal funds, requiring federal action, or regionally significant for air quality conformity purposes.
- Projects must be consistent with the region's long-range transportation plan.
- Financially constrained by year (funds committed to projects cannot exceed the funds estimated to be available).
- Financial plan that demonstrates that programmed projects can be implemented.
- Accompanied by an evaluation and finding of air quality conformity.
- Provide public involvement and opportunity to comment prior to TIP approval.

## TRANSPORTATION PLANNING AND PROGRAMMING

### Where does the TIP fit in the planning process?

As the near-term listing of federal projects and programs that stem from the long-range transportation plan, all projects included (also referred to as “programmed”) in the TIP must be consistent with, and work to implement the vision of the regional plan.

#### Plan Bay Area

Plan Bay Area is the comprehensive regional plan for the nine-county Bay Area, coordinating both land use and transportation investments from 2013 through 2040. The plan is a federal requirement for all metropolitan areas, and also serves as the state-mandated Regional Transportation Plan (RTP) and Sustainable Community Strategy (SCS) for the Bay Area.

The current plan is available online at: <http://planbayarea.org/the-plan/adopted-plan-bay-area-2013.html>. Hard copies of the plan can also be viewed at MTC’s offices at 375 Beale St., San Francisco.

The development of the next plan, Plan Bay Area 2040, is currently underway. Information about the plan update can be found online at: <http://planbayarea.org/plan-bay-area.html>. The 2017 TIP will also be updated along with Plan Bay Area 2040 adoption, to ensure consistency with the new plan.

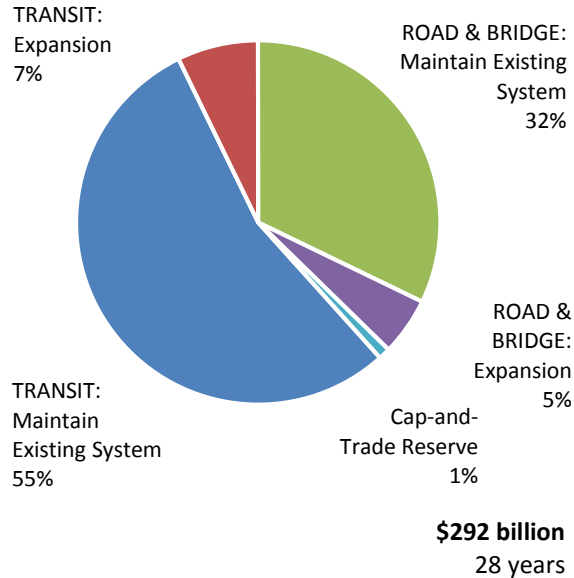
#### TIP in Context

Although the TIP and long-range transportation plan are related, there is an important distinction that complicates any side-by-side comparison between the two documents. While Plan Bay Area includes the universe of federal, state and local revenues reasonably available to implement the transportation projects, program, and strategies over the 28 years of the plan, the TIP is much more focused on the near-term projects with federal funding. As a result, the TIP tends to be heavily weighted toward large capital projects, such as transit and highway expansions, that are more likely to require federal funds. The vast majority of funds that go to operate, maintain, and manage the region’s existing transportation system, a top priority of Plan Bay Area, are not typically captured in the TIP. An illustration of this distinction is provided on the following page.

## Plan and TIP Investments by Mode/Type

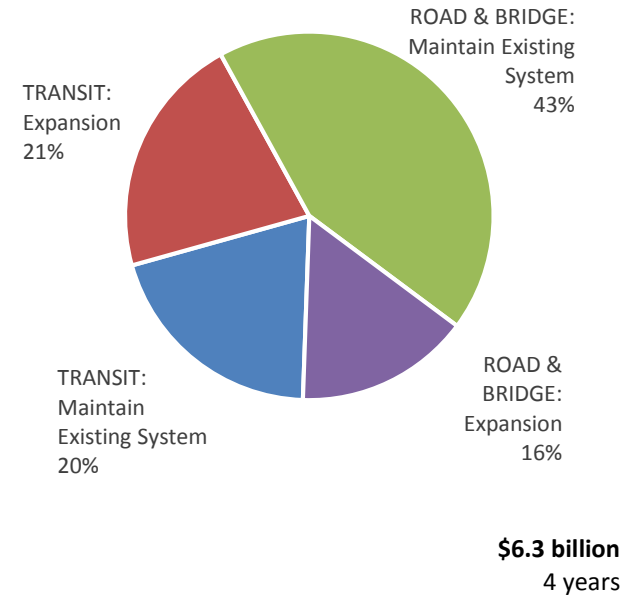
### Plan Bay Area Investments

Expenditures by Mode/Type



### 2017 TIP Investments

Expenditures by Mode/Type



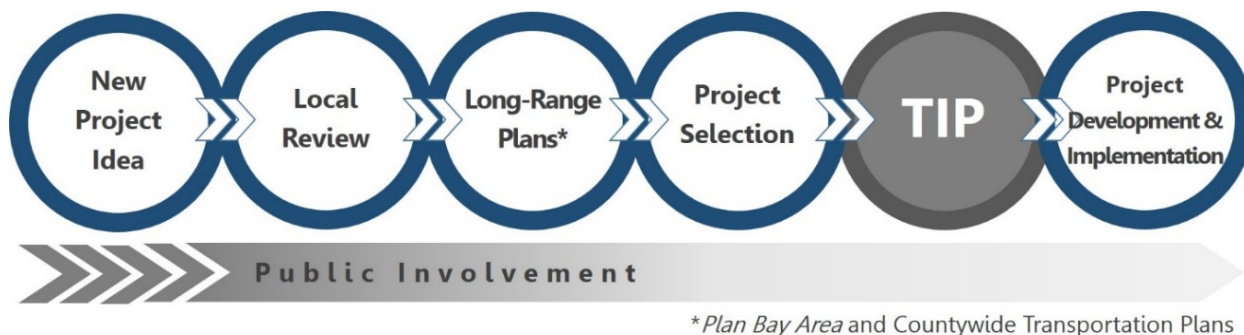
## Projects from Idea to Implementation

Before projects are ever identified in the long-range plan or the TIP they have gone through several iterations of review and refinement. Ideas for projects first emerge through planning efforts at the jurisdictional, transit operator, and regional levels. Some of the primary sources for projects are the county congestion management programs, countywide transportation plans, transit operator short-range transit plans or similar transit capital and service planning efforts, and the state highway planning process conducted by Caltrans. These local and sub-regional planning efforts are then merged at a regional level through the long-range transportation plan.

When the project scope, schedule, and budget are developed, the project may then be proposed for funding. Project sponsors (the agencies designated to implement the projects) are responsible for applying for the funds, initiating requests for TIP programming, and carrying their projects to completion. In the Bay Area, the implementing agencies include public transit operators, Caltrans, MTC, the Bay Area Air Quality Management District, the Congestion Management Agencies (CMAs), the nine Bay Area counties, several joint power authorities, and the individual cities within each county.

Below is an illustration of how the TIP fits into the overall planning and programming process, from the time a transportation project is first conceived to its ultimate construction or implementation.

## Idea to Implementation Flowchart



### Congestion Management Process

In addition to preparing a long-range plan, MTC is required under federal regulations to address congestion management for the Bay Area through a process that provides for effective management and operation of new and existing facilities. The Congestion Management Process (CMP) is based on collaboration among transportation partners and stakeholders, specifically focused on congestion management strategies for key corridors. These strategies include public transit, carpool and vanpool programs, transportation demand management, and operational strategies to maximize the use of existing facilities. The current CMP is provided as Appendix A-70.

As part of the TIP development process, project sponsors must identify whether a project is capacity increasing for single occupant vehicles (SOVs). The project sponsor and CMAAs review these projects and confirm that they are consistent with all regional and local plans and processes. Appendix A-74 identifies the projects included in 2017 TIP that have been identified as capacity increasing for SOVs.

### Air Quality Conformity

The TIP and long-range plan must also demonstrate transportation conformity. Transportation conformity is required under the Clean Air Act (Section 176(c) and 42 U.S.C. 7506(c)) to ensure that federally funded or approved highway and transit activities are consistent with, or conform to, the purpose of the state air quality implementation plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause or contribute to new air quality violations, worsen existing violations, or delay timely attainment of the relevant national ambient air quality standards (NAAQS) or any interim milestones. The Environmental Protection Agency (EPA) transportation conformity rule (40 CFR Parts 51 and 93) establishes the criteria and procedures for determining whether metropolitan transportation plans, TIPs, and federally supported highway and transit projects conform to the purpose of the SIP. Transportation conformity applies to designated nonattainment and maintenance areas for transportation-related criteria pollutants: ozone, PM<sub>2.5</sub>, PM<sub>10</sub>, carbon monoxide, and nitrogen dioxide.

Using the latest planning assumptions, MTC conducted a new air quality conformity analysis for the 2017 TIP. The conformity determination was made under the motor vehicles emissions



budget contained in the 2001 1-Hour Ozone Attainment Plan for the ozone precursors and the 2004 Carbon Monoxide Maintenance Plan. Conformity for the 2006 24-hour PM2.5 standard was demonstrated by conducting an interim conformity test. The Transportation Control Measures (TCMs) A through E in the approved 2001 Ozone Attainment Plan have been fully implemented. All information on the timely implementation of TCMs in the Conformity Report is still current. A copy of the analysis is included as Appendix A-4, and is available online at <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program> and at MTC's offices at 375 Beale St., San Francisco.

### **Federal Statewide Transportation Improvement Program**

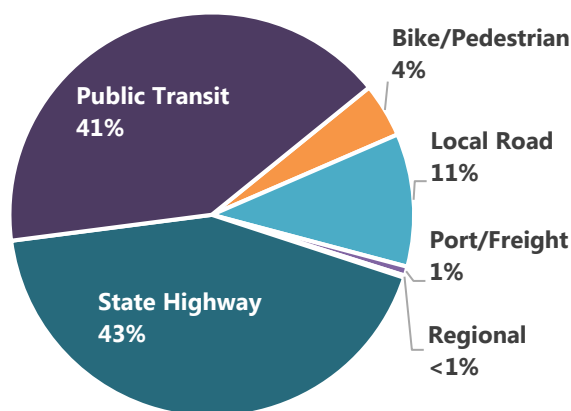
Just as each metropolitan region is required to develop a TIP, each state is required to develop a Federal Statewide Transportation Improvement Program (FSTIP) pursuant to federal regulations. The FSTIP includes all projects with federal funds, those that require a federal action and regionally significant transportation projects throughout the state. In California, regional TIPs are included in the FSTIP without modification once approved by the relevant Metropolitan Planning Organization (MTC, in the case of the Bay Area) and after the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), and Federal Environmental Protection Agency (EPA) make their required findings of financial constraint and air quality conformity. Projects must be in the FSTIP before funding authorities, such as FTA, FHWA, or the California Department of Transportation (Caltrans), can "obligate" funds (i.e., commit funds to contract) and therefore, before sponsors can actually spend any of these monies. Once adopted by MTC, the 2017 TIP will be submitted to Caltrans for incorporation into the FSTIP.

## 2017 TIP: FEATURES AND HIGHLIGHTS

What investments are included in the 2017 TIP?

The 2017 TIP for the nine-county San Francisco Bay Area includes more than 700 transportation projects<sup>1</sup> with more than \$6.3 billion in committed federal, state, and local funding for federal fiscal years 2016-17 through 2019-20. The cumulative project cost for these projects, including funds spent in prior years as well as funding planned for future years, totals over \$44.7 billion.

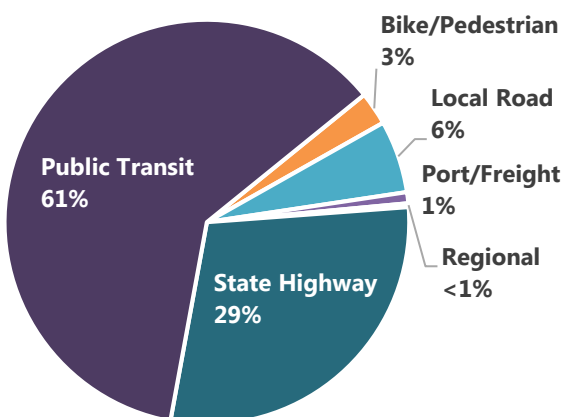
**2017 TIP Investments**  
2017-2020, \$6.3 billion



**2017 TIP Investments by County**  
Millions \$, rounded

County	2017-2020 Programmed Investments	Total Project Costs <sup>2</sup>
Alameda	\$567	\$4,333
Contra Costa	\$324	\$1,929
Marin	\$219	\$1,383
Napa	\$31	\$250
San Francisco	\$1,247	\$13,039
San Mateo	\$661	\$2,716
Santa Clara	\$510	\$10,023
Solano	\$65	\$1,403
Sonoma	\$78	\$926
Multi-County	\$2,614	\$8,651
<b>Total</b>	<b>\$6,316</b>	<b>\$44,653</b>

**2017 TIP Total Project Costs**  
All years, \$44.7 billion



<sup>1</sup> In addition to individual project listings, the TIP also includes grouped listings or lump-sum entries for certain program categories, such as state highway maintenance, that summarize project and funding information for several additional projects.

<sup>2</sup> The 2017 TIP covers four years of committed funding for 2017 through 2020. In addition, the TIP is required to identify the total project cost for each project, including funding spent in years prior to 2017 as well as funding planned for the years after 2020.

## New Projects

The majority of projects in the 2017 TIP have been rolled over from the previous 2015 TIP. However, a relatively small number of projects were added during the development of the 2017 TIP. The list of projects new to the TIP is available as Appendix A-63.

## Archived Projects

Once projects no longer have funding programmed in the TIP, either because they have been completed or because the funds have been directed to another project, they are archived from the TIP. Federal regulations require that the TIP identify the major projects that were implemented from the previous TIP. Appendix A-64 lists all projects that were present in the 2015 TIP that have been archived in revisions to the 2015 TIP or are being archived as part of the 2017 TIP development. This list does not include the projects that are in the 2017 TIP for illustrative purposes (projects with no funding within the four active years of the TIP) or projects that have been deleted (either as a project cancellation or through redirecting the funds to different projects or phases).

After the adoption of the 2015 TIP, and including projects archived as part of the 2017 TIP development process, \$9 billion dollars in federal, state, regional, and local funding was archived on a total of 424 projects. Additional information about the funding for archived projects is provided below.

### Funding Breakdown of Archived Projects, by Fund Type

Fund Type	Total Funding (all years)		Funding from 2015 TIP Period (FY 2015 - FY 2018)	
	\$, in millions	%	\$, in millions	%
Federal	\$2,525	28%	\$241	17%
State	\$3,534	39%	\$995	71%
Regional	\$788	9%	\$5	0%
Local	\$2,199	24%	\$160	11%
<b>Total</b>	<b>\$9,047</b>	<b>100%</b>	<b>\$1,401</b>	<b>100%</b>

### Funding Distribution of Archived Projects, by Travel Mode

Mode	Projects		Total Funding (all years)		Funding from 2015 TIP Period (FY 2015 - FY 2018)	
	#	%	\$, in millions	%	\$, in millions	%
Bike/Pedestrian	110	26%	\$319	4%	\$20	1%
Local Road	103	24%	\$897	10%	\$158	11%
Port/Freight Rail	2	0%	\$38	0%	\$0	0%
Regional	7	2%	\$42	0%	\$6	0%
State Highway	56	13%	\$4,463	49%	\$1,014	72%
Public Transit	146	34%	\$3,289	36%	\$203	14%
<b>Total</b>	<b>424</b>	<b>100%</b>	<b>\$9,047</b>	<b>100%</b>	<b>\$1,401</b>	<b>100%</b>

The largest capital projects, in terms of total project costs, that have been archived are listed in the table below. The full list of archived projects is available as Appendix A-64.

**Top 10 Largest Archived Projects (\$ in millions)**

Rank	County	Project Sponsor	Project Name	Total Funding (all years)
1	Santa Clara	BART	Warm Springs Extension	\$890
2	San Mateo	Caltrans	SR 1 Devils Slide Bypass	\$512
3	Alameda	BART	Oakland Airport Connector	\$484
4	Contra Costa	CCTA	SR 4 East Widening from Somersville to SR 160	\$385
5	Various	BART	Transbay Tube Seismic Retrofit	\$276
6	San Mateo	Caltrans	US 101 Auxiliary Lanes - 3rd to Millbrae	\$188
7	Alameda	ACTC	I-580 (TriValley) Corridor - EB HOV Lanes	\$179
8	Various	Caltrain	Caltrain Grade Separation Program	\$147
9	Alameda	ACTC	I-580 (TriValley) Corridor - WB HOV & Connectors	\$137
10	Santa Clara	VTA	Santa Clara/Alum Rock Transit Improvement/BRT	\$115

**Grouped Listings**

Federal regulations allow projects that are exempt from air quality conformity analysis (project types listed under 40 CFR 93.126 and 127, Tables 2 & 3) to be grouped together as single project listings in the TIP (23 CFR 450.216 and 450.324). Examples of some of the project types that can be grouped in the TIP include: certain transit programs, pavement resurfacing projects, safety projects, and bridge rehabilitation projects.

The process for adding or revising a grouped (lump sum) listing, the State Managed Grouped Project Listings Process, is developed by the California Federal Programming Group (CFPG), California Department of Transportation (Caltrans), Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). MTC’s grouped listings in the 2017 TIP follow and adhere to the provisions of the State-Managed Grouped Project Listings Process.

The back-up lists for grouped listings in the 2017 TIP are included in Appendix A-65 and can also be accessed on the MTC’s TIP website: [www.mtc.ca.gov/our-work/fund-invest/tip/tip-grouped-listings](http://www.mtc.ca.gov/our-work/fund-invest/tip/tip-grouped-listings).

**ADA projects**

Consistent with federal requirements, the 2017 TIP identifies projects implementing the Americans with Disabilities Act (ADA) required paratransit and key station plans. The ADA requires that public transportation services and facilities, including trains and rail stations, be accessible to persons with disabilities. Rail system operators are allowed to designate certain stations as key stations and to make these readily accessible to and useable by individuals with disabilities, including individuals who use wheelchairs. Most of the projects adopted in the key station plans have been implemented. Appendix A-66 lists some of the ongoing ADA implementation transit projects.

## 2017 TIP Schedule

The development of the 2017 TIP began in November 2015 and is scheduled for final federal approval in December 2016. The public outreach schedule for the 2017 TIP is as follows:

- June 24, 2016: Beginning of public review period for Draft 2017 TIP and Draft Transportation Air Quality Conformity Analysis of the Amended Plan and 2017 TIP
- July 13, 2016: Public hearing scheduled during MTC Programming and Allocations Committee meeting
- July 28, 2016: End of public review and comment of Draft 2017 TIP and Draft Transportation Air Quality Conformity Analysis of the Amended Plan and 2017 TIP
- September 14, 2016: MTC Programming and Allocations Committee review of 2017 TIP and Transportation Air Quality Conformity Analysis of the Amended Plan and 2017 TIP and referral to Commission
- September 28, 2016: Commission approval of 2017 TIP and Transportation Air Quality Conformity Analysis of the Amended Plan and 2017 TIP
- December 16, 2016: 2017 TIP Approval by FHWA and FTA (anticipated date)

MTC's responses to significant comments are included as an appendix to the 2017 TIP (Appendix A-77).

**2017 TIP At-a-Glance**

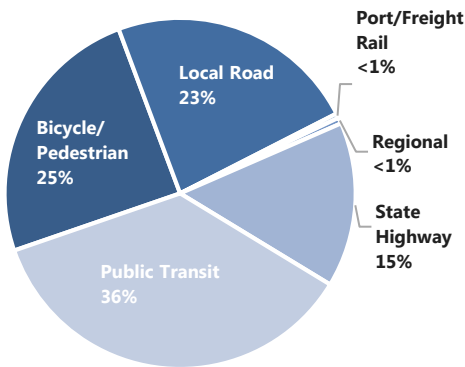
TIP-at-a-Glance provides a graphical summary of the number of projects, TIP funding and total project costs by mode, purpose and fund type for the entire region and each of the nine counties within the region.

**Regional Distribution of Funds by Mode** (Millions \$, rounded)

Mode	# of Projects		TIP Period Funding					Total Project Cost		
			FY 16/17	FY 17/18	FY 18/19	FY 19/20	TIP Period Funding			
Bicycle/Pedestrian	176	25%	\$170	\$63	\$38	\$3	\$274	4%	\$1,188	3%
Local Road	166	23%	\$215	\$185	\$65	\$206	\$671	11%	\$2,589	6%
Port/Freight Rail	3	<1%	\$5	\$7	\$17	\$17	\$46	<1%	\$396	<1%
Regional	4	<1%	\$11				\$11	<1%	\$134	<1%
State Highway	109	15%	\$928	\$711	\$482	\$590	\$2,711	43%	\$12,986	29%
Public Transit	258	36%	\$1,336	\$909	\$340	\$18	\$2,603	41%	\$27,360	61%
<b>Total</b>	<b>716</b>	<b>100%</b>	<b>\$2,665</b>	<b>\$1,875</b>	<b>\$942</b>	<b>\$834</b>	<b>\$6,316</b>	<b>100%</b>	<b>\$44,653</b>	<b>100%</b>

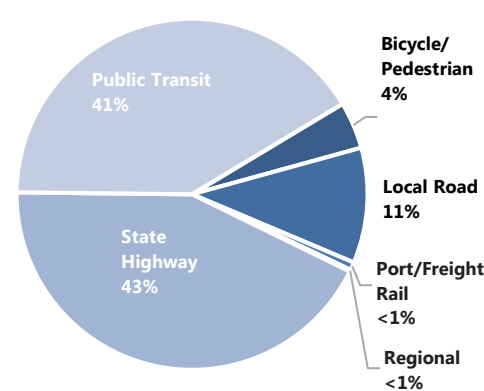
**Share of Projects by Mode**

Total number of Projects = 716



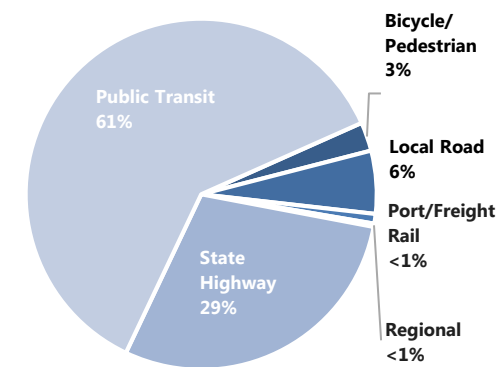
**TIP Period Funding by Mode**

Total Project Costs = \$6.3 billion



**Total Project Cost by Mode**

Total Project Costs = \$44.7 billion



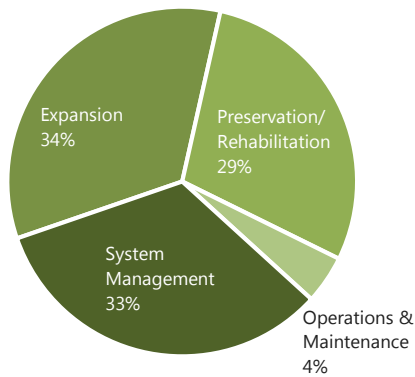
2017 TIP At-a-Glance, continued

Regional Distribution of Funds by Purpose (Millions \$, rounded)

Purpose	# of Projects		TIP Period Funding						Total Project Cost	
			FY 16/17	FY 17/18	FY 18/19	FY 19/20	TIP Period Funding			
Expansion	242	34%	\$1,415	\$468	\$165	\$271	\$2,319	37%	\$26,708	60%
Preservation/Rehabilitation	206	29%	\$752	\$1,074	\$631	\$468	\$2,926	46%	\$13,425	30%
Operations & Maintenance	32	4%	\$77				\$77	1%	\$675	1%
System Management	236	33%	\$420	\$333	\$146	\$95	\$995	16%	\$3,845	9%
<b>Total</b>	<b>716</b>	<b>100%</b>	<b>\$2,665</b>	<b>\$1,875</b>	<b>\$942</b>	<b>\$834</b>	<b>\$6,316</b>	<b>100%</b>	<b>\$44,653</b>	<b>100%</b>

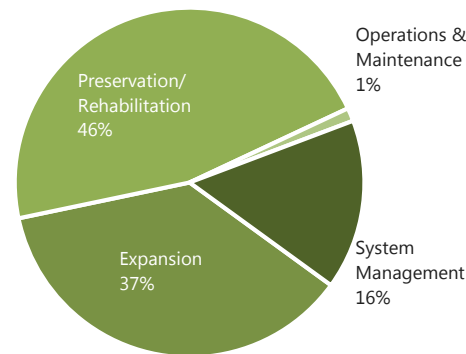
Share of Projects by Purpose

Total Projects = 716



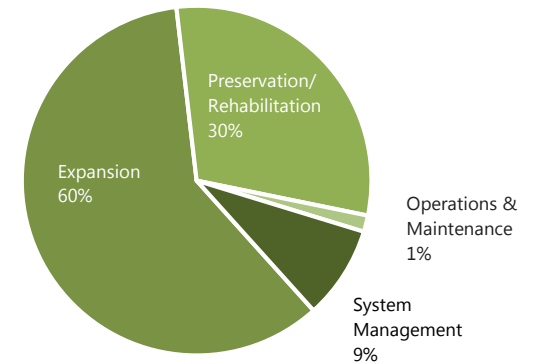
TIP Period Funding by Purpose

TIP Period Funding = \$6.3 billion



Total Project Cost by Purpose

Total Cost = \$44.7 billion

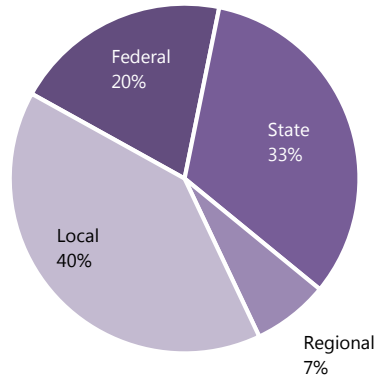


2017 TIP At-a-Glance, continued

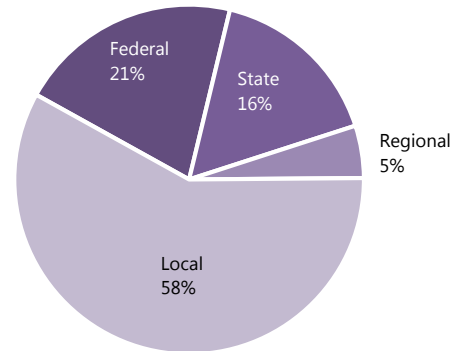
Regional Distribution of Funding by Source (Millions \$, rounded)

Type	TIP Period Funding (in \$1,000s)					Total Project Cost		
	FY 16/17	FY 17/18	FY 18/19	FY 19/20	TIP Period Funding			
Federal	\$695	\$335	\$105	\$137	\$1,272	20%	\$9,247	21%
State	\$573	\$715	\$380	\$400	\$2,067	33%	\$7,259	16%
Regional	\$231	\$82	\$67	\$66	\$445	7%	\$2,166	5%
Local	\$1,166	\$744	\$391	\$231	\$2,532	40%	\$25,980	58%
<b>Total</b>	<b>\$2,665</b>	<b>\$1,875</b>	<b>\$942</b>	<b>\$834</b>	<b>\$6,316</b>	<b>100%</b>	<b>\$44,653</b>	<b>100%</b>

TIP Period Funding by Source  
TIP Period Funding = \$6.3 billion



Total Project Cost Funding by Source  
Total Project Cost = \$44.7 billion





2017 TIP At-a-Glance, continued

Distribution of Funding by Mode for Counties and Regional Projects (Millions \$, rounded)

County	Bicycle/ Pedestrian	Local Road	Port/ Freight Rail	Regional	State Highway	Public Transit	Total TIP Period Funding
Alameda	\$60	\$97	\$46		\$303	\$61	\$567
Contra Costa	\$37	\$48		<\$1	\$189	\$51	\$324
Marin	\$50	\$17			\$124	\$28	\$219
Napa	\$9	\$21			\$1	<\$1	\$31
San Francisco	\$28	\$144			\$147	\$928	\$1,247
San Mateo	\$49	\$17			\$132	\$463	\$661
Santa Clara	\$29	\$44			\$31	\$405	\$510
Solano	\$6	\$51			\$4	\$5	\$65
Sonoma	\$4	\$38			\$10	\$25	\$78
Regional	\$3	\$194		\$10	\$1,770	\$637	\$2,614
<b>Total Bay Area</b>	<b>\$274</b>	<b>\$671</b>	<b>\$46</b>	<b>\$11</b>	<b>\$2,711</b>	<b>\$2,603</b>	<b>\$6,316</b>

Distribution of Funding by Purpose for Counties and Regional Projects (Millions \$, rounded)

County	Expansion	Maintenance/ Rehabilitation	Operations	System Management	Total TIP Period Funding
Alameda	\$397	\$48	<\$1	\$121	\$567
Contra Costa	\$256	\$22		\$47	\$324
Marin	\$30	\$136	<\$1	\$52	\$219
Napa	\$14	\$3		\$14	\$31
San Francisco	\$973	\$226		\$47	\$1,247
Santa Clara	\$86	\$504		\$71	\$661
San Mateo	\$456	\$11		\$43	\$510
Solano	\$52	\$1	\$1	\$11	\$65
Sonoma	\$41	\$16	<\$1	\$20	\$78
Regional	\$13	\$1,957	\$75	\$569	\$2,614
<b>Total Bay Area</b>	<b>\$2,319</b>	<b>\$2,926</b>	<b>\$77</b>	<b>\$995</b>	<b>\$6,316</b>

2017 TIP At-a-Glance, continued

**Distribution of Funding by Source for Individual Counties and Regional Projects**  
(Millions \$, rounded)

<b>County</b>	<b>Federal</b>	<b>State</b>	<b>Regional</b>	<b>Local</b>	<b>Total TIP Period Funding</b>
Alameda	\$59	\$56	\$67	\$387	\$567
Contra Costa	\$78	\$20	\$23	\$203	\$324
Marin	\$135	\$3	\$21	\$60	\$219
Napa	\$11	\$12		\$9	\$31
San Francisco	\$271	\$106	\$9	\$861	\$1,247
San Mateo	\$71	\$450		\$140	\$661
Santa Clara	\$260	\$5		\$244	\$510
Solano	\$35	\$24		\$7	\$65
Sonoma	\$59	\$1		\$18	\$78
Regional	\$294	\$1,391	\$326	\$602	\$2,614
<b>Total Bay Area</b>	<b>\$1,272</b>	<b>\$2,067</b>	<b>\$445</b>	<b>\$2,532</b>	<b>\$6,316</b>

## 2017 TIP: INVESTMENT DECISIONS

What is the overall investment focus of the 2017 TIP?

Transportation investments in the long-range plan and TIP are categorized into two primary categories for evaluation: maintenance and management of the existing transportation network and system expansion.

### Investment Decisions

The current long-range transportation plan prioritizes the maintenance and management of the existing transportation system, by dedicating 87% of its projected \$292 billion in transportation revenues towards the existing network of transit, bridges, highways, and local streets and roads. That leaves roughly 13% of the plan's expenditures for projects that address expansion for transit, highways, local streets and roads, bridges, complete streets, as well as cap-and-trade reserve funds.

By comparison, 63% of the funds programmed in the 2017 TIP (\$4.0 billion) are dedicated to maintenance and management of the existing system, with 37% (\$2.3 billion) programmed for system expansion projects.

In comparing these investments side-by-side, it is important to keep in mind that while the plan includes the universe of revenues reasonably expected to be available to implement its planned transportation projects, programs, and strategies, the TIP is much more focused on projects with federal funding. As a result, the TIP ends up being more heavily weighted toward large capital projects, such as transit and highway expansions that are more likely to require federal funds. The vast majority of funds that go to operate, maintain, and manage the region's existing transportation system, a top priority of the long-range plan, are not typically captured in the projects programmed in the TIP.

A brief discussion of the three primary investment categories from Plan Bay Area and the more specific near-term funding strategies in the 2017 TIP follows. The detailed investment plan from Plan Bay Area can be found in Appendix A-62. Additional information on the financial constraint of the 2017 TIP is provided on page 33 of this section and in Appendix A-75.

### Maintenance and Management of the Existing System

This investment category includes rehabilitation and replacement of transit vehicles and facilities as well as the upkeep of freeways and local roadways. Also included is management of the system through system operations programs.

- **Major investments:** Some of the most significant projects that the region is currently undertaking to ensure adequate maintenance and effective management of existing transportation systems are: regional toll bridge retrofit/rehabilitation programs, the BART railcar replacement program, US 101 Doyle Drive replacement, and transit preventative

maintenance for Santa Clara Valley Transportation Authority (VTA). For the full list of major projects in the TIP (projects with total costs over \$200 million), including grouped listings, see the lists and map on pages 19 through 23 of this section.

- **Local Streets and Roads:** Approximately \$239 million, or 4%, of the 2017 TIP is programmed on the preservation and rehabilitation of local streets and roads. Much of the revenue for streets and roads rehabilitation comes from gas tax subventions, which are typically not programmed in the TIP. The investment level for streets and roads in the 2017 TIP, in combination with the non-federal revenues for the local streets and roads outside of the TIP, is expected to preserve pavement in the same “fair” condition as it is currently.

In terms of federal funding, local streets and roads preservation is eligible for Surface Transportation Block Grant Program (STP) funding through the One Bay Area Grant (OBAG) program. In the first cycle of OBAG funding (OBAG 1), which covers FY 2012-13 through FY 2016-17, 26% of the available funds were committed to local streets and roads rehabilitation projects. A significant number of additional local streets and roads preservation projects are likely to be funded through the second round of OBAG (OBAG 2) which is currently underway; these funds will be programmed into the 2017 TIP as projects are selected and approved.

As part of OBAG, jurisdictions are required to have complete streets policies in place either through a board resolution or a general plan that complies with the California Complete Streets Act of 2008 to ensure that the needs of non-motorists are considered during project development. For more information on the OBAG program, see Appendices A-15 and A-16, or online at <http://www.mtc.ca.gov/our-work/invest-protect/focused-growth/one-bay-area-grants>.

- **Transit Capital Maintenance:** To address transit capital maintenance needs, Plan Bay Area investments will fund all bus, rail car and ferry vehicle replacements and 76% of other high-priority investment needs, such as rehabilitation of tracks, bridges and train control systems. An assessment of projected needs and revenues for MTC’s Transit Capital Priorities (TCP) Program demonstrates that if programming for transit capital replacement and rehabilitation projects, including projects funded through the Core Capacity Challenge Grant Program, is constrained to match projected Federal Transit Administration formula funds from FY 2014-15 through FY 2029-30, needs in the middle of this period starting in FY2017-2018 will exceed revenues, when expenditures on major vehicle replacement projects for BART, Caltrain, and SFMTA, and other Core Capacity projects peak. In anticipation of these peak needs and to smooth out cash flow during this 16-year period, the Commission has already established an approach of creating reserves in years when revenues exceed high-priority needs to help address the shortfalls in years when peak needs exceed revenues. The Commission will also explore financing strategies to use future transit capital revenues to help meet near-term needs if

necessary. In addition, the Commission has directed additional STP funds to supplement FTA formula programs to support future major fleet replacements, fixed-guideway rehabilitation and other high-scoring capital needs and to support implementation of Transit Sustainability Project (TSP) projects. The funding plans for the TCP and Core Capacity programs anticipate that future STP or other regional funds will continue to be used to support transit capital replacement and rehabilitation projects.

Currently, more than \$1.1 billion, or 18%, is programmed for transit capital maintenance in the 2017 TIP. This amount is anticipated to increase significantly as additional transit as specific programs and financing strategies are adopted by the Commission and amended into the TIP.

- **System Management:** Plan Bay Area includes various strategies to effectively manage and utilize the region's existing transportation infrastructure, leading to higher productivity, and improved accessibility and safety. During the four year 2017 TIP period, the region has programmed \$1 billion, or 16%, to such projects, including: safety and security projects for Bay Area transit operators and roadways; regional operations programs such as the 511 program, Transit Performance Initiative, regional rideshare, transportation marketing; freeway operations including the Freeway Performance Initiative, incident management, regional signal timing and technical assistance; Priority Conservation Areas; planning efforts; Complete Streets and streetscape projects; and Safe Routes to Schools.

Roughly \$147 million of STP/CMAQ funds are programmed in the 2017 TIP to support these activities. Additional system management investments are anticipated to be incorporated into the TIP through OBAG 2, as projects are selected and adopted by the Commission. Additionally, the 2017 TIP includes funding for specialized and community based programs including Lifeline Transportation Program projects.

### **Transit, Bridge, Highway and Roadway Expansion**

This investment category targets investments to strategically expand transportation facilities. These investments include high occupancy/toll lanes, highway and rail expansions, transit oriented development policies, goods movement, and rapid bus routes/express bus service.

- **Major investments:** Major strategic expansion projects with the highest levels of programming in the 2017 TIP period include BART extension from Warm Springs to Berryessa, Central Subway in San Francisco, Transbay Terminal in San Francisco / Caltrain Downtown Extension – Phases 1 and 2, eBART – East Contra Costa BART Extension, and Sonoma Marin Area Rail Corridor (SMART). For the full list of projects in the 2017 TIP with total project costs over \$200 million, including grouped listings, see the lists and map on pages 19 through 23 of this section.

Most major transit expansions in the TIP are part of MTC Resolution No. 3434, "Regional Transit Expansion Program," which represents the region's consensus agreement on Bay Area transit expansion (see Appendix A-9).

### **TIP Investment Analysis**

As a part of the development of the TIP, MTC completes an analysis of TIP investments specifically focused on the Bay Area's disadvantaged populations. The 2017 TIP Investment Analysis is included as Appendix A-2.

The results of the analysis suggest that according to several indices, the TIP invests greater public funding to the benefit of low-income and minority communities than their proportionate share of the region's population or trip-making as a whole. A couple variances worth noting are the share of transit investments by trips for passengers living in low-income households and the difference between minorities and non-minorities in terms of benefits per transit rider.

- The share of transit investments in the 2017 TIP by trips for passengers in low-income households (45%) varies from the share of transit trips by passengers living in low-income households (53%).
- Similarly, there is a variance between benefits per transit riders, with minority transit riders receiving 89% of the benefits received by non-minority transit riders. There was also a smaller variance in the per capita transit benefits (96% of the benefits, or 4% disbenefit), but the relatively minor variance does not demonstrate a systemic disbenefit to minority populations.

The investment analysis of the proposed TIP indicates that although the investments in the TIP are distributed equitably overall, a variance in the share of transit investments by trips for passengers living in low-income households and in the benefits of investments to minority transit riders. It is important to note, however, that the TIP does not reflect the full picture of transportation investments in the Bay Area over the long-term. As noted above, the TIP only includes four years of near-term fund programming. Also, since the TIP primarily documents projects that require federal actions or use federal funds, it tends to include more large capital projects than rehabilitation programs. Additionally, funding shown in the TIP is included in the year that project phases begin or are obligated and does not reflect the actual flow of funding and expenditures within these phases. While rehabilitation programs will have their funding spread across many years, large capital projects tend to have their funding lumped into a single year even if the funds will actually be expended over a number of years, some of which may be outside the scope of the TIP. When compared to the investments described in the Plan, the 2017 TIP only reflects about 15% of average annual transportation spending in the Bay Area.

Since the equity analysis of the Plan includes more projects and programs than just those that are federally focused and transportation funding is captured from more years, it is not disproportionately influenced by the types of projects described above.

**Projects in the 2017 TIP Over \$200 Million**  
(\$ in millions)

<b>TIP ID</b>	<b>County</b>	<b>Original TIP</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Mapping Label (Page S1-23)</b>	<b>Total Project Cost (all years)</b>	<b>Project Cost within 2017 TIP Period</b>
BRT030001	Santa Clara	2003	VTA	BART - Berryessa to San Jose Extension	<b>1</b>	\$3,962	\$19
SCL110005	Santa Clara	2011	VTA	BART - Warm Springs to Berryessa Extension	<b>2</b>	\$2,522	\$374
SF-010015	San Francisco	2001	TBJPA	Transbay Term/Caltrain Downtown Ext - Ph.1	<b>3</b>	\$2,259	\$360
REG090037	Regional	2009	BART	BART: Railcar Procurement Program	<b>A</b>	\$2,028	\$508
SF-991030	San Francisco	1999	SFCTA	US 101 Doyle Drive Replacement	<b>4</b>	\$1,987	\$85
SF-050002	San Francisco	2005	TBJPA	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	<b>5</b>	\$1,925	\$185
SF-010028	San Mateo	2001	Caltrain	Caltrain Electrification	<b>6</b>	\$1,612	\$448
SF-010037	San Francisco	2001	SFMTA	SF Muni Third St LRT Phase 2 - New Central Subway	<b>7</b>	\$1,578	\$186
SF-070029	San Francisco	2007	TBJPA	Transbay Transit Center - TIFIA Loan Debt Service	<b>B</b>	\$1,075	\$20
REG130002	Regional	2013	MTC	Toll Bridge Rehabilitation Program	<b>8</b>	\$892	\$260
SOL070020	Solano	2007	STA	I-80/I-680/SR 12 Interchange Project	<b>9</b>	\$718	\$0
REG050020	Regional	2005	BART	BART Car Exchange (Preventive Maintenance)	<b>C</b>	\$674	\$0
SCL990046	Santa Clara	1999	VTA	VTA: Preventive Maintenance	<b>D</b>	\$596	\$0
SON090002	Various	2009	SMART	Sonoma Marin Area Rail Corridor	<b>10</b>	\$579	\$0
SCL090019	Santa Clara	2009	San Jose	San Jose International Airport People Mover	<b>11</b>	\$508	\$2
CC-050025	Contra Costa	2005	BART	E-BART - East Contra Costa Rail Extension	<b>12</b>	\$460	\$0
SCL110002	Santa Clara	2011	VTA	Santa Clara County - US 101 Express Lanes	<b>13</b>	\$431	\$2
SON070004	Sonoma	2007	SCTA	US 101 Marin/Sonoma Narrows (Sonoma)	<b>14</b>	\$374	\$1
CC-010023	Contra Costa	2001	CCTA	I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5	<b>15</b>	\$369	\$4
MRN050034	Marin	2005	TAM	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	<b>16</b>	\$353	\$0
SF-110006	San Francisco	2011	SF DPW	Hunters Pt Shipyard and Candlestick Pt Local Roads	<b>17</b>	\$338	\$5
REG090003	Regional	2009	MTC	Freeway Performance Initiative (FPI)	<b>E</b>	\$333	\$13

**Projects in the 2017 TIP Over \$200 Million** (continued)  
(\$ in millions)

<b>TIP ID</b>	<b>County</b>	<b>Original TIP</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Mapping Label</b> (Page S1-23)	<b>Total Project Cost</b> (all years)	<b>Project Cost within 2017 TIP Period</b>
ALA170009	Alameda	2017	ACTC	Widen I-680 NB and SB for EL from SR-84 to Alcosta	<b>18</b>	\$322	\$2
SCL050009	Santa Clara	2005	VTA	Capitol Expressway LRT Extension- Phase II	<b>19</b>	\$294	\$0
ALA110046	Alameda	2011	Oakland	Oakland Army Base Infrastructure Improvements	<b>20</b>	\$289	\$46
MRN970016	Marin	1997	GGBHTD	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	<b>21</b>	\$273	\$4
SF-130006	San Francisco	2013	SF DPW	Southeast Waterfront Transportation Improvements	<b>F</b>	\$253	\$100
SF-070027	San Francisco	2007	SFCTA	Yerba Buena Island (YBI) Ramp Improvements	<b>22</b>	\$239	\$59
ALA090027	Alameda	2009	Port of Oakland	7 <sup>th</sup> St. Grade Separation and Port Arterial Improvements	<b>23</b>	\$237	\$36
SOL110001	Solano	2011	MTC	I-80 Express Lanes - Fairfield & Vacaville Ph I&II	<b>24</b>	\$237	\$2
SCL110009	Santa Clara	2011	VTA	El Camino Real Bus Rapid Transit	<b>25</b>	\$234	\$0
REG110030	Regional	2011	Caltrain	Caltrain Positive Train Control System	<b>G</b>	\$231	\$0
CC-130048	Contra Costa	2013	BART	BART Station Modernization Program	<b>H</b>	\$228	\$0
ALA170010	Alameda	2017	ACTC	I-880 NB HOV/HOT: North of Hacienda to Hegenberger	<b>26</b>	\$221	\$2
ALA150001	Alameda	2015	ACTC	Route 84 widening, Pigeon Pass to I-680	<b>27</b>	\$220	\$4
BRT030004	Regional	2003	BART	BART Train Control Renovation	<b>I</b>	\$220	\$0
SF-990022	San Francisco	1999	SFMTA	SFMTA: ADA Paratransit operating support	<b>J</b>	\$217	\$0
SCL050001	Santa Clara	2005	VTA	VTA: Standard & Small Bus Replacement	<b>K</b>	\$211	\$0
SF-130001	San Francisco	2013	SF DPW	SF- Better Market Street Transportation Elements	<b>28</b>	\$206	\$2



**Grouped Listings in the 2017 TIP Over \$200 Million**  
(\$ in millions)

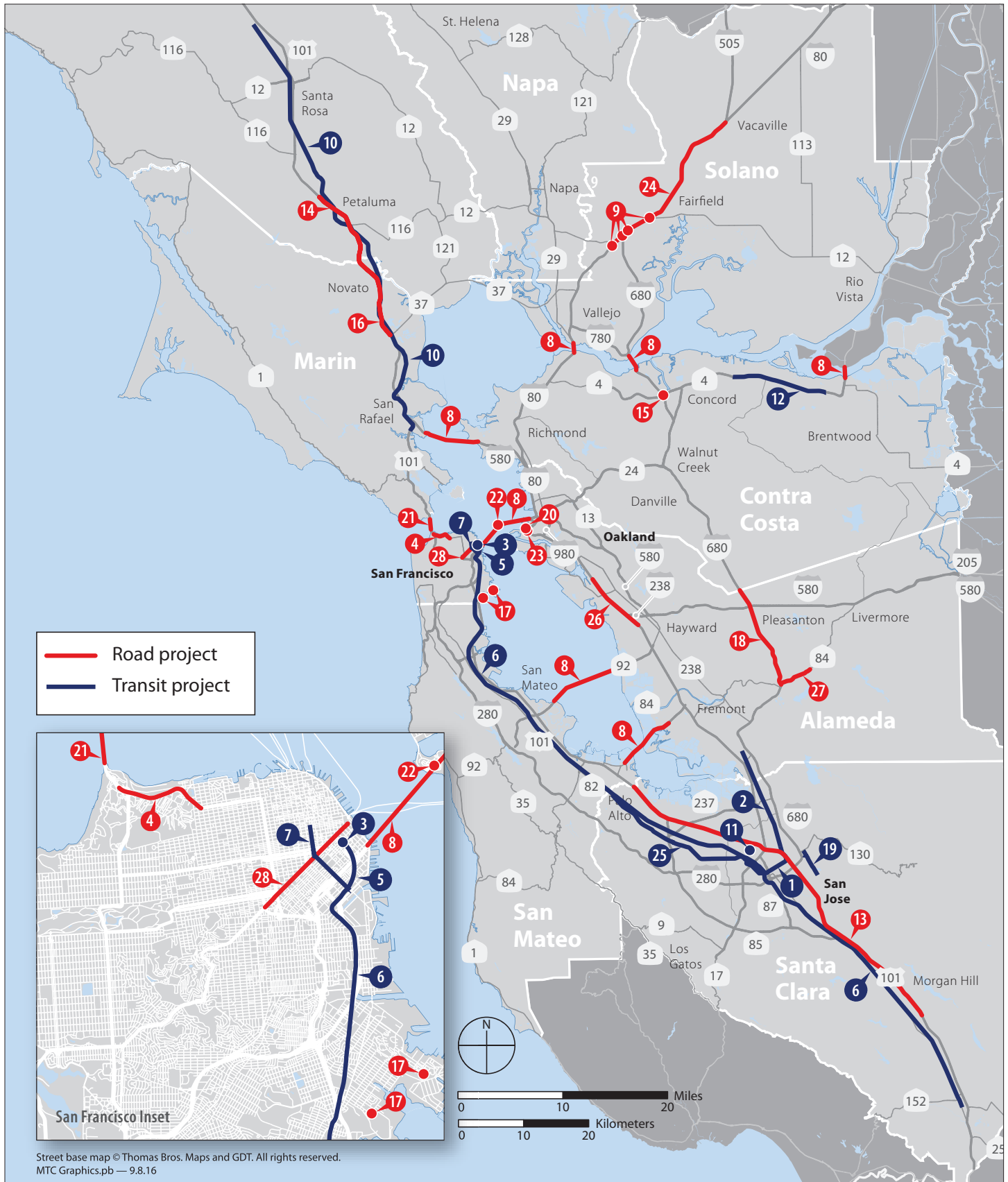
<b>TIP ID</b>	<b>County</b>	<b>Original TIP</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost (all years)</b>	<b>Project Cost within 2017 TIP Period</b>
VAR170006	Regional	2017	Caltrans	GL: Pavement Resurfacing/ Rehabilitation - SHOPP Roadway Preservation	\$510	\$510
VAR170012	Regional	2017	Caltrans	GL: Bridge Rehabilitation/ Reconstruction - Local Hwy Bridge Program	\$423	\$174
VAR170007	Regional	2017	Caltrans	GL: Safety Improvements - SHOPP Collision Reduction	\$342	\$342
VAR170010	Regional	2017	Caltrans	GL: Bridge Rehabilitation and Reconstruction - SHOPP	\$276	\$276

# Projects in the 2017 TIP with Costs Greater than \$200 Million

**RED** Road Project  
**BLUE** Transit Project

- |  |  |   |
|--|--|---|
| <p>1 <b>BART - Berryessa to San Jose Extension</b><br/>Santa Clara County<br/><b>\$3.96 billion</b></p> <p>2 <b>BART - Warm Springs to Berryessa Extension</b><br/>Santa Clara County<br/><b>\$2.52 billion</b></p> <p>3 <b>Transbay Terminal/Caltrain Downtown Extension, Phase 1</b><br/>San Francisco County<br/><b>\$2.26 billion</b></p> <p>4 <b>US-101 Doyle Drive Replacement</b><br/>San Francisco County<br/><b>\$1.99 billion</b></p> <p>5 <b>Transbay Terminal/Caltrain Downtown Extension, Phase 2</b><br/>San Francisco County<br/><b>\$1.93 billion</b></p> <p>6 <b>Caltrain Electrification</b><br/>Multiple Counties<br/><b>\$1.61 billion</b></p> <p>7 <b>SF Muni Third St LRT Phase 2 - Central Subway</b><br/>San Francisco County<br/><b>\$1.58 billion</b></p> <p>8 <b>Toll Bridge Rehabilitation Program</b><br/>Multiple Counties<br/><b>\$892 million</b></p> <p>9 <b>I-80/I-680/SR-12 Interchange Project</b><br/>Solano County<br/><b>\$718 million</b></p> <p>10 <b>Sonoma Marin Area Rail Corridor</b><br/>Sonoma/Marin Counties<br/><b>\$579 million</b></p> <p>11 <b>San Jose International Airport People Mover</b><br/>Santa Clara County<br/><b>\$508 million</b></p> <p>12 <b>E-BART - East Contra Costa County Rail Extension</b><br/>Contra Costa County<br/><b>\$460 million</b></p> <p>13 <b>US 101 Express Lanes in Santa Clara County</b><br/>Santa Clara County<br/><b>\$431 million</b></p> <p>14 <b>US-101 Marin-Sonoma Narrows (Sonoma)</b><br/>Sonoma County<br/><b>\$374 million</b></p> | <p>15 <b>I-680/SR-4 Interchange Reconstruction - Phases 1, 2, 4 &amp; 5</b><br/>Contra Costa County<br/><b>\$369 million</b></p> <p>16 <b>US-101 Marin-Sonoma Narrows (Marin)</b><br/>Marin County<br/><b>\$353 million</b></p> <p>17 <b>Hunters Point Shipyard and Candlestick Point Local Roads</b><br/>San Francisco County<br/><b>\$338 million</b></p> <p>18 <b>Widen I-680 Northbound and Southbound for Express Lanes</b><br/>Alameda County<br/><b>\$322 million</b></p> <p>19 <b>Capitol Expressway LRT Extension, Phase 2</b><br/>Santa Clara County<br/><b>\$294 million</b></p> <p>20 <b>Oakland Army Base Infrastructure Improvements</b><br/>Alameda County<br/><b>\$289 million</b></p> <p>21 <b>Golden Gate Bridge Seismic Retrofit, Phases 1-3A</b><br/>Marin/San Francisco Counties<br/><b>\$273 million</b></p> <p>22 <b>Yerba Buena Island (YBI) Ramp Improvements</b><br/>San Francisco County<br/><b>\$239 million</b></p> <p>23 <b>7th St. Grade Separation and Port Arterial Improvements</b><br/>Alameda County<br/><b>\$237 million</b></p> <p>24 <b>I-80 Express Lanes in Fairfield &amp; Vacaville, Phases 1 &amp; 2</b><br/>Solano County<br/><b>\$237 million</b></p> <p>25 <b>El Camino Real Bus Rapid Transit</b><br/>Santa Clara County<br/><b>\$234 million</b></p> <p>26 <b>I-880 Northbound HOV/Express Lane</b><br/>Alameda County<br/><b>\$221 million</b></p> <p>27 <b>SR-4 East Widening from Pigeon Pass to I-680</b><br/>Alameda County<br/><b>\$220 million</b></p> | <p>28 <b>SF- Better Market Street Transportation Elements</b><br/>San Francisco County<br/><b>\$206 million</b></p> <p><b>NOT MAPPED</b></p> <p>A <b>BART Railcar Procurement Program</b><br/>Multiple Counties<br/><b>\$2.03 billion</b></p> <p>B <b>Transbay Transit Center- TIFIA Loan Debt Service</b><br/>San Francisco County<br/><b>\$1.08 billion</b></p> <p>C <b>BART Car Exchange (Preventive Maintenance)</b><br/>Multiple Counties<br/><b>\$674 million</b></p> <p>D <b>VTA: Preventive Maintenance</b><br/>Santa Clara County<br/><b>\$596 million</b></p> <p>E <b>Freeway Performance Initiative (FPI)</b><br/>Multiple Counties<br/><b>\$333 million</b></p> <p>F <b>Southeast Waterfront Transportation Improvements</b><br/>San Francisco County<br/><b>\$253 million</b></p> <p>G <b>Caltrain Positive Train Control System</b><br/>Multiple Counties<br/><b>\$231 million</b></p> <p>H <b>BART Station Modernization Program</b><br/>Contra Costa County<br/><b>\$228 million</b></p> <p>I <b>BART Train Control Renovation</b><br/>Multiple Counties<br/><b>\$220 million</b></p> <p>J <b>SFMTA ADA Paratransit Operating Support</b><br/>San Francisco County<br/><b>\$217 million</b></p> <p>K <b>VTA: Standard and Small Bus Replacement</b><br/>Santa Clara County<br/><b>\$211 million</b></p> |
|--|--|---|

# Projects in the 2017 TIP with Costs Greater than \$200 Million



# PROJECT SELECTION AND PROGRAMMING

How are TIP projects selected and programmed?

## Project Selection Processes

The process by which a project is selected for federal, state, and regional funding depends on the type of project and the specific fund source being sought. Below is a list of some of MTC's major program-specific processes and resolutions. The full listing of project selection and programming resolutions are available as appendices to this document (Appendices A-14 through A-57) and are also available at on the MTC website at <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>.

- Coordinated Public Transit-Human Services Transportation Plan, Resolution No. 4085
- Regional Transit Expansion Program, Resolution No. 3434
- 2016 Regional Transportation Improvement Program (RTIP), Resolution No. 4208
- One Bay Area Grant 2 (OBAG 2), Resolution No. 4202
- Active Transportation Program (ATP), Regional Program, Cycle 2, Resolution No. 4172
- Transit Capital Priorities (TCP) for FY2015-16 (FTA Sections 5307, 5337, and 5339), Resolution No. 4212
- Lifeline Transportation Program, FY2014 through FY2016, Resolution No. 4179
- Enhanced Mobility for Seniors and Individuals with Disabilities Program for FY2012-13 and FY2013-14 (Section 5310), Resolution No. 4168
- FTA Rural Formula for FY2015-16 and FY2016-17 (Section 5311), Resolution No. 4216
- Transit Core Capacity Challenge Grant for FY2014-15 through FY2029-30, Resolution No. 4123

## TIP Programming

Once selected for funding, a project is eligible for inclusion in the TIP. As a result, the TIP is a compilation of projects that have typically already been reviewed and acted upon by MTC and sponsoring agencies. Many projects in the TIP have been carried forward from previous iterations of the TIP, reflecting project selection or programming actions by the Commission from prior years.

In addition to the projects selected and programmed by MTC, the TIP also includes Toll Bridge projects and regionally significant local projects approved and funded by transportation agency partners and/or referenda. Examples here include the voter approved toll increase in the Bay Area, Regional Measure 2, and county sales tax measures.

The constrained TIP also includes available State funds, including Proposition 1B and State Transportation Improvement Program (STIP) funds, utilizing the latest fund estimates, and funding actions by the State.

Projects selected for these regional and State funds are typically selected for funding and then amended into the TIP by MTC.

### **Fund Management**

Federal regulations stipulate that federal funds must be programmed in the TIP up to the apportionment level for that fiscal year for that fund source. The funds must be programmed within the fiscal year in which the funds are to be obligated/transferred by the Federal Highway Administration (FHWA), obligated by the Federal Transit Administration (FTA), or awarded in a FTA grant. This improves the overall management of federal Obligation Authority (OA) within the region and ensures that OA is available for projects that are programmed in a particular fiscal year.

As a result, MTC requires that projects selected for federal funding demonstrate the ability to use the funds within the established federal, state and regional funding deadlines. This criterion is used by MTC for selecting projects for funding and for placement of funding in a particular year of the TIP.

### **TIP Period**

The TIP covers a four-year period. For the 2017 TIP, the period is Federal Fiscal Years 2016-17 through 2019-20. Previously expended funds (shown as 'prior') and funds estimated to be available in future years and are included for informational purposes and to display total project cost. All projects included in the TIP must show the total project cost escalated to the year of expenditure. Projects may be revised as cost estimates are refined and they proceed through the environmental process.

### **Expedited Project Selection Process**

Federal regulations allow for the movement of projects within the period of the TIP and FSTIP subject to procedures agreed to by partnering agencies, including the State and transit operators within the region (23 CFR Part 450.330). MTC developed such a process, in consultation with the region's transportation partners, to permit the movement of projects in the first four years of the TIP:

- All movements must be consistent with the Regional Transportation Plan (RTP), must not adversely affect the expeditious implementation of Transportation Control Measures (TCMs), must comply with the provisions of Title VI, must not negatively impact the planned delivery of other projects in the regional programs, and must not affect the conformity finding of the TIP.
- For regional Surface Transportation Block Grant Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) funds, and other funds administered by the Federal Highways Administration (FHWA), MTC has developed a project funding delivery policy through extensive consultations with its regional transportation partners including the Bay Area transit operators, Congestion Management Agencies (CMA's), counties,

FHWA, FTA and Caltrans. The Regional Project Funding Delivery Policy (MTC Resolution No. 3606, revised) details how project-funding deadlines and fund management requirements are enforced and how projects may be moved within the time period of the adopted TIP. The policy satisfies the requirement of the expedited project selection procedures as stated in CFR 450.330. The project funding delivery policy is also embedded in the TIP revision procedures, adopted along with the 2017 TIP. Although a TIP revision is not required at the time a project is moved, a revision may be processed following each federal fiscal year to reconcile the TIP for financial constraint purposes.

- For projects within the State Transportation Improvement Program (STIP) and Active Transportation Program (ATP), MTC will move projects subject to amendment or allocation approval by the California Transportation Commission (CTC). Caltrans may move projects in the State Minor Program, Highway Maintenance (HM) Program, and State Highway Operation Protection Program (SHOPP) document within the TIP/FSTIP period without revising the TIP, with notification to MTC.
- Caltrans Division of Local Assistance has implemented a project selection process for the Local Highway Bridge Program (LHBP), Highway Safety Improvement Program (HSIP), and other State-administered Local Assistance programs to produce the TIP listing of projects. This process was developed in cooperation with the implementing agencies, FHWA, the MPOs, Local Highway Bridge Advisory Committee, and HSIP Advisory Committee. Caltrans, MTC and the transit operators agree that the Caltrans Division of Local Assistance may move projects within the LHBP, HSIP, and other State-administered Local Assistance programs within the TIP/FSTIP period without revising the TIP, with notification to MTC.
- For FTA administered funds, projects may be moved within the period of the TIP/FSTIP at the request of the agency, as long as funding is available and the change does not negatively impact the delivery or availability of funds for other projects ready for obligation.
- Implementing agencies wishing to advance projects using their own local funds until federal funds are available may request Advance Construction Authorization (ACA) from Caltrans, or pre-award authority from FTA to proceed with the project using local funds until OA and apportionment becomes available. In accordance with the Regional Project Funding Delivery Policy (MTC Resolution No, 3606, revised), projects using ACA or FTA Grant Award Authority for FHWA-administered funds have priority for federal obligations when the availability of Obligation Authority is limited.

## PROJECT DELIVERY

### What happens after a project is programmed in the TIP?

After a project is programmed in the TIP, the project sponsor may proceed with delivering the project. An important component of project delivery is obligating, or drawing down, the funds that are programmed in the project's TIP listing.

#### Annual Listing of Obligated Projects

Detailed information about project delivery is available through the annual listing of obligated projects, a federal requirement that MTC publishes each year. The listing shows all federal funds that were obligated on projects in the previous fiscal year.

Fund obligations are a measure of progress in terms of project implementation or construction. However, projects for which funds have been obligated are not necessarily initiated or completed in that program year.

In addition, the amount of the obligation will not necessarily equal the total cost of that project or project phase. The total cost could also include matching funds, multiple phases, or could come in over or under budget. Negative obligations are also possible when unused funds are credited back after obligation.

The annual listing also is intended to increase the awareness of government spending on transportation projects to the public. The annual listing may be viewed at: <http://mtc.ca.gov/our-work/fund-invest/federal-funding/project-delivery> or at MTC's offices at 375 Beale St., San Francisco. The list for the previous federal fiscal year is also included in Appendix A-60.

#### FHWA Funding Project Delivery

To further facilitate project delivery and ensure all federal funds in the region are meeting federal and state regulations and deadlines, MTC has established funding deadlines for certain FHWA-administered funding, including STP and CMAQ funds. The region's Project Funding-Delivery Policy (MTC Resolution No. 3606, revised) establishes a standard policy for enforcing project funding deadlines and project substitutions for FHWA-administered funds. Projects selected to receive federal funds must have a demonstrated ability to use the funds within the established regional, state and federal funding deadlines. This criterion will be used for selecting projects for funding, and for placement of funding in a particular year of the TIP.

Recipients of FHWA-administered funding will also need to identify a staff position that serves as the single point of contact for the implementation of all FHWA-administered funds within

#### ***Project Obligation***

When a project sponsor is ready to start spending money on a project or project phase, a request is sent from Caltrans to the Federal Department of Transportation requesting verification that the programmed funds are available for reimbursement. This verification of fund availability "obligates" the funds for use as soon as expenditures occur.

For Federal Transit Administration (FTA) projects, obligation occurs when the FTA grant is awarded.

that agency. The person in this position must have sufficient knowledge and expertise in the federal-aid delivery process to coordinate issues and questions that may arise from project inception to project close-out. The agency is required to confirm the contact information for this position at the time of programming of funds in the federal TIP. This person will be expected to work closely with FHWA, Caltrans, MTC and the respective CMA on all issues related to federal funding for all FHWA-funded projects implemented by the recipient.

Project sponsors that continue to miss delivery milestones and funding deadlines for any federal funds are required to prepare and update a delivery status report on all projects with FHWA-administered funds they manage, and participate if requested in a consultation meeting with the county CMA, MTC and Caltrans prior to MTC approving future programming or including any funding revisions for the agency in the federal TIP. The purpose of the status report and consultation is to ensure the local public agency has the resources and technical capacity to deliver FHWA federal-aid projects, is fully aware of the required delivery deadlines, and has developed a delivery timeline that takes into consideration the requirements and lead-time of the federal-aid process within available resources.

MTC staff actively monitors and reports the obligation status of projects to the Bay Area Partnership. The Partnership working groups will monitor project delivery issues as they arise and make recommendations as necessary. Specific provisions of the Regional Project Funding-Delivery Policy are contained within MTC Resolution No. 3606, revised, which is included as Appendix A-58.



## **PUBLIC & INTERAGENCY INVOLVEMENT**

### **How are the public, project sponsors, stakeholders, and partner agencies involved in the TIP?**

MTC is committed to a public involvement process that is transparent, proactive and provides comprehensive information, timely public notice, full public access to key decisions, and opportunities for continuing involvement. Because all projects included in the TIP are consistent with the region's long-range transportation plan, MTC's extensive public outreach for development of the plan is reflected in the TIP as well. Additionally, the process for updating and revising the TIP is directed by procedures contained in the MTC Public Participation Plan (PPP). The PPP is available at [http://www.mtc.ca.gov/get\\_involved/participation\\_plan.htm](http://www.mtc.ca.gov/get_involved/participation_plan.htm), and is included in Appendix A-5.

#### **Outreach Efforts**

For the TIP update process, the PPP stipulates that the draft TIP must be released for a 30 day public review and comment period. As part of the public review process, the draft document is made available for review online, and at MTC's offices at 375 Beale St., San Francisco, at major libraries throughout the Bay Area upon request, and submitted for intergovernmental review via the Association of Bay Area Government's Regional Clearinghouse, which notifies all local agencies in the Bay Area and receives their comments. Notices are also sent to an extensive list of interested parties including transportation agencies, other state, federal and tribal agencies and other transportation interests. During the public comment period, a public hearing is held on the draft TIP and draft air quality conformity determination at a standing committee meeting.

After the public comment period, MTC's responses to significant comments are compiled and included as an appendix to the final draft TIP. The final draft TIP is then presented to a standing committee of the Commission and forwarded to the full Commission for adoption. Once adopted, the TIP is sent to the Caltrans Office of Federal Programs for inclusion into the California Federal Statewide Transportation Improvement Program (FSTIP) or Statewide TIP, and later forwarded to FHWA and the FTA for final federal approval.

Additional public outreach for the TIP are described below.

- MTC publishes a Guide to the San Francisco Bay Area's TIP, which is targeted to the public. The objective of the guide is to better explain what the TIP is in the context of a larger planning and project development and funding process. Since the first edition in 2011, the guide has been posted on the MTC website and distributed to the public at various workshops including the public hearings and other events. MTC also distributes the guide to state, local and federal resource agencies and Tribal Nations as part of our consultation on the development of the TIP. The guide is included as Appendix A-3 and

is available on MTC's website at: <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>.

- As part of the development of the current plan, MTC, together with the Association of Bay Area Governments, hosted several agency and public scoping meetings. At these scoping meetings, the development of the 2017 TIP was presented and connections with the plan were highlighted. Similarly, for the plan update that is currently underway, MTC presented information on the 2015 TIP and the 2017 TIP development process at numerous public open houses in 2015 and 2016. Outreach materials specific to the TIP included maps of the largest TIP projects in each county, county spending by various project types, an overview to how the TIP fits into the overall transportation planning process, and information about the 2017 TIP development schedule.

### **FTA Requirements**

Federal transit law and joint FHWA/FTA planning regulations governing the metropolitan planning process require a locality to include the public and solicit comment when the locality develops its metropolitan long-range transportation plan and its metropolitan TIP. FTA has determined that when a recipient follows the procedures of the public involvement process outlined in the FHWA/FTA planning regulations, the recipient satisfies the public participation requirements associated with development of the Program of Projects (POP) that recipients of Section 5307 funds must meet. MTC's PPP and public outreach for the TIP satisfy the public participation requirements for the POP for FTA Section 5307 Program. Public notices of public involvement activities and times established for public review and comment on the TIP state that they satisfy the POP requirements of the FTA Section 5307 Program.

Consistent with Federal requirements, the 2017 TIP identifies projects implementing the Americans with Disabilities Act (ADA) required paratransit and key station plans. The ADA requires that public transportation services and facilities, including trains and rail stations, be accessible to persons with disabilities. Federal regulations allow each rail system operator to designate certain stations as key stations and to make these readily accessible to and usable by individuals with disabilities, including individuals who use wheelchairs. Most of the projects adopted in the key station plans have been implemented. Appendix A-66 lists some of the ongoing ADA implementation transit projects.

### **Interagency Consultation Process**

MTC consults extensively with Caltrans, county Congestion Management Agencies (CMAs), transit agencies, local jurisdictions, Tribal Nations and other partner agencies affected by transportation decisions, in the preparation of the region's long-range transportation plan, and in developing the priorities and programs during each TIP period.

This interagency consultation process includes:

- Project sponsors include Caltrans, local jurisdictions, county CMAs, and transit operators. These agencies review and consult with MTC on each of their respective projects in the

TIP. Furthermore, through the Bay Area Partnership, these agencies are involved every step of the way in the establishment of MTC programs and the selection of project criteria and delivery of transportation projects contained in the TIP.

- Central to developing the TIP is MTC's process for deciding how to invest discretionary federal dollars, meaning those funds that can be used on a variety of transportation needs, be they local streets, bus replacements, rail extensions, a new freeway interchange or bicycle and pedestrian facilities. To develop a plan for spending funds for the federal Surface Transportation Program (STP) and Congestion Mitigation and Air Quality Improvement Program (CMAQ), MTC works closely with local partner agencies and its citizen-based Policy Advisory Council to develop regional priorities. The priorities stem from the long-range plan, Plan Bay Area.
- MTC and other regional agency staff meet periodically with the Tribal Nations in the region to consult with them on the development of the regional long-range transportation plan and related programming processes. For the development of the next plan, Plan Bay Area 2040, a Tribal Summit was held on June 13, 2016 to discuss respective MTC and tribal roles in the development of transportation plans and programs in the Bay Area. The 'Guide to the TIP' was distributed at the Summit.
- Air Quality consultations on air quality issues occur through the Air Quality Conformity Task Force (including the Bay Area Air Quality Management District as well as representatives of the Environmental Protection Agency, California Air Resources Board, Federal Highway Administration and Federal Transit Administration and state and local transportation agencies) which reviews updates to the TIP and its air quality conformity analysis.
- Notices on the draft TIP updates are mailed out along with instructions on how to access and comment on the TIP. The mailing roster targets agencies involved in the preparation of the region's long-range plan, including Tribal Nations. Additionally, state agencies and local agencies are consulted through the Inter-Governmental Review process (Association of Bay Area Government's Area-wide Clearinghouse).
- MTC's compliance with the California Environmental Quality Act (CEQA) for the regional long-range transportation plan also serves as the framework to consult, as appropriate, with federal, state and local resource agencies responsible for land use management, natural resources, environmental protections, conservation, and historic preservation.

## TIP REVISIONS

### What happens after the TIP is adopted?

#### Revising the TIP

Once a TIP is adopted, revisions are made on a frequent and routine basis to accommodate changes to project scopes and funding. Revisions to the TIP may occur as amendments, administrative modifications, or technical corrections. Each type of revision follows a different set of implementation procedures. Administrative modifications and amendments are defined in federal regulations, specifically Title 23, CFR part 450.104. The Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and California Department of Transportation (Caltrans) have developed amendment and administrative modification procedures for the TIP. These procedures are posted online at: <http://mtc.ca.gov/our-work/fund-invest/tip/tip-revisions-and-amendments>, in the MTC TIP Revision Process and Procedures document included in Appendix A-68, and by the MTC Public Participation Plan located in Appendix A-5.

MTC staff also has the authority to make technical corrections to the TIP, and the Executive Director and/or a Deputy Director has signature authority to approve administrative modifications for the TIP and Federal Statewide Transportation Improvement Program (FSTIP) under delegated authority by the California Department of Transportation (Caltrans) and to forward TIP amendments once approved by the Commission to the appropriate state and federal agencies for review and approval.

MTC processes TIP revisions when the circumstances prompting the change are compelling, and the change will not adversely affect air quality conformity or financial constraint findings of the TIP. All changes must be consistent with the regional transportation plan.

#### TIP Update

A TIP update is a complete update of the existing TIP to reflect new or revised transportation investment strategies and priorities. Given the dynamic nature of the TIP, with frequent project additions and amendments throughout the year, the TIP update process largely consists of moving projects already programmed in the existing TIP into the next four year period, re-demonstrating the program is constrained to estimated revenues, and re-demonstrating air quality conformity.

Federal regulations require that the TIP be updated at least once every four years. MTC may update the TIP more frequently, however, these updates are limited to special circumstances, such as aligning the update cycle with State processes or to reflect an amendment to the regional long-range plan. Caltrans requires all MPOs in the state to update their TIPs concurrently every two years.

## FINANCIAL CONSTRAINT

The TIP must be financially constrained, meaning that the amount of funding programmed must not exceed the amount of funding estimated to be reasonably available. Financial constraint must be demonstrated by program and by year for the four active years of the TIP.

As an air quality non-attainment area, MTC may only program projects with committed funds in the first two years of the TIP. Reasonably available revenues (funds that are not yet committed to the project but are estimated to be available during the four years of the TIP) may be programmed to projects in the third and fourth years of the TIP.

### Fiscal Constraint of the 2017 TIP

MTC has taken into consideration the transportation funding revenues expected to be available during the four years of the 2017 TIP (FY 2016-17 through FY 2019-20) and has found the programming of the 2017 TIP to be financially constrained by program and by year. For a full accounting of all funds included in the 2017 TIP, please refer to the 2017 TIP Fiscal Constraint Appendix A-75.

MTC re-demonstrates fiscal constraint with every amendment to the TIP. In addition, MTC continuously monitors developments in funding programs and funding needs of transportation projects, as reflected by the TIP project listing. Any significant changes are reviewed by MTC and its transportation partners; and, if needed, MTC will take appropriate actions, such as a TIP revision, to maintain the financial constraint of the TIP.

### System Preservation, Operations and Maintenance Costs

In addition to the funds programmed to the projects in the TIP, fiscal constraint requirements also encompass the estimated costs of preserving, maintaining, and operating the region's transportation system as a whole. The bulk of these funds are not captured by the projects programmed in the TIP, which tend to be large, federally-funded capital projects. The framework of both MTC's current long-range plan and the 2017 TIP meet this requirement.

Below are key programs in the TIP which address system preservation, operation, and maintenance of the transportation system:

- **State Highways:** The State Highway Operation and Protection Program (SHOPP) is a program of projects administered by Caltrans to manage, preserve, and improve the existing State highway system. Caltrans develops a ten-year SHOPP plan that identifies the needs for rehabilitation and reconstruction of all state highways and bridges over a ten-year period. SHOPP projects fall into six major categories: Collision Reduction, Bridge Preservation, Roadway Preservation, Roadside Preservation, Mobility Improvement, and Major Disaster Restoration. Projects are approved for inclusion in the SHOPP on a statewide competitive basis, initiated by the Caltrans District Offices, with safety projects as the highest priority.

- **Local Streets and Roads:** Preservation costs for San Francisco Bay Area local roadway infrastructure (pavement, non-pavement and locally-owned bridges) are determined using a process that incorporates pavement management programs and analysis completed by jurisdictions. The information on local street and road needs feeds into the Regional Transportation Plan needs assessment and is a basis for making funds available for streets and roads preservation projects, which are programmed in the TIP. Refer to Appendix A-68 for more detailed information and Streets and Roads needs and analysis.
- **Transit Operations and Rehabilitation:** The TIP includes Financial Capacity Assessments for public transit agencies in the region, which assess the financial state of the transit operators in the region and initiatives being undertaken to maintain the existing capital plan and service operations. The assessments are included in Section 2 of the TIP document. Also, under the Transit Performance Initiative (TPI), MTC created an incentive program to reward transit agencies that achieve ridership increases and productivity improvements, and has allocated funds to projects in the TIP on the basis of performance, thereby encouraging greater efficiencies and better service to the public.

## FUND SOURCES PROGRAMMED IN THE TIP

### What are the primary federal, state and local fund sources included in the TIP?

The TIP includes transportation funding from a wide variety of sources. The following is a description and availability of the primary fund sources within the four years of the 2017 TIP. All dollar amounts are shown in thousands.

#### Federal Transit Administration (FTA) Programs

- **Section 5307 Urbanized Area Formula:** FTA Section 5307 funds are distributed to urbanized areas by FTA based on population and service factors for the five large urbanized areas of San Francisco-Oakland, San Jose, Concord, Antioch, and Santa Rosa, and population factors for the seven small urbanized areas of Vallejo, Fairfield, Vacaville, Napa, Livermore, Gilroy-Morgan Hill, and Petaluma. MTC prioritizes these funds for transit capital replacement projects such as revenue vehicles and fixed guideway; however, some funds are also used for transit operations, system enhancements and job access and reverse commute projects. MTC adopted a preliminary Section 5307 program of projects for FY2015-16 in January 2016, and anticipates completing the next programming cycle later in 2016. MTC anticipates that the next cycle will include FY2016-17 through FY2019-20 to align with the term of FAST Act authorization.

FTA 5307	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Totals
Revenues	215,403	219,807	224,344	228,976	888,530
Programming	78,132	23,831			101,963
Balance	137,271	195,976	224,334	228,976	786,567

- **5309 Bus and Bus Facilities:** FTA Section 5309 Bus funds are used to fund bus and bus facility replacement, rehabilitation, expansion and enhancement projects. The program was replaced with the new Section 5339 Bus and Bus Facilities formula program by MAP-21 starting in FY2012-13 (see below). Several projects in the TIP include Section 5309 Bus funds programmed in previous years. The FTA Section 5309 Bus program funds were usually awarded by FTA directly to transit operators and other agencies through FTA's State of Good Repair, Bus Livability and other competitive, discretionary programs. The funds were also distributed by Congress through discretionary earmarks.
- **5309 Capital Investment Grants:** The FTA Capital Investment Grants program is a nationally competitive program and is used to fund new and expanded fixed guideway systems including bus rapid transit systems. This program includes the New Starts, Small Starts and Core Capacity funding programs.

<b>FTA 5309 CIG</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	250,000	97,415	35,669		383,084
Programming	250,000	97,415	35,669		383,084
Balance					

- Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities:** FTA Section 5310 funds are available to states or local government authorities, private non-profit organizations, or operators of public transportation for capital and operating projects that serve the special needs of transit-dependent populations beyond traditional public transportation services and Americans with Disabilities Act (ADA) complementary paratransit services. Within California, Caltrans is the designated recipient for the urbanized area (UA) and rural funds in the MTC region. However, under MAP-21, Caltrans has delegated program development for the large UA funds to MTC. MTC is responsible for the region’s large UA project scoring and selection as well as ensuring all projects are derived from the region’s Coordinated Public Transit – Human Services Transportation Plan (“Coordinated Plan”). The Bay Area’s Coordinated Plan was adopted in March 2013, with an update anticipated to be adopted in early 2017.

<b>FTA 5310</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	4,752	4,852	4,955	5,060	19,619
Programming					
Balance	4,752	4,852	4,955	5,060	19,619

- Section 5311 Rural Area Program:** FTA Section 5311 funds are available to transit operators that provide transportation services in rural areas. MTC develops the funding priorities for the Bay Area in conjunction with Caltrans who is the designated recipient and administers the funds. MTC programs the Bay Area’s regional apportionment to transit operators according to each operator’s rural area population and rural area route miles. Recipients are required to prioritize the replacement of capital equipment, with top priority for capital assets needed to maintain existing transit services. Recipients may use funds for operations if they document that the funds are not needed to maintain or replace capital equipment. Currently, funds are programmed through FY 2015-16.

<b>FTA 5311</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	1,551	1,588	1,626	1,664	6,428
Programming					
Balance	1,551	1,588	1,626	1,664	6,428

- Section 5316 Job Access and Reverse Commute Program (JARC):** FTA Section 5316 funds were available for job access projects designed to transport welfare recipients and other eligible low income individuals to and from jobs and other trips related to employment. MAP-21 eliminated Section 5316 as a separate program and combined its function and



funds with the Section 5307 program (see above). Several projects in the TIP include Section 5316 funds programmed in previous years.

- Section 5317 New Freedom Program:** FTA Section 5317 was created by SAFETEA to provide formula funding for new public transportation services and public transportation alternatives beyond those required by ADA to assist persons with disabilities. MAP-21 eliminated Section 5317 as a separate program and combined its function and funds with the Section 5310 program (see above). Several projects in the TIP include Section 5317 funds programmed in previous years.
- Section 5337 State of Good Repair Program:** FTA Section 5337 is a funding program created by MAP-21 to replace the Section 5309 Fixed Guideway Modernization program (see above). Eligible uses of the funds include the replacement and rehabilitation of fixed guideway assets including railcars, ferry vessels, buses operating in HOV lanes, and related infrastructure. Projects are limited to replacement and rehabilitation, or capital projects required to maintain public transportation systems in a state of good repair. The funds are distributed by FTA to the four large urbanized areas of San Francisco-Oakland, San Jose, Concord and Antioch based on service factors. MTC programs the Section 5337 funds using the same criteria and schedule as the FTA Section 5307 funds (see above).

<b>FTA 5337</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	199,825	203,276	206,776	210,337	820,213
Programming	25,310	2,512			27,822
Balance	174,515	200,764	206,776	210,337	820,213

- Section 5339 Bus and Bus Facilities Program:** FTA Section 5339 is a formula funding program created by MAP-21 to replace the Section 5309 Bus and Bus Facilities discretionary program (see above). Eligible uses of the funds are similar: bus and bus facility replacement, rehabilitation, expansion and enhancement projects. The funds are distributed to the 12 Bay Area urbanized areas by FTA based on population and service factors. MTC programs the Section 5339 funds using the same criteria and schedule as the FTA Section 5307 funds (see above).

<b>FTA 5339</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	12,274	12,531	12,797	13,068	50,670
Programming	2,566				2,556
Balance	9,707	12,531	12,797	13,068	48,104

#### Federal Highway Administration (FHWA) Programs

- Surface Transportation Block Grant Program (STP):** Federal transportation legislation authorizes the State of California to distribute regional Surface Transportation Block

Grant Program (STP) funds to areas within the State based on urbanized population shares. MTC pools the STP funds coming to the San Francisco Bay Area with CMAQ funds to develop a comprehensive and multi-modal program. MTC, in cooperation with its transportation partners, developed a variety of regional and local programs through the STP/CMAQ funded One Bay Area Grant (OBAG) program. In general, the STP funds support the Local Streets and Road rehabilitation program, the transit priorities and regional operations programs, planning activities, bicycle and pedestrian projects, and Transportation for Livable Communities. Programming is based on apportionments provided by Caltrans and the Federal Highway Administration (FHWA). Anticipated STP apportionments for FY 2016-17 are programmed as part of OBAG 1; apportionments for FY 2017-18 through FY2021-22 will be programmed through the OBAG 2 programming cycle.

STP	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Totals
Revenues	92,345	93,047	99,634	103,774	391,800
Programming	67,396	75,812			143,208
Balance	24,949	20,235	99,634	103,774	248,593

- Congestion Mitigation and Air Quality Improvement Program (CMAQ):** Federal transportation legislation authorizes the State of California to spend Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds in air basins that are not in compliance with federal air quality standards. California distributes CMAQ funds to the metropolitan planning organizations (MPOs) based on population and the severity of non-attainment of air quality standards in a particular air basin using various weighting factors. MTC pools the CMAQ funds coming to the San Francisco Bay Area with STP funds to develop a comprehensive multi-modal program, known as OBAG (see above). The CMAQ portion of OBAG funds projects and programs that address air quality such as transit programs, regional operations, Transportation for Livable Communities, bicycle and pedestrian projects, Safe Routes to School, the Climate Initiatives program, Freeway Performance Initiative program, and Clipper<sup>SM</sup> (universal fare card). The amounts available for programming were provided by Caltrans and the Federal Highway Administration (FHWA). CMAQ apportionments for the TIP period are shown below. Anticipated CMAQ apportionments for FY 2016-17 are programmed as part of OBAG 1; apportionments for FY 2017-18 through FY2021-22 will be programmed through the OBAG 2 programming cycle.

CMAQ	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Totals
Revenues	75,710	77,174	78,610	80,232	311,726
Programming	74,528	17,070			91,598
Balance	1,182	60,104	78,610	80,232	220,128

- **Transportation Alternatives Program (TAP):** In 2013, the State Legislature combined multiple federal and state bicycle and pedestrian fund programs, including the federal Transportation Alternatives Program (TAP), into a single program. The state's Active Transportation Program (ATP) is described under the State, Regional, and Local programs, below.
- **National Highway Freight Program (NHFP):** Introduced in 2015 with the FAST Act, the NHFP is a formula program supporting the efficient movement of freight on the National Highway Freight Network. Implementation of this new program is still under development; funds will be programmed into the TIP after project selection has been completed.
- **Highway Bridge Program:** Eliminated as a stand-alone federal program under MAP-21, Caltrans has continued to implement the local highway bridge program using other federal funds. The intent of the program is to replace or rehabilitate public highway bridges that are structurally deficient or functionally obsolete. Caltrans manages the statewide program, evaluating candidate projects for eligibility requirements, and including the successful candidate projects in the financially constrained program lists that are forwarded to MPOs for inclusion into the TIP. HBP funded projects are often programmed into the TIP as a single group listing, rather than individual projects.
- **Highway Safety Improvement Program (HSIP):** The purpose of HSIP is to achieve a significant reduction in fatalities and serious injuries on public roads. Caltrans manages the state's allocation of these federal funds, using crash reduction factors to identify candidate projects for funding. HSIP funded projects are often programmed into the TIP as a single group listing, rather than individual projects.

#### Federal Discretionary Programs

- **Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies (FASTLANE):** Introduced in the FAST Act as a new federal discretionary funding program, to fund critical freight and highway projects across the country. The implementation of the first round of this grant program is currently underway; funds will be programmed into the TIP after project selection has been completed.
- **Transportation Infrastructure Finance and Innovation Act (TIFIA):** The TIFIA program provides federal credit assistance in financing surface transportation projects of regional and national significance. Projects must cost at least \$50 million or 33.3% of a state's annual appropriation of federal-aid funds, whichever is less; Intelligent Traffic System (ITS) projects have a lower project cost requirement of \$15 million. Federal credit assistance under TIFIA in the form of secured loans, loan guarantees, or standby lines of credit provides more flexibility in repayment terms and potentially more favorable interest rates than private capital market alternatives.

- **Transportation Investment Generating Economic Recovery (TIGER):** TIGER grants are awarded on a competitive basis for projects that will have a significant impact on the Nation, a metropolitan area, or a region. Since the TIGER program was first created in 2009, \$4.6 billion has been awarded for capital investments in surface transportation infrastructure over seven rounds of competitive grants. TIGER funds will be programmed into the TIP after they have been awarded.
- **Earmarks:** Earmarks are the provision of funds through Congressional action, either legislation or appropriations, to specific projects. In 2011, Congress eliminated earmarks from use. However, many earmarks remain programmed in the TIP (either in the four active years of the TIP or in prior years) on active and ongoing projects. In addition, the Consolidated Appropriations Act, 2016 included a provision that enables States to repurpose unobligated balances on earmarks that are more than ten years old. MTC will amend the TIP as necessary to reflect programming changes that may be required by the implementation of this provision.

### State, Regional, and Local Programs

Not all state and local funds must be programmed in the TIP. However, if these funds are used to match federal dollars described above, or if they are attached to projects that require federal approval or other formal federal action, or if the project funded is considered to be regionally significant, they must be included in the TIP. State and local fund sources include the following:

- **State Transportation Improvement Program (STIP):** The California Transportation Commission (CTC) is required to biennially adopt a State Transportation Improvement Program (STIP). The STIP is a comprehensive listing of all major projects to be funded from specified state funding programs and certain federal funds that flow directly to the state. As a result, many of the projects that are included in the STIP must eventually be included in the regional TIPs and the FSTIP as well. The STIP is funded in large part by the state excise tax on gasoline.

Regional Transportation Improvement Program (RTIP): The bulk (75%) of the STIP consists of spending programs developed at the regional level throughout California, called the Regional Transportation Improvement Programs (RTIP). The RTIP is a five-year capital improvement program of transportation projects on and off the State Highway System, funded with revenues from the State Highway Account (SHA), federal funds, and other funding sources.

Working from a CTC Fund Estimate based on population and road miles, MTC submits the Bay Area's RTIP every two years. The amount available for programming and the actual programmed amount in the 2017 TIP reflect the County Share balances and programming targets of the 2016 STIP Fund Estimate, and funding

committed to the region as adopted by the CTC on May 19, 2016. The next STIP cycle will be in 2018.

Interregional Transportation Improvement Program (ITIP): The remaining element of the STIP (25%) is known as the Interregional Transportation Improvement Program (ITIP). The ITIP is intended to address transportation infrastructure needs that cross metropolitan boundaries and link the state’s transportation system, such as intercity rail and interregional highways. The ITIP is a five-year capital improvement program of transportation projects on and off the state highway system, funded with revenues from the SHA, federal funds, and other funding sources. The amount available for programming and the actual programmed amount in the 2017 TIP reflect the funding committed to the region adopted by the CTC on May 19, 2016. The next STIP cycle will be in 2018.

STIP	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Totals
Revenues	50,957	56,934	20,244	21,643	149,778
Programming	50,957	56,934	20,244	21,643	149,778
Balance					

- State Highway Operation and Protection Program (SHOPP):** The purpose of the SHOPP is to adequately maintain and operate the state highway system. In accordance with Government Code Section 14526.5 and Streets and Highways Code Section 164.6, the SHOPP is a four-year program of projects with the purpose of collision reduction, bridge preservation, roadway preservation, roadside preservation, mobility, or facilities related to the state highway system. SHOPP is funded through the SHA, federal funding, and other sources. The most recent programming, the 2016 SHOPP, covers the four-year period from fiscal years 2016-17 through 2019-20. Similar to the RTIP, the SHOPP is updated every two years. The amount available for programming and the actual programmed amount in the 2017 TIP reflect the SHOPP funding available to the region as approved by the CTC.
- Active Transportation Program (ATP):** The State Legislature created the Active Transportation program (ATP) in 2013 to combine multiple federal and state bicycle and pedestrian fund sources and programs into a consolidated state program. ATP includes federal funding sources such as the Transportation Alternatives Program (TAP), and state funding such as the Bicycle Transportation Account (BTA) and Safe Routes to Schools (SR2S). The CTC has adopted the first two cycles of ATP projects, and the project selection process for the third cycle is currently underway. Once adopted by the CTC, MTC will program the third cycle of ATP, for years 2019-20 and 2020-2021 into the 2017 TIP.

<b>ATP</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	33,473	11,746	27,909	10,329	83,457
Programming	33,743	11,746	27,909		73,128
Balance				10,329	10,329

- Proposition 1B Bond Funds:** Approved by voters in 2006, the program includes nearly \$20 billion in investments statewide through the Corridor Mobility Improvement Account (CMIA), Trade Corridors Improvement Fund (TCIF), Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA), and other programs.
- Transportation Development Act (TDA) & State Transit Assistance (STA) funds:** TDA revenues are derived from a state sales tax of one-quarter of one percent on all retail sales in each county, used to finance transit operations, and bus and rail projects as well as special paratransit services for disabled passengers, and bicycle and pedestrian projects. STA funds are generated from the state sales tax on diesel fuel. These funds can be used for both transit capital and operating projects and are distributed 50% to the Population-Based program and 50% to the Revenue-Based program.
- Regional Measure 1 (RM 1), Regional Measure 2 (RM 2), and other bridge toll funds:** Bridge Toll funding is funding generated from tolls collected on the seven state-owned toll bridges in the bay area. The Bay Area Toll Authority (BATA) administers and allocates base toll revenues from the seven state-owned bridges to Caltrans for the day-to-day operations, maintenance and administration of these bridges, as well as their capital improvement and rehabilitation. BATA also serves as a pass-through agency for Regional Measure 2 (RM2) bridge toll funds to specific voter-approved projects to relieve traffic congestion in bridge corridors, earthquake retrofit of state-owned toll bridges and other traffic mitigation projects related to retrofit work. Other bridge toll funding programs include Regional Measure 1 (RM1) and AB1171 projects to relieve traffic congestion in bridge corridors; AB 664 Net Bridge Toll Revenues, which MTC's policy is to use to match federally funded transit capital projects that relieve congestion on the San Francisco-Oakland Bay, San Mateo-Hayward and Dumbarton bridges; and Two Percent Bridge Toll revenues, which are derived from the transit element of RM1 and fund specific ferry and non-ferry capital projects.

<b>Bridge Tolls</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	706	709	713	717	2,845
TIP Programming	157	79	67	51	353
Committed to Maintenance, debt service, etc.	549	630	646	666	2,491
Balance					

- Proceeds from county half-cent transportation sales taxes, and sales taxes for transit:**  
 Includes 1/2¢ Sales Tax for transit and other highway improvements in Alameda, San Francisco, Contra Costa, Marin, Napa, Santa Clara, San Mateo, and Sonoma Counties. It does not include pending sales tax measure. Other local funding also includes Garvee Bond financing by local agencies, gas tax subventions, and Transportation Development Act (TDA) Articles 4 and 8 (1/4-cent sales tax) for transit operating assistance and capital projects. Programming of local funding takes place at the discretion of local collecting agencies.

<b>Other Local</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>Totals</b>
Revenues	4,829	4,962	5,114	5,245	20,150
Programming	1,105	728	768	231	2,832
Balance	3,723	4,233	4,347	5,014	17,317

### Innovative Financing

- Advance Construction:** Advance Construction (AC) is a financial management tool used to advance projects to meet program goals and project delivery schedules using non-federal funds while remaining eligible for federal funding at a later date. Once federal funding becomes available AC projects may be converted in whole or in part to normal federal funding. The previously expended funds are then replenished by federal reimbursements.
- Toll Credits:** Section 120(j) of Title 23 allows states to use certain toll revenue expenditures as a credit toward the non-federal matching share of programs authorized by Title 23 (except for the emergency relief programs) and for transit programs authorized by Chapter 53 of Title 49, referred as transportation development credits. Toll credits are not additional funds, but may be used in lieu of the non-federal match, bringing federal participation in a project to 100 percent of the project cost. The TIP must remain fiscally constrained when using toll credits in lieu of the non-federal match. Tracking of toll credits is performed through MTC's Fund Management System (FMS). State and Regional toll credits policies and procedures are included in Appendix A-53 and Appendix A-54.

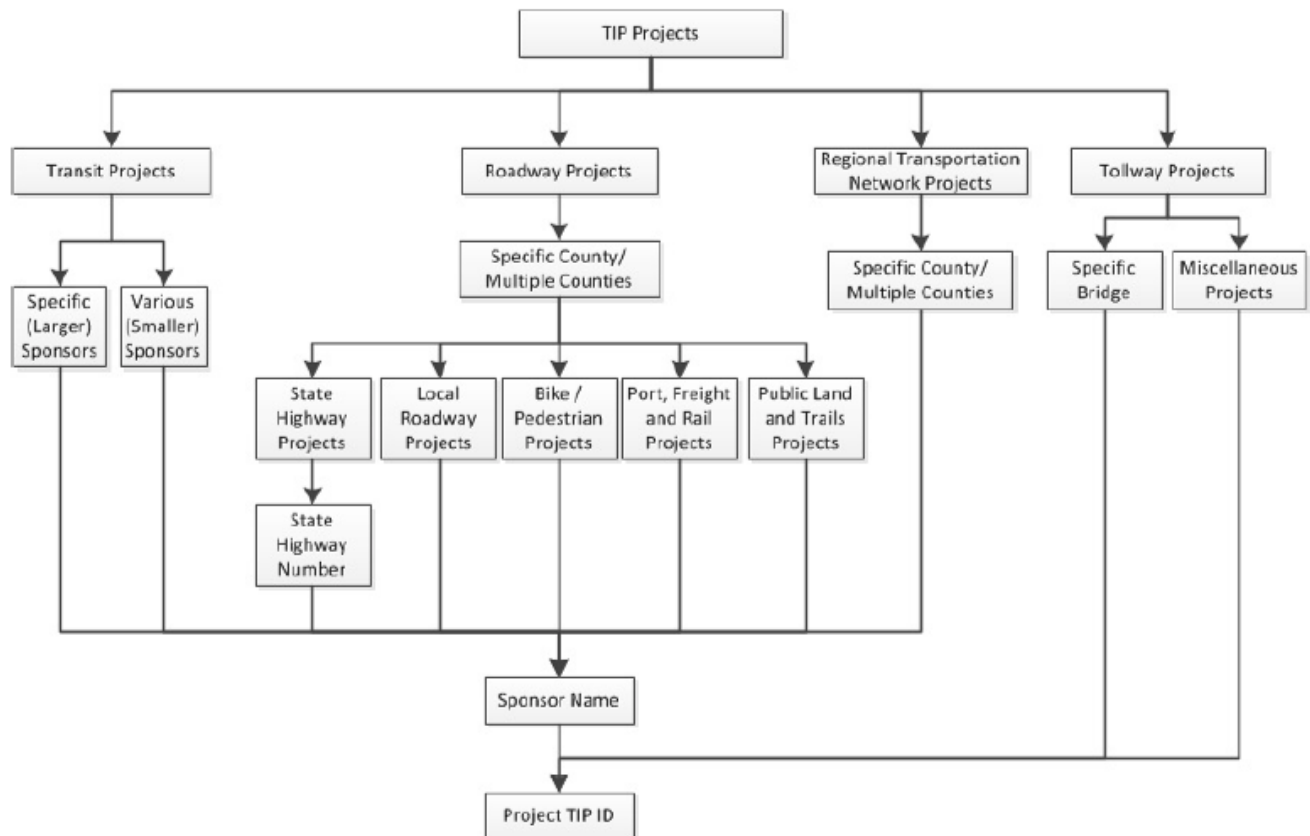
# HOW TO READ THE PROJECT LISTINGS

How do I find information on specific TIP projects?

## Organization

Project listings provide a detailed description for each individual project listed in the TIP. The projects are organized into four sections, transit projects, roadway projects, regional transportation projects (region-wide projects and initiatives), and tollway projects. Transit projects are listed alphabetically by operator. Roadway projects are sorted first by county and then by general project type (state highway, local roadway, bicycle and pedestrian, port, freight and rail, and public lands and trails), and listed alphabetically by project sponsor. Regional transportation projects are sorted by county and then listed by TIP ID number. Projects being implemented on toll facilities are sorted by the specific toll bridge that they affect and then by TIP ID.

## Sort Order for Detailed Project Listings



Another way to locate the page number for a specific project is through the indices located at the end of Volume 1, Section 3. The indices are organized by County and sorted by TIP ID.



### **Single Line Project Listing Reports**

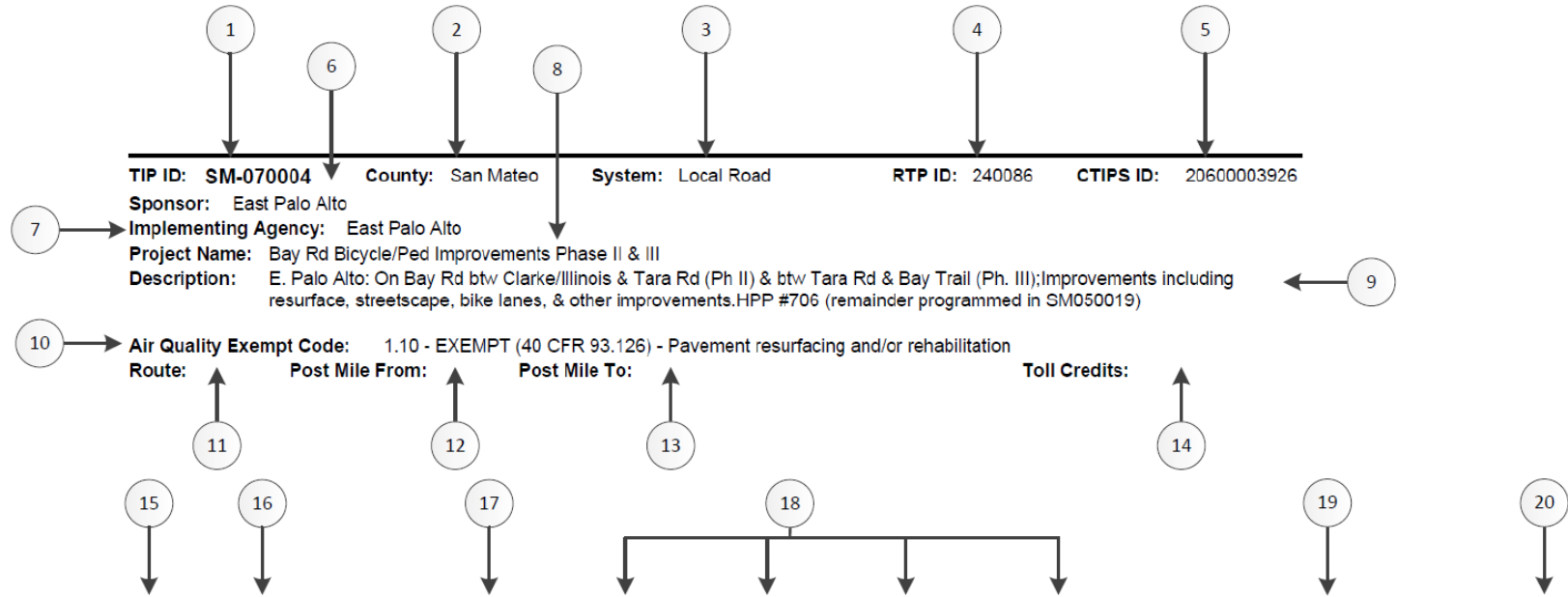
To view high level project information and aggregated funding information about each project, single line project listings and reports are included as Appendix A-70. The listings are divided by county with projects within each county sorted by project sponsor, transportation system, project purpose, and then TIP ID. The following four single line project listing reports have been included as Appendix A-70.

1. Single Line Project Listing by County
2. Single Line Project Funding Report – Funding by Phase
3. Single Line Project Funding Report – Funding by Authority
4. Single Line Project Funding Report – Funding by Funding by Fiscal Year

### **Key to Detailed Project Listings**

Project listings contain detailed information about the scope, location, funding and schedule. Below is a sample project listing and corresponding key.

### Sample Detailed Project Listing



**TIP ID:** SM-070004    **County:** San Mateo    **System:** Local Road    **RTP ID:** 240086    **CTIPS ID:** 20600003926  
**Sponsor:** East Palo Alto  
**Implementing Agency:** East Palo Alto  
**Project Name:** Bay Rd Bicycle/Ped Improvements Phase II & III  
**Description:** E. Palo Alto: On Bay Rd btw Clarke/Illinois & Tara Rd (Ph II) & btw Tara Rd & Bay Trail (Ph. III); Improvements including resurface, streetscape, bike lanes, & other improvements.HPP #706 (remainder programmed in SM050019)

**Air Quality Exempt Code:** 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

**Route:**    **Post Mile From:**    **Post Mile To:**    **Toll Credits:**

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 3,400	\$ 1,000					\$ 4,400
ROW	OTHER LOCAL	\$ 100					\$ 100	\$ 200
CON	EARMARK	\$ 496						\$ 496
CON	OTHER LOCAL					\$ 1,500		\$ 1,500
CON	RTP-LRP						\$ 15,000	\$ 15,000
CON	ST-STP	\$ 635						\$ 635
CON	STP	\$ 10,644						\$ 10,644
CON	XGEN	\$ 654						\$ 654
<b>Total Programmed Funding:</b>		<b>\$ 15,929</b>	<b>\$ 1,000</b>			<b>\$ 1,500</b>	<b>\$ 15,100</b>	<b>\$ 33,529</b>

## Key to Detailed Project Listing

Project Information		
#	Data Label	Definition
1	TIP ID	A unique number used to identify projects in the TIP. The first three characters indicate the location where the project is being implemented and refers to either a specific county, various counties, or the entire region. The next two digits indicate the version of the TIP where the project was first shown (i.e. for projects added during the 2015 TIP, these digits are 15). The final four digits indicate the order in which the project first appeared in the TIP.
2	County	The county in which the project is located. Projects may also be located in "Various" counties or they may be "Regional" projects.
3	System	The transportation system for which the project improvement is attributed: public transit, local streets and roads, State Highway System or Interstate System, Port and Freight Rail Facilities, Public Lands and Trails, Toll Bridges and Express Lanes (Tollway), and Regional projects.
4	RTP ID	The RTP ID refers to the unique parent project as described in MTC's regional long-range plan.
5	CTIPS ID	A unique number used to identify projects in the California Transportation Improvement Program System (CTIPS).
6	Sponsor	The agency in charge of administering a project.
7	Implementing Agency	The agency administering or implementing a project in partnership with the Sponsor.
8	Project Name	The name or title of the project.
9	Project Description	A brief description of the project location and the scope of work being implemented.
10	Air Quality Exempt Code	The Air Quality Exemption status per federal Environmental Protection Agency (EPA). A list of Air Quality Exempt Codes may be found in Appendix A-64.
11	Route	The State Highway System (SHS) or State Route (SR) number, if applicable.
12	Post Mile From	The beginning limit of a project's location on the State Highway System or on a State Route (if applicable).
13	Post Mile To	The terminating limit of a project's location on the State Highway System or on a State Route (if applicable).

**Key to Detailed Project Listing (continued)**

14	Toll Credits	The amount of Toll Credits being used on the project. More information on the use of toll credits may be found in Appendix A-53 and Appendix A-54.
<b>Funding Information</b>		Please note that the years indicated in the funding information section of the project listing are shown as Federal Fiscal years. The Federal Fiscal Year (FY) in the TIP is from October 1 to September 30 of the following calendar year.
15	Phase	The stage of the project for which the specified funds have been programmed. Phases include: environmental (ENV), design engineering (PSE), preliminary engineering (PE), right of way acquisition (ROW), Caltrans support for right of way (ROW-CT/ROW-SUP), construction (CON), and Caltrans support for construction (CON-CT/CON-CE).
16	Fund Source	The program, law, or other source from which the specified funds originated. A list of all fund codes currently in use, including the associated funding sources, may be found in Appendix A-58.
17	Prior Years	Funding programmed in years prior to the current TIP. These funds are shown for information only. Amounts shown are in \$1,000s.
18	The Four Years of the 2015 TIP	Funding programmed in years covered by the current TIP. Amounts shown are in \$1,000s.
19	Future Years	Funding programmed in years after the current TIP. These funds are shown for information only. Amounts shown are in \$1,000s.
20	Total Programmed	The rows of the funding information table are calculated to show the total amount of funding from a given source programmed in a given phase. The columns are calculated to show the total amount of funding for all phases from all fund sources for a given year. The bottom right corner is calculated to show the total amount of funds programmed for a project inclusive of all fund sources, years, and phases.

# THE TIP ONLINE

## How to find up-to-date information about TIP projects

### How to View the TIP Online

In addition to being printed as a stand-alone document, the TIP is also posted online at: [mtc.ca.gov/our-work/fund-invest/transportation-improvement-program](http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program). This allows project sponsors and the general public to see what transportation projects are planned in their area and in the entire Bay Area. To view the TIP online, the user will need a computer with Internet access capabilities or the user can visit any public library in the Bay Area and ask to use their Internet accessible computer.

### Up-to-date Information

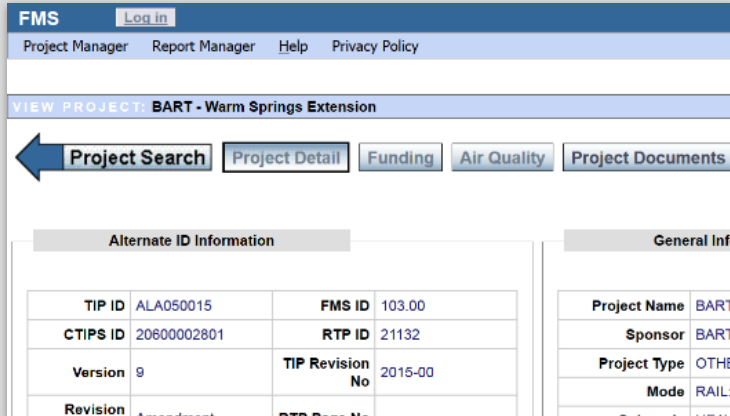
Individual project listings are also maintained in a publicly available database online. This database reflects the current version of each project, including any approved revisions (such as scope or funding changes). MTC's web-based Fund Management System (FMS) is located at: [mtc.ca.gov/our-work/fund-invest/fund-management-system](http://mtc.ca.gov/our-work/fund-invest/fund-management-system).

For specific or detailed information on individual projects, the particular project sponsor or lead implementing agency should be contacted directly.

### View Project Locations in the TIP Interactively

Many projects in the TIP have been mapped to provide a geographic visualization of the project. However, not all projects can easily be mapped. Projects that are not tied to a specific location, such as transit operations and maintenance projects, planning projects and studies, cannot be mapped. To view project maps, visit the FMS application at: [fms.mtc.ca.gov/fms/home.ds](http://fms.mtc.ca.gov/fms/home.ds).

Once at the FMS homepage screen, select "Project Search," and click on the "Search" button. This will bring up a complete list of projects in the current TIP. Projects that can be mapped interactively display a red compass button in the left-most column of the listing under the "Map It" header. If the project is mapped, it can be viewed by clicking on the project's red compass button.



The screenshot shows the FMS interface with a navigation bar at the top containing "Project Manager", "Report Manager", "Help", and "Privacy Policy". Below this is a header for "VIEW PROJECT: BART - Warm Springs Extension". A navigation menu includes "Project Search" (highlighted with a blue arrow), "Project Detail", "Funding", "Air Quality", and "Project Documents". The main content area is divided into two sections: "Alternate ID Information" and "General Info".

Alternate ID Information		General Info	
TIP ID	ALA050015	FMS ID	103.00
CTIPS ID	20600002801	RTP ID	21132
Version	9	TIP Revision No	2015-00
Revision	Amendment	RTP Desc No	

For problems accessing MTC's TIP or FMS online, contact:

**Adam Crenshaw**  
Phone: 415-778-6794  
Email: [acrenshaw@mtc.ca.gov](mailto:acrenshaw@mtc.ca.gov)

## Contacts for Questions about the TIP

For questions on the TIP, you may contact:

Adam Crenshaw  
Phone: 415-778-6794

- OR -

MTC Public Information  
Phone: 415-778-6757  
Email: [info@mtc.ca.gov](mailto:info@mtc.ca.gov)

Email: [acrenshaw@mtc.ca.gov](mailto:acrenshaw@mtc.ca.gov)

For detailed information on individual projects, the particular project sponsor or lead implementing agency should be contacted directly.

General information on the transportation financing process can be found in the MTC publication, *A Guide to the San Francisco Bay Area's Transportation Improvement Program, or TIP*, updated for the 2017 TIP. The guide is posted on MTC's website at <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>. Printed copies are available the MTC offices also be viewed at MTC's offices at 375 Beale St., San Francisco, in the seventh floor reception area may be ordered via e-mail [library@mtc.ca.gov](mailto:library@mtc.ca.gov) or telephone (415) 778-5236.

# **Transit Financial Capacity Assessment**

# 2017 TIP Financial Capacity Assessment

## Regional Summary

### Background

In the San Francisco Bay Area, there are over 20 public transit agencies consisting of bus, ferry boat, light rail, heavy rail, and paratransit service providers. The seven largest transit agencies represent 92 percent of the total transit operating costs in the Bay Area and carry 95 percent of the passenger trips. The table below provides a snapshot of operating and service statistics for Bay Area transit operators

<b>Operator</b>	<b>Service Characteristics</b>	<b>Annual Operating Budget</b>	<b>Annual Revenue Hours</b>	<b>Annual Passengers</b>
AC Transit	Motor Bus	\$335,448	1,970	55,986
BART	Heavy Rail	\$578,422	1,932	131,957
Caltrain	Heavy Rail	\$119,403	190	17,029
GGBHTD	Bus and Ferry	\$109,356	650	9,689
SamTrans	Motor Bus	\$117,001	465	13,098
SFMTA	Bus, Cable Car, Light Rail	\$715,303	3,470	230,027
VTA	Motor Bus and Light Rail	\$340,597	1,808	44,540
Small Operators	Motor Bus, Ferry, Heavy Rail	\$209,542	2,030	24,835
<b>Total</b>		<b>\$2,525,072</b>	<b>12,515</b>	<b>527,161</b>

*\*FY 2013-14 data taken from the 2015 Statistical Summary of Bay Area Transit Operators*

The Bay Area economy has recovered from the downturn that began in Fiscal Year 2007-08 and the region's transit systems have been adding service in order to meet public demand. The region exceeded pre-recession service levels in FY 2014-15 and while transit operators continue to add passengers and service hours, they are cautious about expanding operations too quickly given limited revenue from state and Federal sources, the susceptibility of sales tax revenues to economic swings, and an increasing needs for capital maintenance investments.

During the constrained financial environment from FY 2009 to FY 2011, transit agencies carefully examined their service and opportunities to reduce costs and improve productivity, where possible. In 2010, MTC launched its Transit Sustainability Project (TSP), a two year, comprehensive effort to address long term sustainability of the region's transit system. The TSP goals are to improve the transit operators' financial condition, improve service to the customers and attract new riders to the transit system. In May 2012, MTC approved the TSP recommendations, including performance measures and targets, an initiative program that includes investment and incentive





strategies for improving transit service, and additional customer-focused service, institutional, and paratransit recommendations. The seven largest operators in the region will be required to meet TSP performance goals related to cost control by FY 2018, and maintain performance standards on an annual basis.

## **Projections – Transit Operating and Capital**

As part of the San Francisco Bay Area’s long range transportation plan—Plan Bay Area 2040—development effort, MTC estimated the total cost to operate and maintain existing transit services over the 24-year plan period (FY 2016-17 through FY 2039-40). While Plan Bay Area 2040 is still in development and is not expected to be adopted until 2017, much of the work associated with projecting the costs and available revenues for transit operations and capital maintenance has been completed and vetted through stakeholders and appropriate Committees. The costs and revenues provided in this Financial Capacity Assessment are the most up to date and appropriate for use.

Over the next 24 years, operating and capital replacement costs for Bay Area transit providers are projected to total \$169 billion. This includes \$122 billion in operating costs plus \$47 billion for capital replacement. With existing dedicated revenues plus discretionary revenues that will likely be directed towards transit by Plan Bay Area 2040, MTC estimates that the region will be able to fully address the operating needs for transit at current service levels as well as fund 100 percent of vehicle replacements and most other essential transit capital rehabilitation and maintenance needs over the Plan period.

The projections developed for Plan Bay Area 2040 are appropriate for a long-range planning effort; however, they rely on fixed assumptions about economic factors and funding streams and do not take into account recent variations in revenue, and strategies undertaken to balance budgets in the short term. For the years covered by the 2017 TIP, MTC updated revenue projections to account for recent growth to ensure that estimates of costs and revenues reflected existing short-range budgets and strategies for ensuring the transit operators’ ability to operate and maintain their systems over the period covered by the TIP.

To demonstrate the financial capacity of the Bay Area transit operators to provide on-going service at existing levels, MTC has provided annual information on operating costs and estimated revenues for each of the region’s seven largest operators, and consolidated information for the region’s small operators, who combined, make up approximately seven percent of total operating costs in the region.

Based on the Plan Bay Area projections, the table below shows the consolidated rehabilitation and maintenance needs of the region’s transit operators in the table below for key project categories (vehicle replacement and fixed guideway rehabilitation/replacement).

**Table 2. S.F. Bay Area Transit Capital Core Rehab/Replacement Needs  
(1,000 YOES)**

Category	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	4-Year Total
Vehicles	\$ 637,152	\$ 1,121,555	\$ 968,943	\$ 789,500	\$ 3,517,150
Guideway Elements	\$ 405,184	\$ 107,988	\$ 98,570	\$ 62,850	\$ 674,591
<b>Total</b>	<b>\$ 1,042,336</b>	<b>\$ 1,229,543</b>	<b>\$ 1,067,513</b>	<b>\$ 852,350</b>	<b>\$ 4,191,741</b>

MTC estimates that approximately \$4.2 billion in transit capital maintenance needs exist within the 2017 TIP period. This figure includes the replacement and modernization of train control systems for several of the Bay Area’s rail operators. A projection of capital revenue summarized in the Table 3 below, shows that there is approximately \$4.1 billion available over the same time period. This summary does not include un-programmed regional discretionary funds that will be committed through Plan Bay Area 2040 to capital rehabilitation and or expansion projects, federal grant (non-formula), or funds from local revenue measures slated for the 2016 ballot. Of the total available, nearly half comes from non-Federal sources. The amounts included in the “Other” category consist primarily of surplus operating funding made available for capital purposes. It should be noted that a significant portion of the capital investment need identified in the previous 2015 TIP has been satisfied by a large regional investment in the Bay Area Rapid Transit (BART) car replacements; for which the region has been setting aside funds for the past several years in order to prepare for this major investment.

Also provided within the individual operator assessments is a summary of each of the seven large operators’ individual capital maintenance needs for core assets, and a consolidated summary of the capital maintenance needs for the region’s smaller operators.

<b>Table 3. TIP Financial Capacity Assessment Transit Capital Maintenance Revenues (1,000s YOES)</b>					
Fund Source	2017	2018	2019	2020	4-Year Total
<b>Federal (FTA)</b>	\$ 526,365	\$ 504,920	\$ 582,006	\$ 752,292	\$2,365,582
<b>Bridge Toll</b>	\$ 45,054	\$ 191,869	\$ 30,222	\$ 32,843	\$ 299,989
<b>Local Sources</b>	\$ 117,518	\$ 145,485	\$ 140,706	\$ 143,331	\$ 547,041
<b>Other</b>	\$ 81,133	\$ 233,061	\$ 295,723	\$ 304,806	\$ 914,723
<b>Total Revenue</b>	<b>\$ 770,071</b>	<b>\$ 1,075,335</b>	<b>\$ 1,048,657</b>	<b>\$ 1,233,272</b>	<b>\$4,127,335</b>

## Conclusion

Attachment A lists the major transit capital projects included in the 2017 TIP. There are approximately \$1.7 billion in planned transit capital projects over the four year period. Of the total, about 36 percent of the funding is assumed to come from Federal sources. Many operators have already assumed local match requirements within their projected operating expenses. It should be noted that funding to support several of the large-cost projects shown in Attachment A—such as Caltrain Electrification and BART to San Jose—is expected to become available from sources such as the California High Speed Rail Authority and future Federal Transit Administration New Starts/Core Capacity grants, in addition to pending local tax measures. These sources are not reflected in the 2017 TIP.

Based on the information summarized above and detailed in the following assessments, the San Francisco Bay Area transit agencies have the financial capacity to operate transit service and meet capital match requirements over the period covered by the 2017 TIP.

**Regional Summary**  
**Attachment A**  
**2017 TIP Transit Capital Projects**

*(Note that most FTA formula funds have not yet been programmed for FY 2017 – FY 2020)*

<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>Total TIP Cost</b>
AC Transit	AC Transit: East Bay Bus Rapid Transit	\$181,251,242	\$2,000,000
BART	BART Metro Priority Track Elements	\$8,500,057	\$5,041,000
	BART: Railcar Procurement Program	\$2,028,072,421	\$508,371,000
	BART/MUNI Direct Connection Platform	\$3,000,000	\$3,000,000
	Concord Yard Wheel Truing Facility	\$14,000,000	\$13,071,640
	Daly City BART Station Intermodal Improvements	\$1,100,000	\$550,000
	Downtown Berkeley BART Plaza/Transit Area Improvements	\$12,963,039	\$8,016,000
	eBART Railroad Avenue Station	\$13,400,000	\$11,900,000
	Walnut Creek BART TOD Access Improvements	\$9,150,000	\$9,150,000
Caltrain	Caltrain Electrification	\$1,612,000,000	\$448,347,108
	Caltrain South Terminal Phase II and III	\$15,500,000	\$14,000,000
GGBHTD	ACIS Radio Communications System	\$21,600,048	\$935,885
	GGBHTD Ferry Major Components Rehab	\$3,375,000	\$3,375,000
	Larkspur Ferry Terminal Parking Garage	\$4,000,000	\$500,000
	MS Sonoma Ferry Boat Refurbishment	\$20,665,042	\$12,333,739
SFMTA	19th Ave. & Parkmerced M-Line Realignment	\$80,940,000	\$2,000,000
	Additional Light Rail Vehicles to Expand Muni Rail	\$136,470,000	\$2,000,000
	Geneva Harney BRT Infrastructure: Eastern Segment	\$98,115,000	\$3,000,000
	Geneva Harney BRT Infrastructure: Central Segment	\$43,000,000	\$8,785,000
	Historic Streetcar Extension to Fort Mason	\$68,530,000	\$342,912
	Light Rail Vehicle Overhaul Program	\$67,531,300	\$6,037,401
	SF Muni Third St LRT Phase 2 - New Central Subway	\$1,578,000,000	\$185,669,294
	SFMTA - Replacement of 40' Motor Coaches	\$87,340,719	\$29,788,693
	SFMTA Replacement of 60' Motor Coaches	\$122,017,424	\$29,788,693
	SFMTA: Muni Forward Capital Implementation Program	\$172,360,000	\$5,754,000
	Transit Center in Hunters Point	\$22,000,000	\$2,000,000
	Van Ness Avenue Bus Rapid Transit	\$195,000,000	\$39,790,213
VTA	BART - Berryessa to San Jose Extension	\$3,962,300,000	\$18,672,000
	BART - Warm Springs to Berryessa Extension	\$2,521,899,512	\$373,776,177
	LRT Extension to Vasona Junction	\$176,000,000	\$1,000,000
	Montague Expy Ped Bridge at Milpitas BART	\$12,747,143	\$3,127,251
	VTA: Stevens Creek Bus Rapid Transit	\$161,506,653	\$7,200,000
<b>Total</b>		<b>\$13,454,334,600</b>	<b>\$1,759,323,006</b>

*Note: Includes rehabilitation/maintenance and expansion projects*



## **Alameda Contra Costa Transit District (AC Transit)**

### **Operator Background & Budget**

The Alameda-Contra Costa Transit District, the third-largest public bus system in California, operates a fleet of 639 vehicles on 122 local and 34 transbay routes that serve 13 East Bay cities and adjacent unincorporated areas in Alameda and Contra Costa counties. The routes connect with nine other public and private bus systems, 21 Bay Area Rapid Transit stations, six Amtrak stations, three ferry terminals, and Oakland International Airport.

East Bay Paratransit Consortium provides ADA paratransit service in the East Bay. The consortium has entered into a contract with a broker to provide the necessary paratransit services. Operating costs are split between AC Transit and BART.

AC Transit's multi-year budget projections show that operating costs generally increase at the level of inflation. Negotiated labor agreements and compensation changes implemented for non-union and contracted employees several years ago have helped to control operating costs.

In 2016, AC Transit completed a Comprehensive Operations Analysis (COA) intended to maximize the efficiency and effectiveness of their transit system. The COA included a review of all transit services within a given area, assessment of route performance and current and future demand, and recommendations on how to better link trips.

AC Transit's budget projections also show that revenues are keeping pace with expenses. Farebox revenue and sales tax-based receipts show continued growth since their recovery in 2011 and are projected to grow at a modest but steady rate. Ridership numbers have reached the levels that existed prior to cuts in service in March 2010.

In 2014, Alameda County voters passed Measure BB, which renewed and augmented the existing county-wide sales tax. The measure is expected to provide over \$1 billion in revenue for transit operations over the duration of the measure. While most of the revenue is intended for service expansion, 15% of the total annual revenue for mass transit purposes is intended to assist with balancing the budget for existing operations.

### **Assessment**

#### *Operating*

AC Transit anticipates a cumulative balanced budget over the period of the 2017 TIP. A summary of the operating financial capacity assessment is provided in the table below. The local matching

funds from non-federal or state sources that are required for projects listed in the 2017 TIP have been accounted for within AC Transit's operating costs.

**TIP Financial Capacity Assessment –Transit Operations & Maintenance**

**AC Transit**

**(1,000s, YOES)**

<b>CATEGORIES</b>	<b>Year 1 FY 16-17</b>	<b>Year 2 FY 17-18</b>	<b>Year 3 FY 18-19</b>	<b>Year 4 FY 19-20</b>	<b>4-YEAR TOTAL</b>
<b>Costs</b>					
Existing System	366,557	377,486	386,454	397,524	1,528,022
Planned Committed Projects	24,294	25,059	28,136	29,473	106,962
<b>Total Operational Needs</b>	<b>\$390,851</b>	<b>\$402,545</b>	<b>\$414,590</b>	<b>\$426,997</b>	<b>\$1,634,984</b>
<b>Revenue</b>					
Fares	59,139	61,209	63,351	65,568	249,267
Non-Fare Revenue	132,856	136,773	140,815	144,985	555,429
County Sales Tax	64,070	66,312	68,633	71,035	270,050
Bridge Tolls	12,541	12,862	13,191	13,529	52,124
TDA	59,855	61,328	62,837	64,383	248,403
AB 1107	39,773	40,791	41,836	42,907	165,307
STA	28,648	31,022	33,429	35,869	128,968
Cap and Trade (LCTOP)	3,157	3,157	3,157	3,157	12,627
Federal Transit Grants	4,092	4,187	11,262	4,357	23,898
<b>Total Revenue</b>	<b>\$404,130</b>	<b>\$417,640</b>	<b>\$438,510</b>	<b>\$445,790</b>	<b>\$1,706,070</b>
Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$13,279	\$15,095	\$23,920	\$18,793	\$71,087

*Capital*

AC Transit's projected core capital maintenance needs for the period covered by the TIP is provided in the table below. It is projected that there is sufficient funding available through the Federal program, in combination with local and state sources, to maintain the system in the existing state of repair over the TIP period.

**TIP Financial Capacity Assessment -- Transit Capital Needs**

**AC Transit**

**(1,000s, YOES)**

<b>Operator</b>	<b>Category</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>
AC Transit	Vehicles	\$ 71,947	\$ 36,477	\$ 2,861	\$ 4,542
<b>AC Transit Total</b>		<b>\$ 71,947</b>	<b>\$ 36,477</b>	<b>\$ 2,861</b>	<b>\$ 4,542</b>

## **Bay Area Rapid Transit District (BART)**

### **Operator Background & Budget**

BART operates rail service on four Transbay routes and one route in the East Bay. The system operates 681 rail cars on 108 miles of track and 45 stations. The West Dublin/Pleasanton infill station opened in February 2011, and the Oakland Airport Connector—an automated guideway system that links the Oakland Coliseum BART station with one of the region’s international airports—opened in 2014. Ridership is one of the key measures of BART’s success. Between FY2004 and FY2015, BART’s ridership has grown by approximately 30%, and passenger counts have gone from 307,000 to over 400,000 on an average weekday. BART’s latest SRTP was adopted in September 2014.

BART estimates that operating costs will grow at an average rate of about 3% per year over the TIP period. Fare revenue is expected to grow at an average rate of approximately 3% over the TIP period due to a combination of growth in passengers and planned biennial fare increases to keep pace with inflation.

BART has implemented a number of strategies to meet the goals of its 2003 Financial Stability Policy, including implementing small regular fare increases tied to CPI and surcharges tied to capital needs, increasing revenue from other sources such as parking and advertising, and maintaining a reserve of at least 5% of total annual operating expenses. BART also shifts a significant portion of its annual operating revenue to its capital budget, in anticipation of upcoming large maintenance and replacement needs.

### **Assessment**

#### *Operating*

BART projects sufficient revenues to cover operating expenses over each year of the 2017 TIP period. According to BART’s operating budget projections and their most recent Short Range Transit Plan, approximately \$500 million in revenues is projected to be made available for capital replacement and debt service. A summary of the operating financial capacity assessment is provided in the table on the next page.



**TIP Fiscal Capacity Analysis –Transit Operations & Maintenance  
BART  
(1,000s, YOES\$)**

CATEGORIES	Year 1 FY 16-17	Year 2 FY 17-18	Year 3 FY 18-19	Year 4 FY 19-20	4-YEAR TOTAL
<b>Costs</b>					
Existing System	890,495	910,977	950,867	981,238	3,733,577
Planned Committed Projects	0	13,817	14,434	14,718	42,969
<b>Total Operational Needs</b>	<b>\$890,495</b>	<b>\$924,794</b>	<b>\$965,301</b>	<b>\$995,956</b>	<b>\$3,776,546</b>

<b>Revenue</b>					
Fares	505,119	525,821	547,032	569,984	2,147,956
Non-Fare Revenue	100,015	103,157	104,746	108,461	416,379
County Sales Tax	0	0	0	0	0
Bridge Tolls	0	0	0	0	0
TDA	0	0	0	0	0
AB 1107	251,964	259,523	267,309	275,328	1,054,124
STA	24,207	27,058	29,944	32,868	114,077
Cap and Trade (LCTOP)	7,252	7,252	7,252	7,252	29,008
Federal Transit Grants	1,938	1,983	9,018	2,063	15,002
<b>Total Revenue</b>	<b>\$890,495</b>	<b>\$924,794</b>	<b>\$965,301</b>	<b>\$995,956</b>	<b>\$3,776,546</b>

Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$0	\$0	\$0	\$0	\$0
---	-----	-----	-----	-----	-----

*Capital*

BART’s capital program in the 2017 TIP consists primarily of contribution towards the rail-car replacement program and the eBART, and Warm Spring extension projects. BART’s projected core capital maintenance needs for the period covered by the TIP are provided in the table below. It is projected that there is sufficient funding available through the Federal program, in combination with local and state sources, to maintain the system in its current state of repair.

**TIP Financial Capacity Assessment -- Transit Capital Needs**

**BART**

**(1,000s, YOES)**

<b>Operator</b>	<b>Category</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>
BART	Guideway Elements	\$ 234,693	\$ 43,241	\$ 35,942	\$ 2,918
	Vehicles	\$ 171,083	\$ 482,918	\$ 429,630	\$ 458,896
<b>BART Total</b>		<b>\$ 405,775</b>	<b>\$ 526,159</b>	<b>\$ 465,573</b>	<b>\$ 461,814</b>

## **Peninsula Corridor Joint Powers Board (Caltrain)**

### **Operator Background & Budget**

The Peninsula Corridor Joint Powers Board (JPB) — consisting of representatives from San Francisco, San Mateo, and Santa Clara counties — operates Caltrain, which provides commuter rail service between San Francisco and San Jose with additional service to Gilroy in southern Santa Clara County. Under contract with TransitAmerica Services Inc., the system currently operates 123 heavy rail vehicles and 29 locomotives. Caltrain also provides 28 feeder shuttles to transport passengers to and from its stations.

Ridership on Caltrain is at a historic level and fare revenues account for over 50% of Caltrain's operating revenue. Existing revenues are sufficient to meet projected operating expenses over the four year period of the TIP, however, some balancing of costs and revenues will be required to avoid single-year deficits. Caltrain does not have a dedicated source of operating revenue similar to most operators that receive sales-tax based revenue and subsidies. The agency relies on JPB member contributions to fund a significant portion of their operating costs.

A possible long term revenue solution for Caltrain is a future sales tax measure in Santa Clara County that would provide a new source of funding. An initiative is expected to be on the ballot in November, 2016.

In addition to finding new revenue solutions, a key strategy for improving Caltrain's efficiency and gaining additional passengers is to modernize the system. Electrification of the system between San Francisco and San Jose will improve Caltrain's limited capacity to run additional trains and carry more passengers, thereby improving fare revenue. On March 28, 2012, MTC approved an agreement and established a funding framework among MTC, the California High Speed Rail Authority, the JPB, the SFCTA, the SMCTA, VTA, the City of San Jose, the City and County of San Francisco, and the TJPA, for a High Speed Rail Early Investment Strategy that includes electrification. The funding framework for the electrification project is reliant on future Federal funding grants from the New Starts / Core Capacity program as well as funding from the California High Speed Rail Authority. These funding sources are not yet reflected in the 2017 TIP.

## Assessment

### Operating

A summary of the operating financial capacity assessment is provided in the table below. Operational needs are growing at an average rate of 2.8% over the years contained in the TIP. Projected revenues are expected to increase by approximately 1.7% annually over the same time period. Based on these figures, Caltrain anticipates a cumulative operating surplus of \$1 million over the period of the TIP.

### TIP Fiscal Capacity Analysis –Transit Operations Caltrain/Peninsula Corridor JPB (1,000s, YOES)

CATEGORIES	Year 1 FY 16-17	Year 2 FY 17-18	Year 3 FY 18-19	Year 4 FY 19-20	4-YEAR TOTAL
<b>Costs</b>					
Existing System	146,910	152,894	158,237	163,777	621,819
Planned Committed Projects	0	0	0	0	0
<b>Total Operational Needs</b>	<b>\$146,910</b>	<b>\$152,894</b>	<b>\$158,237</b>	<b>\$163,777</b>	<b>\$621,819</b>
<b>Revenue</b>					
Fares	92,458	95,269	111,917	115,463	415,107
Non-Fare Revenue	45,209	46,418	47,803	34,532	173,961
County Sales Tax	0	0	0	0	0
Bridge Tolls	0	0	0	0	0
TDA	0	0	0	0	0
AB 1107	0	0	0	0	0
STA	6,036	6,573	6,088	4,287	22,985
Cap and Trade (LCTOP)	1,784	1,784	1,784	1,784	7,135
Federal Transit Grants	899	916	933	952	3,700
Prior Year Savings/Reserves	526				
<b>Total Revenue</b>	<b>\$146,911</b>	<b>\$150,960</b>	<b>\$168,524</b>	<b>\$157,019</b>	<b>\$622,888</b>
Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$0	(\$1,934)	\$10,287	(\$6,758)	\$1,069

*Capital*

Caltrain’s projected core capital maintenance needs for the period covered by the TIP is provided in the table below. It is projected that there is sufficient funding available through the Federal program, in combination with local and state sources, to maintain the system in its current state of repair.

**TIP Financial Capacity Assessment -- Transit Capital Needs  
Caltrain/Peninsula Corridor JPB  
(1,000s, YOES)**

<b>Operator</b>	<b>Category</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>
Caltrain	Guideway Elements	\$ 117,341	\$ 19,887	\$ 19,768	\$ 17,073
	Vehicles	\$ 84,467	\$ 53,755	\$ 47,632	\$ 208,652
<b>Caltrain Total</b>		<b>\$ 201,809</b>	<b>\$ 73,642</b>	<b>\$ 67,400</b>	<b>\$ 225,725</b>

## **Golden Gate Bridge Highway and Transit District (GGBHTD)**

### **Operator Background & Budget**

The Golden Gate Bridge, Highway and Transportation District (GGBHTD) is a special district of the State of California that operates and maintains the Golden Gate Bridge and provides transit service between and within Marin, Sonoma and San Francisco Counties. GGBHTD operates two primary transit services: Golden Gate Transit and Golden Gate Ferry. Currently, their fleet of transit vehicles consists of seven ferry boats and 176 buses. Golden Gate Transit bus services include regional and local routes; regional routes are controlled and operated by GGBHTD, and local routes are operated by GGBHTD under contract with Marin Transit. GGBHTD sets fare policy and service levels for regional service, and Marin Transit sets fare policy and determines service levels for all service that begins and ends within Marin County.

Golden Gate Transit has sufficient revenues to meet operating needs within the four years included in the 2017 TIP. Operating costs are projected to grow at approximately 2% annually, and fares are projected to increase by 4% annually over the same time period. Golden Gate Transit continues to receive toll-revenue subsidies in order to meet operating expenses. Historically, approximately 40% of the annual cost of operating Golden Gate Transit was subsidized by tolls collected on the Golden Gate Bridge.

GGBHTD has developed three strategic plans aimed at ensuring the near- and long-term sustainability of each operating division. The Strategic Vision for Golden Gate Transit Regional Bus Service was developed in late 2013 and includes a plan for more effectively using available resources, expanding service where warranted, restructuring or eliminating inefficient service, and retaining and attracting new riders in both existing and emerging travel markets.

### **Assessment**

#### *Operating*

A summary of the operating financial capacity assessment for Golden Gate is provided in the table below. Golden Gate anticipates balanced budget for each year included in the 2017 TIP.

**TIP Fiscal Capacity Analysis –Transit Operations****GGBHTD****(1,000s, YOES)**

CATEGORIES	Year 1 FY 16-17	Year 2 FY 17-18	Year 3 FY 18-19	Year 4 FY 19-20	4-YEAR TOTAL
<b>Costs</b>					
Existing System	115,087	118,050	121,092	124,216	478,444
Planned Committed Projects	4,735	4,839	4,946	5,054	19,574
<b>Total Operational Needs</b>	<b>\$119,822</b>	<b>\$122,889</b>	<b>\$126,037</b>	<b>\$129,270</b>	<b>\$498,018</b>

**Revenue**

Fares	38,534	40,460	42,483	44,608	166,085
Non-Fare Revenue	14,909	15,288	15,678	16,077	61,952
County Sales Tax	0	0	0	0	0
Bridge Tolls	38,155	37,667	37,135	36,546	149,502
TDA	18,642	19,130	19,633	20,150	77,555
AB 1107	0	0	0	0	0
STA	7,239	7,974	8,718	9,472	33,403
Cap and Trade (LCTOP)	1,183	1,183	1,183	1,183	4,733
Federal Transit Grants	1,159	1,186	1,208	1,234	4,788
<b>Total Revenue</b>	<b>\$119,822</b>	<b>\$122,889</b>	<b>\$126,037</b>	<b>\$129,270</b>	<b>\$498,018</b>

Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$0	\$0	\$0	\$0	\$0
---	-----	-----	-----	-----	-----

*Capital*

Beyond vehicle replacement, Bus Division capital projects include rehabilitation, refurbishment, and replacement of facilities, equipment, and technologies. The Ferry Division has programmed capital projects including refurbishment of vessels, planned replacement of propulsion systems, berth and channel dredging, security system upgrades and enhancements, and the continuation of the Gangways and Piers project. The Gangways and Piers project includes the replacement of floats and ramps and is intended to rehabilitate the ferry terminals to ensure customer (and maintenance) accessibility. Golden Gate's projected core capital maintenance needs for the period covered by the TIP is provided in the table below. It is projected that there is sufficient

2017 TIP Financial Capacity Assessment (cont.)

funding available through the Federal program, in combination with local and state sources, to maintain the system in its current state of repair.

**TIP Financial Capacity Assessment -- Transit Capital Needs**

**GGBHTD**

**(1,000s, YOES)**

<b>Operator</b>	<b>Category</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>
GGBHTD	Guideway Elements	\$ 8,185	\$ 304	\$ 304	\$ 304
	Vehicles	\$ 21,073	\$ 50,565	\$ 1,702	\$ 2,272
<b>GGBHTD Total</b>		<b>\$ 21,073</b>	<b>\$ 50,565</b>	<b>\$ 1,702</b>	<b>\$ 2,272</b>



## San Francisco Municipal Transit Agency (SFMTA)

### Operator Background & Budget

San Francisco Municipal Transportation Agency (SFMTA) operates 77 transit lines over an approximately 47-square-mile service area. The SFMTA currently runs transit service 24 hours a day, seven days a week, providing over 700,000 transit trips each weekday on its fleet of cable cars, streetcars, motor coaches, trolley coaches, and light rail vehicles, and carried an estimated 234 million passengers in FY 2015. SFMTA carries approximately 44% of the total passenger transit trips within the region.

SFMTA's Muni Forward operations plan has as its objectives to improve customer service, communications, and transit performance on its fixed route service. In January 2015, SFMTA's Board of Directors approved a three percent increase in transit service in FY 2015 and a seven percent increase in FY 2016. An additional two percent service increase is proposed for FY 2017 or FY 2018. This significant increase in service results in an operations budget that is expected to top \$1 billion annually, over the 2017 TIP period.

To support operations the City of San Francisco contributes close to \$500 million of general fund, parking, and development fee revenues. Farebox revenues provide for approximately 20% of SFMTA's annual operating budget. San Francisco is also contemplating an initiative for the November 2016 ballot that could raise over \$7 billion over the course of the measure. A significant portion of the revenue generated from the measure would be used for transit operating and capital needs.

### Assessment

#### *Operating*

SFMTA projects sufficient revenues to cover operating expenses over each year of the 2017 TIP period. Approximately \$82 million in revenue is projected to be made available for capital expenditures. A summary of the operating financial capacity assessment is provided in the table below.

**TIP Fiscal Capacity Analysis – Transit Operations & Maintenance**  
**San Francisco MTA**  
*(1,000s, YOES)*

CATEGORIES	Year 1 FY 16-17	Year 2 FY 17-18	Year 3 FY 18-19	Year 4 FY 19-20	4-YEAR TOTAL
<b>Costs</b>					
Existing System	1,006,430	1,009,537	1,033,204	1,057,445	4,106,616
Planned Committed Projects	0	0	0	0	0
<b>Total Operational Needs</b>	<b>\$1,006,430</b>	<b>\$1,009,537</b>	<b>\$1,033,204</b>	<b>\$1,057,445</b>	<b>\$4,106,616</b>

<b>Revenue</b>					
Fares	206,696	212,380	218,221	224,222	861,519
Non-Fare Revenue	640,613	653,297	668,395	683,854	2,646,159
County Sales Tax	8,440	8,603	8,769	8,938	34,749
Bridge Tolls	2,688	2,688	2,688	2,688	10,750
TDA	50,250	52,355	54,549	56,835	213,989
AB 1107	39,773	40,791	41,836	42,907	165,307
STA	40,875	45,022	49,223	53,480	188,599
Cap and Trade (LCTOP)	13,213	13,213	13,213	13,213	52,854
Federal Transit Grants	3,883	3,972	4,044	4,134	16,034
<b>Total Revenue</b>	<b>\$1,006,430</b>	<b>\$1,032,322</b>	<b>\$1,060,938</b>	<b>\$1,090,270</b>	<b>\$4,189,960</b>

Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$0	\$22,785	\$27,734	\$32,825	\$83,344
---	-----	----------	----------	----------	----------



*Capital*

SFMTA's capital program in the 2017 TIP is focused on strategic expansions of its light rail service and bus rapid transit routes as well as capital asset rehabilitation and replacement project. SFMTA's projected core capital maintenance needs for the period covered by the TIP is provided in the table below. It is projected that there is sufficient funding available through the Federal program, in combination with local and state sources, to maintain the system in its current state of repair.

**TIP Financial Capacity Assessment -- Transit Capital Needs**

**San Francisco MTA**

**(1,000s, YOES)**

<b>Operator</b>	<b>Category</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>
SFMTA	Guideway Elements	\$ 34,026	\$ 34,026	\$ 34,026	\$ 34,026
	Vehicles	\$ 133,266	\$ 152,036	\$ 387,107	\$ 32,935
<b>SFMTA Total</b>		<b>\$ 167,292</b>	<b>\$ 186,062</b>	<b>\$ 421,133</b>	<b>\$ 66,961</b>

## San Mateo County Transit District (SamTrans)

### Operator Background & Budget

SamTrans operates fixed-route bus service and contracts with MV Transit for operation of some routes. SamTrans has a total fleet of 305 buses, providing more than 13.5 million annual trips in San Mateo County in FY2015. SamTrans also owns a fleet of 90 demand-response vehicles that provide SamTrans' ADA-compliant paratransit service.

SamTrans is one of the three members of the JPB and additionally is the managing agency for Caltrain. The other two member agencies are the City and County of San Francisco and the Santa Clara Valley Transportation Authority. SamTrans is also responsible for the operation of Caltrain and the three agencies together are responsible for funding its operations.

Since 2003, SamTrans has committed to fund a portion of the capital and operating costs associated with the extension of BART service into San Mateo County.

As seen in the table below, SamTrans' budget is balanced in the four years covered by the TIP; however, the agency has acknowledged a structural deficit that could impact service in the future should revenue sources dip as a result of an economy, or should costs grow in excess of the 2% assumed in their financial forecast. Samtrans' 2015-19 Strategic Plan – provides a blueprint for the District that shapes the agency's direction for the next five years. The Strategic Plan includes initiatives to implement cost saving and service improvements.. Stated goals of the Plan include the investment of resources where they will have the maximum benefit to customers and to increase efficiency and effectiveness of SamTrans service.

### Assessment

#### *Operating*

SamTrans projects a balanced budget over each year of the 2017 TIP period. A summary of the operating financial capacity assessment is provided in the table below. The local matching funds from non-federal or state sources that are required for projects listed in the 2017 TIP have been accounted for within SamTrans' operating costs.

**TIP Fiscal Capacity Analysis –Transit Operations**

**SamTrans**

(1,000s, YOES\$)

CATEGORIES	Year 1 FY 16-17	Year 2 FY 17-18	Year 3 FY 18-19	Year 4 FY 19-20	4-YEAR TOTAL
<b>Costs</b>					
Existing System	156,294	161,195	166,278	169,301	653,068
Planned Committed Projects	0	0	0	0	0
<b>Total Operational Needs</b>	<b>\$156,294</b>	<b>\$161,195</b>	<b>\$166,278</b>	<b>\$169,301</b>	<b>\$653,068</b>

**Revenue**

Fares	20,988	21,596	23,445	24,914	90,943
Non-Fare Revenue	7,526	7,601	7,677	7,754	30,558
County Sales Tax	83,000	85,075	87,202	89,382	344,659
Bridge Tolls	306	306	306	306	1,224
TDA	39,411	40,526	41,673	42,852	164,462
AB 1107	0	0	0	0	0
STA	4,066	4,560	5,060	5,567	19,253
Cap & Trade (LCTOP)	1,300	1,300	1,300	1,300	5,200
Federal Transit Grants	1,032	1,056	1,075	1,099	4,263
<b>Total Revenue</b>	<b>\$157,629</b>	<b>\$162,020</b>	<b>\$167,738</b>	<b>\$173,174</b>	<b>\$660,561</b>

Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$1,334	\$825	\$1,461	\$3,873	\$7,493
---	---------	-------	---------	---------	---------

*Capital*

Funding for SamTrans’ bus and ADA-related capital replacement projects is from federal sources included in the TIP. The balance of SamTrans’ capital program (for matching funds and for locally funded projects) is available from county sales-tax generations and reserves. SamTrans’ projected core capital maintenance needs for the period covered by the TIP is provided in the table below. It is projected that there is sufficient funding available through the Federal program, in combination with local and state sources, to maintain the system in its current state of repair.

**TIP Financial Capacity Assessment -- Transit Capital Needs**  
**SamTrans**  
**(1,000s, YOES)**

<b>Operator</b>	<b>Category</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>
Sam Trans	Vehicles	\$ 43,445	\$ 10,069	\$ 8,676	\$ 8,676
<b>Sam Trans Total</b>		<b>\$ 43,445</b>	<b>\$ 10,069</b>	<b>\$ 8,676</b>	<b>\$ 8,676</b>

## **Santa Clara Valley Transportation Authority (VTA)**

### **Operator Background & Budget**

VTA operates 495 motor bus coaches and 99 light rail vehicles on 80 routes throughout an urbanized area of 326 square miles. 18 core bus routes, including two Bus Rapid Transit routes, form the backbone of the system. 19 local bus routes and 18 Community Bus feed into the rest of the transit system; VTA's shuttle routes connect light rail and Caltrain stations with industrial areas and San José State University. 18 Express bus routes offer weekday commuter service. VTA operates three light-rail transit lines that total 42 miles in length, serving 62 stations. Together, these services served about 44 million passengers in FY2015.

Although VTA bus and light-rail services are accessible to individuals with disabilities, a separate ADA paratransit service provides over 720,000 trips each year for people in the county who cannot use conventional transit.

VTA is a member of the Peninsula Corridor Joint Powers Board. VTA also contracts with the Altamont Commuter Express (ACE) for service. Each provides commuter rail service to Santa Clara County from adjacent counties, and shuttle vans from their stations to destinations within Santa Clara County. VTA belongs to the Highway 17 Express and Dumbarton Express consortium that provide express bus service into Santa Clara County from other adjacent counties.

In 2000, Santa Clara County voters approved Measure A, a thirty-year sales tax to fund transit operations and capital expansion. In 2008 Santa Clara County voters also approved an additional 1/8th cent sales tax to support operation of the BART extension. Another ½ cent county-wide measure is planned for the 2016 ballot. If successful, the initiative could raise over \$11 billion over the course of the measure. A significant portion of the revenue would be devoted to VTA's transit operations and capital needs.

VTA has sufficient revenues to meet operating needs within the four years included in the 2015 TIP. Operating costs are projected to grow at an average of about three percent per year over the four year period. Fare revenues are also projected to grow at about seven percent per year on average.

### **Assessment**

#### *Operating*

VTA projects sufficient revenues to cover operating expenses over each year of the 2017 TIP period. Approximately \$141 million in revenues is projected to be made available for capital

expenditures. A summary of the operating financial capacity assessment is provided in the table below.

**TIP Fiscal Capacity Analysis –Transit Operations & Maintenance  
Santa Clara VTA  
(1,000s, YOES\$)**

CATEGORIES	Year 1 FY 16-17	Year 2 FY 17-18	Year 3 FY 18-19	Year 4 FY 19-20	4-YEAR TOTAL
<b>Costs</b>					
Existing System	423,647	440,027	458,295	479,012	1,800,980
Planned Committed Projects	0	0	0	0	0
<b>Total Operational Needs</b>	<b>\$423,647</b>	<b>\$440,027</b>	<b>\$458,295</b>	<b>\$479,012</b>	<b>\$1,800,980</b>
<b>Revenue</b>					
Fares	41,599	50,344	52,139	56,476	200,558
Non-Fare Revenue	19,352	10,428	10,241	10,241	50,262
County Sales Tax	272,103	283,063	291,527	299,711	1,146,404
Bridge Tolls	0	0	0	0	0
TDA	105,846	109,519	113,320	117,252	445,937
AB 1107	0	0	0	0	0
STA	14,854	16,361	17,887	19,434	68,536
Transfers	0	0	0	0	0
Cap and Trade (LCTOP)	3,983	3,983	3,983	3,983	15,931
Federal Transit Grants	3,448	3,528	3,592	3,671	14,239
<b>Total Revenue</b>	<b>\$461,185</b>	<b>\$477,226</b>	<b>\$492,688</b>	<b>\$510,769</b>	<b>\$1,941,868</b>
Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$37,539	\$37,199	\$34,393	\$31,757	\$140,887

*Capital*

VTA’s projected core capital maintenance needs for the period covered by the TIP is provided in the table below. It is projected that there is sufficient funding available through the Federal program, in combination with local and state sources, to maintain the system in the existing state of repair over the TIP period.



**TIP Financial Capacity Assessment -- Transit Capital Needs**  
**Santa Clara VTA**  
**(1,000s, YOES)**

<b>Operator</b>	<b>Category</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>
VTA	Guideway Elements	\$ 8,529	\$ 8,529	\$ 8,529	\$ 8,529
	Vehicles	\$ 35,618	\$ 198,893	\$ 48,360	\$ 35,618
<b>VTA Total</b>		<b>\$ 44,147</b>	<b>\$ 207,422</b>	<b>\$ 56,889</b>	<b>\$ 44,147</b>

## San Francisco Bay Area Small Operators

Collectively, the San Francisco Bay Area's 17 smaller transit operators account for only eight percent of the total transit operating costs in the region and only about four percent of fixed route transit passengers in the region.

### Assessment

#### Operating

The financial capacity assessment for the seventeen San Francisco Bay Area small operators, combined, is shown in the table below. In total, the small operators have sufficient funds to operate at existing service levels over the period of the 2017 TIP.

#### 2015 TIP Fiscal Capacity Analysis – Transit Operations & Maintenance San Francisco Bay Area Small Operators (1,000s, YOES\$)

CATEGORIES	Year 1 FY 16-17	Year 2 FY 17-18	Year 3 FY 18-19	Year 4 FY 19-20	4-YEAR TOTAL
<b>Costs</b>					
Existing System	253,298	260,407	265,936	271,620	1,051,262
Planned Committed Projects	22,878	30,750	34,147	35,461	123,237
<b>Total Operational Needs</b>	<b>\$276,177</b>	<b>\$291,157</b>	<b>\$300,083</b>	<b>\$307,081</b>	<b>\$1,174,499</b>
<b>Revenue</b>					
Fares	54,464	57,000	59,607	61,210	232,282
Non-Fare Revenue	31,928	33,806	35,381	35,998	137,113
County Sales Tax	66,966	69,246	70,173	71,804	278,190
Bridge Tolls	6,883	7,546	7,903	7,903	30,234
TDA	100,547	102,464	104,419	106,414	413,844
AB 1107	0	0	0	0	0
STA	13,519	14,464	16,455	19,779	64,217
Transfers	7,014	7,168	7,326	7,487	28,995
Cap and Trade (LCTOP)	1,461	1,461	1,461	1,461	5,844
Federal Transit Grants	5,149	5,272	5,388	5,488	21,297
<b>Total Revenue</b>	<b>\$280,917</b>	<b>\$291,259</b>	<b>\$300,787</b>	<b>\$310,057</b>	<b>\$1,183,020</b>

2017 TIP Financial Capacity Assessment (cont.)

Balance available for Carryover, Transit Capital Investment, Additional Service, or Local Match Needs	\$4,741	\$102	\$703	\$2,976	<b>\$8,521</b>
---	---------	-------	-------	---------	----------------

*Capital*

The capital maintenance needs for the combined San Francisco Bay Area small operators is shown in the table below. It is projected that there is sufficient funding available through the Federal program, in combination with local and state sources, to maintain the system in the existing state of repair over the TIP period.

**TIP Financial Capacity Assessment -- Transit Capital Needs  
San Francisco Bay Area Small Operators  
(1,000s, YOES)**

Operator	Category	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
Small Operators	Guideway Elements*	\$ 2,409	\$ 2,000	\$ 0	\$ 0
	Vehicles	\$ 247,336	\$ 136,842	\$ 42,974	\$ 37,909
<b>Small Operators Total</b>		<b>\$ 249,745</b>	<b>\$ 138,843</b>	<b>\$ 42,975</b>	<b>\$ 270,327</b>

\*Guideway element needs are attributable to the Water Emergency Transportation Authority (WETA)

# **County Summaries**

# Alameda County

## Overview

Alameda County is the second-largest county in the nine-county Bay Area, with a population of over 1.5 million. Alameda County is at the heart of the Bay Area and transportation is a high priority for its residents. The extensive network of roads, rails, buses, trails and pathways carry roughly a million commute trips daily to, from, within and through the county, supporting economic growth in the Bay Area, California and beyond.

### Roads and highways

A significant part of the regional and local transportation system, Alameda County roadways move people and goods within the county and beyond and support multiple transportation modes.

- Currently, six of the Bay Area's top ten most-congested freeway segments are in Alameda County and average freeway delays are growing.
- The congestion in Alameda County is compounded by the large amount of vehicle, rail and freight travel through Alameda County between the origins and destinations of San Joaquin, Contra Costa, Santa Clara, San Francisco and San Mateo counties.
- Implementation of intelligent transportation systems, express lanes, metered lanes and other technology is needed to provide traffic relief.
- The majority of Alameda County's 3,988 road miles are minor arterials and local roads that provide access to housing, jobs, education and transit through multimodal improvements.

### Transit

Transit plays a critical role in Alameda County and includes rail, bus, ferry and shuttle service provided by public and private operators.

- Approximately 100 million riders are boarding transit annually in Alameda County.
- Of BART's 46 stations, 22 of them are in Alameda County and approximately 34 percent of all BART boardings originate in Alameda County.

### Goods movement

Alameda County serves as a gateway for goods movement to and from the county, Bay Area, Northern California and beyond.

- The Port of Oakland is the fifth largest port in the nation and handles 90 percent of Bay Area trade, by weight.



- Oakland International Airport and two major Class I railroads support international and domestic trade.
- The Bay Area's trucking distribution system is highly concentrated in Alameda County, which has an extensive network of interstate freeways and arterial roads.

## **Alameda County TIP Projects**

The Alameda County projects in the 2017 TIP are targeted to improve the quality and efficiency of the transportation system by addressing the county's diverse transportation needs as identified in the current Regional Transportation Plan, the Alameda Countywide Transportation Plan, Countywide Bicycle and Pedestrian Plan and recent planning efforts resulting in first-time countywide plans for Transit, Multimodal Arterial and Goods Movement.

Highway and major arterial investments are targeted throughout the county to address identified expansion, operational and safety needs. In the more densely populated northern part of the county, various improvements are identified for the I-880 and I-80 corridors, including the I-880 North Safety Improvements and the 7<sup>th</sup> Street Grade Separations projects. In eastern Alameda County, highway projects include express lane improvements in the I-680 and I-580 corridors and I-580/I-680 interchange improvements. In southern Alameda County, improvements include the Route 262 cross connector between I-680 and I-880.

To increase the use of alternative modes, funding is also directed towards various transit, bicycle and pedestrian and multi-modal improvements on arterials and local roads throughout the county. These projects include Bus Rapid Transit (BRT), and transit- and Priority Development Area (PDA)-supportive projects such as the East Bay Greenway and accessibility improvements at BART stations. Additionally, a large investment in transit rehabilitation and capital is primarily directed towards the Alameda-Contra Costa Transit District (AC Transit) and the Bay Area Rapid Transit District (BART).

The funding for the Alameda County TIP projects comes from a variety of local, regional, state, and federal sources, resulting from local, regional and statewide partnerships to develop strategic funding packages, establish legislation and prioritize transportation investments to advance project delivery. As a result, record-level investments are improving Alameda County's transportation system, including the 2014 Measure BB, which will provide \$8 billion in transportation improvements over the next 30 years.

*[Narrative summary provided by the Alameda County Transportation Commission]*

# Contra Costa County

## Overview

While the Bay Area has more than doubled in population since 1950, Contra Costa County has grown even faster, more than tripling in population between 1950 and 2010. ABAG now estimates that Contra Costa has a population of about 1,038,711 people with about 344,922 jobs. Contra Costa is forecast to add 289,410 residents between 2010 and 2040, a 28 percent increase. Job growth in Contra Costa is expected to be even more substantial, adding 122,470 new jobs, a 36 percent increase.

The Contra Costa Transportation Authority (CCTA) serves as the Congestion Management Agency (CMA) for the county. As the CMA, CCTA prepares a Congestion Management Program and updates it biennially, prepares a recommended list of projects for funding through the State Transportation Improvement Program (STIP), and works with other CMAs and regional and State agencies to address transportation and growth issues in the region and the State. CCTA also manages Measure J, the 2004 half-cent sales tax that succeeded 1988's Measure C, which first established Contra Costa's transportation improvement and growth management program. Measure J, which began on April 1, 2009, extends the sales tax for another 25 years.

## THE VISION FOR CONTRA COSTA

As part of the development of its 2016 Countywide Comprehensive Transportation Plan, or CTP, CCTA refined its vision for the future of the transportation system in Contra Costa:

Strive to preserve and enhance the quality of life of local communities by promoting a healthy environment and strong economy to benefit all people and areas of Contra Costa, through (1) a balanced, safe, and efficient transportation network, (2) cooperative planning, and (3) growth management. The transportation network should integrate all modes of transportation to meet the diverse needs of Contra Costa.

To achieve this vision, CCTA has identified five goals and 31 strategies to help carry them out:

- Support the efficient and reliable movement of people and goods using all available travel modes;
- Manage growth to sustain Contra Costa's economy, preserve its environment and support its communities;

- Expand safe, convenient and affordable alternatives to the single-occupant vehicle;
- Maintain the transportation system; and
- Continue to invest wisely to maximize the benefits of available funding.

Achieving the vision and goals will require finding the right balance among the different, and sometimes competing, needs of Contra Costa’s residents and businesses, including:

- Improving the regional system of roads, transit, trails and pathways while ensuring that the existing system is well maintained;
- Balancing the needs of through-traffic with the access needs and quality of life of adjoining neighborhoods and business areas;
- Recognizing the differing needs and situations of Contra Costa’s subareas while developing a workable approach to countywide and regional initiatives;
- Recognizing that increased highway capacity will in the future come more from operational and technological improvements and not from widening roadways; and
- Supporting and encouraging the use of transit, carpools, bicycling and walking often within limited rights-of-way.

Finding this balance will require cooperation among the jurisdictions of Contra Costa and the support of residents and the business community.

## **CONTRA COSTA TIP PROJECTS**

The projects in the proposed TIP support the goals CCTA has adopted especially the first and third goals:

- Support the efficient and reliable movement of people and goods using all available travel modes
- Expand safe, convenient and affordable alternatives to the single-occupant vehicle

**Support efficient and reliable Movement on Highways and Arterial Roads.** Probably the highest-profile Contra Costa County project in the TIP focused on enhancing vehicular movement is the I-680/SR4 Interchange Improvement project. The project will reduce congestion and improve operations along SR4 and 680 in the vicinity of the interchange. The 2017 TIP also includes additional improvements to State Route 4, including a new interchange at Balfour Road and a new Integrated Corridor Management Project focusing on operational improvements. In addition, the 2017 TIP includes the HOV lane completion project on southbound I-680 through the SR 24 interchange. When completed, the project will result in a continuous carpool lane from the Benicia-Martinez Bridge to the Alameda County line.



Numerous arterial and interchange improvement projects are also planned to relieve congestion and improve circulation on city streets. In West County, these projects include improvements to the I-80/San Pablo Dam Road interchange in San Pablo and I-80/Central Avenue in Richmond. In Central County, they include a Kirker Pass Truck Climbing Lane. East County projects include the widening of Brentwood Boulevard in Brentwood and Main Street Realignment in Oakley. In Southwest County, projects include improvements to Bollinger Canyon Road in San Ramon.

**Expand safe, convenient and affordable alternatives to the single-occupant vehicle.** The TIP includes a large number of projects that support the transit system. The Eastern Contra Costa BART Extension, or eBART, when completed, will provide connecting transit service from Antioch west to the existing Pittsburg/Bay Point BART station. Other improvements include the construction of park-and-ride facilities and transit stations, including work at the Martinez and Hercules Intermodal Stations, Transit Oriented Developments at Walnut Creek and Richmond Transit Village and park-and-ride lots serving the Tri Delta system. The HOV improvements mentioned above will also support this goal.

The 2017 TIP also programs funding for a number of pedestrian and bicycle projects that will close gaps and improve pedestrian and bicyclist safety in Contra Costa. These include projects such as streetscape improvements near the BART stations in El Cerrito and Concord, the Detroit Avenue Bicycle and Pedestrian Improvements in Concord, the Moraga Way Pedestrian Pathway in Orinda, Transit Station Access Improvements for the new eBART station in Pittsburg, Transit Village streetscape improvements along Nevin Avenue in Richmond, and bicycle/pedestrian improvements on Golf Club Road in Pleasant Hill and San Pablo Avenue in San Pablo.

*[Narrative summary provided by the Contra Costa Transportation Authority]*

*This page intentionally left blank*



# Marin County

## Marin County TIP Projects

Although Marin is usually thought of as a suburban residential and recreational area, ranching and dairy farming are major features of the rural areas of West Marin. Industry in the county includes movie and video production, computer software, communications equipment, bioengineering, financial services, printing, and the manufacture of plastic products, ceramics, candles, and cheese.

Marin County is linked to San Francisco by the Golden Gate Bridge and to the East Bay by the Richmond-San Rafael Bridge. It is bordered on the north and northeast by Sonoma County and on the west by the Pacific Ocean. Marin is the slowest growing county in the region in terms of population. Marin currently has approximately 260,000 residents. Marin residents prefer to retain the county's small town atmosphere and have established strong policies against development outside the urban corridor. Over 90 percent of the growth anticipated in Marin County will occur within the urban corridor, along Highway 101.

To address Marin County's most immediate transportation needs, residents, elected officials and planners agreed, after extensive public meetings, that local funding was indispensable. As a result, Measure A, a ½ cent transportation sales tax, was approved on November 2, 2004, generating approximately \$25 million annually for 20 years. Marin residents also voted to pass Measure B on November 2, 2010 to increase the annual vehicle registration fee by \$10 to help fund transportation improvements, generating approximately \$2.2 million annually. In addition to the sales tax and vehicle registration fee measures, Marin County has aggressively tapped into other regional, state, and federal funds to achieve the county's transportation goals.

Local matching funds will also help Marin County develop and implement plans to provide a variety of quality multi-modal transportation options for Marin residents, including improved bicycle and pedestrian access, senior mobility, and enhanced transit services.

Other notable projects of regional significance in Marin County include:

- **Marin Sonoma Narrows (MSN)** – The overall project scope includes upgrading US-101 from expressway to freeway, extending approximately 16 miles of high occupancy vehicle (HOV) lanes from SR-37 in Novato, Marin County to north of Corona Road Overcrossing in Petaluma, Sonoma County; constructing new interchanges, frontage roads and pedestrian/bicycle facilities; and installing traffic

operation system (TOS) improvements such as traffic monitoring stations and ramp metering on mainline and ramps. The environmental document for this project was approved in October 2009. Construction of the first contract of Phase 1 started in July 2011 and was completed in November 2012. The Construction of three additional contracts began in fall 2012. Two of these three contracts were completed in November 2013 and December 2014, respectively. The remaining construction contract (MSN B1 Phase 1) that started in 2012 is substantially complete and is being prepared for close-out. The completion of these construction contracts will extend northbound HOV lane on US-101 from SR 37 to 1.4 miles south of Redwood Landfill Interchange, extend southbound HOV lane to Rowland Boulevard on-ramp, provide full service interchange at Redwood landfill and extend Redwood frontage road to Olampali State Park as well as provides Class I bike path through Olampali State Park. The MSN B3 (Hwy 101 San Antonio Bridge Replacement) and L1A (Mitigation and Soundwall) contracts have recently begun construction in spring 2016. The MSN B6 project (San Antonio Road Bridge), with Marin County as the project sponsor and administered by the Transportation Authority of Marin (TAM), entered the environmental revalidation and preliminary design phase in December 2014. No other future MSN contracts are anticipated to be initiated until future funds are identified.

- **Central Marin Ferry Connection (CMFC) Multi-use Pathway Project** – Located in the City of Larkspur, this recently completed project provides a new Class 1 facility following the County’s North-South Greenway, which is generally located within the Sonoma Marin Area Rail Transit (SMART) District’s right-of-way. The project intends to further promote non-motorized commute alternatives and enhance recreational travel while providing safe, direct and convenient pedestrian/bicycle access between local transit facilities, schools, business centers and residential communities. The path directly connects the recently completed Cal Park Hill Multi-Use Pathway with an existing east/west multi-use path along Sir Francis Drake Boulevard.
- **North/South Greenway Gap Closure Project (CMFC Phase II)** – This project is the second phase of an overall effort to close a gap in the non-motorized transportation network crossing multiple jurisdictional boundaries in central Marin. The proposed multi-use path will connect the existing paths at the intersection of Old Redwood Highway and Wornum Drive with the recently-opened bridge crossing Sir Francis Drake that leads to the Cal Park Hill multi-use path. The path alignment will be studied during the preliminary engineering and environmental documentation phase.

- **Sonoma-Marin Area Rail Transit (SMART) Rail and Pathway Project** – In 2008, voters in Marin and Sonoma Counties passed Measure Q to collect a one-quarter percent sales tax for the construction and operation of the SMART District commuter rail and non-motorized pathway project in both counties. Construction began on Phase 1 of the project in 2012 and the start of revenue rail service is scheduled to begin in FY 2017. As of December 2013, the scope of the SMART Phase 1 project extends 43-miles from Downtown San Rafael Station north to the Sonoma County Airport Station, with eleven segments of the pathway within those boundaries. Elements of the project include civil track reconstruction, bridges, crossings, signals and positive train control systems, maintenance facilities, stations, pathway segments, and rail car construction. A subsequent extension was funded from Downtown San Rafael to Larkspur Ferry Terminal. Revenue service for this extension is scheduled to begin in FY 2018.
- **Richmond-San Rafael Bridge Improvements** – The Bay Area Toll Authority (BATA) is working diligently on a \$74 million project to improve access to Eastbound 580 across the Richmond-San Rafael Bridge. Additionally, the project will add a multi-use path to the upper deck providing bicycle and pedestrian access between Marin and Contra Cost Counties. As a part of this portion of the work, the Main Street on-ramp will be reconfigured in Marin and a retaining wall will be reconstructed in Richmond. The upper deck multi-use path will feature a 10-foot wide barrier-separated path from Main Street to Marine Street along the north part of I-580. The path will provide access to an additional path to be constructed to Point Molate. Improvements will be made along Francisco Boulevard East in Marin and along Sir Francis Drake on-ramp to I-580 to better access the path. The current BATA schedule shows advertisement in summer of 2016 and project completion in Summer/Fall of 2017.

*[Narrative summary provided by the Transportation Authority of Marin]*

*This page intentionally left blank*



# Napa County

## Napa County TIP Projects

At approximately 137,000 residents Napa County has the smallest population in the Bay Area. It is primarily an agricultural county, world renowned for the quality of its vineyards and the wines produced from this region.

With its wineries, world-class restaurants, and restful scenery, this bucolic county lures three million visitors each year. Napa County voters and policy makers have embraced and adopted Smart Growth and agricultural preservation policies, including the first formal agricultural preserve in the country, which has protected the rural character of Napa County. The county's voters also approved a transportation sales tax in 2012 to rehabilitate local streets and roads, which takes effect in 2018.

The three million tourists that visit each year, combined with commute and local traffic, places great strain on the transportation network. Traffic congestion on main arterials such as SR-29 and Silverado Trail has become a critical issue for workers, residents, and the economic vitality of the region. The Vine transit service is provided to all of the cities (including extensive service in the City of Napa), connecting service to Sonoma County, Solano County, the BayLink Ferry in Vallejo, and to the El Cerrito Del Norte BART station in Contra Costa County. A new multimodal transit center in Napa, the Soscol Gateway Transit Center, opened in 2012 and route coverage and hours of service were updated to improve the transit system. Although the transit service has been increasingly successful, congestion relief and safety improvements are still needed in several locations. An extensive bicycle network has been planned, but is presently incomplete due to insufficient funds. A major north/south Class I facility, the Napa Valley Vine Trail, is being pursued by a broad coalition of citizens, local organizations and government agencies. A countywide pedestrian plan will be completed in the summer of 2016 and will develop a priority list of pedestrian projects throughout the county that will improve pedestrian access to schools and businesses.

The projects in the TIP address the areas of concern mentioned above. Additional connections adjacent to SR-29 along Devlin Road between the County of Napa and the City of American Canyon are also underway. The Devlin Road and Eucalyptus Drive extensions will provide congestion relief and better circulation along the SR-29 corridor. The roadway network will have new pavement at certain segments, safety improvements in key locations, capacity increasing projects, and a number of enhancements to meet Complete Street requirements. Improvements to the Napa County highway system



include interchange improvements at SR-29 and Petrified Forest Road as well as SR-29 and Grayson Avenue. The California Roundabout Project serves as the gateway to the City of Napa's Priority Development Area and will improve circulation and level of service in the vicinity. The Roundabouts will be constructed at the intersections of First Street and California Boulevard, Second Street and California Boulevard, and at the northbound off-ramp of SR-29 at First Street. The City of Napa is further planning improvements to the five-way intersection of Silverado Trail (SR-121), Third Street, Coombsville Road, and East Avenue.

The projects in the TIP will improve the safety, access, and mobility of the multimodal transportation system in the Napa communities.

*[Narrative summary provided by the Napa Valley Transportation Authority]*



# City and County of San Francisco

## San Francisco TIP Projects

The 2017 TIP provides funding for a variety of projects in San Francisco over the next four years which will improve safety and mobility for its residents, workers, and visitors; improve air quality; reduce greenhouse gas emissions; and provide necessary infrastructure for anticipated housing and job growth.

Major transit projects in the TIP include the electrification of Caltrain and construction of a new Transbay Transit Center (TTC) that will serve as the San Francisco Bay Area northern terminus of the proposed California High Speed Rail. Caltrain has completed the procurement process for the design-build electrification and vehicle manufacture contracts and anticipates awarding both contracts by July 2016. The TTC entails construction of the new Transbay Terminal (to be completed in 2017), the development of a blended high-speed rail system, coordinating high speed rail construction and operations with existing passenger rail services (e.g., Caltrain in the San Francisco Peninsula corridor), as well as pedestrian and bicycle improvements associated with the TTC. For the Central Subway Project, which will extend the Third Street Light Rail service to connect neighborhoods from the Visitacion Valley, Bayview Hunters Point, South of Market (SOMA), Financial District, to Chinatown, the San Francisco Municipal Transportation Agency (SFMTA) is proceeding with construction work at the stations upon completion of the running tunnels and anticipates starting the revenue service in 2019.

The San Francisco County Transportation Authority (Transportation Authority), working in close coordination with the SFMTA, received certification for its final environmental document in 2013 for the Van Ness Avenue Bus Rapid Transit (BRT) project and is currently about to enter construction. The Transportation Authority, in partnership with the SFMTA, is preparing the Final EIS/EIR for the Geary Boulevard BRT project, scheduled to be released in Fall 2016. The proposed BRT projects would provide high-quality rapid transit service that would reduce travel time, increase reliability, and improve passenger comfort. Anticipated elements of San Francisco's BRT network include dedicated bus lanes, transit signal priority, all-door boarding and proof of payment, reduced stop spacing, real-time bus arrival information to riders, high quality bus stations, and pedestrian/streetscape improvements and amenities to improve access for pedestrians and bicyclists to the transit stations.

The TIP also includes funding for the annual availability payments for the Presidio Parkway Project, which has been constructed under an innovative public-private partnership. The project has successfully replaced the structurally deficient Doyle Drive, the southern access to the Golden Gate Bridge on US 101 connecting San Francisco to Marin and the North Bay, with a safer, more context-sensitive, and more accessible Parkway. The Project has reached its substantial completion in 2015 and will complete the remaining construction work by the end of 2016.

Another major capital project in the TIP is the Yerba Buena Island (YBI) I-80 Interchange Improvement Project, including 1) east side ramps reconstruction to improve traffic safety and operations, and 2) west-side bridges retrofit to meet seismic safety standards. This project is independent of, but closely coordinated with the Bay Bridge and Treasure Island Redevelopment projects. Construction of new east side ramps started in January 2014 and is scheduled to be complete by September 2016. The west-side bridges retrofit project is in the preliminary engineering phase with final design and right-of-way certification efforts underway and expected to be complete by late 2017, with a construction start anticipated by early 2018.

San Francisco has continued its efforts to improve transportation demand management (TDM) activities in order to improve air quality and reduce greenhouse gas emissions. Notably, the Transportation Authority, officially designated as the Treasure Island Mobility Management Agency in 2014, is currently undertaking the Treasure Island Mobility Management Study to recommend pricing program policies as part of the efforts to redevelop the Island to a sustainable urban neighborhood, aiming for adoption of toll policies in 2016 and a program launch in 2019.

Linked to ongoing development efforts, the TIP includes significant new transportation infrastructure to support planned growth in the southeast sector of the city, particularly SOMA, Mission Bay, Bayview/Hunters Point, Candlestick Point, and the San Francisco/San Mateo county line, as well as the Park Merced development in the western sector.

Many smaller projects in the TIP would be implemented in various locations throughout the city to preserve and enhance the basic transportation infrastructure to benefit all users, including signal timing and management projects, street resurfacing projects, curb ramps, and numerous traffic calming projects. In addition, the 2017 TIP provides funding for projects that promote safety and connectivity for pedestrians, bicyclists, and transit riders, such as major streetscape projects and Vision Zero projects with a safety focus to reduce traffic deaths in San Francisco by 2024.

The SFMTA's Transit Effectiveness Project (TEP), the first comprehensive review of Muni in a generation to improve transit reliability, travel time, and customer experience, launched the Muni Forward program in 2014 to implement route changes and service improvements to reallocate limited resources where most needed and anticipates completing the first round of identified improvements by 2020.

The TIP also includes a number of transit improvement projects in addition to the major transit infrastructure and operational investments mentioned above. For instance, it shows significant funds for the ongoing replacement of the SFMTA vehicle fleet, which serves approximately 700,000 daily passengers, more than any other Bay Area transit system. The SFMTA's vehicle acquisition and rehabilitation program, overhead line and rail replacement program, and facilities improvement program will help provide better, more reliable service to its passengers. The TIP also includes similar critical rehabilitation and upgrade projects for regional transit operators that serve San Francisco, including the Bay Area Rapid Transit District (BART) and Caltrain.

The County looks forward to working with our project partners to bring these and other projects to fruition to improve the quality of life in our city and the Bay Area.

*[Narrative summary provided by the San Francisco County Transportation Authority]*

*This page intentionally left blank*



# San Mateo County

## San Mateo County TIP Projects

Based on California Department of Finance Projections 2014, by year 2040, San Mateo County's population will be 874,626. About one quarter of the county's 286,720 acres is urban, and the remaining three-quarters are primarily rangeland or forest. The urbanized area is concentrated in the vicinity of US Highway 101 and the Caltrain corridor. The primary routes to the agricultural and open space coastal areas are State Route 92 (SR 92) from San Mateo and State Route 1 (SR 1) from Pacifica. In 2014, about 79 percent of commuters drove to work and about 10 percent took transit.

Emphasized transportation projects within San Mateo County include the following:

### Roadway Projects

- **US 101 and Interstate 280 corridors** — The major north-south artery in San Mateo is the US Highway 101 (Bayshore Freeway). San Mateo County has the vision to extend the existing managed lanes on the US 101 corridor. Various interchange improvements are also under consideration. County share of the State Transportation Improvement Program (STIP) are programmed for improving the US 101/Willow Road interchange and the US 101/ SR 92 interchange. Due to the limitation for expansion, most improvements in these corridors will be for improved operations and management of the existing system. Ramp metering has been completed along the entire US 101 within the county. Ramp metering along the portion of Interstate 280 north of I-380 has been completed.
- **SR 92 corridor** — Projects focusing on the Route 92 corridor include operational improvements at the Route 92/ Route 82 (El Camino Real) interchange, and operational improvements for the US 101/ Route 92 interchange where conditions are extremely congested.
- **SR 1 corridor** – Highway 1 projects include operational improvements between Fassler Avenue and Westport Drive in Pacifica, and various safety improvements in Half Moon Bay and the unincorporated areas.

### Transit

- **Caltrain State of Good Repair Program** — The Caltrain SOGR program includes a number of projects with the shared goal of maintaining efficient and reliable railroad operations. These include replacing and rehabilitating track and related civil structures, as well as signal and communication equipment that have

reached the end of their useful lives. The SOGR program also includes station rehabilitation and improvements, ongoing rehabilitation of existing Caltrain rolling stock, and periodic assessment of the entire route to ensure the rail system is maintained in a state of good repair and is kept in good working order.

- **Caltrain South and North Terminal Enhancement Projects** – Caltrain is developing several projects that will enhance the capacity and operational efficiency of the railroad’s terminals in San Francisco and San Jose. This includes planning and conceptual design work for a project to modernize and improve the Caltrain station and terminal at 4<sup>th</sup> and King. Caltrain also has developed a series of projects at the southern terminus to accommodate future service capacity for Caltrain operations, as well as other tenant operators, including Altamont Commuter Express, Amtrak Capitol Corridor, and Union Pacific Railroad.
- **Caltrain Modernization** – The Caltrain Modernization Program, scheduled to be operational by 2020, will electrify and upgrade the performance, operating efficiency, capacity, safety and reliability of Caltrain's commuter rail service. In the future, the infrastructure developed as part of the Caltrain Modernization Program will also accommodate California’s statewide high-speed rail service. Caltrain and high-speed rail will primarily share Caltrain’s existing tracks, operating on a blended system.

The Caltrain Modernization Program includes the electrification of the existing Caltrain corridor between San Francisco and San Jose; the installation of a Communications Based Overlay Signal System Positive Train Control (CBOSS PTC), which is an advanced signal system that includes federally-mandated safety improvements; and the replacement of Caltrain’s diesel trains with high-performance electric trains called Electric Multiple Units (EMUs).

The \$2.13 billion program is funded through a nine-party agreement that leverages local, regional and federal funding to match \$705 million in voter-approved high-speed rail bond revenues.

- **CBOSS PTC** – CBOSS PTC is an advanced signal system that will equip the Caltrain corridor with federally-mandated safety technology by 2016 and will increase system capacity to help accommodate future increases in ridership demand. This project will enhance safety, increase system capacity, and improve highway grade crossing gate downtime. The project will enhance overall safety by eliminating the risk of train-to-train collisions, reducing the risk of potential derailments and providing additional safety for railroad workers on the tracks. With improved grade crossing functions, travelers crossing the tracks will benefit from reduced gate downtime and improved local traffic circulation. Finally, CBOSS PTC

will increase operating performance resulting in more frequent and more dependable passenger service

- **Peninsula Corridor Electrification Project** – The PCEP will electrify the Caltrain corridor with an overhead contact system that will supply power to new, Electric Multiple Unit (EMU) trains. The new EMUs will have better performance than diesel-powered trains, consume substantially less energy, and will result in improved air quality and reduced noise. The 2017 TIP includes funding for the replacement of locomotives and rail cars for Caltrain. The replacement of existing locomotives and passenger rail cars that will be at the end of their useful life will coincide with the Caltrain Electrification Program. These vehicles are proposed to be replaced with EMUs, as discussed above.
- **SamTrans State of Good Repair Program, including Required Revenue Vehicle Replacement** The 2017 TIP includes funding for the replacement of fixed route bus and paratransit fleets as the vehicles reach the end of their useful lives. As part of SamTrans' on-going sustainability efforts, the agency will evaluate, with each sub-fleet replacement, whether to procure clean technology vehicles. Both financial and technical feasibility will be key factors in such consideration. The 2017 TIP also includes a portion of the funding required for SamTrans preventive maintenance efforts, as well as funds for other state-of-good repair projects, such as facilities rehabilitation and upgrades, bus communication systems, and others.
- **SamTrans' support of Grand Boulevard Initiative and Last Mile Connection TDM Program** – SamTrans is a partner of the Grand Boulevard Initiative, which is a collaboration of cities, counties, transit agencies, among others, along the El Camino Real in the Peninsula and South Bay. This Corridor is a planned Priority Development Area (PDA) prioritized for housing and job development with amenities and services that foster a transit and pedestrian-friendly environment. The 2017 TIP includes planning and capital projects in support of this effort. In addition to being a partner in the Grand Boulevard Initiative, SamTrans also supports a number of pilot projects as part of the Last Mile Connection TDM program in San Mateo County.

### **Alternative Modes of Transportation**

The 2017 TIP includes funding for pedestrian enhancement projects, bicycle route improvement projects, and safe routes to school educational projects in various locations throughout San Mateo County. These projects promote alternative transportation modes and improve pedestrian and bicyclists safety. Example projects include transit accessibility improvements for bicyclists and pedestrians, pedestrian facility enhancements, and improvements to the countywide bicycle network.

- **SR 82 Complete Streets Project in South San Francisco** – The 2017 TIP includes funding to develop a major complete streets project on the El Camino Real Highway which strives to establish a balance between transportation modes by providing bike and pedestrian enhancements in support of the Grand Boulevard concept.

*[Narrative summary provided by the City/County Association of Governments of San Mateo County]*



# Santa Clara County

## Santa Clara County TIP Projects

As of January 1, 2015 Santa Clara County's population was approximately 1.89 million, making it the largest of the nine Bay Area counties. The county has 15 incorporated cities, including San Jose, which is the third largest city in California, following Los Angeles and San Diego. Santa Clara continues to be the larger of the San Francisco Bay Area's two major employment centers, and attracts workers from most of the Bay Area, as well as the non-Bay Area counties of Merced, Monterey, San Benito, San Joaquin and Santa Cruz.

Santa Clara County enjoys a relatively balanced jobs/housing split and county residents fill roughly 80% of Santa Clara County's jobs. Significant and continuing housing construction over the last three years is causing that percentage to rise. However, the scale of the county's economy makes the relatively small import percentage translate into hundreds of thousands of daily commute trips.

Within Santa Clara County, local bus, express bus, and light rail service is provided by the Santa Clara Valley Transportation Authority (VTA). Caltrain, Altamont Corridor Express (ACE), and Amtrak's Capitol Corridor provide regional passenger rail services. Major freeways include SR-17, SR-85, SR-87, US-101, I-280, I-680 and I-880. In addition, Santa Clara County is unique among California counties in that the County owns and operates its own expressway system.

Santa Clara County has a number of improvements to its transportation system planned and included in the 2017 TIP. Major transportation projects programmed in the 2017 TIP include the BART - Warm Springs to Berryessa Extension, funded with State Transportation Improvement Program (STIP), Federal Transit Administration Section 5309, and local sales tax funds. It is currently in construction with passenger service by 2018. In addition to state funds, Santa Clara County also uses federal funds for the improvement and maintenance of its multi-modal local streets and roads network, including improved bicycle and pedestrian infrastructure and road rehabilitation. This includes projects that received Active Transportation Program (ATP) funding, such as the Coyote Creek Trail project in San Jose. The county has access to its local transportation sales tax measures, which is used for transit projects as well as leveraging state and federal funds. To meet both internal and external travel demands Santa Clara County has developed multiple transportation investment strategies. The projects included in

the 2017 TIP reflect both internal and gateway transportation investments in the county's roadway, transit and bicycle networks.

*[Narrative summary provided by the Santa Clara Valley Transportation Authority]*



# Solano County

## **Solano Comprehensive Transportation Plan Consistency**

The Solano County 2017 TIP project listing was developed in coordination with Solano Transportation Authority (STA), public transit agencies, the seven cities and the County of Solano. The projects included in the 2017 TIP collectively reduce GHG emissions, improve mobility, reduce congestion, ensure travel safety, and provide ladders of economic opportunity to the citizens of Solano County. This is consistent with the Solano Comprehensive Transportation Plan's goals and objectives, including:

- Identify a transportation system that supports the existing and planned land uses of Solano County's seven cities and the County of Solano.
- Maintain regional mobility while improving local mobility.
- Assess projects and programs based on their ability to balance the goals of economy, environment and equity.
- Encourage projects and programs that maintain and use existing systems more efficiently before expanding infrastructure.

## **Solano County 2017 TIP Narrative**

### Roadway Projects

The 2017 Solano County TIP projects include major improvements along the I-80 and State Route (SR) 12 Corridors. The projects identified on the I-80 corridor include large capital projects related to the I-80/I-680/SR-12 Interchange. The first segment of this project, WB80 to WB12 west connector and a new Green Valley overcrossing, is expected to complete construction in Fall 2016. In addition, the 2017 TIP includes new I-80 Express Lanes, which consists of a HOV lane conversion for the I-80 corridor in Fairfield from Red Top Road to I-505 and construction of new Express Lanes from Airbase Parkway to I-505 in Vacaville.

State Route 12 (SR12) will see improvements at the intersection of State Route 113 (SR113), where Caltrans is expected to propose a round-about, with construction expected to begin in Summer 2018. This improvement will vastly reduce the amount of waiting time for cars from SR113 entering onto SR12, which can at times cause a significant back-up.

The Jepson Parkway Project, with its four unique phases, is also included in the 2017 TIP. The Jepson Parkway Project is a multimodal route that will provide a route for local traffic to avoid traveling on I-80. Jepson Parkway travels through the cities of Fairfield, Suisun City, and Vacaville, and portions of unincorporated Solano County adjacent to Travis Air Force Base. The Jepson Parkway Project continues to be a priority project for

the STA and its member agencies. STA anticipates to have the first 2 phases begin construction by Fall 2016.

The Parkway Blvd/UPRR Grade Separation project will help to improve safety in Dixon by connecting two previously blocked off communities with a grade separated crossing over the rail road tracks. This project will help to promote access and improve safety throughout the city and save all modes of transportation time by not having to travel around the area or trapped in a traffic queue waiting for a train to pass.

The 2017 TIP also includes a number of projects related to maintenance, safety improvements and rehabilitation of local streets and roads. This includes roadway improvement projects that provide better and safer access to Travis Air Force Base.

### Transit

Solano County currently has six transit operators, which includes the countywide intercity paratransit service. The 2017 TIP includes intermodal transit centers, transfer facilities and bus shelter infrastructure improvements as well as construction of a rail station in Fairfield.

The new Fairfield/Vacaville train station will serve residents of both Fairfield and Vacaville and serve as a catalyst for growth within the existing Priority Development Area (PDA).

### Alternative Modes

Alternative modes Modes projects consist of bicycle, pedestrian and carpool/vanpool incentive programs. The STA continues to support the Solano Safe Routes to School Program (SR2S) and Solano Napa Commuter Information Rideshare Program. The SR2S program promotes walking and bicycling through education, incentives, and capital improvements. The Rideshare Program promotes transit and commuter incentives such as vanpools and carpools.

The 2017 TIP also includes the following countywide significant bicycle and pedestrian projects:

- Suisun Valley Bicycle and Pedestrian Improvements
- The City of Vallejo's Priority Development Area (PDA) project, "Vallejo Downtown Streetscape"
- SR2T – Curtola Bike Path
- Driftwood Dr SR2S Project
- Dixon SR2S Project
- Alison Bicycle/Ped Improvements

The Suisun Valley Bicycle and Pedestrian Improvements are part of the Suisun Valley Priority Conservation Area (PCA). This project consists of constructing a staging area with bicycle and pedestrian improvements including adding Class II bicycle facilities on Rockville Road, Suisun Valley Rd, Mankas Corner Rd, Abernathy Rd, and Ledgewood Rd.

The City of Vallejo's SR2T – Curtola Bike Path will help to close a gap along Sonoma Blvd, allowing bicyclists and pedestrians to reach the newly updated Curtola Park & Ride lot by using active transportation modes. The City of Suisun City's Driftwood Dr SR2S project will provide a much needed improvement alongside Crystal Middle School, expanding the existing sidewalk to a Class I path, which will connect to the existing Grizzly Island Trail. Dixon's SR2S project will take place at 2 schools and provide improved striping and radar feedback signs to encourage safe driving around schools.

The City of Vallejo's PDA project is the first Solano County PDA project to be originally funded with Transportation for Livable Communities (TLC) County capital funds. The PDA project will enhance pedestrian connections from the future intermodal transit facility to Downtown Vallejo.

### **Summary**

The Solano County TIP Listing is a balanced mix of roadway projects, transit projects, and active transportation projects. STA has a desire to provide multimodal transportation options that improve access and reliability for our residents. The projects included in the 2017 TIP will help address the current and future transportation needs in Solano County. These projects are consistent with the Solano Comprehensive Transportation Plan (CTP) and have been identified as part of the STA's Routes of Regional Significance, Transit Centers of Regional Significance and are included in a CTP subsidiary plan (e.g., Countywide Bicycle Plan and Countywide Pedestrian Plan).

*[Narrative summary provided by the Solano Transportation Authority]*

*This page intentionally left blank*



# Sonoma County

## Sonoma County TIP Projects

Sonoma County is the largest of the four North Bay counties by area, covering over one million acres of land and has a population of 502,146.

Sonoma County has a relatively balanced jobs/housing split with over 83% of its residents working within the county. The economy is based on a diverse mix of agriculture, manufacturing, high tech and telecommunications, and the service sector.

Transportation ranks as one of the key issues among Sonoma County residents. The transportation system in the county includes several state highways, 2,300 miles of streets and roads, four bus transit providers. Sonoma County also has an approved sales tax measure, which helps to fund key multi-modal transportation projects within the county. Sonoma and Marin Counties also share a sales tax measure to fund the Sonoma Marin Area Rail Transit (SMART) project on a section of the Northwestern Pacific railroad line, which is in public ownership.

## Sonoma Comprehensive Transportation Plan Consistency

The TIP project listing for Sonoma County was developed in coordination with the Sonoma County Transportation Authority (SCTA), public transit operators, and the nine cities and the County of Sonoma. The projects included in the 2017 TIP serve to meet the SCTA Board approved goals for the Draft *2016 Comprehensive Transportation Plan of Sonoma County*:

- Maintain the System
- Relieve Congestion
- Reduce Emissions
- Plan for Safety and Health
- Promote Economic Vitality

## Roadway

There are several projects in the 2017 TIP that continue the addition of High Occupancy Vehicle (HOV) Lanes on Highway 101 in Sonoma County from the Marin County line to the Town of Windsor, which has been a longstanding need for local and interregional travel. The Highway 101 projects collectively serve to reduce congestion, maintain the current facility, upgrade the facility to current safety standards, and reduce emissions by encouraging carpooling and use of express bus service. The Highway 101 projects also

address local access across Highway 101 with interchange improvements, widening of local streets and the addition of sidewalks and bike lanes. There are also several local pavement maintenance projects needed to protect existing infrastructure included in the 2017 TIP. Also included are bridge replacement projects, needed for seismic safety, maintenance, and expansion of local roadways.

### **Transit**

Sonoma County currently has four bus transit operators. Sonoma County Transit serves the entire county and Golden Gate Transit serves the 101 Corridor as far north as Santa Rosa. The cities of Petaluma and Santa Rosa have transit systems that serve their respective cities. Sonoma County also shares a rail transit district with Marin County that will be operational by the end of 2016. Sonoma Marin Area Rail Transit (SMART) district is improving street crossings and building rail stations for operation. The 2017 TIP contains projects that will allow for the installation of clean natural gas fueling station and purchase clean air vehicles for the transit fleets. Transit facilities including metropolitan transportation hubs and maintenance yards will receive upgrades. Bus stops will be improved in multiple locations. New bus routes will be added and existing routes will be modified to coordinate with SMART service.

### **Alternative Modes**

Sonoma County Transportation Authority is working with stakeholders to implement a Safe Routes to Schools program that will receive federal funds to add up to 20 new schools to the existing county program. The program seeks to educate school children on safe biking and walking practices, and encourages school children to use bicycling and walking as an alternative mode of transportation.

The SCTA also administers funds to implement student pass subsidy programs, and free ride trip reduction projects to reduce the number of single occupant vehicles on city streets and enhance air quality.

Several jurisdictions have bicycle and pedestrian improvement projects that will extend Class I bike paths, or create new pathways. Additionally, proposed pedestrian improvements will enhance walkability inside city centers and along waterways and coastline. Examples include the SMART multi-use path and bicycle and pedestrian enhancements on Old Redwood Highway in Windsor, both partially funded with State Transportation Improvement Program (STIP) funds.

The SCTA is working on a car share pilot program in Santa Rosa and planning for various transportation demand management measures.



## Summary

The Sonoma County 2017 TIP listing is a balanced mix of roadway projects, transit projects, and alternative modes projects. The projects included in the 2017 TIP will help address the current and future transportation needs in Sonoma County. These projects are consistent with the Sonoma Comprehensive Transportation Plan.

*[Narrative summary provided by the Sonoma County Transportation Authority]*



*This page intentionally left blank*



## Various Counties

This section contains projects in various counties listed within the TIP as a Group listing (GL).

Group Listings include similar-type projects throughout the region that are bundled together rather than listed individually within the TIP. This includes projects funded through the state-managed programs, such as the State Highway Operations and Protection Program (SHOPP) which maintains the state highway system, Highway Safety Improvement Program (HSIP) which improves safety on local roadways, and Highway Bridge Program (HBP) which rehabilitates and replaces local bridges. Projects included within the Group Listings may be found in Appendix A-65.

*This page intentionally left blank*



## Multiple Counties

This section contains projects involving multiple counties, such as projects sponsored by MTC or other region-wide jurisdictions that cover more than one county.

The projects are within several counties and are generally sponsored by a regional agency or a project sponsor acting on behalf of other entities. In some instances these are projects that cover the entire region, benefiting the entire region.

*This page intentionally left blank*



# Regional Projects

## Overview

The Association of Bay Area Governments (ABAG) and the Metropolitan Transportation Commission (MTC) track and forecast the region's demographics and economic trends to inform and guide Plan Bay Area investments and policy decisions. Between 2010 and 2040, the nine-county San Francisco Bay Area is projected to add 1.1 million jobs, 2.1 million people, and 660,000 homes, for a total of 4.5 million jobs, 9.3 million people, and 3.4 million homes. These figures translate to more drivers on the Bay Area's roads and riders on both local and regional transit systems. This increase in the use of the region's transportation infrastructure will necessitate greater coordination to ease the flow of riders and traffic between destinations.

In addition to better coordination among systems, these projected increases in population and employment raise concerns about the environmental impact of transporting these individuals and the goods that they will need. Senate Bill 375 mandates per-capita greenhouse gas (GHG) target achievements for years 2020 and 2035 as established by the California Air Resources Board. Plan Bay Area achieves the greenhouse gas emissions reduction target required by state law through a more efficient land use pattern, key transportation investments, and initiatives such as accelerated electric vehicle deployment. It also achieves the housing target required by state law to provide housing for all of the region's population over the next three decades, relying on local communities' support for policies that direct the lion's share of housing growth into Priority Development Areas. Plan Bay Area not only meets but exceeds its GHG emissions reduction target. By 2040, the typical Bay Area resident is expected to reduce his or her daily transportation carbon dioxide emissions by 18 percent compared to 2005 conditions.

While MTC has considered the effects of transportation investments on GHG emissions in prior regional transportation plans, Plan Bay Area is the first regional effort with an aggressive and achievable emission reduction goal. By accelerating efforts to emphasize infill growth and to boost funding for public transit, the plan represents a bold step for the region in this era of climate change. The 2017 TIP's project programming is consistent with and supports the goals of Plan Bay Area, and its successor, Plan Bay Area 2040.

## Regional TIP Projects

To address the issues facing the Bay Area as a whole, certain regional projects and programs have been included in the 2017 TIP. Among these are funding for planning activities undertaken by regional entities such as MTC, ABAG, and the Bay Conservation & Development Commission (BCDC) and marketing to support the region's transportation operations. Other projects in this area are as follows:

*Clipper<sup>sm</sup>* – Clipper<sup>sm</sup> was introduced in the Bay Area to provide a consistent experience for riders across multiple transit systems. It is an all-in-one transit card that can be used on nearly all Bay Area transit operators, including AC Transit, BART, Caltrain, Golden Gate Transit and Ferry, San Francisco Muni, SamTrans and VTA. The card may be customized to the user's travel preferences by loading passes, ride-books, discounted tickets or cash value. This may be done online, by phone, through Clipper<sup>sm</sup> Add Value machines or participating retailers, through an employee benefit program or automatically using the Auto-load feature.

*511* – 511 provides information regarding transit, rideshare, traffic and bicycling to users by phone or through the 511.org website. Callers to the 511 system can get estimated travel times for trips, traffic congestion updates, transit departure time predictions, carpooling and vanpooling information and other assistance. Users of the website are able to plan trips by transit or roads, view traffic maps, find carpool members, view bicycle maps and safety tips, and access other information.

*Safety* – Many projects in the 2017 TIP are aimed at increasing the safety of the Bay Area's highways. Activities such as bridge and pavement rehabilitation and highway shoulder widening projects help prevent accidents by addressing unsafe road conditions. Under its Incident Management Program, the Metropolitan Transportation Commission Service Authority for Freeways and Expressways (MTC SAFE), in conjunction with Caltrans and the California Highway Patrol, operates both the Freeway Assist Program and the Freeway Service Patrol (FSP) in the Bay Area. The Freeway Assist Program provides motorists experiencing breakdowns and flat tires with access to assistance 24 hours a day via call boxes and the 511 phone system. The FSP is a fleet of over 70 roving tow and service trucks deployed during peak travel times to clear accidents, assist motorists, and remove dangerous debris from freeways.

*Regional and Inter-Regional Freight Rail Projects* – The 2015 TIP includes a number of regional and inter-regional freight rail projects that will not only facilitate economic growth, but also aid in reducing greenhouse gas and PM emissions. The Port of Oakland's Outer Harbor Intermodal Terminal (OHIT) project aims to alleviate congestion and improve efficiency of Port operations. Similarly, the Port of Oakland will be studying



options for greater rail connectivity between their facilities and the Central Valley. Finally, the GoPort! project aims to improve both freight and rail efficiency in the Port of Oakland, including the 7<sup>th</sup> Street Grade Separation and roadway improvements. Many of these projects are under construction.

*Climate Initiatives Program* – Many measures are being taken to reduce greenhouse gas (GHG) emissions and/or to mitigate the effects of climate change as required by state and federal law. Such measures and programs include innovative grants for activities such as car/bike sharing, shore power for the Port of Oakland, Spare the Air Youth Program to educate and inspire youth to take alternate forms of transportation, Smart Driving Pilots to encourage more efficient driving techniques, and promotion of electric vehicles (EV) and EV infrastructure.

*This page intentionally left blank*



# Tollway Projects

## Regional Measure 1 Toll Bridge Program

In November 1988, Bay Area voters approved Regional Measure 1 (RM 1), which authorized a standard base auto toll of \$1.00 on all seven state-owned Bay Area toll bridges – the Antioch, Benicia-Martinez, Carquinez, Dumbarton, Richmond-San Rafael, San Mateo-Hayward and San Francisco-Oakland Bay bridges. The additional revenues generated by the base toll increase were designated for a number of bridge, highway, and transit improvement projects designed to reduce congestion on the bridges.

In 1998, the Metropolitan Transportation Commission (MTC), in its role as the Bay Area Toll Authority (BATA), assumed administration of these base toll funds as well as responsibility for overseeing the RM 1 toll bridge capital improvement program. Two RM 1 projects — the widening of the Benicia-Martinez Bridge and construction of the West Grand Avenue connector to the San Francisco-Oakland Bay Bridge — had, by then, already been completed by Caltrans, which continues to provide the engineering staffing for design and construction oversight of the projects, reimbursed by BATA.

The RM 1 projects have been completed. The program cost approximately \$2.4 billion and was funded primarily by BATA toll funds. The projects and their status are as follows:

- New Carquinez Bridge (Open to traffic in 2003)
- New Benicia-Martinez Bridge (Open to traffic in 2007)
- Existing Benicia-Martinez Bridge Modified for Southbound Only Traffic (Completed in 2009)
- Major Rehabilitation of Richmond-San Rafael Bridge
  - Replacement of trestle and rehabilitation of fenders (Completed in 2005)
  - Resurfacing of bridge deck (Completed in 2006)
- Completion of Richmond Parkway (Completed in 2001)
- Widening of San Mateo-Hayward Bridge and eastern approach (Open to traffic in 2003)
- Improvements to the western approach to Dumbarton Bridge
  - Modifications to US 101/University Avenue interchange (Completed in 2004)
  - Widening of State Route 84/Bayfront Expressway (Open to traffic in 2004)
- Reconstruction of Interstate 880/State Route 92 Interchange (Completed in 2011)

## **Toll Bridge Seismic Retrofit Program**

Tolls on all state-owned bridges in the Bay Area include seismic surcharges applied to the base toll. Administered by BATA, these toll funds are used in combination with other state and federal moneys to finance a multibillion-dollar toll bridge seismic retrofit program affecting the state-owned Bay Area toll bridges. Caltrans' engineering staff determines what retrofit work is needed on each bridge based on traffic uses, expected life of the bridge, cost of higher post-earthquake performance levels, and other considerations. Each retrofit is designed to a level that, at a minimum, will ensure that the bridge will remain standing in an earthquake.

When first conceived, the Toll Bridge Seismic Retrofit Program only identified seven of the nine state owned toll bridges to be in need of seismic retrofit – excluding the Dumbarton and Antioch Bridges. Further seismic vulnerability studies on those bridges determined the need for retrofit based on current seismic standards. In 2009, Assembly Bill 1175 was signed to add these bridges to the program. Tolls were subsequently increased to cover the cost of these retrofits.

The \$9.4 billion Toll Bridge Seismic Retrofit Program is overseen by the Toll Bridge Oversight Committee – a committee composed of the executive directors of BATA and the California Transportation Commission and the director of Caltrans. The projects and their status are as follows:

### **Toll Bridge Seismic Retrofit Program**

- Antioch Bridge — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2012)
- Benicia-Martinez Bridge (original 1962 span) — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2002)
- Carquinez (1958 eastbound structure) Bridge — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2002)
- Dumbarton Bridge — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2012)
- Richmond-San Rafael — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2005)
- San Francisco-Oakland Bay (west span) — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2004)
- San Francisco-Oakland Bay (west approach) — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2009)
- San Francisco-Oakland Bay (east span) — Construct new bridge (Opened to traffic in September 2013)
- San Mateo-Hayward — Strengthen or replace structural elements, add isolation and dampening features (Completed in 2000)

## **Regional Measure 2 Toll Bridge Program**

On March 2, 2004, voters passed Regional Measure 2 (RM2), raising the toll on the seven State-owned toll bridges in the San Francisco Bay Area by \$1.00. This extra dollar is to fund various transportation projects within the region that have been determined to reduce congestion or to make improvements to travel in the toll bridge corridors, as identified in SB 916 (Chapter 715, Statutes of 2004). Specifically, RM2 identifies thirty-six capital and fourteen transit operating assistance projects and programs eligible to receive RM2 funding (California Streets and Highway Code Section 30914 (c) & (d)). The capital program totals \$1.5 billion in project investments to be implemented over time and the operating program is funded at up to 38% of annual revenues, or approximately \$44 million per year.

In accordance with the legislation as approved by the voters, the Bay Area Toll Authority (BATA) is the financial manager for RM2 funds, whose responsibilities include the preparation of financial plans, the issuance of debt financing, and the disbursement of funds to project sponsors. The Metropolitan Transportation Commission (MTC) is the program and project coordinator, whose responsibilities include reviewing project applications, programming and allocating funds to specific projects, and monitoring project delivery. In some cases, MTC also serves as the project sponsor, for the regional Transit Connectivity Study, as well as certain regional customer service projects, such as the Transit Commuter Benefits promotion, the Real Time Transit information program, and implementation of Clipper<sup>(sm)</sup>, formerly known as TransLink®.

## **Express Lane Program**

The 2017 TIP includes a number of express lanes projects that will be operated by MTC (through the Bay Area Infrastructure Authority). MTC's express lanes complement other express lanes in the region, collectively known as 'Bay Area Express Lanes'. Express lanes allow solo drivers the choice to pay for a more reliable trip, while carpools travel free. Tolls change dynamically based on traffic congestion and are collected by FasTrak. The lanes are mostly conversions of existing high-occupancy vehicle lanes, but in a few cases involve widening to build a new lane. They are in various stages of development: initial study, environmental clearance, design and construction.

- CC-680 Southern Segment Express Lanes: Alcosta to Livorna/Rudgear (opens spring 2017);
- CC-680 Northern Segment Express Lane: Southbound from Benicia/Martinez Bridge Toll Plaza to El Cerro;
- CC-680 Northern Segment Express Lane: Northbound from North Main to Benicia/Martinez Bridge Toll Plaza;
- ALA-880 Express Lanes: Dixon Landing to Hegenberger;

- ALA/CC-80 (Carquinez Bridge to Powell) and Bay Bridge Approaches (ALA-80, ALA-580 and ALA-880 to Toll Plaza) Express Lanes; and
- SOL-80 Express Lanes: Red Top to I-505.

# **Transit Project Listings**





Alameda Contra Costa Transit District (AC Transit)

TIP ID: **ALA010034** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600002155  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Facilities Upgrade  
 Description: AC Transit: Agency's facilities & equipment upgrades.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 24,474						\$ 24,474
CON	5309	\$ 6,177						\$ 6,177
CON	BT	\$ 1,482						\$ 1,482
CON	OTHER LOCAL	\$ 11,480						\$ 11,480
CON	PROP	\$ 4,346						\$ 4,346
CON	RIP	\$ 3,705						\$ 3,705
CON	STP	\$ 4,000						\$ 4,000
Total Programmed Funding:								\$ 55,663

TIP ID: **ALA110008** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600004885  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit State of Good Repair Program  
 Description: AC Transit: The project is intended to bring AC Transit's revenue fleet up to a SGR by implementing new SGR process and software in order to reduce operating costs.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5309	\$ 5,922						\$ 5,922
CON	OTHER LOCAL	\$ 1,481						\$ 1,481
Total Programmed Funding:								\$ 7,403

TIP ID: **ALA130002** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600005362  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Procure (27) 60' Artic Hybrid Buses  
 Description: AC Transit: Purchase 27 60-foot diesel-electric hybrid articulated buses with dual-side doors for BRT service to replace older 60-foot articulated buses  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 22,303						\$ 22,303
CON	BT	\$ 1,178						\$ 1,178
CON	OTHER LOCAL	\$ 1,818						\$ 1,818
CON	PROP	\$ 2,580						\$ 2,580
Total Programmed Funding:								\$ 27,879



Alameda Contra Costa Transit District (AC Transit)

TIP ID: **ALA150004** County: Alameda System: Transit RTP ID: 22455 CTIPS ID: 20600005855  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: East Bay Bus Rapid Transit  
 Description: Alameda County: Along Broadway/ International/E 14th corridor from Oakland to San Leandro: Implement BRT including 34 stations, transit signal priority, level-boarding, shelters, off-board ticketing, real-time information, and security cameras  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 185 Post Mile From: 10.558 Post Mile To: 5.728 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	5309	\$ 6,410						\$ 6,410
ENV	BT	\$ 3,500						\$ 3,500
ENV	OTHER LOCAL	\$ 281						\$ 281
ENV	OTHER STATE	\$ 1,550						\$ 1,550
ENV	SALESTAX-MEASURE	\$ 3,637						\$ 3,637
PE	5309	\$ 16,000						\$ 16,000
PE	SALESTAX-MEASURE	\$ 3,128						\$ 3,128
PSE	5309	\$ 27,085						\$ 27,085
PSE	PROP	\$ 3,164						\$ 3,164
PSE	SALESTAX-MEASURE	\$ 2,411						\$ 2,411
ROW	BT	\$ 1,500						\$ 1,500
CON	5309	\$ 28,559						\$ 28,559
CON	BT	\$ 52,656						\$ 52,656
CON	CMAQ	\$ 4,547						\$ 4,547
CON	OTHER LOCAL	\$ 82						\$ 82
CON	OTHER STATE	\$ 1,949						\$ 1,949
CON	PROP	\$ 671						\$ 671
CON	RIP	\$ 7,995						\$ 7,995
CON	SALESTAX-MEASURE	\$ 13,200	\$ 2,000					\$ 15,200
CON	TFCA	\$ 925						\$ 925
Total Programmed Funding:			\$ 2,000					\$ 181,251

TIP ID: **ALA150020** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600005924  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: South County Corridors  
 Description: AC Transit: South Alameda County Major Corridors: Travel time improvements including Adaptive Traffic Control Systems, corridor-wide Transit Signal Priority, signal coordination and relocation of key bus stops from near side to far side.  
 Air Quality Exempt Code: 5.07 - EXEMPT (40 CFR 93.128) - Traffic signal synchronization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 500						\$ 500
PE	OTHER LOCAL	\$ 65						\$ 65
CON	CMAQ	\$ 4,500						\$ 4,500
CON	OTHER LOCAL	\$ 583						\$ 583
Total Programmed Funding:								\$ 5,648

TIP ID: **ALA150038** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600005986  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Purchase (10) Double-Deck Diesel Buses  
 Description: AC Transit: Purchase (10) Double-Deck Diesel Buses to replace buses in existing fleet  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 3,636						\$ 3,636
CON	5337	\$ 1,500						\$ 1,500
CON	BT	\$ 1,493						\$ 1,493
CON	OTHER LOCAL	\$ 3,619						\$ 3,619
Total Programmed Funding:								\$ 10,249



Alameda Contra Costa Transit District (AC Transit)

TIP ID: **ALA150039** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600005987  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Purchase (10) 40' Buses-Fuel Cell ZEB  
 Description: AC Transit: Replace 10 40ft urban diesel buses with Zero-emission fuel cell buses  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL	\$ 7,710						\$ 7,710
CON	RTP-LRP						\$ 5,087	\$ 5,087
Total Programmed Funding:							\$ 5,087	\$ 12,797

TIP ID: **ALA150040** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600005988  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Replace (10) 40ft Urban Buses-Diesels  
 Description: AC Transit: Replace 10 (of 102 in sub-fleet) 40ft urban diesel buses with diesels  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 4,081						\$ 4,081
CON	OTHER LOCAL	\$ 1,219						\$ 1,219
Total Programmed Funding:								\$ 5,300

TIP ID: **ALA150041** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600005989  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Replace (29) 60' Artic Buses - Diesels  
 Description: AC Transit: Replace 29 60ft artic urban diesel buses with diesels  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 754						\$ 754
CON	BT	\$ 18,472						\$ 18,472
CON	OTHER LOCAL	\$ 5,743						\$ 5,743
Total Programmed Funding:								\$ 24,969

TIP ID: **ALA150045** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600006032  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: PM - Exchange for 40ft Fuel Cell ZEB  
 Description: AC Transit: Preventive maintenance program, including maintenance of buses and facilities. Project is in exchange for local funds to replace 10 (of 102 in sub-fleet) 40ft urban diesel buses with Zero-emission fuel cell buses  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 979						\$ 979
CON	BT	\$ 4,958						\$ 4,958
Total Programmed Funding:								\$ 5,937

TIP ID: **ALA990052** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 20600000654  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Paratransit Van Replacement  
 Description: AC Transit: Amortized cost of replacing vans used for AC Transit paratransit service. Vans are operated and replaced by paratransit contractor. FTA funds programmed annually in lieu of programming for replacing vans at end of their useful life.  
 Air Quality Exempt Code: 2.02 - EXEMPT (40 CFR 93.126) - Purchase of support vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 15,784						\$ 15,784
CON	BT	\$ 495						\$ 495
CON	OTHER LOCAL	\$ 3,745						\$ 3,745
Total Programmed Funding:								\$ 20,025



Alameda Contra Costa Transit District (AC Transit)

TIP ID: **ALA990076** County: Alameda System: Transit RTP ID: 94526 CTIPS ID: 2060000677  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: ADA Paratransit Assistance  
 Description: AC Transit: ADA Paratransit Operating Subsidy.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 90,408						\$ 90,408
CON	OTHER LOCAL	\$ 22,602						\$ 22,602
Total Programmed Funding:								\$ 113,010

TIP ID: **CC-030001** County: Contra Costa System: Transit RTP ID: 21208 CTIPS ID: 20600002384  
 Sponsor: Alameda Contra Costa Transit District (AC Transit) Implementing Agency: Alameda Contra Costa Transit District  
 Project Name: AC Transit: Richmond Prkwy Transit Center  
 Description: Richmond: Adjacent to I-80 at the Richmond Parkway Transit Center; rehabilitation park and ride facility, traffic light installation and restriping on Blume Dr  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	BT	\$ 507						\$ 507
ENV	OTHER LOCAL	\$ 80						\$ 80
PSE	BT	\$ 866						\$ 866
CON	BT	\$ 2,434						\$ 2,434
Total Programmed Funding:								\$ 3,887

End of section



**BART**  
**b****a**

Transit Projects  
**Bay Area Rapid Transit District (BART)**

TIP ID: **ALA090065** County: Alameda System: Transit RTP ID: 94525 CTIPS ID: 20600004773  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART: Fare Collection Equipment  
 Description: BART: Systemwide: Acquire and install fare collection equipment.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	5307	\$ 2,520					\$ 2,520
CON	5309	\$ 20					\$ 20
CON	5337	\$ 24,136					\$ 24,136
CON	OTHER LOCAL	\$ 6,669					\$ 6,669
Total Programmed Funding:							\$ 33,345

TIP ID: **ALA090068** County: Alameda System: Transit RTP ID: 94525 CTIPS ID: 20600004685  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: MacArthur BART Plaza Remodel  
 Description: Oakland: MacArthur BART Station: Renovate the entry plaza  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
ENV	PRIVATE	\$ 100					\$ 100
PSE	OTHER LOCAL	\$ 159					\$ 159
PSE	OTHER STATE	\$ 377					\$ 377
CON	5309	\$ 970					\$ 970
CON	CMAQ	\$ 625					\$ 625
CON	OTHER STATE	\$ 931					\$ 931
CON	PROP	\$ 300					\$ 300
CON	RIP-TE	\$ 954					\$ 954
Total Programmed Funding:							\$ 4,415

TIP ID: **ALA110003** County: Alameda System: Transit RTP ID: 240374 CTIPS ID: 20600004645  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Hayward Shop and Yard Expansion  
 Description: Expansion of the Hayward Shop and Yard to accommodate additional rail vehicles for storage, maintenance and repair.  
 Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	SALESTAX-MEASURE	\$ 5,000					\$ 5,000
ROW	OTHER LOCAL	\$ 7,000					\$ 7,000
CON	PROP	\$ 78,639					\$ 78,639
CON	SALESTAX-MEASURE	\$ 69,860					\$ 69,860
Total Programmed Funding:							\$ 160,499

TIP ID: **ALA110032** County: Alameda System: Transit RTP ID: 240381 CTIPS ID: 20600004907  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Downtown Berkeley BART Plaza/Transit Area Imps.  
 Description: In Berkeley: Area around Downtown Berkeley BART Station: Streetscape improvements; design/construction of custom bus shelter, canopy design for 5 secondary BART entries and construction of one; retrofit design for BART rotunda. Project is phased

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	CMAQ	\$ 706					\$ 706
PE	OTHER LOCAL	\$ 177					\$ 177
PE	PROP	\$ 80					\$ 80
CON	5307	\$ 1,037					\$ 1,037
CON	CMAQ	\$ 1,439					\$ 1,439
CON	OTHER LOCAL	\$ 866	\$ 572				\$ 1,438
CON	PROP	\$ 641	\$ 3,726				\$ 4,367
CON	VRF		\$ 3,718				\$ 3,718
Total Programmed Funding:							\$ 12,963



Bay Area Rapid Transit District (BART)

TIP ID: **ALA110115** County: Alameda System: Transit RTP ID: 240508 CTIPS ID: 20600005433  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Bicycle Lockers at Capitol Corridor Stations  
 Description: Capitol Corridor Joint Powers Authority (CCJPA): at Capitol Corridor Stations: Establish a bicycle storage standard for design(s), function, and procurement for secure bicycle storage  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 66,641

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	IIP	\$ 25						\$ 25
CON	IIP	\$ 556						\$ 556
Total Programmed Funding:								\$ 581

TIP ID: **ALA130007** County: Alameda System: Transit RTP ID: 240196 CTIPS ID: 20600005727  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART to Livermore Extension - Develop EIR/EIS  
 Description: BART - Develop Draft Environmental Impact Report/Environmental Impact Statement (DEIR/EIS) for the BART to Livermore Extension Project (Proposed Project).  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	AB1171-AB144	\$ 8,600						\$ 8,600
PE	SALESTAX-MEASURE	\$ 6,199						\$ 6,199
Total Programmed Funding:								\$ 14,799

TIP ID: **ALA130032** County: Alameda System: Transit RTP ID: 240182 CTIPS ID: 20600005765  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART Metro Priority Track Elements  
 Description: BART: In Lafayette, Dublin and Millbrae: Provide three critical track extensions in order to provide the BART system with additional operational flexibility and additional capacity, all within existing right-of-way.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL		\$ 2,213					\$ 2,213
PE	STP	\$ 1,539						\$ 1,539
CON	CMAQ	\$ 40						\$ 40
CON	OTHER LOCAL		\$ 2,828					\$ 2,828
CON	STP	\$ 1,880						\$ 1,880
Total Programmed Funding:								\$ 8,500

TIP ID: **ALA150030** County: Alameda System: Transit RTP ID: 94525 CTIPS ID: 20600005970  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Ladders of Opportunity - Careers in Transit  
 Description: BART: Implement new Transit Career Ladders Training Program to improve training access for traditionally underrepresented individuals by developing streamlined pathways into transportation employment  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER FEDERAL	\$ 750						\$ 750
CON	OTHER LOCAL	\$ 750						\$ 750
Total Programmed Funding:								\$ 1,500



Bay Area Rapid Transit District (BART)

TIP ID: **BRT030004** County: Regional System: Transit RTP ID: 94525 CTIPS ID: 20600002658  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART Train Control Renovation  
 Description: BART: Replace obsolete elements and subsystems of the train control system.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	BT	\$ 400						\$ 400
CON	5307	\$ 31,702						\$ 31,702
CON	5309	\$ 78,297						\$ 78,297
CON	5337	\$ 50,000						\$ 50,000
CON	BT	\$ 10,278						\$ 10,278
CON	OTHER LOCAL	\$ 31,800						\$ 31,800
CON	PROP	\$ 17,500						\$ 17,500
Total Programmed Funding:								\$ 219,977

TIP ID: **BRT030005** County: Regional System: Transit RTP ID: 94525 CTIPS ID: 20600002659  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART: Traction Power System Renovation  
 Description: BART: System wide: Replace obsolete elements and subsystems of the traction power system to maintain and improve reliability and safety  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	BT	\$ 1,722						\$ 1,722
CON	5307	\$ 11,603						\$ 11,603
CON	5309	\$ 93,217						\$ 93,217
CON	5337	\$ 43,000						\$ 43,000
CON	BT	\$ 4,000						\$ 4,000
CON	OTHER LOCAL	\$ 29,783						\$ 29,783
Total Programmed Funding:								\$ 183,325

TIP ID: **BRT97100B** County: Regional System: Transit RTP ID: 94525 CTIPS ID: 20600003700  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART: Rail, Way and Structures Program  
 Description: BART: Systemwide; Replace worn out mainline rail and make other timely reinvestments in way.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 28,450						\$ 28,450
CON	5309	\$ 81,094						\$ 81,094
CON	5337	\$ 45,902						\$ 45,902
CON	BT	\$ 4,000						\$ 4,000
CON	OTHER LOCAL	\$ 31,886						\$ 31,886
Total Programmed Funding:								\$ 191,331

TIP ID: **BRT99T01B** County: Regional System: Transit RTP ID: 94525 CTIPS ID: 20600003701  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: ADA Paratransit Capital Accessibility Improve  
 Description: BART: At various stations: Capital Access Improvements Program including, station elevator improvements, installation of hands-free emergency telephones, and tactile stair tread replacement  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 29,903						\$ 29,903
CON	5337	\$ 2,727						\$ 2,727
CON	BT	\$ 1,000						\$ 1,000
CON	OTHER LOCAL	\$ 7,185						\$ 7,185
Total Programmed Funding:								\$ 40,816





Bay Area Rapid Transit District (BART)

TIP ID: **CC-050025** County: Contra Costa System: Transit RTP ID: 21211 CTIPS ID: 20600003385  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: E-BART - East Contra Costa Rail Extension  
 Description: Pittsburg/Antioch: East Contra Costa County; Extend Rail Service from the Pittsburg/Bay Point Station into eastern Contra Costa County  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	BT	\$ 16,650						\$ 16,650	
ENV	OTHER LOCAL	\$ 1,000						\$ 1,000	
ENV	RIP	\$ 250						\$ 250	
ENV	TCRP	\$ 5,000						\$ 5,000	
PSE	BT	\$ 26,700						\$ 26,700	
PSE	PROP	\$ 9,000						\$ 9,000	
ROW	AB1171-AB144	\$ 75,890						\$ 75,890	
ROW	BT	\$ 30,500						\$ 30,500	
CON	AB1171-AB144	\$ 39,110						\$ 39,110	
CON	BT	\$ 74,150						\$ 74,150	
CON	OTHER LOCAL	\$ 19,000						\$ 19,000	
CON	PROP	\$ 27,661						\$ 27,661	
CON	SALESTAX-MEASURE	\$ 135,000						\$ 135,000	
Total Programmed Funding:								\$ 459,911	

TIP ID: **CC-110082** County: Contra Costa System: Transit RTP ID: 240457 CTIPS ID: 20600005319  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Walnut Creek BART TOD Access Improvements  
 Description: Walnut Creek: In the vicinity of the Walnut Creek BART Station: construct public access improvements that are part of the proposed transit-oriented development  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	OTHER LOCAL			\$ 3,850				\$ 3,850	
CON	RIP			\$ 5,300				\$ 5,300	
Total Programmed Funding:								\$ 9,150	

TIP ID: **CC-130002** County: Contra Costa System: Transit RTP ID: 21211 CTIPS ID: 20600005548  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: eBART Railroad Avenue Station  
 Description: Pittsburg: on eBART corridor at Railroad Ave: Design and construction of station  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 4 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PSE	BT	\$ 500						\$ 500	
PSE	OTHER LOCAL	\$ 500						\$ 500	
PSE	SALESTAX-MEASURE	\$ 500						\$ 500	
CON	OTHER LOCAL		\$ 9,500					\$ 9,500	
CON	SALESTAX-MEASURE		\$ 2,400					\$ 2,400	
Total Programmed Funding:								\$ 13,400	

TIP ID: **CC-130048** County: Regional System: Transit RTP ID: 94525 CTIPS ID: 20600005819  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART Station Modernization Program  
 Description: All BART Stations: Implement station access improvements, upgrade of lighting, elevator, escalator, stairs, railings, station agent booth, roof, walls, painting, and noise reduction.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,918,472

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PSE	PROP	\$ 3,500						\$ 3,500	
CON	PROP	\$ 201,751						\$ 201,751	
CON	RIP						\$ 16,726	\$ 16,726	
CON	FED-DISC	\$ 6,322						\$ 6,322	
Total Programmed Funding:								\$ 16,726	\$ 228,298



Bay Area Rapid Transit District (BART)

TIP ID: **CC-150019** County: Contra Costa System: Transit RTP ID: 94525 CTIPS ID: 20600006064  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Concord Yard Wheel Truing Facility  
 Description: BART: Concord Yard: Construct a wheel truing facility which will house a dual-guage wheel truing machine to service both BART and eBART vehicle wheels.  
 Air Quality Exempt Code: 2.04 - EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 821,877

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 928						\$ 928
CON	OTHER LOCAL		\$ 5,906					\$ 5,906
CON	STP		\$ 7,165					\$ 7,165
Total Programmed Funding:			\$ 13,072					\$ 14,000

TIP ID: **REG050020** County: Regional System: Transit RTP ID: 94525 CTIPS ID: 20600003832  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART Car Exchange (Preventive Maintenance)  
 Description: BART: Preventive maintenance program, including maintenance of rail cars and other system components in exchange for local funds to the BART car replacement reserve.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 69,143						\$ 69,143
CON	5309	\$ 1,000						\$ 1,000
CON	5337	\$ 228,961						\$ 228,961
CON	OTHER LOCAL	\$ 87,232						\$ 87,232
CON	RTP-LRP						\$ 194,491	\$ 194,491
CON	STP	\$ 93,558						\$ 93,558
Total Programmed Funding:							\$ 194,491	\$ 674,385

TIP ID: **REG090037** County: Regional System: Transit RTP ID: 94525 CTIPS ID: 20600004447  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART: Railcar Procurement Program  
 Description: BART: Procure 790 Railcars (includes the replacement of 669 Railcars)  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 44,060						\$ 44,060
CON	5309	\$ 22,566						\$ 22,566
CON	5337	\$ 2,000						\$ 2,000
CON	OTHER LOCAL	\$ 170,752		\$ 229,264	\$ 279,107			\$ 679,123
CON	RTP-LRP						\$ 1,280,323	\$ 1,280,323
Total Programmed Funding:				\$ 229,264	\$ 279,107		\$ 1,280,323	\$ 2,028,072

TIP ID: **REG150005** County: Regional System: Transit RTP ID: 21011 CTIPS ID: 20600005971  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Transit-Oriented Development Pilot Planning Progra  
 Description: Oakland and San Francisco: Develop a comprehensive TOD strategy that fills the remaining gaps in transportation management and development implementation in the Transbay corridor  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER FEDERAL	\$ 1,100						\$ 1,100
PE	OTHER LOCAL	\$ 320						\$ 320
Total Programmed Funding:								\$ 1,420



Bay Area Rapid Transit District (BART)

TIP ID: **SF-050014** County: San Francisco System: Transit RTP ID: 94525 CTIPS ID: 20600003461  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART/MUNI Direct Connection Platform  
 Description: BART/MUNI: Powell Street Station: Provide a direct connection between BART & MUNI.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	BT		\$ 3,000					\$ 3,000
Total Programmed Funding:			\$ 3,000					\$ 3,000

TIP ID: **SF-110044** County: San Francisco System: Transit RTP ID: 94525 CTIPS ID: 20600005373  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Regional Real-Time Transit Information at BART  
 Description: In downtown Oakland and downtown San Francisco: at six key intermodal BART stations: add additional real time transit information displays  
 Air Quality Exempt Code: 4.11 - EXEMPT (40 CFR 93.126) - Directional and informational signs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 440						\$ 440
CON	5309	\$ 3,168						\$ 3,168
CON	OTHER LOCAL	\$ 792						\$ 792
Total Programmed Funding:								\$ 4,400

TIP ID: **SM-050005** County: San Mateo System: Transit RTP ID: 94525 CTIPS ID: 20600002962  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: BART: Preventive Maintenance  
 Description: BART: Systemwide; Preventive Maintenance  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 21,886						\$ 21,886
CON	OTHER LOCAL	\$ 5,472						\$ 5,472
CON	ST-STP	\$ 5,856						\$ 5,856
Total Programmed Funding:								\$ 33,214

TIP ID: **SM-130029** County: San Mateo System: Transit RTP ID: 94525 CTIPS ID: 20600005817  
 Sponsor: Bay Area Rapid Transit District (BART) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: Daly City BART Station Intermodal Improvements  
 Description: Daly City: At Daly City BART Station: Improve transit operations; pedestrian & bicycle access; and safety & patron experience  
 Air Quality Exempt Code: 5.06 - EXEMPT (40 CFR 93.127) - Bus terminals and transfer points  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	SALESTAX-MEASURE	\$ 550						\$ 550
CON	PROP		\$ 350					\$ 350
CON	RIP		\$ 200					\$ 200
Total Programmed Funding:			\$ 550					\$ 1,100

End of section





Transit Projects

Caltrain

TIP ID: **REG090051** County: Regional System: Transit RTP ID: 22481 CTIPS ID: 20600004495  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain: Revenue Vehicle Rehab Program  
 Description: Caltrain: Systemwide: The Revenue Vehicle Rehab Program provides overhauls and repairs/replacements to key components of the Caltrain rolling stock to maintain it in a state of good repair and to extend the useful life of the fleet.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 6,697						\$ 6,697
CON	5309	\$ 13						\$ 13
CON	5337	\$ 166						\$ 166
CON	OTHER LOCAL	\$ 1,720						\$ 1,720
Total Programmed Funding:								\$ 8,596

TIP ID: **REG110030** County: Regional System: Transit RTP ID: 21627 CTIPS ID: 20600005315  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain Positive Train Control System  
 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.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	5307	\$ 11,280						\$ 11,280
PE	OTHER FEDERAL	\$ 17,250						\$ 17,250
PE	OTHER LOCAL	\$ 8,760						\$ 8,760
PE	PROP	\$ 9,260						\$ 9,260
PE	SALESTAX-MEASURE	\$ 6,300						\$ 6,300
CON	5307	\$ 7,309						\$ 7,309
CON	5309	\$ 8,844						\$ 8,844
CON	FED-DISC	\$ 2,830						\$ 2,830
CON	OTHER LOCAL	\$ 55,067						\$ 55,067
CON	PROP	\$ 104,100						\$ 104,100
Total Programmed Funding:								\$ 231,000

TIP ID: **REG150006** County: Regional System: Transit RTP ID: 22481 CTIPS ID: 20600005974  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain Station Management Toolbox  
 Description: Caltrain: Systemwide: Develop tools to plan for transit-oriented development and multi-modal access improvements along the corridor. (Other Federal funds are FTA TOD Planning Program funds)  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER FEDERAL	\$ 600						\$ 600
PE	OTHER LOCAL	\$ 150						\$ 150
Total Programmed Funding:								\$ 750



Transit Projects

Caltrain

TIP ID: **SF-010028** County: San Mateo System: Transit RTP ID: 21627 CTIPS ID: 20600002151  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain Electrification  
 Description: Caltrain: From San Francisco to Gilroy: Electrification of the caltrain corridor from San Francisco to Tamien, including catenary poles, wires, power supply, track and signals, and Electric Multiple Units (EMU's).  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	5309	\$ 3,660						\$ 3,660
ENV	OTHER LOCAL	\$ 2,455						\$ 2,455
ENV	STP	\$ 12,000						\$ 12,000
PE	5309	\$ 72,957						\$ 72,957
PE	OTHER LOCAL	\$ 8,545						\$ 8,545
PSE	5337	\$ 5,235						\$ 5,235
PSE	CMAQ	\$ 4,000						\$ 4,000
PSE	OTHER LOCAL	\$ 1,309						\$ 1,309
PSE	PROP	\$ 4,500						\$ 4,500
CON	5337		\$ 22,620					\$ 22,620
CON	CARB	\$ 20,000						\$ 20,000
CON	OTHER LOCAL		\$ 10,627					\$ 10,627
CON	PROP	\$ 200,400	\$ 119,500	\$ 295,600				\$ 615,500
CON	RTP-LRP						\$ 828,593	\$ 828,593
Total Programmed Funding:			\$ 152,747	\$ 295,600			\$ 828,593	\$ 1,612,000

TIP ID: **SM-010054** County: San Mateo System: Transit RTP ID: 22481 CTIPS ID: 20600002273  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: San Mateo Bridges Replacement  
 Description: City of San Mateo: Caltrain Corridor - Reconstruct existing Poplar, Santa Inez, Monte Diablo and Tilton railroad grade separation structures, including replacing the bridge decks, project is phased  
 Air Quality Exempt Code: 1.01 - EXEMPT (40 CFR 93.126) - Railroad/highway crossing  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 190						\$ 190
ENV	TCRP	\$ 250						\$ 250
PE	OTHER LOCAL	\$ 72						\$ 72
PSE	OTHER LOCAL	\$ 1,900						\$ 1,900
PSE	TCRP	\$ 3,000						\$ 3,000
CON	5337	\$ 11,608						\$ 11,608
CON	OTHER LOCAL	\$ 2,902						\$ 2,902
CON	PROP	\$ 10,445						\$ 10,445
CON	RTP-LRP						\$ 1,211	\$ 1,211
CON	TCRP	\$ 11,000						\$ 11,000
Total Programmed Funding:							\$ 1,211	\$ 42,577

TIP ID: **SM-03006B** County: Regional System: Transit RTP ID: 22481 CTIPS ID: 20600003912  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain: Systemwide Track Rehab & Related Struct.  
 Description: Caltrain: Replace jointed rail and upgrade existing main line track and related civil structures on the Caltrain Corridor.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 10,378						\$ 10,378
CON	5309	\$ 64,679						\$ 64,679
CON	5337	\$ 17,683						\$ 17,683
CON	BT	\$ 2,167						\$ 2,167
CON	OTHER LOCAL	\$ 18,312						\$ 18,312
CON	SALESTAX-MEASURE	\$ 5,098						\$ 5,098
Total Programmed Funding:								\$ 118,316



Transit Projects

Caltrain

TIP ID: **SM-050040** County: San Mateo System: Transit RTP ID: 22481 CTIPS ID: 20600003625  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain: ADA Operating Set-aside  
 Description: Caltrain: ADA Paratransit Operating assistance set-aside  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 79						\$ 79
CON	OTHER LOCAL	\$ 1,462						\$ 1,462
Total Programmed Funding:								\$ 1,542

TIP ID: **SM-050041** County: Regional System: Transit RTP ID: 22481 CTIPS ID: 20600003626  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain: Signal/Communication Rehab. & Upgrades  
 Description: Caltrain: Systemwide: Rehabilitate existing signal system and upgrade/replace communication equipment.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 9,495						\$ 9,495
CON	5309	\$ 20,751						\$ 20,751
CON	5337	\$ 1,713						\$ 1,713
CON	OTHER LOCAL	\$ 8,210						\$ 8,210
Total Programmed Funding:								\$ 40,169

TIP ID: **SM-070008** County: San Mateo System: Transit RTP ID: 240048 CTIPS ID: 20600003930  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain South Terminal Phase II and III  
 Description: Phase II of this project is to construct an additional mainline track and new signal controls just north of Diridon Station. Phase III is to install an additional mainline track and signal controls just south of Diridon Station.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	5309	\$ 1,200						\$ 1,200
PE	OTHER LOCAL	\$ 300						\$ 300
CON	PROP		\$ 14,000					\$ 14,000
Total Programmed Funding:								\$ 15,500

TIP ID: **SM-130026** County: San Mateo System: Transit RTP ID: 22481 CTIPS ID: 20600005771  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Caltrain Control Point Installation  
 Description: Caltrain mainline: In San Carlos: Install a new control point (rail crossover)  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 1,000						\$ 1,000
PE	STP	\$ 1,376						\$ 1,376
CON	OTHER LOCAL	\$ 190						\$ 190
CON	RTP-LRP						\$ 945	\$ 945
CON	STP	\$ 1,465						\$ 1,465
Total Programmed Funding:								\$ 945 \$ 4,976



Transit Projects

Caltrain

TIP ID: **SM-130027** County: San Mateo System: Transit RTP ID: 22481 CTIPS ID: 20600005773  
 Sponsor: Caltrain Implementing Agency: Peninsula Corridor Joint Powers Board  
 Project Name: Caltrain Off-peak Marketing Campaign  
 Description: Caltrain: Systemwide: Undertake a marketing campaign targeting off-peak ridership  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL	\$ 6						\$ 6
CON	STP	\$ 44						\$ 44
Total Programmed Funding:								\$ 50

TIP ID: **SM-150007** County: San Mateo System: Transit RTP ID: 22481 CTIPS ID: 20600005959  
 Sponsor: Caltrain Implementing Agency: Caltrain  
 Project Name: Map Based Real-Time Train Display for Caltrain.com  
 Description: Caltrain: Provide map based real-time displays for customers on caltrain.com, and provide open-data for third-party developers.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL	\$ 6						\$ 6
CON	STP	\$ 44						\$ 44
Total Programmed Funding:								\$ 50

End of section







**GOLDEN GATE BRIDGE**  
HIGHWAY & TRANSPORTATION DISTRICT

Golden Gate Bridge, Highway and Transit District

TIP ID: **MRN010035** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600002266  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: ACIS Radio Communications System  
 Description: GGBHTD: Replace radio communications system on agency's bus fleet.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 10,743						\$ 10,743
CON	CMAQ	\$ 234						\$ 234
CON	OTHER LOCAL	\$ 9,194	\$ 107					\$ 9,302
CON	PROP	\$ 493						\$ 493
CON	STP		\$ 829					\$ 829
Total Programmed Funding:			\$ 936					\$ 21,600

TIP ID: **MRN030010** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600002897  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD: Fixed Guideway Connectors  
 Description: Golden Gate Ferry: This project will replace/rehab fixed guideway connectors such as floats, floating barges, ramps, and gangways throughout the system.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	1064	\$ 11,931						\$ 11,931
CON	5307	\$ 2,058						\$ 2,058
CON	5309	\$ 9,542						\$ 9,542
CON	5337	\$ 4,000						\$ 4,000
CON	FED-DISC	\$ 3,200						\$ 3,200
CON	OTHER LOCAL	\$ 7,565						\$ 7,565
Total Programmed Funding:								\$ 38,296

TIP ID: **MRN050025** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600003591  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD: Facilities Rehabilitation  
 Description: GGBHTD: Rehabilitate agency's maintenance and operating facilities and replace heavy duty operating and maintenance equipment.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	1064	\$ 2,400						\$ 2,400
CON	5307	\$ 13,220						\$ 13,220
CON	OTHER LOCAL	\$ 4,270						\$ 4,270
Total Programmed Funding:								\$ 19,890

TIP ID: **MRN110045** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600005482  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD: Replace 7 - 40' Diesel Buses  
 Description: GGBHTD: Replace seven (7) 40' Diesel Buses  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 3,008						\$ 3,008
CON	OTHER LOCAL	\$ 752						\$ 752
Total Programmed Funding:								\$ 3,760



Golden Gate Bridge, Highway and Transit District

TIP ID: **MRN130001** County: Marin System: Transit RTP ID: 240034 CTIPS ID: 20600005346  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: Larkspur Ferry Terminal Parking Garage  
 Description: In Larkspur: At the Larkspur Ferry Terminal (LFT): construct a new three story parking structure  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL			\$ 500				\$ 500	
CON	RTP-LRP						\$ 3,500	\$ 3,500	
Total Programmed Funding:				\$ 500			\$ 3,500	\$ 4,000	

TIP ID: **MRN130015** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600005818  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD - Transit Systems Enhancements  
 Description: GGBHTD: Systemwide: systems, technology and communication enhancements to transit fleet and facilities.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307	\$ 1,811						\$ 1,811	
CON	OTHER LOCAL	\$ 453						\$ 453	
Total Programmed Funding:								\$ 2,264	

TIP ID: **MRN150005** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600005936  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: MS Sonoma Ferry Boat Refurbishment  
 Description: GGBHTD: MS Sonoma: Refurbish 38-year old ferry vessel  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307		\$ 8,000					\$ 8,000	
CON	OTHER FEDERAL	\$ 6,665						\$ 6,665	
CON	PROP	\$ 1,666	\$ 3,162					\$ 4,829	
CON	STP		\$ 1,171					\$ 1,171	
Total Programmed Funding:			\$ 12,334					\$ 20,665	

TIP ID: **MRN150006** County: Marin System: Transit RTP ID: 240735 CTIPS ID: 20600005957  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD: Bldg Ridership to Meet Capacity Campaign  
 Description: Golden Gate Bridge, Highway and Transportation District: Systemwide: Begin several marketing campaigns in the next year focusing on promoting Golden Gate Transit and Golden Gate Ferry use  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	CMAQ	\$ 177	\$ 210					\$ 387	
CON	OTHER LOCAL	\$ 23	\$ 27					\$ 50	
Total Programmed Funding:			\$ 238					\$ 438	

TIP ID: **MRN150007** County: Marin System: Transit RTP ID: 240735 CTIPS ID: 20600005962  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD: On-Board Bus and Ferry Surveys  
 Description: GGBHTD: Systemwide: Conduct survey of bus and ferry passengers to collect ridership and socioeconomic data, required to support equity analyses for Title VI for fare or major service changes.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	OTHER LOCAL		\$ 52					\$ 52	
CON	STP	\$ 403						\$ 403	
Total Programmed Funding:			\$ 52					\$ 455	



Golden Gate Bridge, Highway and Transit District

TIP ID: **MRN150014** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600006057  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD Ferry Major Components Rehab  
 Description: GGBHTD: Systemwide: Ferry Rehab, replace major ferry components such as navigation systems, dry-dock, hull, interior, life saving equipment, propulsion and other ferry components.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5337		\$ 500					\$ 500
CON	OTHER FEDERAL		\$ 2,200					\$ 2,200
CON	OTHER LOCAL		\$ 675					\$ 675
Total Programmed Funding:			\$ 3,375					\$ 3,375

TIP ID: **MRN150015** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600006058  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: GGBHTD Ferry Propulsion Systems Replacement  
 Description: GGBHTD: Systemwide: Ferry propulsion systems: replacement of power distribution systems, propellers, engines, generators, gear boxes, etc. for Golden Gate Ferry vessels.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5337	\$ 500						\$ 500
CON	OTHER LOCAL	\$ 125						\$ 125
Total Programmed Funding:			\$ 625					\$ 625

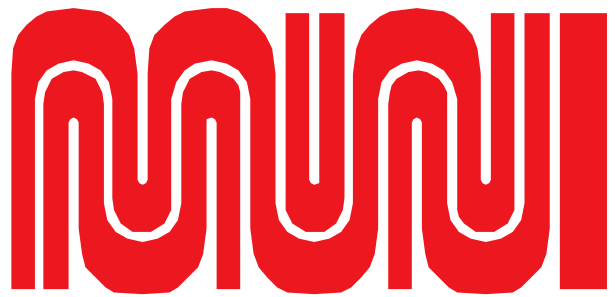
TIP ID: **MRN990017** County: Marin System: Transit RTP ID: 94572 CTIPS ID: 20600001104  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: Ferry channel & berth dredging  
 Description: Golden Gate Ferry: From San Francisco to Marin County; Dredge ferry channel and berth.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 6,969						\$ 6,969
CON	5309	\$ 9,604						\$ 9,604
CON	5337	\$ 4,200						\$ 4,200
CON	OTHER LOCAL	\$ 5,371						\$ 5,371
Total Programmed Funding:			\$ 26,144					\$ 26,144

End of section



The page left Intentionally blank



**San Francisco Municipal Railway**

San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-010037** County: San Francisco System: Transit RTP ID: 21510 CTIPS ID: 20600002267  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SF Muni Third St LRT Phase 2 - New Central Subway  
 Description: San Francisco: North-south alignment under 4th St. to Market, then under Geary to Stockton & under Stockton to Clay St; Extend the Light Rail line project includes procurement of four LRVs.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	5309	\$ 36,311						\$ 36,311
ENV	SALESTAX-MEASURE	\$ 4,142						\$ 4,142
ENV	TCRP	\$ 5,000						\$ 5,000
PSE	5309	\$ 47,690						\$ 47,690
PSE	CMAQ	\$ 14,328						\$ 14,328
PSE	PROP	\$ 15,244						\$ 15,244
PSE	SALESTAX-MEASURE	\$ 27,119						\$ 27,119
PSE	TCRP	\$ 9,000						\$ 9,000
ROW	PROP	\$ 34,777						\$ 34,777
CON	5309	\$ 672,529	\$ 150,000		\$ 35,669			\$ 858,199
CON	CMAQ	\$ 26,697						\$ 26,697
CON	OTHER LOCAL	\$ 75,502						\$ 75,502
CON	PROP	\$ 319,078						\$ 319,078
CON	RIP	\$ 12,498						\$ 12,498
CON	SALESTAX-MEASURE	\$ 92,414						\$ 92,414
Total Programmed Funding:			\$ 150,000		\$ 35,669			\$ 1,578,000

TIP ID: **SF-030013** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600002867  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Wayside Fare Collection Equipment  
 Description: Muni: Replacement of life-expired fare collection equipment.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 11,394						\$ 11,394
CON	5309	\$ 18,209						\$ 18,209
CON	5337	\$ 2,000						\$ 2,000
CON	BT	\$ 512						\$ 512
CON	OTHER LOCAL	\$ 7,701						\$ 7,701
CON	PROP	\$ 1,000						\$ 1,000
CON	SALESTAX-MEASURE	\$ 500						\$ 500
Total Programmed Funding:								\$ 41,316

TIP ID: **SF-050024** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600003616  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA:Train Control & Trolley Signal Rehab/Replace  
 Description: SFMTA: Rehabilitate or replace elements of the Wayside/Central Train Control & trolley Signal Systems.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5309	\$ 35,262						\$ 35,262
CON	5337	\$ 10,000						\$ 10,000
CON	BT	\$ 730						\$ 730
CON	OTHER LOCAL	\$ 5,903						\$ 5,903
CON	PROP	\$ 6,000						\$ 6,000
CON	SALESTAX-MEASURE	\$ 6,912						\$ 6,912
CON	XTRAN	\$ 712						\$ 712
Total Programmed Funding:								\$ 65,520



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-050034** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600003882  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Light Rail Vehicle Overhaul Program  
 Description: Muni: Systematic overhaul of all light rail vehicles components in agency fleet.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PSE	5309	\$ 565						\$ 565	
PSE	OTHER LOCAL	\$ 141						\$ 141	
CON	5307	\$ 12,003						\$ 12,003	
CON	5309	\$ 8,001						\$ 8,001	
CON	BT	\$ 1,335						\$ 1,335	
CON	OTHER LOCAL	\$ 16,239						\$ 16,239	
CON	PROP	\$ 8,803	\$ 700					\$ 9,503	
CON	STP	\$ 14,407	\$ 5,337					\$ 19,744	
Total Programmed Funding:			\$ 6,037					\$ 67,531	

TIP ID: **SF-070003** County: San Francisco System: Transit RTP ID: 22415 CTIPS ID: 20600003896  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Historic Streetcar Extension to Fort Mason  
 Description: San Francisco: From Fisherman's Wharf through National Park Service lands in Aquatic Park to Fort Mason; Extend the E-line or the current F-line service.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	RTP-LRP						\$ 24,148	\$ 24,148	
PE	SALESTAX-MEASURE	\$ 41	\$ 41	\$ 302				\$ 384	
CON	RTP-LRP						\$ 43,998	\$ 43,998	
Total Programmed Funding:			\$ 41	\$ 302			\$ 68,146	\$ 68,530	

TIP ID: **SF-070005** County: San Francisco System: Transit RTP ID: 230161 CTIPS ID: 20600003898  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Van Ness Avenue Bus Rapid Transit  
 Description: Muni: On Van Ness Avenue from Mission to Lombard; Design and implement a BRT project. Project is phased. Project also references RTP IDs 240745 and 240471  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 4.71 Post Mile To: 6.71 Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	5309	\$ 7,031						\$ 7,031	
ENV	OTHER LOCAL	\$ 200						\$ 200	
ENV	SALESTAX-MEASURE	\$ 6,977						\$ 6,977	
PSE	5309	\$ 6,371						\$ 6,371	
PSE	OTHER LOCAL	\$ 2,100						\$ 2,100	
PSE	SALESTAX-MEASURE	\$ 1,594						\$ 1,594	
CON	5309	\$ 61,598						\$ 61,598	
CON	AC		\$ 7,305					\$ 7,305	
CON	OTHER LOCAL	\$ 41,608	\$ 32,485					\$ 74,093	
CON	SALESTAX-MEASURE	\$ 27,731						\$ 27,731	
Total Programmed Funding:			\$ 39,790					\$ 195,000	





San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-070045** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600004160  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Trolley Coach Replacement  
 Description: SFMTA: Replace 60, 1994 60' articulated Trolley Coaches with either Motor Coaches or Trolley Coaches.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	5307	\$ 1,175					\$ 1,175
CON	5309	\$ 65,367					\$ 65,367
CON	5337	\$ 12,677					\$ 12,677
CON	BT	\$ 2,350					\$ 2,350
CON	OTHER LOCAL	\$ 100					\$ 100
CON	SALESTAX-MEASURE	\$ 31,046					\$ 31,046
CON	STP	\$ 5,502					\$ 5,502
Total Programmed Funding:							\$ 118,218

TIP ID: **SF-090012** County: San Francisco System: Transit RTP ID: 240309 CTIPS ID: 20600004361  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Additional Light Rail Vehicles to Expand Muni Rail  
 Description: SFMTA: Procure 20 expansion light rail vehicles (LRVs).  
 Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	CMAQ	\$ 10,228					\$ 10,228
CON	OTHER LOCAL					\$ 2,000	\$ 2,000
CON	RTP-LRP					\$ 122,242	\$ 122,242
CON	SALESTAX-MEASURE	\$ 2,000					\$ 2,000
Total Programmed Funding:							\$ 136,470

TIP ID: **SF-090016** County: San Francisco System: Transit RTP ID: 240147 CTIPS ID: 20600004316  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Transit Center in Hunters Point  
 Description: Muni: Transit Center in Hunters Point; Construct 10 bays, Low-level platform, Operator restroom, bus shelters, Electrical ductbank for MUNI power, etc  
 Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	OTHER LOCAL	\$ 1,400					\$ 1,400
PE	PRIVATE	\$ 2,000					\$ 2,000
ROW	OTHER LOCAL	\$ 2,900					\$ 2,900
CON	PRIVATE				\$ 2,000		\$ 2,000
CON	RTP-LRP					\$ 13,700	\$ 13,700
Total Programmed Funding:							\$ 22,000

TIP ID: **SF-090018** County: San Francisco System: Transit RTP ID: 240309 CTIPS ID: 20600004367  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Oakdale-Palou Interim High-Capacity Bus Corridor  
 Description: Muni: Transit Preferential improvements for the Palou Avenue corridor, including bus bulbs, up to six traffic signals with transit signal priority, new bus shelters and pedestrian safety treatments.  
 Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	OTHER LOCAL	\$ 3,000					\$ 3,000
ROW	OTHER LOCAL	\$ 2,000					\$ 2,000
CON	RTP-LRP					\$ 17,000	\$ 17,000
Total Programmed Funding:							\$ 22,000



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-090019** County: San Francisco System: Transit RTP ID: 240147 CTIPS ID: 20600004315  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Extended Trolleybus Service into Hunters Point  
 Description: SFMTA: Procure 10 electric trolley vehicles and construct 1 mile overhead wire infrastructure to extend High-Capacity Bus Service from existing transit corridor in the Bayview to Hunters Point (24 Divisadero line)  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	XTRAN	\$ 700						\$ 700	
ROW	XTRAN	\$ 2,000						\$ 2,000	
CON	RTP-LRP						\$ 48,300	\$ 48,300	
Total Programmed Funding:								\$ 48,300	\$ 51,000

TIP ID: **SF-090020** County: San Francisco System: Transit RTP ID: 240147 CTIPS ID: 20600004314  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Geneva Harney BRT Infrastructure: Central Segment  
 Description: SFMTA: From Executive Park/Harney Way under US 101 to SF/Daly City line on Geneva Avenue: Construct bus rapid transit facilities  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	OTHER LOCAL		\$ 1,085					\$ 1,085	
PE	OTHER LOCAL			\$ 2,000				\$ 2,000	
PSE	OTHER LOCAL				\$ 4,800			\$ 4,800	
PSE	RTP-LRP						\$ 4,800	\$ 4,800	
PSE	SALESTAX-MEASURE	\$ 1,315						\$ 1,315	
CON	OTHER LOCAL					\$ 900		\$ 900	
CON	RTP-LRP						\$ 28,100	\$ 28,100	
Total Programmed Funding:								\$ 32,900	\$ 43,000

TIP ID: **SF-090023** County: San Francisco System: Transit RTP ID: 240147 CTIPS ID: 20600004363  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Geneva Harney BRT Infrastructure: Eastern Segment  
 Description: SFMTA: Bayview and Hunters Point: from Executive Park/Harney Way to Hunters Point Transit Center via Candlestick/Hunters Pt. Shipyard development: Construct extension of Geneva Harney BRT. Project also references RTP ID 240328  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	OTHER LOCAL	\$ 1,000						\$ 1,000	
ENV	RTP-LRP						\$ 17,205	\$ 17,205	
PE	PRIVATE			\$ 1,000				\$ 1,000	
CON	OTHER LOCAL					\$ 2,000		\$ 2,000	
CON	RTP-LRP						\$ 76,910	\$ 76,910	
Total Programmed Funding:								\$ 94,115	\$ 98,115

TIP ID: **SF-090031** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600004470  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SF Muni - Preventive Maintenance  
 Description: SF Muni - Preventive Maintenance  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307	\$ 7,000						\$ 7,000	
CON	OTHER LOCAL	\$ 1,958						\$ 1,958	
CON	ST-STP	\$ 4,535						\$ 4,535	
CON	STP	\$ 1,600						\$ 1,600	
Total Programmed Funding:									\$ 15,093



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-090032** County: San Francisco System: Transit RTP ID: 240171 CTIPS ID: 20600004500  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Muni Forward Capital Implementation Program  
 Description: SFMTA: Design and construction of investments focused on reliability improvements, travel time reductions, and Muni route updates. This is a phased project.

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 500						\$ 500
PSE	OTHER LOCAL	\$ 11,124						\$ 11,124
PSE	SALESTAX-MEASURE	\$ 14,225	\$ 2,754					\$ 16,979
CON	5307	\$ 4,899						\$ 4,899
CON	CMAQ	\$ 12,124						\$ 12,124
CON	OTHER LOCAL	\$ 123,735	\$ 3,000					\$ 126,735
Total Programmed Funding:			\$ 5,754					\$ 172,360

TIP ID: **SF-090035** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600004781  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Paratransit Vehicle Replacements  
 Description: SFMTA: Paratransit service across San Francisco; preserve service and replace 67 paratransit vehicles

Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 8,264						\$ 8,264
CON	OTHER LOCAL	\$ 69						\$ 69
CON	SALESTAX-MEASURE	\$ 3,459						\$ 3,459
Total Programmed Funding:								\$ 11,793

TIP ID: **SF-110010** County: San Francisco System: Transit RTP ID: 240541 CTIPS ID: 20600004874  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA Transportation Asset Management System  
 Description: San Francisco: SFMTA wil implement an Enterprise Asset Management (EAM) system to inventory all of its major assets. By using an EAM system, SFMTA will be able to store data on age, condition, and needs of different asset types.

Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PSE	5309	\$ 2,000						\$ 2,000
CON	5309	\$ 6,800						\$ 6,800
CON	OTHER LOCAL	\$ 11,033						\$ 11,033
CON	SALESTAX-MEASURE	\$ 200						\$ 200
Total Programmed Funding:								\$ 20,033

TIP ID: **SF-110045** County: San Francisco System: Transit RTP ID: 240526 CTIPS ID: 20600005480  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: 8X Customer First Program  
 Description: San Francisco: 8X line: Implement Transit Corridor Improvements including colorizing existing dedicated transit lanes, TSP, wayfinding improvements and transit arrival prediction sign, vehicle branding, enhanced stop identification, and lighting

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	5309	\$ 582						\$ 582
PSE	5309	\$ 1,215						\$ 1,215
PSE	PROP	\$ 1,113						\$ 1,113
CON	5309	\$ 4,555						\$ 4,555
CON	PROP	\$ 4,172						\$ 4,172
Total Programmed Funding:								\$ 11,637



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-110050** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600005488  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Replace 58 40' Neoplan Buses  
 Description: SFMTA: Replace 58 40' Neoplan Buses originally in service in 2002 with 58 40' hybrid buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 26,315						\$ 26,315
CON	5339	\$ 6,909						\$ 6,909
CON	OTHER LOCAL	\$ 2,888						\$ 2,888
CON	SALESTAX-MEASURE	\$ 5,418						\$ 5,418
<b>Total Programmed Funding:</b>								<b>\$ 41,529</b>

TIP ID: **SF-130003** County: San Francisco System: Transit RTP ID: 240545 CTIPS ID: 20600005547  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: 19th Ave. & Parkmerced M-Line Realignment  
 Description: In San Francisco: Extend light rail corridor into Parkmerced development project, add three new light rail stations and facilities. Add rail track and operator support facilities.  
 Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL			\$ 2,000				\$ 2,000
CON	RTP-LRP						\$ 78,940	\$ 78,940
<b>Total Programmed Funding:</b>				<b>\$ 2,000</b>			<b>\$ 78,940</b>	<b>\$ 80,940</b>

TIP ID: **SF-130020** County: San Francisco System: Transit RTP ID: 240309 CTIPS ID: 20600005821  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Purchase 60 foot expansion motor coaches  
 Description: SFMTA: Purchase 35 60 foot expansion motor coaches  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 30,500						\$ 30,500
CON	OTHER FEDERAL	\$ 8,995						\$ 8,995
CON	OTHER LOCAL	\$ 2,249						\$ 2,249
<b>Total Programmed Funding:</b>								<b>\$ 41,744</b>

TIP ID: **SF-150005** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600005912  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA - Replacement of 40' Motor Coaches  
 Description: SFMTA: 40' Neoplan Buses: Replace 40' Neoplan Buses originally in service in 2002 with (85) 40' hybrid buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 13,972	\$ 23,831					\$ 37,803
CON	5339	\$ 13,240						\$ 13,240
CON	BT	\$ 15,965	\$ 5,958					\$ 21,923
CON	SALESTAX-MEASURE	\$ 4,375						\$ 4,375
CON	STP	\$ 10,000						\$ 10,000
<b>Total Programmed Funding:</b>			<b>\$ 29,789</b>					<b>\$ 87,341</b>



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-150006** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600005913  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA Replacement of 60' Motor Coaches  
 Description: SFMTA: 60' Neoplan Buses: Replace 98 60' Neoplan Buses diesel buses originally in service in 2002 with 98 60' hybrid buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 73,783		\$ 23,831				\$ 97,614
CON	SALESTAX-MEASURE	\$ 18,446		\$ 5,958				\$ 24,403
Total Programmed Funding:				\$ 29,789				\$ 122,017

TIP ID: **SF-150007** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600005914  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA Farebox Replacement  
 Description: SFMTA: Systemwide: Refurbish or purchase existing fareboxes and necessary support equipment to improve reliability, functionality, and the overall customer experience.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 3,349						\$ 3,349
CON	OTHER LOCAL	\$ 280						\$ 280
CON	SALESTAX-MEASURE	\$ 557						\$ 557
Total Programmed Funding:								\$ 4,186

TIP ID: **SF-150014** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600006023  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA 30' Motor Coach Mid-Life Overhaul  
 Description: SFMTA: Approximately 86 hybrid coaches: Perform midlife overhauls  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 13,126						\$ 13,126
CON	OTHER LOCAL	\$ 3,281						\$ 3,281
Total Programmed Funding:								\$ 16,407

TIP ID: **SF-150015** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600006024  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Replacement of 40' Trolley Coaches  
 Description: SFMTA: Replace approximately 21 40' ETI electric trolley buses originally in service in 2002 with 21 40' electric trolley buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5337	\$ 20,000						\$ 20,000
CON	OTHER LOCAL	\$ 5,000						\$ 5,000
Total Programmed Funding:								\$ 25,000



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-95037B** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600003911  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SF Muni Rail Replacement Program  
 Description: SFMTA: Systemwide - Phased design and replacement of trackway and related systems serving light rail and cable car lines.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PSE	5307	\$ 1,500					\$ 1,500
CON	5307	\$ 11,701					\$ 11,701
CON	5309	\$ 94,010					\$ 94,010
CON	5337	\$ 42,718					\$ 42,718
CON	BT	\$ 2,091					\$ 2,091
CON	OTHER LOCAL	\$ 24,525					\$ 24,525
CON	PROP	\$ 4,000					\$ 4,000
CON	SALESTAX-MEASURE	\$ 13,508					\$ 13,508
CON	XTRAN	\$ 5,512					\$ 5,512
Total Programmed Funding:							\$ 199,565

TIP ID: **SF-970073** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600000427  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Cable Car Vehicle Renovation Program  
 Description: San Francisco: Rehabilitate up to four Cable Car vehicles in one year - two undergoing reconstruction, one in major overhaul, and one in minor overhaul.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	5307	\$ 8,679					\$ 8,679
CON	5309	\$ 6,142					\$ 6,142
CON	5337	\$ 3,869					\$ 3,869
CON	BT	\$ 2,168					\$ 2,168
CON	OTHER LOCAL	\$ 2,865					\$ 2,865
CON	SALESTAX-MEASURE	\$ 763					\$ 763
CON	TCI	\$ 125					\$ 125
CON	XTRAN	\$ 180					\$ 180
Total Programmed Funding:							\$ 24,791

TIP ID: **SF-970170** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600000432  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: Trolley Overhead Recon. Program  
 Description: San Francisco: LRT: Phased design and replacement of the overhead wires and related traction power system serving light rail and trolley coach lines.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PSE	5309	\$ 1,000					\$ 1,000
PSE	PROP	\$ 250					\$ 250
CON	5307	\$ 38,825					\$ 38,825
CON	5309	\$ 68,029					\$ 68,029
CON	5337	\$ 17,166					\$ 17,166
CON	BT	\$ 7,019					\$ 7,019
CON	OTHER LOCAL	\$ 5,807					\$ 5,807
CON	PROP	\$ 5,750					\$ 5,750
CON	SALESTAX-MEASURE	\$ 7,512					\$ 7,512
CON	STP	\$ 5,612					\$ 5,612
CON	TSM	\$ 183					\$ 183
CON	XTRAN	\$ 8,608					\$ 8,608
Total Programmed Funding:							\$ 165,761



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-990003** County: San Francisco System: Transit RTP ID: 240536 CTIPS ID: 1060000246  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Global Positioning System  
 Description: Muni: Global Positioning System, Central Control, and Radio system replacement project.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5208	\$ 1,987						\$ 1,987
CON	5307	\$ 5,000						\$ 5,000
CON	5309	\$ 2,502						\$ 2,502
CON	5337	\$ 6,600						\$ 6,600
CON	BT	\$ 11,283						\$ 11,283
CON	OTHER LOCAL	\$ 5,029						\$ 5,029
CON	SALESTAX-MEASURE	\$ 1,000						\$ 1,000
CON	XTRAN	\$ 2,525						\$ 2,525
Total Programmed Funding:								\$ 35,927

TIP ID: **SF-990004** County: San Francisco System: Transit RTP ID: 240309 CTIPS ID: 1060000247  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Islais Creek Motor Coach Facility  
 Description: Muni: Islais Creek Motor Coach Facility; Develop a new operating division to replace the Kirkland motor coach operating facility when it is vacated for redevelopment. Phase 2 will construct a Maintenance and Operations Bldg.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	5309	\$ 3,352						\$ 3,352
PE	XTRAN	\$ 838						\$ 838
CON	5307	\$ 2,632						\$ 2,632
CON	5309	\$ 56,772						\$ 56,772
CON	BT	\$ 400						\$ 400
CON	CARB	\$ 500						\$ 500
CON	OTHER LOCAL	\$ 10,468						\$ 10,468
CON	RIP	\$ 3,958						\$ 3,958
CON	SALESTAX-MEASURE	\$ 9,181						\$ 9,181
CON	XTRAN	\$ 32,883						\$ 32,883
Total Programmed Funding:								\$ 120,985

TIP ID: **SF-990022** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600001415  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA: ADA Paratransit operating support  
 Description: Muni: ADA Paratransit Operating Subsidy.; provides funding for increased van/taxi services to people with disabilities who are prevented from using Muni's fixed route services.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 64,880						\$ 64,880
CON	OTHER LOCAL	\$ 14,813						\$ 14,813
CON	SALESTAX-MEASURE	\$ 20,356						\$ 20,356
CON	XTRAN	\$ 117,001						\$ 117,001
Total Programmed Funding:								\$ 217,049



San Francisco Municipal Transport Agency (SFMTA)

TIP ID: **SF-99T002** County: San Francisco System: Transit RTP ID: 94636 CTIPS ID: 20600001467  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Cable Car Traction Power & Guideway Rehab  
 Description: SFMTA: Cable Car Traction Power and Guideway Rehab; Repair various guideway and infrastructure & make improvements to the cable car system.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	5309	\$ 1,000						\$ 1,000
CON	5307	\$ 13,146						\$ 13,146
CON	5309	\$ 36,093						\$ 36,093
CON	5337	\$ 3,000						\$ 3,000
CON	BT	\$ 1,007						\$ 1,007
CON	OTHER LOCAL	\$ 9,446						\$ 9,446
CON	PRIVATE	\$ 1,270						\$ 1,270
CON	SALESTAX-MEASURE	\$ 750						\$ 750
CON	STP	\$ 638						\$ 638
CON	XTRAN	\$ 5,640						\$ 5,640
<b>Total Programmed Funding:</b>								<b>\$ 71,990</b>

End of section





**samTrans**



San Mateo County Transit District (SAMTRANS)

TIP ID: **SM-030023** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600002693  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SAMTRANS: Preventive Maintenance  
 Description: SamTrans: Preventative maintenance program for agency fleet.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 30,194						\$ 30,194
CON	BT	\$ 79						\$ 79
CON	OTHER LOCAL	\$ 2,790						\$ 2,790
CON	SALESTAX-MEASURE	\$ 5,387						\$ 5,387
CON	STP	\$ 17,163						\$ 17,163
Total Programmed Funding:								\$ 55,613

TIP ID: **SM-070049** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600004181  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: Facility/Equipment Rehabilitation/Replacement  
 Description: SAMTRANS: Operating/maintenance facility/equip rehabilitation/replacement, including the provision of facility improvements for admin, maintenance, and operations at the Central Administrative facility, the Brewster Depot, and the North and South Bases  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 656						\$ 656
CON	5309	\$ 746						\$ 746
CON	OTHER LOCAL	\$ 60						\$ 60
CON	PROP	\$ 186						\$ 186
CON	SALESTAX-MEASURE	\$ 104						\$ 104
Total Programmed Funding:								\$ 1,753

TIP ID: **SM-110054** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005266  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: Reconfiguration of San Carlos Transit Center  
 Description: San Carlos Transit Center: Reconfigure and rehabilitate the current transit center to facilitate improved safety and connections between SamTrans fixed-route bus service, Caltrain commuter rail, local shuttles, and pedestrians and bicyclists.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5309	\$ 3,500						\$ 3,500
CON	PROP	\$ 666						\$ 666
CON	SALESTAX-MEASURE	\$ 818						\$ 818
Total Programmed Funding:								\$ 4,984

TIP ID: **SM-110062** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005372  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: Samtrans - Replace 62 1998 Gillig Buses  
 Description: Samtrans: Replace 62-40' 1998 Gillig Buses, which have exceeded their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 17,397						\$ 17,397
CON	5309	\$ 4,950						\$ 4,950
CON	PROP	\$ 7,778						\$ 7,778
CON	SALESTAX-MEASURE	\$ 5,505						\$ 5,505
Total Programmed Funding:								\$ 35,630



San Mateo County Transit District (SAMTRANS)

TIP ID: **SM-110068** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005485  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SAMTRANS: Replacement of Articulated Bus Fleet  
 Description: SAMTRANS: 60' articulated buses: Replace up to 55 2002 60' NABI diesel articulated buses that have exceeded their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 40,157						\$ 40,157
CON	OTHER LOCAL	\$ 8,134						\$ 8,134
CON	PROP	\$ 5,000						\$ 5,000
CON	SALESTAX-MEASURE	\$ 4,425						\$ 4,425
Total Programmed Funding:								\$ 57,716

TIP ID: **SM-130025** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005768  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SamTrans Service Plan (SSP)  
 Description: SamTrans: System-wide: Offset a reduction in price for the Day Pass by \$1.00 and install new signage for new and modified bus routes  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	SALESTAX-MEASURE	\$ 993						\$ 993
Total Programmed Funding:								\$ 993

TIP ID: **SM-150005** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005900  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SAMTRANS: Replacement of 2003 Gillig Buses  
 Description: SAMTRANS: 40' Gillig buses: Replacement of 60 2003 40' Gillig Buses that have reached the end of their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 26,915						\$ 26,915
CON	PROP	\$ 5,000						\$ 5,000
CON	SALESTAX-MEASURE	\$ 1,518						\$ 1,518
Total Programmed Funding:								\$ 33,433

TIP ID: **SM-150008** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005960  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SamTrans - Replacement of Non-Rev Vehicles  
 Description: SamTrans: Non-revenue vehicles: Replace (15) non-revenue service support vehicles  
 Air Quality Exempt Code: 2.02 - EXEMPT (40 CFR 93.126) - Purchase of support vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 616						\$ 616
CON	SALESTAX-MEASURE	\$ 154						\$ 154
Total Programmed Funding:								\$ 770

TIP ID: **SM-150010** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005992  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SamTrans - Replacement of Cutaway Buses  
 Description: SamTrans: Read-i-Wheels Paratransit service: Purchase replacement cutaway buses  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 900						\$ 900
CON	SALESTAX-MEASURE	\$ 198						\$ 198
Total Programmed Funding:								\$ 1,098



San Mateo County Transit District (SAMTRANS)

TIP ID: **SM-150011** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600005993  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SamTrans - Purchase of Replacement Minivans  
 Description: SamTrans: Purchase ten new replacement minivans used for ADA Paratransit service  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 418						\$ 418
CON	SALESTAX-MEASURE	\$ 92						\$ 92
Total Programmed Funding:								\$ 510

TIP ID: **SM-990026** County: San Mateo System: Transit RTP ID: 94666 CTIPS ID: 20600001497  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SAMTRANS: ADA Paratransit Operating Subsidy  
 Description: SamTrans: ADA Paratransit Operating Subsidy.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 8,472						\$ 8,472
CON	OTHER LOCAL	\$ 1,195						\$ 1,195
CON	SALESTAX-MEASURE	\$ 924						\$ 924
Total Programmed Funding:								\$ 10,592

End of section



The page left Intentionally blank



Santa Clara Valley Transportation Authority (VTA)

TIP ID: **BRT030001** County: Santa Clara System: Transit RTP ID: 240375 CTIPS ID: 20600002404  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: BART - Berryessa to San Jose Extension  
 Description: BART: Extend BART from Berryessa Station to San Jose and Santa Clara. (Please see expanded project description for more details.)  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,682,878

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 1,000						\$ 1,000
PSE	RIP			\$ 14,672				\$ 14,672
CON	RTP-LRP						\$ 3,942,628	\$ 3,942,628
CON	SALESTAX-MEASURE			\$ 4,000				\$ 4,000
Total Programmed Funding:				\$ 18,672			\$ 3,942,628	\$ 3,962,300

TIP ID: **SCL050001** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600002923  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Standard & Small Bus Replacement  
 Description: VTA: Standard and Small Bus Replacement  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 64,508						\$ 64,508
CON	5309	\$ 7,390						\$ 7,390
CON	5339	\$ 11,923						\$ 11,923
CON	OTHER LOCAL	\$ 121,229						\$ 121,229
CON	PROP	\$ 5,848						\$ 5,848
Total Programmed Funding:								\$ 210,898

TIP ID: **SCL050002** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600002925  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Rail Replacement Program  
 Description: VTA: Rail Replacement Program throughout the Light Rail system (no rail expansion).  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 1,086						\$ 1,086
CON	5309	\$ 11,025						\$ 11,025
CON	5337	\$ 10,805						\$ 10,805
CON	OTHER LOCAL	\$ 5,805						\$ 5,805
CON	PROP	\$ 1,328						\$ 1,328
Total Programmed Funding:								\$ 30,049

TIP ID: **SCL050009** County: Santa Clara System: Transit RTP ID: 22956 CTIPS ID: 20600002929  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: Capitol Expressway LRT Extension- Phase II  
 Description: In the East Valley: The Capitol Avenue light rail line from the existing Alum Rock Transit Center to a rebuilt Eastridge Transit Center (2.6 miles): provide light rail extension  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	SALESTAX-MEASURE	\$ 52,166						\$ 52,166
ROW	RIP	\$ 23,000						\$ 23,000
ROW	SALESTAX-MEASURE	\$ 12,573						\$ 12,573
CON	RIP	\$ 34,540						\$ 34,540
CON	RTP-LRP						\$ 169,621	\$ 169,621
CON	SALESTAX-MEASURE	\$ 2,000						\$ 2,000
Total Programmed Funding:							\$ 169,621	\$ 293,900



Santa Clara Valley Transportation Authority (VTA)

TIP ID: **SCLO50046** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600003601  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: ADA Operating Set Aside  
 Description: VTA: ADA operating assistance set aside.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	5307	\$ 38,791					\$ 38,791
CON	OTHER LOCAL	\$ 7,285					\$ 7,285
CON	XTRAN	\$ 2,553					\$ 2,553
Total Programmed Funding:							\$ 48,630

TIP ID: **SCLO50049** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600003604  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Rail Substation Rehab/Replacement  
 Description: VTA: Guadalupe Light Rail Corridor; Rehabilitate electrical elements (such as disconnect switches, DC breakers, etc.) of traction power substations.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	5307	\$ 522					\$ 522
CON	5309	\$ 11,930					\$ 11,930
CON	5337	\$ 7,560					\$ 7,560
CON	OTHER LOCAL	\$ 3,100					\$ 3,100
CON	PROP	\$ 2,500					\$ 2,500
CON	XTRAN	\$ 30					\$ 30
Total Programmed Funding:							\$ 25,642

TIP ID: **SCLO90040** County: Santa Clara System: Transit RTP ID: 98119 CTIPS ID: 20600004673  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: LRT Extension to Vasona Junction  
 Description: In Campbell: Extend the light-rail line from the existing Winchester Station to a new Vasona Junction Station, near Route 85.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	SALESTAX-MEASURE	\$ 23,000					\$ 23,000
ROW	SALESTAX-MEASURE	\$ 2,000					\$ 2,000
CON	RTP-LRP					\$ 150,000	\$ 150,000
CON	SALESTAX-MEASURE					\$ 1,000	\$ 1,000
Total Programmed Funding:							\$ 176,000

TIP ID: **SCLO90041** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600004771  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Photovoltaic Solar Panel Alternative Energy  
 Description: VTA: On the Berryessa BART Station: parking structure: Install photovoltaic solar panels  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	5309	\$ 750					\$ 750
CON	OTHER LOCAL	\$ 188					\$ 188
Total Programmed Funding:							\$ 938





Santa Clara Valley Transportation Authority (VTA)

TIP ID: **SCL090044** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600004780  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: TP OCS Rehab & Replacement  
 Description: VTA: Rehabilitate and replace overhead catenary system (OCS) and associated components  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5309	\$ 7,268						\$ 7,268
CON	OTHER LOCAL	\$ 1,817						\$ 1,817
Total Programmed Funding:								\$ 9,085

TIP ID: **SCL110005** County: Santa Clara System: Transit RTP ID: 240374 CTIPS ID: 20600004633  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: BART - Warm Springs to Berryessa Extension  
 Description: In Santa Clara County: This project will extend BART from Warm Springs to the future Berryessa Station in San Jose, California.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 5,785,468

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	TCRP	\$ 78,860						\$ 78,860
PSE	TCRP	\$ 65,000						\$ 65,000
ROW	SALESTAX-MEASURE	\$ 340,640						\$ 340,640
CON	5309	\$ 691,766	\$ 100,000	\$ 97,415				\$ 889,181
CON	RIP	\$ 50,440						\$ 50,440
CON	SALESTAX-MEASURE	\$ 762,378	\$ 176,362					\$ 938,740
CON	TCRP	\$ 159,039						\$ 159,039
Total Programmed Funding:			\$ 276,362	\$ 97,415				\$ 2,521,900

TIP ID: **SCL110009** County: Santa Clara System: Transit RTP ID: 240119 CTIPS ID: 20600004619  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: El Camino Real Bus Rapid Transit  
 Description: In Santa Clara County: Implement Bus Rapid Transit improvements on El Camino Real/The Alameda including: dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real-time information, branded buses.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 82 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	OTHER LOCAL	\$ 2,800						\$ 2,800
ENV	SALESTAX-MEASURE	\$ 2,000						\$ 2,000
PSE	SALESTAX-MEASURE	\$ 19,100						\$ 19,100
ROW	SALESTAX-MEASURE	\$ 3,600						\$ 3,600
CON	RTP-LRP						\$ 206,200	\$ 206,200
Total Programmed Funding:							\$ 206,200	\$ 233,700

TIP ID: **SCL110010** County: Santa Clara System: Transit RTP ID: 240118 CTIPS ID: 20600004634  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Stevens Creek Bus Rapid Transit  
 Description: In Santa Clara County: Stevens Creek corridor: Implement Bus Rapid Transit improvements including dedicated guideways, signal prioritization, low-floor boarding, ticket vending machines, premium BRT stations, real-time info, and specialized vehicles  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	SALESTAX-MEASURE				\$ 3,200			\$ 3,200
PSE	RTP-LRP						\$ 10,900	\$ 10,900
PSE	SALESTAX-MEASURE					\$ 2,000		\$ 2,000
ROW	SALESTAX-MEASURE					\$ 2,000		\$ 2,000
CON	CMAQ	\$ 713						\$ 713
CON	RTP-LRP						\$ 142,600	\$ 142,600
CON	SALESTAX-MEASURE	\$ 94						\$ 94
Total Programmed Funding:					\$ 3,200	\$ 4,000	\$ 153,500	\$ 161,507



Santa Clara Valley Transportation Authority (VTA)

TIP ID: **SCL110099** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600005240  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Light Rail Bridge and Structure - SG Repair  
 Description: Various Locations: Light rail bridge and structure defect investigation and repair. Stabilization measures to address Hamilton structure settlement.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5309	\$ 1,360						\$ 1,360
CON	OTHER LOCAL	\$ 340						\$ 340
Total Programmed Funding:								\$ 1,700

TIP ID: **SCL110100** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600005249  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Kinkisharyo LRV Overhaul Program  
 Description: VTA: Scheduled overhaul of Kinkisharyo Light Rail Vehicles.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5309	\$ 1,030						\$ 1,030
CON	OTHER LOCAL	\$ 257						\$ 257
Total Programmed Funding:								\$ 1,287

TIP ID: **SCL110104** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600005250  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Light Rail Track Crossovers and Switches  
 Description: VTA: In the light rail system: Add light rail crossovers and switches to priority areas where crossovers are not currently available to enhance operational flexibility.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5309	\$ 580						\$ 580
CON	5337	\$ 2,957						\$ 2,957
CON	OTHER LOCAL	\$ 884						\$ 884
Total Programmed Funding:								\$ 4,421

TIP ID: **SCL130040** County: Santa Clara System: Transit RTP ID: 240509 CTIPS ID: 20600005711  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: Montague Expy Ped Bridge at Milpitas BART  
 Description: In Milpitas: At Milpitas BART Station: Over Montague Expressway: Construct a pedestrian bridge  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 744						\$ 744
PE	OTHER LOCAL	\$ 97						\$ 97
CON	CMAQ		\$ 2,769					\$ 2,769
CON	OTHER LOCAL		\$ 359					\$ 359
CON	RTP-LRP						\$ 8,779	\$ 8,779
Total Programmed Funding:								\$ 12,747



Santa Clara Valley Transportation Authority (VTA)

TIP ID: **SCL150005** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600005889  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA Train to Wayside Communication System Upgrade  
 Description: VTA: Communications: Upgrade the existing DOS based train-to-wayside communications (TWC) system to a Windows based system while keeping the original system's operational functionality.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5337	\$ 200						\$ 200
CON	OTHER LOCAL	\$ 50						\$ 50
Total Programmed Funding:								\$ 250

TIP ID: **SCL150006** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600005890  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Back-up Power for Elevated Stations  
 Description: VTA: Various elevated stations: Replace the generators and automatic power bypass switch for elevated stations on the Guadalupe Light Rail line.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5337	\$ 320						\$ 320
CON	OTHER LOCAL	\$ 80						\$ 80
Total Programmed Funding:								\$ 400

TIP ID: **SCL150008** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600005892  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA Track Intrusion Abatement  
 Description: VTA: Various locations along trackway: Installation of fencing, barriers, signage, flashing signs, and pavement markings.  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5337	\$ 3,200						\$ 3,200
CON	OTHER LOCAL	\$ 800						\$ 800
Total Programmed Funding:								\$ 4,000

TIP ID: **SCL150011** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600005918  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: N 1st Street LR Speed Improvements  
 Description: VTA: North First Street: Implement light rail service and reliability improvements including fencing and signal timing  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5337	\$ 400						\$ 400
CON	OTHER LOCAL	\$ 100						\$ 100
Total Programmed Funding:								\$ 500

TIP ID: **SCL150018** County: Santa Clara System: Transit RTP ID: 230550 CTIPS ID: 20600006031  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: Peery Park Rides  
 Description: In Sunnyvale: Peery Park area: Implement flexible transit service as part of a trip reduction strategy  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ			\$ 1,129				\$ 1,129
CON	OTHER LOCAL			\$ 951				\$ 951
Total Programmed Funding:								\$ 2,080



Santa Clara Valley Transportation Authority (VTA)

TIP ID: **SCL990046** County: Santa Clara System: Transit RTP ID: 94610 CTIPS ID: 20600001311  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: VTA: Preventive Maintenance  
 Description: VTA: Preventive Maintenance of agency's fleet.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 438,337						\$ 438,337
CON	5337	\$ 15,299						\$ 15,299
CON	OTHER LOCAL	\$ 101,143						\$ 101,143
CON	SALESTAX-MEASURE	\$ 19,911						\$ 19,911
CON	ST-STP	\$ 2,678						\$ 2,678
CON	STP	\$ 18,900						\$ 18,900
Total Programmed Funding:								\$ 596,268

End of section



# **Various Agencies**

Transit Projects  
Various Transit Agencies

TIP ID: **ALA010056** County: Alameda System: Transit RTP ID: 21017 CTIPS ID: 20600002231  
 Sponsor: Altamont Commuter Express (ACE) Implementing Agency: Altamont Commuter Express (ACE)  
 Project Name: ACE Track Improvements.  
 Description: ACE: From Stockton to San Jose: Corridor improvements for signaling, grade crossing, track and other cost associated  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: 44.7 Post Mile To: 87.1 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 5,073						\$ 5,073
CON	5309	\$ 1,951						\$ 1,951
CON	OTHER LOCAL	\$ 3,138						\$ 3,138
CON	SALESTAX-MEASURE	\$ 2,000						\$ 2,000
CON	ST-CASH	\$ 5,000						\$ 5,000
Total Programmed Funding:								\$ 17,162

TIP ID: **ALA110099** County: Alameda System: Transit RTP ID: 21017 CTIPS ID: 20600005330  
 Sponsor: Altamont Commuter Express (ACE) Implementing Agency: San Joaquin Regional Rail  
 Project Name: ACE Preventative Maintenance  
 Description: ACE Rail - Preventative maintenance activities for ACE service and associated equipment, functions, and facilities.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 1,529						\$ 1,529
CON	5337	\$ 9						\$ 9
CON	OTHER LOCAL	\$ 4						\$ 4
CON	SALESTAX-MEASURE	\$ 531						\$ 531
CON	STP	\$ 1,151						\$ 1,151
Total Programmed Funding:								\$ 3,224

TIP ID: **REG110044** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600005522  
 Sponsor: Altamont Commuter Express (ACE) Implementing Agency: San Joaquin Regional Rail  
 Project Name: ACE Positive Train Control  
 Description: ACE System-wide: Install an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 2,000						\$ 2,000
CON	5307	\$ 3,328						\$ 3,328
CON	5337	\$ 2,628						\$ 2,628
CON	OTHER LOCAL	\$ 1,506						\$ 1,506
CON	PROP		\$ 667					\$ 667
CON	RTP-LRP						\$ 23,694	\$ 23,694
CON	STP	\$ 129	\$ 373					\$ 502
Total Programmed Funding:								\$ 34,325

TIP ID: **REG110041** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600005541  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: FTA Non-Urbanized Formula Program  
 Description: GL: FTA Section 5311 Non-Urbanized Formula Program, Non-ITS portion. Projects include capital and operating assistance, capital and preventive maintenance. Projects consistent with 40 CFR Part 93.126, 127, 129, Exempt Tables 2 and 3.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 306,392

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5311		\$ 5,177					\$ 5,177
CON	5311F		\$ 781					\$ 781
CON	OTHER LOCAL		\$ 9,125					\$ 9,125
Total Programmed Funding:								\$ 15,083



Transit Projects  
Various Transit Agencies

TIP ID: **REG110042** County: Regional System: Transit RTP ID: 230716 CTIPS ID: 20600005553  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Elderly & Persons with Disability Program  
 Description: Region-Wide: Eld. & persons with Disabilities. Prog Lump Sum Listing; Project incl. Veh. replacements, minor expansion & office equip. Consist with 40 CFR Part 93.126, 127, 128 Exempt Tables 2 & 3.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,141,564

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5310		\$ 7,921					\$ 7,921
Total Programmed Funding:			\$ 7,921					\$ 7,921

TIP ID: **REG150001** County: Regional System: Transit RTP ID: 22009 CTIPS ID: 20600005842  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: Oakland to San Jose Double Track (Segment 2A)  
 Description: Between Oakland and San Jose: On UPRR Niles subdivision from MP 6 to MP 35, and the Coast subdivision MP 13 to MP 35, and on the Caltrain Right of Way MP 44 to MP 48: Construct a second mainline track, platforms and modifications to existing tracks  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 802,900

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL				\$ 700			\$ 700
CON	RTP-LRP						\$ 7,000	\$ 7,000
Total Programmed Funding:					\$ 700		\$ 7,000	\$ 7,700

TIP ID: **REG150002** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600005937  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: FTA 5311 Rural Area FY15  
 Description: GL: FTA Section 5311 Rural Area Program, Non-ITS portion. Projects include capital and operating assistance. Projects consistent with 40 CFR Part 93.126 Exempt Table 2  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5311		\$ 1,598					\$ 1,598
CON	5311F		\$ 300					\$ 300
CON	OTHER LOCAL		\$ 1,159					\$ 1,159
Total Programmed Funding:			\$ 3,057					\$ 3,057

TIP ID: **REG150003** County: Regional System: Transit RTP ID: 230716 CTIPS ID: 20600005938  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Elderly&Persons with Disability Prog FY13-FY14  
 Description: Region-Wide: Elderly & persons with Disabilities. Prog Lump Sum Listing; Project incl. Veh. replacements, minor expansion & office equip. Consist with 40 CFR Part 93.126 Exempt Table 2  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 3,876,952

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5310		\$ 12,000					\$ 12,000
Total Programmed Funding:			\$ 12,000					\$ 12,000

TIP ID: **CC-110083** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005431  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: Replace Diesel Trolleys with Electric TrolleyBuses  
 Description: CCCTA: Replace four diesel trolleys with electric trolleys and install the associated infrastructure  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5308		\$ 4,320					\$ 4,320
CON	OTHER LOCAL		\$ 1,080					\$ 1,080
Total Programmed Funding:			\$ 5,400					\$ 5,400



Transit Projects  
Various Transit Agencies

TIP ID: **CC-110099** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005439  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: CCCTA - Replace 15 40' Buses  
 Description: CCCTA: replace 15 40' Heavy Duty Diesel Transit Buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 6,579
CON	OTHER LOCAL							\$ 1,645
Total Programmed Funding:								\$ 8,223

TIP ID: **CC-110100** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005440  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: CCCTA - Replace 18 40' Buses  
 Description: CCCTA: Replace 18 40' Heavy Duty Diesel Over the Road Buses that have reached the end of their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 8,334
CON	5339							\$ 863
CON	OTHER LOCAL							\$ 2,299
Total Programmed Funding:								\$ 11,496

TIP ID: **CC-130045** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005775  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: CCCTA: Access Improvements Implementation  
 Description: CCCTA: Various bus stops system-wide: Implement bicycle and pedestrian access improvements identified in County Connection's Access Improvement Study.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL							\$ 93
CON	STP							\$ 685
Total Programmed Funding:								\$ 779

TIP ID: **CC-150006** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005915  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: CCCTA: Replace 18 30' Buses  
 Description: CCCTA: Replace 18 30' Heavy Duty Diesel buses that have reached the end of their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 5,996
CON	5339							\$ 853
CON	OTHER LOCAL							\$ 1,712
Total Programmed Funding:								\$ 8,561

TIP ID: **CC-150007** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005916  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: CCCTA: Replace 13 35' Buses  
 Description: CCCTA: Replace 13 35' Heavy Duty Diesel Buses that have reached the end of their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 5,106
CON	OTHER LOCAL							\$ 1,277
Total Programmed Funding:								\$ 6,383





Transit Projects  
Various Transit Agencies

TIP ID: **CC-150008** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005917  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: CCCTA: Replace 3 Paratransit Vans  
 Description: CCCTA: Replace 3 paratransit vans that have reached the end of their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 295					\$ 295
CON	OTHER LOCAL		\$ 74					\$ 74
Total Programmed Funding:			\$ 369					\$ 369

TIP ID: **CC-150012** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600005958  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: REMIX Software Implementation Project  
 Description: County Connection: Systemwide: Integrate REMIX mapping software into County Connection's planning process.  
 Air Quality Exempt Code: 2.04 - EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL		\$ 5					\$ 5
CON	STP		\$ 35					\$ 35
Total Programmed Funding:			\$ 40					\$ 40

TIP ID: **CC-99T001** County: Contra Costa System: Transit RTP ID: 94558 CTIPS ID: 20600001052  
 Sponsor: Central Contra Costa Transit Agency (CCCTA) Implementing Agency: Central Contra Costa Transit Agency  
 Project Name: CCCTA: ADA Paratransit Assistance  
 Description: CCCTA: ADA Paratransit Assistance to transit agency.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 11,887						\$ 11,887
CON	OTHER LOCAL	\$ 2,983						\$ 2,983
Total Programmed Funding:								\$ 14,870

TIP ID: **CC-030035** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600002894  
 Sponsor: Eastern Contra Costa Transit Agency (Tri Delta) Implementing Agency: Eastern Contra Costa Transit Agency  
 Project Name: Tri-Delta: ADA Operating Assistance  
 Description: Tridelta: Operating assistance to fund ADA Set Aside requirement  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 6,130						\$ 6,130
CON	OTHER LOCAL	\$ 1,533						\$ 1,533
Total Programmed Funding:								\$ 7,663

TIP ID: **CC-070092** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600004101  
 Sponsor: Eastern Contra Costa Transit Agency (Tri Delta) Implementing Agency: Eastern Contra Costa Transit Agency  
 Project Name: ECCTA: Transit Bus Replacements  
 Description: Tri-Delta Transit: Replace 80 transit vehicles with similar vehicles and procure 30 MDT terminals  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 33,950						\$ 33,950
CON	5339	\$ 1,756						\$ 1,756
CON	OTHER LOCAL	\$ 8,744	\$ 82					\$ 8,827
CON	PROP	\$ 2,156						\$ 2,156
CON	STP		\$ 637					\$ 637
Total Programmed Funding:			\$ 719					\$ 47,325



Transit Projects  
Various Transit Agencies

TIP ID: **CC-150020** County: Contra Costa System: Transit RTP ID: 240735 CTIPS ID: 20600006067  
 Sponsor: Eastern Contra Costa Transit Agency (Tri Delta) Implementing Agency: Eastern Contra Costa Transit Agency  
 Project Name: ECCTA: Non-ADA Paratransit to FR Incentive Program  
 Description: ECCTA: Systemwide: Use outreach, travel training and fare incentives to move non-ADA paratransit users to FR service  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: 4 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	STP		\$ 817					\$ 817
CON	TDA		\$ 204					\$ 204
Total Programmed Funding:			\$ 1,022					\$ 1,022

TIP ID: **SOL030002** County: Solano System: Transit RTP ID: 21341 CTIPS ID: 20600002394  
 Sponsor: Fairfield Implementing Agency: Fairfield  
 Project Name: Fairfield/Vacaville Intermodal Rail Station  
 Description: In Fairfield: Capitol Corridor; Construct train station with passenger platforms, pedestrian undercrossing, highway overcrossing, park and ride lot, bike and other station facilities. Project is phased.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	TCI	\$ 125						\$ 125
PE	5309	\$ 1,958						\$ 1,958
PE	BT	\$ 615						\$ 615
PE	GFSTIP	\$ 250						\$ 250
PE	OTHER LOCAL	\$ 145						\$ 145
PSE	BT	\$ 3,000						\$ 3,000
PSE	OTHER LOCAL	\$ 75						\$ 75
ROW	BT	\$ 1,100						\$ 1,100
ROW	OTHER LOCAL	\$ 30						\$ 30
ROW	TCI	\$ 760						\$ 760
CON	5309	\$ 196						\$ 196
CON	AB1171-AB144	\$ 9,000						\$ 9,000
CON	BT	\$ 27,485						\$ 27,485
CON	EARMARK	\$ 800						\$ 800
CON	OTHER LOCAL	\$ 3,241						\$ 3,241
CON	PRIVATE	\$ 138	\$ 298					\$ 436
CON	PROP	\$ 11,000	\$ 1,260					\$ 12,260
CON	RIP	\$ 4,000						\$ 4,000
CON	RIP-TE	\$ 400						\$ 400
CON	RTP-LRP						\$ 14,715	\$ 14,715
Total Programmed Funding:			\$ 1,558				\$ 14,715	\$ 80,591

TIP ID: **SOL110007** County: Solano System: Transit RTP ID: 22795 CTIPS ID: 20600004811  
 Sponsor: Fairfield Implementing Agency: Fairfield  
 Project Name: Fairfield Transportation Center - Phase 3  
 Description: In Fairfield: Fairfield Transportation Center; Construct second parking structure with approximately 600 automobile parking spaces and access improvements.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 15						\$ 15
PSE	TDA		\$ 600					\$ 600
CON	5309	\$ 475						\$ 475
CON	CMAQ	\$ 203						\$ 203
CON	RTP-LRP						\$ 6,935	\$ 6,935
CON	STP	\$ 95						\$ 95
Total Programmed Funding:			\$ 600				\$ 6,935	\$ 8,323



Transit Projects  
Various Transit Agencies

TIP ID: **SOL010006** County: Solano System: Transit RTP ID: 21017 CTIPS ID: 20600002029  
 Sponsor: Fairfield-Suisun Transit Implementing Agency: Fairfield-Suisun Transit  
 Project Name: Fairfield-Suisun Transit: Operating Assistance  
 Description: Fairfield-Suisun Transit: Operating Assistance to support transit operations.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 34,363						\$ 34,363
CON	OTHER LOCAL	\$ 9,948						\$ 9,948
CON	STP		\$ 372					\$ 372
CON	TDA	\$ 14,519	\$ 372					\$ 14,891
Total Programmed Funding:			\$ 744					\$ 59,576

TIP ID: **SOL110041** County: Solano System: Transit RTP ID: 21017 CTIPS ID: 20600005438  
 Sponsor: Fairfield-Suisun Transit Implementing Agency: Fairfield-Suisun Transit  
 Project Name: Fairfield Transit: 2 Gillig Bus Replacements  
 Description: Fairfield-Suisun Transit: Replace two 1996 Gillig buses with two new 40' transit hybrid buses  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5339		\$ 1,115					\$ 1,115
CON	TDA		\$ 279					\$ 279
Total Programmed Funding:			\$ 1,393					\$ 1,393

TIP ID: **CC-030002** County: Contra Costa System: Transit RTP ID: 21210 CTIPS ID: 20600002397  
 Sponsor: Hercules Implementing Agency: Hercules  
 Project Name: Hercules Intercity Rail Station  
 Description: In Hercules: From I-80/SR-4 to the future train station: Extend John Muir Pkwy to provide direct access including Bayfront Bridge over Refugio Creek, Bay Trail West Gap Closure, Refugio Creek Restoration, North Channel Culvert, and Creekside Trail.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 125,826

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 300						\$ 300
ENV	TCRP	\$ 208						\$ 208
PSE	OTHER LOCAL	\$ 900						\$ 900
PSE	TCRP	\$ 2,092						\$ 2,092
ROW	SALESTAX-MEASURE	\$ 2,162						\$ 2,162
CON	5309	\$ 220						\$ 220
CON	CMAQ		\$ 2,584					\$ 2,584
CON	OTHER LOCAL	\$ 5,285	\$ 335					\$ 5,620
CON	PRIVATE	\$ 6,200						\$ 6,200
CON	RIP	\$ 8,000						\$ 8,000
CON	SALESTAX-MEASURE	\$ 4,500						\$ 4,500
CON	TCRP	\$ 700						\$ 700
Total Programmed Funding:			\$ 2,919					\$ 33,486

TIP ID: **ALA130011** County: Alameda System: Transit RTP ID: 21011 CTIPS ID: 20600005569  
 Sponsor: Livermore Implementing Agency: Livermore  
 Project Name: Livermore Relocation and Restoration of R/R Depot  
 Description: In Livermore: Relocation and rehabilitation of the Historic Depot building to a site adjacent to the UPRR tracks and the Downtown parking structure/LAVTA's Transit Center. No loss of existing transit hub facilities are involved.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 286,750

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 500						\$ 500
CON	STP		\$ 2,500					\$ 2,500
Total Programmed Funding:			\$ 2,500					\$ 3,000



Transit Projects  
Various Transit Agencies

TIP ID: **ALA030030** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600002774  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Preventive Maintenance  
 Description: LAVTA: Preventive Maintenance Program for Agency Fleet.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: 580 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307		\$ 7,092	\$ 1,272				\$ 8,364	
CON	OTHER LOCAL		\$ 4,600					\$ 4,600	
CON	TDA		\$ 318					\$ 318	
Total Programmed Funding:			\$ 1,591					\$ 13,283	

TIP ID: **ALA150014** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005895  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Bus Purchase-Low Floor  
 Description: LAVTA: 40' Hybrids: Replace 4 2002-Low Floor Diesel Vehicles with 4 40' Hybrids.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307		\$ 2,345					\$ 2,345	
CON	TDA		\$ 515					\$ 515	
Total Programmed Funding:			\$ 2,860					\$ 2,860	

TIP ID: **ALA150015** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005896  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Bus Purchase-Over the Road  
 Description: LAVTA: 40' Hybrids: Replace 4 2002- over the road Diesel vehicles with 4 40' Hybrids.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307		\$ 2,486					\$ 2,486	
CON	TDA		\$ 622					\$ 622	
Total Programmed Funding:			\$ 3,108					\$ 3,108	

TIP ID: **ALA150016** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005897  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Bus Purchase-7 Hybrids  
 Description: LAVTA: 35' Hybrids: Replace 7 2003- Diesel vehicles with 1 40' Hybrid and 6 35' Hybrids  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307		\$ 4,139					\$ 4,139	
CON	TDA		\$ 909					\$ 909	
Total Programmed Funding:			\$ 5,048					\$ 5,048	

TIP ID: **ALA150017** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005898  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: 5 40' Hybrids  
 Description: LAVTA: 40' Hybrids: Replace 5 2000 40'Diesel Vehicles with 5 40' Hybrids  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307		\$ 2,594					\$ 2,594	
CON	5339		\$ 514					\$ 514	
CON	TDA		\$ 777					\$ 777	
Total Programmed Funding:			\$ 3,885					\$ 3,885	



Transit Projects  
Various Transit Agencies

TIP ID: **ALA150019** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005923  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: Dublin Blvd Transit Performance Initiative  
 Description: LAVTA: Dublin Blvd: Project includes implementing Adaptive Signal Control at 27 intersections, Transit Signal Priority, signal coordination, key bus stop improvements, updated customer interface portal, and enhanced transit data reporting system.  
 Air Quality Exempt Code: 5.07 - EXEMPT (40 CFR 93.128) - Traffic signal synchronization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 16					\$ 16
CON	CMAQ		\$ 1,009					\$ 1,009
CON	OTHER LOCAL		\$ 13					\$ 13
CON	TDA		\$ 176					\$ 176
Total Programmed Funding:								\$ 1,214

TIP ID: **ALA150031** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005979  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Replacement (10) 40' Hybrid Buses  
 Description: LAVTA: Purchase 10 40' hybrid buses to replace diesel buses that have exceeded their useful life  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 5,384					\$ 5,384
CON	5339		\$ 938					\$ 938
CON	TDA		\$ 1,581					\$ 1,581
Total Programmed Funding:			\$ 7,903					\$ 7,903

TIP ID: **ALA150032** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005980  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Replacement (10) 30' Hybrid Buses  
 Description: LAVTA: Purchase ten (10) 30' hybrid buses to replace diesel buses that have exceeded their useful life  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 5,953					\$ 5,953
CON	TDA		\$ 1,488					\$ 1,488
Total Programmed Funding:			\$ 7,442					\$ 7,442

TIP ID: **ALA150033** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005981  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Service Vehicles (2) Trucks  
 Description: LAVTA: Purchase two service trucks for use in maintenance yard and along the Wheels bus lines.  
 Air Quality Exempt Code: 2.02 - EXEMPT (40 CFR 93.126) - Purchase of support vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 82					\$ 82
CON	TDA		\$ 20					\$ 20
Total Programmed Funding:			\$ 102					\$ 102

TIP ID: **ALA150034** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005982  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Trapeze Upgrade  
 Description: LAVTA: Purchase, install and operate upgrades/modules of the Trapeze operating system  
 Air Quality Exempt Code: 2.04 - EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 130					\$ 130
CON	TDA		\$ 32					\$ 32
Total Programmed Funding:			\$ 162					\$ 162



Transit Projects  
Various Transit Agencies

TIP ID: **ALA150035** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005983  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Farebox Replacement  
 Description: LAVTA: New Buses: Install farebox devices compliant with Clipper technology  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)

Route:		Post Mile From:	Post Mile To:					Toll Credits:
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 398					\$ 398
CON	TDA		\$ 100					\$ 100
Total Programmed Funding:			\$ 498					\$ 498

TIP ID: **ALA150036** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005984  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Service Vehicles (3) Road Supervisor  
 Description: LAVTA: Purchase 3 vehicles for road supervisors' use when providing roadside assistance to the fixed-route fleet. These vehicle will be outfitted with tools and equipment necessary to perform maintenance of signs and shelters along fixed-routes.  
 Air Quality Exempt Code: 2.02 - EXEMPT (40 CFR 93.126) - Purchase of support vehicles

Route:		Post Mile From:	Post Mile To:					Toll Credits:
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 122					\$ 122
CON	TDA		\$ 31					\$ 31
Total Programmed Funding:			\$ 153					\$ 153

TIP ID: **ALA150037** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600005985  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: Service Vehicles (4) shift trade  
 Description: LAVTA: Purchase 4 vehicles for road supervisors' use when providing roadside assistance to the fixed-route fleet. These vehicles will be outfitted with tools and equipment necessary to perform maintenance of signs and shelters along fixed-routes.  
 Air Quality Exempt Code: 2.02 - EXEMPT (40 CFR 93.126) - Purchase of support vehicles

Route:		Post Mile From:	Post Mile To:					Toll Credits:
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 163					\$ 163
CON	TDA		\$ 41					\$ 41
Total Programmed Funding:			\$ 204					\$ 204

TIP ID: **ALA990077** County: Alameda System: Transit RTP ID: 94527 CTIPS ID: 20600000678  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: LAVTA: ADA Paratransit Operating Subsidy  
 Description: LAVTA: ADA Paratransit Operating Subsidy  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies

Route:		Post Mile From:	Post Mile To:					Toll Credits:
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 4,378	\$ 341					\$ 4,720
CON	OTHER LOCAL	\$ 1,236	\$ 85					\$ 1,321
CON	TDA	\$ 84						\$ 84
Total Programmed Funding:			\$ 427					\$ 6,125

TIP ID: **MRN110040** County: Marin System: Transit RTP ID: 240723 CTIPS ID: 20600005515  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: MCTD Preventive Maintenance  
 Description: Marin Transit: Systemwide: Bus Transit Preventative maintenance  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles

Route:		Post Mile From:	Post Mile To:					Toll Credits:
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	SALESTAX-MEASURE	\$ 42	\$ 31					\$ 73
CON	STP	\$ 216	\$ 123					\$ 339
Total Programmed Funding:			\$ 154					\$ 412



Transit Projects  
Various Transit Agencies

TIP ID: **MRN110041** County: Marin System: Transit RTP ID: 240723 CTIPS ID: 20600005464  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: Marin Transit Low Income Youth Pass Program  
 Description: Marin Transit: Provide low-income youth free bus passes. Other local funds are made available for this project by applying STP/CMAQ funding available through the TPI program to MRN110040  
 Air Quality Exempt Code: 3.01 - EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL	\$ 112						\$ 112
CON	SALESTAX-MEASURE	\$ 299	\$ 154					\$ 453
Total Programmed Funding:			\$ 154					\$ 565

TIP ID: **MRN110047** County: Marin System: Transit RTP ID: 21017 CTIPS ID: 20600005521  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: MCTD: ADA Paratransit Assistance  
 Description: MCTD: ADA Paratransit Assistance to transit agency.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 3,109						\$ 3,109
CON	SALESTAX-MEASURE	\$ 777						\$ 777
Total Programmed Funding:								\$ 3,886

TIP ID: **MRN150003** County: Marin System: Transit RTP ID: 21017 CTIPS ID: 20600005885  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: MCTD: On Board Vehicle Equipment  
 Description: MCTD: Farebox: Install fareboxes on 62 paratransit vehicles and Dial-A-Ride vehicles. Replace fareboxes on 18 fixed route vehicles  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 306						\$ 306
CON	SALESTAX-MEASURE	\$ 71						\$ 71
Total Programmed Funding:								\$ 377

TIP ID: **MRN150010** County: Marin System: Transit RTP ID: 21017 CTIPS ID: 20600005968  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: MCTD - Relocate Transit Maint. Facility - PE only  
 Description: In Marin County: Relocate contractor maintenance facilities in a centralized location, including bus parking and three maintenance bays. This project listing includes only the PE phase of this project.  
 Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE		\$ 478					\$ 478
PE	STP		\$ 122					\$ 122
Total Programmed Funding:			\$ 600					\$ 600

TIP ID: **MRN150011** County: Marin System: Transit RTP ID: 21017 CTIPS ID: 20600005976  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: MCTD- Replace 2 Shuttle Vehicles  
 Description: MCTD: Replace two fixed route shuttle buses that are beyond their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 200						\$ 200
CON	SALESTAX-MEASURE	\$ 44						\$ 44
Total Programmed Funding:								\$ 244



Transit Projects  
Various Transit Agencies

TIP ID: **MRN150012** County: Marin System: Transit RTP ID: 21017 CTIPS ID: 20600005977  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: MCTD - Replace 13 -40ft Buses  
 Description: MCTD: Replace 13 40ft vehicles that are beyond their useful life  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 7,900					\$ 7,900
CON	SALESTAX-MEASURE		\$ 1,734					\$ 1,734
Total Programmed Funding:			\$ 9,634					\$ 9,634

TIP ID: **MRN150013** County: Marin System: Transit RTP ID: 21017 CTIPS ID: 20600005978  
 Sponsor: Marin County Transit District Implementing Agency: Marin County Transit District  
 Project Name: MCTD - Emergency Radio System  
 Description: MCTD: Replace radio system on fixed route shuttles and rural service to meet emergency radio requirements.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 285					\$ 285
CON	SALESTAX-MEASURE		\$ 63					\$ 63
Total Programmed Funding:			\$ 348					\$ 348

TIP ID: **CC-030004** County: Contra Costa System: Transit RTP ID: 22614 CTIPS ID: 20600002399  
 Sponsor: Martinez Implementing Agency: Martinez  
 Project Name: Martinez Intermodal Station Parking Expansion  
 Description: Martinez: At the Martinez Intermodal Station: Expand parking from 175 spaces to 600 spaces. Project includes adding a pedestrian and a vehicular bridge to access the parking lot.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	XGEN		\$ 400					\$ 400
ROW	RIP		\$ 5,500					\$ 5,500
ROW	SALESTAX-MEASURE		\$ 5,000					\$ 5,000
CON	OTHER LOCAL		\$ 1,600					\$ 1,600
CON	SALESTAX-MEASURE		\$ 7,500					\$ 7,500
Total Programmed Funding:			\$ 9,100					\$ 20,000

TIP ID: **MTC050001** County: Regional System: Transit RTP ID: 230550 CTIPS ID: 20600002938  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Transit Commute Benefits Promotion  
 Description: San Francisco Bay Area: Region wide: Project to increase the participation rate of employers offering employees a tax-free benefit to commute to work by transit.  
 Air Quality Exempt Code: 3.01 - EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT		\$ 50					\$ 50
CON	BT		\$ 4,950					\$ 4,950
Total Programmed Funding:			\$ 5,000					\$ 5,000





Transit Projects  
Various Transit Agencies

TIP ID: **MTC050020** County: Regional System: Transit RTP ID: 230419 CTIPS ID: 20600003411  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Real-time Transit Information Program  
 Description: San Francisco Bay Area: Regionwide; Provide real-time transit information to riders at transit stops or via telephone, wireless or internet communication.  
 Air Quality Exempt Code: 4.11 - EXEMPT (40 CFR 93.126) - Directional and informational signs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	BT	\$ 20,000						\$ 20,000
CON	OTHER LOCAL		\$ 1,000					\$ 1,000
Total Programmed Funding:			\$ 1,000					\$ 21,000

TIP ID: **MTC050021** County: Regional System: Transit RTP ID: 22245 CTIPS ID: 20600003412  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Safe Routes to Transit  
 Description: Regionwide: Grants to fund infrastructure projects that improve bike/ped access to transit stations. Including signs, multi-use trails and bike parking.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	BT	\$ 20,000						\$ 20,000
Total Programmed Funding:								\$ 20,000

TIP ID: **REG090002** County: Regional System: Transit RTP ID: 22423 CTIPS ID: 20600004269  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: GL: JARC FY 09 - FY 10 - Large UA  
 Description: GL: JARC FY 09 - FY 10 - Large UA. Various JARC projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5316		\$ 2,663					\$ 2,663
CON	OTHER LOCAL		\$ 13,793					\$ 13,793
CON	PROP		\$ 100					\$ 100
CON	STA-POP		\$ 2,719					\$ 2,719
Total Programmed Funding:			\$ 19,275					\$ 19,275

TIP ID: **REG090045** County: Regional System: Transit RTP ID: 240751 CTIPS ID: 20600004479  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Clipper Fare Collection System  
 Description: San Francisco Bay Area: Regionwide; Design, build, operate and maintain the Clipper fare collection system. Note: Translink became Clipper on 6/16/10.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 2,920,660

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 1,295						\$ 1,295
PE	STP	\$ 9,995						\$ 9,995
CON	5307	\$ 4,920						\$ 4,920
CON	5337	\$ 6,278	\$ 5,000					\$ 11,278
CON	BT	\$ 23,154						\$ 23,154
CON	CMAQ	\$ 34,691						\$ 34,691
CON	OTHER LOCAL	\$ 17,694	\$ 1,250					\$ 18,944
CON	STP	\$ 29,257						\$ 29,257
Total Programmed Funding:			\$ 6,250					\$ 133,533



Transit Projects  
Various Transit Agencies

TIP ID: **REG110028** County: Regional System: Transit RTP ID: 22423 CTIPS ID: 20600005267  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: GL: FY10 JARC Mobility Management  
 Description: GL: Mobility Management. Various mobility management projects in the SFO, Concord and San Jose large urbanized areas.  
 Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5316		\$ 805					\$ 805
CON	OTHER LOCAL		\$ 169					\$ 169
Total Programmed Funding:			\$ 974					\$ 974

TIP ID: **REG110032** County: Regional System: Transit RTP ID: 22423 CTIPS ID: 20600005341  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Various Agencies  
 Project Name: GL: JARC FY11-FY12 Large UA  
 Description: GL: JARC FY11-FY12 Large UA. Various JARC projects in large urbanized areas. Project is consistent with 40 CFR Part  
 93.126, 127, 128, Exempt Tables 2 & 3.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5316		\$ 2,985					\$ 2,985
CON	OTHER LOCAL		\$ 3,107					\$ 3,107
Total Programmed Funding:			\$ 6,091					\$ 6,091

TIP ID: **REG110039** County: Regional System: Transit RTP ID: 22423 CTIPS ID: 20600005518  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: GL: 5307 JARC Set-aside FY13-FY14 Large UA  
 Description: GL: 5307 JARC Set-aside FY13 Large UA. Various 5307 (former JARC) projects in large urbanized areas. Project is  
 consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 3,195					\$ 3,195
CON	OTHER LOCAL		\$ 3,195					\$ 3,195
Total Programmed Funding:			\$ 6,389					\$ 6,389

TIP ID: **REG150004** County: Regional System: Transit RTP ID: 22423 CTIPS ID: 20600005947  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Various Agencies  
 Project Name: GL: Lifeline Cycle 4 5307 JARC  
 Description: GL: 5307 JARC Set-aside FY13 Small UA and FY14-FY16 Large and Small UA. Various 5307 (former JARC) projects in large  
 and small urbanized areas. Project is consistent with 40 CFR Part 93.126 Exempt Table 2  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 8,755					\$ 8,755
CON	OTHER LOCAL		\$ 8,147					\$ 8,147
Total Programmed Funding:			\$ 16,903					\$ 16,903

TIP ID: **VAR130002** County: Various System: Transit RTP ID: 22423 CTIPS ID: 20600005745  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Various Agencies  
 Project Name: GL: JARC FY12 Small UA & Rural  
 Description: GL: JARC FY12 Small UA & Rural. Various JARC projects in small urbanized areas and nonurbanized areas. Project is  
 consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5316		\$ 476					\$ 476
CON	OTHER LOCAL		\$ 309					\$ 309
Total Programmed Funding:			\$ 785					\$ 785



Transit Projects  
Various Transit Agencies

TIP ID: **VAR130003** County: Various System: Transit RTP ID: 230716 CTIPS ID: 20600005744  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Various Agencies  
 Project Name: GL: New Freedom FY12 Small UA & Rural  
 Description: Regional: Various Cycle 7 (FY12) New Freedom projects in small urbanized and rural areas.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 107,768

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5317		\$ 585					\$ 585
CON	OTHER LOCAL		\$ 200					\$ 200
Total Programmed Funding:			\$ 785					\$ 785

TIP ID: **VAR130005** County: Various System: Transit RTP ID: 230716 CTIPS ID: 20600005761  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: GL: New Freedom FY12 Large UA  
 Description: GL: New Freedom FY2012 Large UA. Various Cycle 5 (FY12) New Freedom projects in large urbanized areas  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5317		\$ 2,003					\$ 2,003
CON	OTHER LOCAL		\$ 2,025					\$ 2,025
Total Programmed Funding:			\$ 4,028					\$ 4,028

TIP ID: **VAR150001** County: Various System: Transit RTP ID: 21017 CTIPS ID: 20600005975  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Various Agencies  
 Project Name: GL: FTA 5311 Rural Area FY16  
 Description: GL: FTA Section 5311 Rural Area Program, Non-ITS portion. Projects include capital and operating assistance. Projects consistent with 40 CFR Part 93.126 Exempt Table 2  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5311		\$ 1,516					\$ 1,516
CON	OTHER LOCAL		\$ 1,532					\$ 1,532
Total Programmed Funding:			\$ 3,048					\$ 3,048

TIP ID: **NAP030004** County: Napa System: Transit RTP ID: 21017 CTIPS ID: 20600002901  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Napa Valley Transportation Authority  
 Project Name: NVTA: ADA Operating Assistance  
 Description: Napa: ADA operating assistance for paratransit service  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 322					\$ 322
CON	OTHER LOCAL		\$ 36					\$ 36
CON	TDA		\$ 115					\$ 115
Total Programmed Funding:			\$ 473					\$ 473

TIP ID: **NAP030005** County: Napa System: Transit RTP ID: 21017 CTIPS ID: 20600002881  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Napa Valley Transportation Authority  
 Project Name: Napa: Bus Stop Improvements  
 Description: Napa Vine: Various bus stop improvements throughout the Napa County transit service areas. Add City/County Bus Passenger Amenities especially ADA Bus Stop Improvements.  
 Air Quality Exempt Code: 2.07 - EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 35					\$ 35
CON	OTHER LOCAL		\$ 493					\$ 493
CON	STP		\$ 117					\$ 117
CON	TDA		\$ 137					\$ 137
Total Programmed Funding:			\$ 782					\$ 782



Transit Projects  
Various Transit Agencies

TIP ID: **NAP090005** County: Napa System: Transit RTP ID: 21017 CTIPS ID: 20600004798  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Napa Valley Transportation Authority  
 Project Name: NVT A: Replace Rolling Stock  
 Description: NVT A: Replace rolling stock for fixed-route, paratransit, and community shuttle fleet.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5309	\$ 4,312						\$ 4,312
CON	BT	\$ 1,985						\$ 1,985
CON	OTHER LOCAL	\$ 247						\$ 247
CON	TDA	\$ 8,184						\$ 8,184
Total Programmed Funding:								\$ 14,728

TIP ID: **NAP090008** County: Napa System: Transit RTP ID: 21017 CTIPS ID: 20600004790  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Napa Valley Transportation Authority  
 Project Name: NVT A Equipment Replacement and Upgrades  
 Description: NVT A: Napa Vine service area: Replacement and upgrades to transit equipment  
 Air Quality Exempt Code: 2.04 - EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 109						\$ 109
CON	5339	\$ 682						\$ 682
CON	OTHER LOCAL	\$ 44						\$ 44
CON	STP		\$ 92					\$ 92
CON	TDA	\$ 1,550	\$ 12					\$ 1,562
Total Programmed Funding:								\$ 2,489

TIP ID: **NAP970010** County: Napa System: Transit RTP ID: 21017 CTIPS ID: 20600000380  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Napa Valley Transportation Authority  
 Project Name: Napa Vine Operating Assistance  
 Description: Napa Vine: Operating assistance to support transit routes and services.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5303	\$ 74						\$ 74
CON	5307	\$ 19,102						\$ 19,102
CON	OTHER LOCAL	\$ 2,657						\$ 2,657
CON	STA-POP	\$ 907						\$ 907
CON	STA-REV	\$ 41						\$ 41
CON	TDA	\$ 17,695						\$ 17,695
Total Programmed Funding:								\$ 40,477

TIP ID: **NAP050009** County: Napa System: Transit RTP ID: 21017 CTIPS ID: 20600003430  
 Sponsor: Napa Vine Implementing Agency: Napa Vine  
 Project Name: Park & Ride Lots in Napa County  
 Description: Napa County: American Canyon, and Calistoga/St. Helena/Yountville ; Construct Park and Ride Lots.  
 Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 150						\$ 150
ENV	TDA	\$ 50						\$ 50
PSE	BT	\$ 165						\$ 165
ROW	OTHER LOCAL	\$ 2,200						\$ 2,200
CON	BT	\$ 2,185						\$ 2,185
CON	TDA	\$ 280						\$ 280
Total Programmed Funding:								\$ 5,030



Transit Projects  
Various Transit Agencies

TIP ID: **SON070013** County: Sonoma System: Transit RTP ID: 22425 CTIPS ID: 20600004071  
 Sponsor: North Bay Ferry Service Implementing Agency: North Bay Ferry Service  
 Project Name: Ferry Service to Port Sonoma  
 Description: SW Sonoma County; Port Sonoma; Construct multi-modal transit facility linking Ferry service to passenger rail, bus service, and auto traffic (Env. Phase Only).  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK		\$ 19,309					\$ 19,309
PE	PRIVATE		\$ 3,862					\$ 3,862
Total Programmed Funding:			\$ 23,171					\$ 23,171

TIP ID: **SON090030** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600004592  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: AVL System  
 Description: Petaluma Transit: Purchase and install Automatic Vehicle Location (AVL) System on all vehicles in Petaluma Transit fixed route fleet.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 472						\$ 472
CON	OTHER LOCAL	\$ 136						\$ 136
CON	PROP	\$ 52						\$ 52
CON	TDA	\$ 11						\$ 11
Total Programmed Funding:								\$ 672

TIP ID: **SON110051** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005449  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma: Purchase 2 Paratransit Cutaways FY13  
 Description: In Petaluma: Purchase two (2) paratransit vans for Petaluma Paratransit. One van replaces an older van in the current fleet and one van is for an expansion of the fleet.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 9						\$ 9
CON	5339	\$ 125						\$ 125
CON	TDA	\$ 33						\$ 33
Total Programmed Funding:								\$ 167

TIP ID: **SON110052** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005450  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma: Replace 2 Paratransit Cutaways FY14  
 Description: In Petaluma: Replace two (2) paratransit vans for Petaluma Paratransit  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 11						\$ 11
CON	5339	\$ 127						\$ 127
CON	TDA	\$ 34						\$ 34
Total Programmed Funding:								\$ 172



Transit Projects  
Various Transit Agencies

TIP ID: **SON130020** County: Sonoma System: Transit RTP ID: 240650 CTIPS ID: 20600005776  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: Transit Signal Priority System  
 Description: In Petaluma: Various intersections: Upgrade existing traffic signals to replace existing or install new Transit Signal Priority hardware on intersections within the City of Petaluma. Project is phased.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 19,304

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 1						\$ 1
PE	OTHER LOCAL	\$ 72	\$ 18					\$ 90
PE	TDA	\$ 8						\$ 8
PSE	OTHER LOCAL	\$ 31						\$ 31
PSE	STP	\$ 58						\$ 58
CON	OTHER LOCAL	\$ 20						\$ 20
CON	STP	\$ 230	\$ 91					\$ 321
Total Programmed Funding:			\$ 109					\$ 528

TIP ID: **SON150004** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005901  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: Purchase (1) Fixed Route Bus  
 Description: Petaluma Transit: 40' hybrid bus: Purchase (1) new 40' Diesel Electric Hybrid Low Floor Standard Transit Bus for Petaluma Transit, replaces (1) 2003 Chevy C5500 29' medium duty bus that expended its useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 495						\$ 495
CON	5339	\$ 127						\$ 127
CON	TDA	\$ 155						\$ 155
Total Programmed Funding:								\$ 777

TIP ID: **SON150005** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005902  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: (3) Digital Two-Way Radios  
 Description: Petaluma Transit: Radios: Purchase (3) Digital Two-Way Radios for (3) new Fixed Route Buses for Petaluma Transit (goes with bus replacement project in FY 15 and FY 16).  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 1						\$ 1
CON	TDA	\$ 0						\$ 0
Total Programmed Funding:								\$ 2

TIP ID: **SON150007** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005907  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: ADA Set-Aside  
 Description: Petaluma Transit: Annual ADA Set-Aside  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 167						\$ 167
CON	OTHER LOCAL	\$ 42						\$ 42
Total Programmed Funding:								\$ 209



Transit Projects  
Various Transit Agencies

TIP ID: **SON150014** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005995  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: Purchase (2) Fixed Route Buses  
 Description: Petaluma Transit: (2) 35' hybrid buses: Purchase (2) new 35' Diesel Electric Hybrid Low Floor Standard Transit Bus for Petaluma Transit, replaces (2) 2003 Chevy C5500 29' medium duty buses that have expended their useful lives.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 1,073						\$ 1,073
CON	5339	\$ 118						\$ 118
CON	TDA	\$ 261						\$ 261
Total Programmed Funding:								\$ 1,452

TIP ID: **SON150015** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005996  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: Clipper Equip for Fixed Route Buses  
 Description: Petaluma Transit: On 3 new Fixed Route buses: Install Clipper fare equipment  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 14						\$ 14
CON	TDA	\$ 4						\$ 4
Total Programmed Funding:								\$ 18

TIP ID: **SON150016** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005997  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Transit: Comm Equip for 3 Fixed Route Buses  
 Description: Petaluma Transit: On three (3) new Fixed Route Buses: Purchase and Install Automated Vehicle Locaton (AVL) and Transit Signal Priority Equipment  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 27						\$ 27
CON	TDA	\$ 7						\$ 7
Total Programmed Funding:								\$ 34

TIP ID: **CC-130039** County: Contra Costa System: Transit RTP ID: 240744 CTIPS ID: 20600005603  
 Sponsor: Pittsburg Implementing Agency: Pittsburg  
 Project Name: Pittsburg Multimodal Transit Station Access Imps.  
 Description: In Pittsburg: At the Northeast corner of Railroad Ave and California Ave: Construct a Kiss-n-Ride lot, add a right-turn lane on California Ave and improve multi-modal access to eBART station.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: 4 Post Mile From: Post Mile To: Toll Credits: \$ 149,110

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 162						\$ 162
PE	SALESTAX-MEASURE	\$ 52						\$ 52
CON	CMAQ		\$ 1,300					\$ 1,300
Total Programmed Funding:								\$ 1,514



Transit Projects  
Various Transit Agencies

TIP ID: **SF-070009** County: San Francisco System: Transit RTP ID: 240471 CTIPS ID: 20600003902  
 Sponsor: Port of San Francisco Implementing Agency: Port of San Francisco  
 Project Name: Embarcadero Corridor Transportation Improvements  
 Description: San Francisco: Embarcadero corridor (China Basin & Fisherman's Wharf); Improvements to transit services including signage, parking management strategies, bike/ped improvements & other outreach projects.  
 Air Quality Exempt Code: 4.11 - EXEMPT (40 CFR 93.126) - Directional and informational signs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	OTHER LOCAL	\$ 250						\$ 250
PE	OTHER LOCAL	\$ 100						\$ 100
PSE	OTHER LOCAL	\$ 500						\$ 500
CON	OTHER LOCAL		\$ 1,000					\$ 1,000
CON	RTP-LRP						\$ 3,500	\$ 3,500
Total Programmed Funding:			\$ 1,000				\$ 3,500	\$ 5,350

TIP ID: **SF-170001** County: San Francisco System: Transit RTP ID: 240415 CTIPS ID: 20600006069  
 Sponsor: Port of San Francisco Implementing Agency: Port of San Francisco  
 Project Name: Mission Bay Ferry Terminal  
 Description: San Francisco: At the eastern terminus of 16th St: Construct new ferry landing to service San Francisco Mission Bay and Central Waterfront as a part of the Bay area ferry transit system  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 3,400	\$ 1,000					\$ 4,400
PE	RTP-LRP						\$ 3,600	\$ 3,600
CON	OTHER LOCAL				\$ 1,000			\$ 1,000
CON	RTP-LRP						\$ 8,540	\$ 8,540
Total Programmed Funding:			\$ 1,000		\$ 1,000		\$ 12,140	\$ 17,540

TIP ID: **SF-070004** County: San Francisco System: Transit RTP ID: 230164 CTIPS ID: 20600003897  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Geary Bus Rapid Transit  
 Description: Muni: On Geary Boulevard; Design and implement a BRT project.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	SALESTAX-MEASURE	\$ 8,091						\$ 8,091
PE	SALESTAX-MEASURE	\$ 620						\$ 620
PSE	OTHER LOCAL		\$ 712					\$ 712
PSE	SALESTAX-MEASURE	\$ 22,434						\$ 22,434
CON	OTHER LOCAL			\$ 8,116				\$ 8,116
CON	RTP-LRP						\$ 124,233	\$ 124,233
CON	SALESTAX-MEASURE	\$ 8,021		\$ 11,472				\$ 19,493
Total Programmed Funding:			\$ 712	\$ 19,589			\$ 124,233	\$ 183,700

TIP ID: **SF-090011** County: San Francisco System: Transit RTP ID: 240557 CTIPS ID: 20600004286  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: Oakdale Caltrain Station  
 Description: San Francisco: Oakdale near Palou: Planning, preliminary engineering, and environmental work for a new Caltrain station and transit service adjustments to serve station.  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	SALESTAX-MEASURE	\$ 50		\$ 750				\$ 800
Total Programmed Funding:				\$ 750				\$ 800





Transit Projects  
Various Transit Agencies

TIP ID: **SF-130005** County: San Francisco System: Transit RTP ID: 240730 CTIPS ID: 20600005550  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: Treasure Island Pricing Mobility Improvements  
 Description: In Treasure Island: Pricing Program Mobility Improvements including Transit Capital and maintenance improvements. The project is phased  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars			FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source	Prior Years						
PE	OTHER LOCAL	\$ 1,000						\$ 1,000
CON	PRIVATE			\$ 4,000				\$ 4,000
CON	RTP-LRP						\$ 18,500	\$ 18,500
Total Programmed Funding:				\$ 4,000			\$ 18,500	\$ 23,500

TIP ID: **SF-130010** County: San Francisco System: Transit RTP ID: 240546 CTIPS ID: 20600005539  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: Construct Treasure Island Bus Terminal Facility  
 Description: San Francisco: Treasure Island: Construct Treasure Island Bus Terminal Facility  
 Air Quality Exempt Code: 5.06 - EXEMPT (40 CFR 93.127) - Bus terminals and transfer points  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars			FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source	Prior Years						
PE	OTHER LOCAL	\$ 200						\$ 200
ROW	OTHER LOCAL		\$ 590					\$ 590
CON	PRIVATE			\$ 2,000				\$ 2,000
Total Programmed Funding:			\$ 590	\$ 2,000				\$ 2,790

TIP ID: **SF-150012** County: San Francisco System: Transit RTP ID: 240681 CTIPS ID: 20600005967  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: Bay Area Rapid Transit District (BART)  
 Project Name: San Francisco Travel Smart Rewards Pilot Program  
 Description: In San Francisco: Undertake a pilot program to mitigate congestion on BART by incentivizing riders to shift travel times  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars			FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source	Prior Years						
CON	OTHER LOCAL	\$ 127						\$ 127
CON	VPPP	\$ 508						\$ 508
Total Programmed Funding:								\$ 635

TIP ID: **SCL090019** County: Santa Clara System: Transit RTP ID: 21922 CTIPS ID: 20600004268  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: San Jose International Airport People Mover  
 Description: In San Jose: Provide an automated transit service that connects the San Jose Mineta International Airport to VTA's Guadalupe LRT, Caltrain and future BART stations as well as provide circulation within the Airport.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars			FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source	Prior Years						
PE	SALESTAX-MEASURE	\$ 2,075						\$ 2,075
PSE	RTP-LRP						\$ 51,500	\$ 51,500
PSE	SALESTAX-MEASURE			\$ 2,000				\$ 2,000
ROW	RTP-LRP						\$ 33,400	\$ 33,400
CON	RTP-LRP						\$ 419,025	\$ 419,025
Total Programmed Funding:				\$ 2,000			\$ 503,925	\$ 508,000



Transit Projects  
Various Transit Agencies

TIP ID: **SON030012** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600002869  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa City Bus  
 Project Name: Santa Rosa City Bus: Transit Enhancements  
 Description: Santa Rosa: Various Locations: Upgrade and improve transit facilities including amenities, accessibility, ADA compliance, pedestrian and bicycle access  
 Air Quality Exempt Code: 2.07 - EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 362						\$ 362
CON	OTHER LOCAL	\$ 89						\$ 89
CON	TDA	\$ 29						\$ 29
Total Programmed Funding:								\$ 481

TIP ID: **SON070020** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600004212  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa  
 Project Name: Santa Rosa City Bus Replacement Bus Purchase  
 Description: Santa Rosa CityBus: Purchase 5 Hybrid Electric Replacement Buses and 4 clean diesel buses to replace aging fixed route buses to replace fixed route buses  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 2,171						\$ 2,171
CON	5339	\$ 753						\$ 753
CON	OTHER LOCAL	\$ 886						\$ 886
CON	PROP	\$ 1,490						\$ 1,490
CON	ST-STP	\$ 313						\$ 313
Total Programmed Funding:								\$ 5,613

TIP ID: **SON090023** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600004555  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa City Bus  
 Project Name: Santa Rosa CityBus: Operating Assistance  
 Description: Santa Rosa CityBus: Operating Assistance to Transit Agency  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 11,622						\$ 11,622
CON	OTHER LOCAL	\$ 10,304						\$ 10,304
CON	TDA	\$ 1,318						\$ 1,318
Total Programmed Funding:								\$ 23,244

TIP ID: **SON090024** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600004561  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa City Bus  
 Project Name: Santa Rosa CityBus: Preventative Maintenance  
 Description: Santa Rosa CityBus: Preventative Maintenance program for agency fleet  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 8,039						\$ 8,039
CON	OTHER LOCAL	\$ 1,386						\$ 1,386
CON	TDA	\$ 882						\$ 882
Total Programmed Funding:								\$ 10,307



Transit Projects  
Various Transit Agencies

TIP ID: **SON150008** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005919  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa City Bus  
 Project Name: Santa Rosa Bus: Bus Replacement Purchase  
 Description: Santa Rosa Bus: 40' Fixed Route Vehicle: Replace an aging 40' fixed route diesel bus for operation purposes.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 238
CON	5339							\$ 273
CON	OTHER LOCAL							\$ 1,475
Total Programmed Funding:								\$ 1,986

TIP ID: **SON150017** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600006035  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa City Bus  
 Project Name: SRCityBus Non-Revenue Vehicle and Capital Equipmnt  
 Description: Santa Rosa City Bus: At Transit Mall: Implement transit enhancements and purchase a replacement non-revenue vehicle  
 Air Quality Exempt Code: 2.02 - EXEMPT (40 CFR 93.126) - Purchase of support vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 56
CON	OTHER LOCAL							\$ 14
Total Programmed Funding:								\$ 70

TIP ID: **SON150018** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600006036  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa City Bus  
 Project Name: SR City Bus: Garage Hoist for Bus Repairs  
 Description: Santa Rosa City Bus: Purchase a garage hoist for repairs of the buses  
 Air Quality Exempt Code: 2.04 - EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 288
CON	OTHER LOCAL							\$ 72
Total Programmed Funding:								\$ 360

TIP ID: **SON150019** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600006066  
 Sponsor: Santa Rosa City Bus Implementing Agency: Santa Rosa City Bus  
 Project Name: Implementation of Reimagining CityBus  
 Description: Santa Rosa CityBus: Systemwide: Operating Assistance for implementing Reimagining CityBus  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ							\$ 156
CON	OTHER LOCAL							\$ 20
Total Programmed Funding:								\$ 177

TIP ID: **SOL070032** County: Solano System: Transit RTP ID: 94683 CTIPS ID: 20600004192  
 Sponsor: Solano County Transit (SolTrans) Implementing Agency: Solano County Transit (SolTrans)  
 Project Name: SolTrans: Preventive Maintenance  
 Description: SolTrans: Preventive maintenance of vehicles and equipment necessary for the maintenance of federally funded assets.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307							\$ 1,333
CON	OTHER LOCAL							\$ 688
CON	STP							\$ 1,000
Total Programmed Funding:								\$ 3,021



Transit Projects  
Various Transit Agencies

TIP ID: **SOL090033** County: Solano System: Transit RTP ID: 94683 CTIPS ID: 20600004776  
 Sponsor: Solano County Transit (SolTrans) Implementing Agency: Solano County Transit (SolTrans)  
 Project Name: SolTrans: Bus Maintenance Facility Renovation  
 Description: SolTrans: Bus Maintenance Facility SolTrans: Bus Maintenance Facility Renovation, Construction of Compressed Natural Gas Facility and Upgrading electrical infrastructure for future electric bus charging stations.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 2,950						\$ 2,950
CON	5339	\$ 387						\$ 387
CON	OTHER LOCAL	\$ 834						\$ 834
Total Programmed Funding:								\$ 4,172

TIP ID: **SOL090034** County: Solano System: Transit RTP ID: 94683 CTIPS ID: 20600004788  
 Sponsor: Solano County Transit (SolTrans) Implementing Agency: Solano County Transit (SolTrans)  
 Project Name: Bus Replacement (Alternative Fuel)  
 Description: SolTrans: Replace eight 45' MCI commuter coaches as they reach their useful life.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 2,884						\$ 2,884
CON	5309	\$ 1,260						\$ 1,260
CON	5339	\$ 361						\$ 361
CON	OTHER LOCAL	\$ 891						\$ 891
CON	PROP	\$ 1,559						\$ 1,559
Total Programmed Funding:								\$ 6,955

TIP ID: **SOL110025** County: Solano System: Transit RTP ID: 94683 CTIPS ID: 20600005262  
 Sponsor: Solano County Transit (SolTrans) Implementing Agency: Solano County Transit (SolTrans)  
 Project Name: SolTrans: ADA Paratransit Operating Subsidy  
 Description: SolTrans: ADA Paratransit Operating Subsidy  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 2,152	\$ 324					\$ 2,477
CON	OTHER LOCAL	\$ 538	\$ 81					\$ 619
Total Programmed Funding:								\$ 3,096

TIP ID: **SOL110040** County: Solano System: Transit RTP ID: 94683 CTIPS ID: 20600005513  
 Sponsor: Solano County Transit (SolTrans) Implementing Agency: Solano County Transit (SolTrans)  
 Project Name: SolTrans: Operating Assistance  
 Description: Solano County Transit: Operating Assistance  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 13,089						\$ 13,089
CON	OTHER LOCAL	\$ 13,089						\$ 13,089
Total Programmed Funding:								\$ 26,178



Transit Projects  
Various Transit Agencies

TIP ID: **SON130019** County: Solano System: Transit RTP ID: 94683 CTIPS ID: 20600005816  
 Sponsor: Solano County Transit (SolTrans) Implementing Agency: Solano County Transit (SolTrans)  
 Project Name: Bus Replacement (Commuter)  
 Description: SolTrans: Replace 45' diesel commuter buses which have reached the end of their useful service life with 45' compressed natural gas buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 975						\$ 975
CON	5339	\$ 768						\$ 768
CON	OTHER LOCAL	\$ 436						\$ 436
Total Programmed Funding:								\$ 2,178

TIP ID: **SON030005** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600002450  
 Sponsor: Sonoma County Transit Implementing Agency: Sonoma County Transit  
 Project Name: Sonoma Co Transit: Preventive Maintenance Program  
 Description: Sonoma County Transit: Preventive maintenance program for agency fleet.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 12,558						\$ 12,558
CON	OTHER LOCAL	\$ 3,811						\$ 3,811
Total Programmed Funding:								\$ 16,369

TIP ID: **SON050021** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600003642  
 Sponsor: Sonoma County Transit Implementing Agency: Sonoma County Transit  
 Project Name: Sonoma County Transit: Bus Stop Improvement  
 Description: Sonoma County Transit: Throughout the service area: Acquire and install new bus stop shelters plus other improvements to bus stops  
 Air Quality Exempt Code: 2.07 - EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 119						\$ 119
CON	OTHER LOCAL	\$ 33						\$ 33
Total Programmed Funding:								\$ 152

TIP ID: **SON110049** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005443  
 Sponsor: Sonoma County Transit Implementing Agency: Sonoma County Transit  
 Project Name: Sonoma County Transit: Replacement Bus Purchase  
 Description: Sonoma County Transit: Replace five 40' Orion V CNG transit coaches with five 40' CNG Low-Floor transit coaches.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 852						\$ 852
CON	5339	\$ 630						\$ 630
CON	OTHER LOCAL	\$ 577						\$ 577
Total Programmed Funding:								\$ 2,059



Transit Projects  
Various Transit Agencies

TIP ID: **SON150012** County: Sonoma System: Transit RTP ID: 240735 CTIPS ID: 20600005961  
 Sponsor: Sonoma County Transit Implementing Agency: Sonoma County Transit  
 Project Name: Sonoma County Transit: Replacement CNG Buses  
 Description: Sonoma County Transit: Replace two 40-foot compressed natural gas (CNG)-fueled buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL		\$ 128					\$ 128
CON	PROP		\$ 373					\$ 373
CON	STP		\$ 200					\$ 200
CON	TDA		\$ 212					\$ 212
Total Programmed Funding:			\$ 912					\$ 912

TIP ID: **SON150013** County: Sonoma System: Transit RTP ID: 21017 CTIPS ID: 20600005994  
 Sponsor: Sonoma County Transit Implementing Agency: Sonoma County Transit  
 Project Name: Sonoma County Transit: Replace 2006 CNG Buses  
 Description: Sonoma County Transit: Replace Two 40-foot CNG-fueled buses.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307		\$ 467					\$ 467
CON	5339		\$ 176					\$ 176
CON	OTHER LOCAL		\$ 380					\$ 380
Total Programmed Funding:			\$ 1,024					\$ 1,024

TIP ID: **SON090002** County: Various System: Transit RTP ID: 240736 CTIPS ID: 20600004354  
 Sponsor: Sonoma Marin Area Rail Transit (SMART) Implementing Agency: Sonoma Marin Area Rail Transit  
 Project Name: Sonoma Marin Area Rail Corridor  
 Description: Between Sonoma and Marin Counties: Implement passenger rail service and non-motorized pathway on NWP rail line.  
 Project also references RTP ID 22001  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 2,055,402

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	SALESTAX-MEASURE	\$ 350						\$ 350
ENV	TCRP	\$ 12,050						\$ 12,050
PE	5309	\$ 4,460						\$ 4,460
PE	5339	\$ 428						\$ 428
PSE	AB1171-AB144	\$ 750						\$ 750
PSE	P116	\$ 5,000						\$ 5,000
PSE	SALESTAX-MEASURE	\$ 22,556						\$ 22,556
PSE	TCRP	\$ 24,800						\$ 24,800
ROW	SALESTAX-MEASURE	\$ 16,600						\$ 16,600
ROW	TCRP	\$ 150						\$ 150
CON	5309	\$ 20,000						\$ 20,000
CON	AB1171-AB144	\$ 9,400						\$ 9,400
CON	BT	\$ 58,999						\$ 58,999
CON	CMAQ	\$ 6,100						\$ 6,100
CON	EARMARK	\$ 10,850						\$ 10,850
CON	OTHER STATE	\$ 700						\$ 700
CON	P116	\$ 23,000						\$ 23,000
CON	PROP	\$ 8,322						\$ 8,322
CON	RIP	\$ 4,043						\$ 4,043
CON	SALESTAX-MEASURE	\$ 350,016						\$ 350,016
Total Programmed Funding:								\$ 578,573



Transit Projects  
Various Transit Agencies

TIP ID: **SF-010015** County: San Francisco System: Transit RTP ID: 21342 CTIPS ID: 20600002080  
 Sponsor: Transbay Joint Powers Authority (TBJPA) Implementing Agency: Transbay Joint Powers Authority  
 Project Name: Transbay Term/Caltrain Downtown Ext - Ph.1  
 Description: San Francisco: Transbay Transit Center; Replacement and expansion of the terminal at the present site.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	5309	\$ 21,252						\$ 21,252
PE	BT	\$ 43,731						\$ 43,731
PE	EARMARK	\$ 8,796						\$ 8,796
PE	OTHER LOCAL	\$ 799						\$ 799
PE	SALESTAX-MEASURE	\$ 28,737						\$ 28,737
PSE	5309	\$ 7,885						\$ 7,885
PSE	AB1171-AB144	\$ 39,200						\$ 39,200
PSE	BT	\$ 20,419						\$ 20,419
PSE	EARMARK	\$ 24,459						\$ 24,459
PSE	FED-DISC	\$ 40,000						\$ 40,000
PSE	OTHER LOCAL	\$ 143,966						\$ 143,966
PSE	RIP	\$ 6,762						\$ 6,762
PSE	SALESTAX-MEASURE	\$ 17,893						\$ 17,893
ROW	BT	\$ 52,745						\$ 52,745
ROW	OTHER LOCAL	\$ 37						\$ 37
ROW	RIP	\$ 3,391						\$ 3,391
ROW	SALESTAX-MEASURE	\$ 27,865						\$ 27,865
CON	AB1171-AB144	\$ 110,800						\$ 110,800
CON	BT	\$ 80,522						\$ 80,522
CON	CMAQ	\$ 6,000						\$ 6,000
CON	EARMARK	\$ 2,650						\$ 2,650
CON	FED-DISC	\$ 360,000						\$ 360,000
CON	OTHER LOCAL	\$ 615,642	\$ 360,000					\$ 975,642
CON	SALESTAX-MEASURE	\$ 64,850						\$ 64,850
CON	TIFIA	\$ 171,000						\$ 171,000
Total Programmed Funding:			\$ 360,000					\$ 2,259,400

TIP ID: **SF-050002** County: San Francisco System: Transit RTP ID: 230290 CTIPS ID: 20600002941  
 Sponsor: Transbay Joint Powers Authority (TBJPA) Implementing Agency: Transbay Joint Powers Authority  
 Project Name: Transbay Terminal/Caltrain Downtown Ext: Ph. 2  
 Description: San Francisco: Transbay Terminal; Extend Caltrain commuter rail service from Fourth/Townsend to Transbay Transit Center.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	5339	\$ 1,240						\$ 1,240
PE	BT	\$ 6,983						\$ 6,983
PE	SALESTAX-MEASURE	\$ 23,109						\$ 23,109
ROW	SALESTAX-MEASURE	\$ 45,083						\$ 45,083
CON	OTHER LOCAL			\$ 185,396				\$ 185,396
CON	RTP-LRP						\$ 1,663,600	\$ 1,663,600
Total Programmed Funding:				\$ 185,396			\$ 1,663,600	\$ 1,925,411

TIP ID: **SF-070029** County: San Francisco System: Transit RTP ID: 21342 CTIPS ID: 20600004037  
 Sponsor: Transbay Joint Powers Authority (TBJPA) Implementing Agency: Transbay Joint Powers Authority  
 Project Name: Transbay Transit Center - TIFIA Loan Debt Service  
 Description: San Francisco, Transbay Transit Center: TIFIA Loan debt service for Phase 1 & 2. Update annual debt service amounts based on TIFIA loan agreement.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	TIFIA-DS			\$ 4,088	\$ 8,177	\$ 8,177	\$ 1,054,619	\$ 1,075,061
Total Programmed Funding:				\$ 4,088	\$ 8,177	\$ 8,177	\$ 1,054,619	\$ 1,075,061



Transit Projects  
Various Transit Agencies

TIP ID: **ALA150046** County: Alameda System: Transit RTP ID: 21017 CTIPS ID: 20600006037  
 Sponsor: Union City Transit Implementing Agency: Union City Transit  
 Project Name: Union City Transit Rehab Two (2) Transit Buses  
 Description: Union City Transit: Rehabilitate two (2) compressed natural gas (CNG) buses from 2008 that are now at their mid-life service expectancy. The vehicles have the potential to serve the transit agency longer with some rehabilitation to the vehicles.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307		\$ 410					\$ 410
CON	TDA		\$ 102					\$ 102
Total Programmed Funding:			\$ 512					\$ 512

TIP ID: **ALA170003** County: Alameda System: Transit RTP ID: 240751 CTIPS ID: 20600006073  
 Sponsor: Union City Transit Implementing Agency: Union City Transit  
 Project Name: Union City Transit: Single Point Login Terminals  
 Description: Union City Transit: Systemwide Revenue Transit Vehicles: Implement Single Point Login Terminals, Including Equipment and Programming for Clipper Card.  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL		\$ 3					\$ 3
CON	STP		\$ 21					\$ 21
Total Programmed Funding:			\$ 23					\$ 23

TIP ID: **SOL010007** County: Solano System: Transit RTP ID: 21017 CTIPS ID: 20600002030  
 Sponsor: Vacaville Implementing Agency: Vacaville  
 Project Name: Vacaville Transit: Operating Assistance  
 Description: Vacaville Transit: Operating Assistance  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 10,156						\$ 10,156
CON	OTHER LOCAL	\$ 7,464						\$ 7,464
CON	TDA	\$ 1,849						\$ 1,849
Total Programmed Funding:								\$ 19,469

TIP ID: **SOL110009** County: Solano System: Transit RTP ID: 230635 CTIPS ID: 20600004831  
 Sponsor: Vacaville Implementing Agency: Vacaville  
 Project Name: Vacaville Intermodal Station - Phase 2  
 Description: In Vacaville: Construction of a 137 stall surface parking lot.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	5309	\$ 975						\$ 975
PE	CMAQ	\$ 975						\$ 975
PE	OTHER LOCAL	\$ 127						\$ 127
CON	RTP-LRP						\$ 9,133	\$ 9,133
Total Programmed Funding:							\$ 9,133	\$ 11,210

TIP ID: **SOL130017** County: Solano System: Transit RTP ID: 240601 CTIPS ID: 20600005767  
 Sponsor: Vacaville Implementing Agency: Vacaville  
 Project Name: Transit Marketing and Public Outreach  
 Description: Vacaville: Citywide: Marketing and public outreach of City Coach transit benefits  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ		\$ 171					\$ 171
CON	TDA		\$ 44					\$ 44
Total Programmed Funding:			\$ 215					\$ 215





Transit Projects  
Various Transit Agencies

TIP ID: **ALA110001** County: Alameda System: Transit RTP ID: 240014 CTIPS ID: 20600004769  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: Central Bay Operations and Maintenance Facility  
 Description: WETA: Construct a central bay operations and maintenance facility.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	PROP	\$ 1,156						\$ 1,156
CON	5309	\$ 7,500						\$ 7,500
CON	OTHER FEDERAL		\$ 3,000					\$ 3,000
CON	PROP	\$ 42,240	\$ 16,000					\$ 58,240
CON	STP		\$ 1,325					\$ 1,325
Total Programmed Funding:			\$ 20,325					\$ 71,221

TIP ID: **CC-070062** County: Contra Costa System: Transit RTP ID: 22122 CTIPS ID: 20600003793  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: Richmond Ferry Service  
 Description: WETA: Implement new ferry transit service between Richmond and San Francisco.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	5309	\$ 2,500						\$ 2,500
PE	PROP	\$ 1,871						\$ 1,871
CON	BT	\$ 12,000						\$ 12,000
CON	PROP	\$ 44,000	\$ 1,000					\$ 45,000
Total Programmed Funding:			\$ 1,000					\$ 61,371

TIP ID: **MTC050027** County: Regional System: Transit RTP ID: 22511 CTIPS ID: 20600003417  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: Ferry Service - Berkeley/Albany  
 Description: WETA: Berkeley/Albany: Provide ferry service from Berkeley/Albany to San Francisco.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT	\$ 2,615						\$ 2,615
CON	1064				\$ 5,032			\$ 5,032
CON	PROP	\$ 2,684						\$ 2,684
Total Programmed Funding:					\$ 5,032			\$ 10,331

TIP ID: **MTC050029** County: Regional System: Transit RTP ID: 230581 CTIPS ID: 20600003419  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: SF Ferry Terminal/Berthing Facilities  
 Description: WETA: San Francisco: At the Ferry Terminal; Construct additional ferry docking/berthing facilities in the South Basin to improve ferry access and support WETA berthing/maintenance operational needs. Project is phased.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	5309	\$ 2,500						\$ 2,500
CON	BT	\$ 21,968						\$ 21,968
CON	OTHER FEDERAL		\$ 4,908					\$ 4,908
CON	PROP	\$ 49,500						\$ 49,500
CON	SALESTAX-MEASURE	\$ 1,100						\$ 1,100
Total Programmed Funding:			\$ 4,908					\$ 79,976



Transit Projects  
Various Transit Agencies

TIP ID: **REG070003** County: Regional System: Transit RTP ID: 22509 CTIPS ID: 20600003836  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: Treasure Island Ferry Service  
 Description: Treasurer Island: Implement new ferry transit service between Treasure Island and San Francisco/East Bay locations.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL	\$ 1,000						\$ 1,000
Total Programmed Funding:								\$ 1,000

TIP ID: **REG090054** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600004487  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: WETA: Ferry Channel & Berth Dredging  
 Description: WETA: Various service areas: Dredge ferry channel, ferry basin and berth  
 Air Quality Exempt Code: 2.09 - EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 1,036						\$ 1,036
CON	5337	\$ 1,600						\$ 1,600
CON	OTHER LOCAL	\$ 659						\$ 659
Total Programmed Funding:								\$ 3,295

TIP ID: **REG090055** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600004484  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: WETA: Ferry Propulsion System Replacement  
 Description: WETA: Ongoing: A mid-life overhaul is scheduled when a ferry reaches approximately 12.5 years of service life. Equipment service hours and specific vessel needs may affect the timing of the projects.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 19,484						\$ 19,484
CON	5337	\$ 2,288	\$ 2,880					\$ 5,168
CON	BT	\$ 572	\$ 720					\$ 1,292
CON	OTHER LOCAL	\$ 4,873						\$ 4,873
Total Programmed Funding:								\$ 30,817

TIP ID: **REG090057** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600004486  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: WETA: Ferry Major Component Rehab/Replacement  
 Description: WETA: Ferry vessels are required to undergo periodic haul-out and rehabilitation work to remain in working order over their 25-year life.  
 Air Quality Exempt Code: 2.03 - EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 3,539	\$ 5					\$ 3,544
CON	5309	\$ 1,655						\$ 1,655
CON	5337	\$ 3,496	\$ 5,400	\$ 2,512				\$ 11,408
CON	BT	\$ 1,371	\$ 1,150	\$ 628				\$ 3,149
CON	OTHER LOCAL	\$ 678						\$ 678
CON	SALESTAX-MEASURE	\$ 144	\$ 201					\$ 345
Total Programmed Funding:								\$ 20,780



Transit Projects  
Various Transit Agencies

TIP ID: **REG090067** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600004772  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: WETA: Fixed Guideway Connectors  
 Description: WETA: Various locations: This project will replace/rehab fixed guideway connectors such as floats, floating barges, ramps and gangways throughout the system.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 3,077	\$ 5					\$ 3,083
CON	5309	\$ 2,166						\$ 2,166
CON	5337	\$ 371	\$ 80					\$ 451
CON	BT	\$ 400						\$ 400
CON	OTHER LOCAL	\$ 1,005						\$ 1,005
CON	SALESTAX-MEASURE		\$ 21					\$ 21
Total Programmed Funding:			\$ 106					\$ 7,126

TIP ID: **REG110020** County: Regional System: Transit RTP ID: 21017 CTIPS ID: 20600005209  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: WETA: Facilities Rehabilitation  
 Description: WETA: Various Locations: Rehabilitate ferry facilities in order to maintain existing transit services.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 264						\$ 264
CON	OTHER LOCAL	\$ 66						\$ 66
Total Programmed Funding:								\$ 331

TIP ID: **SF-110053** County: San Francisco System: Transit RTP ID: 21017 CTIPS ID: 20600005487  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: WETA: Replace Ferry Vessels  
 Description: WETA: Fund the replacement of all existing ferry vessels for WETA when the vessels reach the end of their useful life of 25 years.  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 15,549						\$ 15,549
CON	5337	\$ 5,392	\$ 11,450					\$ 16,842
CON	OTHER LOCAL	\$ 5,235						\$ 5,235
CON	PROP		\$ 2,862					\$ 2,862
Total Programmed Funding:			\$ 14,312					\$ 40,489

TIP ID: **SM-110002** County: San Mateo System: Transit RTP ID: 22120 CTIPS ID: 20600004622  
 Sponsor: Water Emergency Transportation Authority (WETA) Implementing Agency: Water Emergency Transportation  
 Project Name: WETA: Redwood City Ferry Service  
 Description: WETA: Redwood City; Implement ferry transit service between Redwood City and San Francisco  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	SALESTAX-MEASURE	\$ 15,000						\$ 15,000
Total Programmed Funding:								\$ 15,000



Transit Projects  
Various Transit Agencies

TIP ID: **CC-030025** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600002703  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WCCTA: Preventive Maintenance Program  
 Description: WestCat: Operating assistance to aid agency with preventive maintenance activities of its fleet.  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 1,868						\$ 1,868
CON	OTHER LOCAL	\$ 641						\$ 641
Total Programmed Funding:								\$ 2,509

TIP ID: **CC-150001** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600005886  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT: Replacement of (10) Paratransit Cut-Aways  
 Description: WestCat: Paratransit vans: Replace (10) 2008 29ft cutaway style Paratransit Vans with (10) similar style vans  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 984						\$ 984
CON	OTHER LOCAL	\$ 246						\$ 246
Total Programmed Funding:								\$ 1,230

TIP ID: **CC-150002** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600005887  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT: Purchase of (10) Radio systems  
 Description: WestCat: Radio systems: Purchase of (10) Radio systems for (10) Cut Away Van's  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 8						\$ 8
CON	OTHER LOCAL	\$ 2						\$ 2
Total Programmed Funding:								\$ 10

TIP ID: **CC-150003** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600005888  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT: Purchase of (2) Electronic Fareboxes  
 Description: WestCat: Fareboxes: Purchase of (2) Fast Fare Electronic Fareboxes  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 28						\$ 28
CON	OTHER LOCAL	\$ 7						\$ 7
Total Programmed Funding:								\$ 36

TIP ID: **CC-150004** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600005903  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT: Replace (1) 2003 40ft Revenue Vehicle  
 Description: WestCAT: Replace (1) 2003 40 foot revenue vehicle with similar (1) 40 foot revenue vehicle  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	5307	\$ 427						\$ 427
CON	OTHER LOCAL	\$ 107						\$ 107
Total Programmed Funding:								\$ 534



Transit Projects  
Various Transit Agencies

TIP ID: **CC-150005** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600005904  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT: Replace (1) 40ft Rev. Vehicle with 45ft  
 Description: WestCat: Replace (1) 2003 40 foot Revenue Vehicle with (1) 45 foot vehicle  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 498						\$ 498
CON	OTHER LOCAL	\$ 124						\$ 124
Total Programmed Funding:								\$ 622

TIP ID: **CC-150014** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600005990  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT: Replace (1) 1998 40 ft Vehicle  
 Description: WCCTA: Replace (1) 1998 Revenue Vehicle with (1) 40 ft Revenue Vehicle  
 Air Quality Exempt Code: 2.10 - EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 435						\$ 435
CON	OTHER LOCAL	\$ 95						\$ 95
Total Programmed Funding:								\$ 530

TIP ID: **CC-150015** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600005991  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT: Purchase (1) Fast Fare Electronic Farebox  
 Description: WestCAT: Purchase and Install (1) FastFare Electronic Farebox for (1) 40 ft Revenue Vehicle  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 14						\$ 14
CON	OTHER LOCAL	\$ 4						\$ 4
Total Programmed Funding:								\$ 18

TIP ID: **CC-150021** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600006068  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCAT - AVL System with APC Element.  
 Description: Western Contra Costa Transit Authority (WestCAT): Systemwide: Purchase and install a new AVL system including automatic passenger counting (APC)  
 Air Quality Exempt Code: 2.05 - EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL			\$ 50				\$ 50
CON	STP			\$ 345				\$ 345
Total Programmed Funding:								\$ 395

TIP ID: **CC-990045** County: Contra Costa System: Transit RTP ID: 21017 CTIPS ID: 20600000908  
 Sponsor: Western Contra Costa Transit Authority (WestCAT) Implementing Agency: Western Contra Costa Transit Authority  
 Project Name: WestCat: ADA Paratransit Operating Subsidy  
 Description: WestCat: ADA Paratransit Operating Subsidy  
 Air Quality Exempt Code: 2.01 - EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	5307	\$ 1,645						\$ 1,645
CON	OTHER LOCAL	\$ 796						\$ 796
Total Programmed Funding:								\$ 2,442

End of section



# **Roadway Project Listings**

# Alameda County



Roadway Projects  
**Alameda County**  
 State Highway Projects

TIP ID: **ALA050079** County: Alameda System: State Highway RTP ID: 21144 CTIPS ID: 20600003665  
 Sponsor: Berkeley Implementing Agency: Alameda County Transportation  
 Project Name: I-80 Gilman Interchange Reconfiguration  
 Description: Berkeley: On Gilman Avenue at I-80; Reconfigure interchange providing dual roundabout at the entrance & exits from I-80 as well as the Eastshore Highway and West Frontage Road.  
 Air Quality Exempt Code: 5.04 - EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment  
 Route: 80 Post Mile From: 6.62 Post Mile To: 6.62 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 740						\$ 740
PE	EARMARK	\$ 1,080						\$ 1,080
PE	OTHER LOCAL	\$ 300						\$ 300
PE	OTHER STATE	\$ 12						\$ 12
PE	SALESTAX-MEASURE	\$ 2,165						\$ 2,165
PSE	SALESTAX-MEASURE			\$ 3,671				\$ 3,671
ROW	SALESTAX-MEASURE			\$ 1,475				\$ 1,475
CON	RTP-LRP						\$ 8,418	\$ 8,418
CON	SALESTAX-MEASURE						\$ 8,271	\$ 8,271
Total Programmed Funding:				\$ 5,146			\$ 16,689	\$ 26,132

TIP ID: **ALA170002** County: Alameda System: State Highway RTP ID: 240318 CTIPS ID: 20600006072  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: I-80/Ashby Avenue Interchange Improvements  
 Description: Alameda County: I-80/Ashby IC: Reconstruct the interchange including constructing new bridge, two roundabouts and bike/ped improvements  
 Air Quality Exempt Code: 5.03 - EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE		\$ 4,000		\$ 2,000			\$ 6,000
ROW	SALESTAX-MEASURE				\$ 1,500			\$ 1,500
CON	RTP-LRP						\$ 46,060	\$ 46,060
Total Programmed Funding:			\$ 4,000		\$ 3,500		\$ 46,060	\$ 53,560

TIP ID: **ALA050014** County: Alameda System: State Highway RTP ID: 22776 CTIPS ID: 20600002800  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: SR 84 Expressway Widening  
 Description: In Livermore: Widen Route 84 from Jack London Blvd. to Pigeon Pass.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 84 Post Mile From: 22.3 Post Mile To: 27.3 Toll Credits: \$ 4,247,341

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	XTRAN	\$ 3,000						\$ 3,000
PSE	XTRAN	\$ 9,000						\$ 9,000
ROW	SALESTAX-MEASURE		\$ 7,311					\$ 7,311
ROW	XTRAN	\$ 17,510						\$ 17,510
CON-CT	XTRAN	\$ 3,852						\$ 3,852
CON	PROP	\$ 20,000						\$ 20,000
CON	RIP	\$ 42,130						\$ 42,130
CON	SALESTAX-MEASURE		\$ 2,689					\$ 2,689
CON	XTRAN	\$ 9,927						\$ 9,927
CON-CE	RIP	\$ 4,900						\$ 4,900
Total Programmed Funding:			\$ 10,000					\$ 120,319





Roadway Projects  
**Alameda County**  
 State Highway Projects

TIP ID: **ALA150001** County: Alameda System: State Highway RTP ID: 240062 CTIPS ID: 20600005814  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: Route 84 widening, Pigeon Pass to I-680  
 Description: In Alameda County: On SR-84 from Pigeon Pass to I-680 (PM 17.9/22.0): Widen roadway from 2 lanes to 4 lanes; On I-680 from SR 84 to north of Andrade Creek: Construct aux lane; On I-680: extend NB express lane to north of Koopman Road (PM 13.3)

Air Quality Exempt Code: NON-EXEMPT

Route: 84 Post Mile From: 17.9 Post Mile To: 22

Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 2,940						\$ 2,940
ENV	SALESTAX-MEASURE	\$ 5,000						\$ 5,000
PE	RTP-LRP						\$ 13,650	\$ 13,650
PE	SALESTAX-MEASURE			\$ 2,000				\$ 2,000
ROW	RTP-LRP						\$ 28,500	\$ 28,500
ROW	SALESTAX-MEASURE			\$ 2,000				\$ 2,000
CON	RTP-LRP						\$ 165,910	\$ 165,910
Total Programmed Funding:				\$ 4,000			\$ 208,060	\$ 220,000

TIP ID: **ALA978004** County: Alameda System: State Highway RTP ID: 94506 CTIPS ID: 10600000445  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: East-West Connector in Fremont & Union City  
 Description: In Fremont & Union City: From I-880 to Route 238; Construct new 4-lane roadway and widen existing roadways. Project is phased

Air Quality Exempt Code: NON-EXEMPT

Route: 84 Post Mile From: Post Mile To:

Toll Credits: \$ 1,376,400

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 5,290						\$ 5,290
PSE	SALESTAX-MEASURE	\$ 15,798						\$ 15,798
ROW	SALESTAX-MEASURE	\$ 35,455						\$ 35,455
CON	RIP						\$ 12,000	\$ 12,000
CON	RTP-LRP						\$ 125,537	\$ 125,537
CON	SALESTAX-MEASURE			\$ 2,000				\$ 2,000
Total Programmed Funding:				\$ 2,000			\$ 137,537	\$ 196,080

TIP ID: **ALA090016** County: Alameda System: State Highway RTP ID: 240562 CTIPS ID: 20600004341  
 Sponsor: Hayward Implementing Agency: Hayward  
 Project Name: Rt 92/Clawiter/Whitesell Interchange Improvements  
 Description: Hayward: Rt 92/Clawiter Rd. Upgrade existing Clawiter interchange. Add ramps and overcrossing for Whitesell St. extension. Signalize ramp intersections.

Air Quality Exempt Code: NON-EXEMPT

Route: 92 Post Mile From: Post Mile To:

Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 4,200						\$ 4,200
ROW	OTHER LOCAL	\$ 6,600						\$ 6,600
CON	OTHER LOCAL					\$ 1,900		\$ 1,900
CON	RTP-LRP						\$ 42,300	\$ 42,300
Total Programmed Funding:						\$ 1,900	\$ 42,300	\$ 55,000

TIP ID: **ALA090019** County: Alameda System: State Highway RTP ID: 230091 CTIPS ID: 20600004261  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: Corridor Mobility Program & Adaptive Ramp Metering  
 Description: Central Alameda County: I-880/ I-238/ I-580. Install monitoring and signalization I-880, I-238 and I-580.

Air Quality Exempt Code: NON-EXEMPT

Route: 238 Post Mile From: Post Mile To:

Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 146					\$ 146
CON	OTHER LOCAL					\$ 7,283		\$ 7,283
CON	RTP-LRP						\$ 39,571	\$ 39,571
Total Programmed Funding:			\$ 146			\$ 7,283	\$ 39,571	\$ 47,000



Roadway Projects  
**Alameda County**  
 State Highway Projects

TIP ID: **ALA170001** County: Alameda System: State Highway RTP ID: 230110 CTIPS ID: 20600006071  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: State Route 262 (Mission Blvd) Improvements  
 Description: In Fremont: Mission Blvd/I-680 IC: widen Mission Blvd to 3 lanes each direction through IC, rebuild the NB and SB I-680 on and off ramps  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 262 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	SALESTAX-MEASURE			\$ 1,500				\$ 1,500	
PE	SALESTAX-MEASURE			\$ 2,000				\$ 2,000	
ROW	RTP-LRP						\$ 400	\$ 400	
CON	RTP-LRP						\$ 16,220	\$ 16,220	
Total Programmed Funding:				\$ 3,500			\$ 16,620	\$ 20,120	

TIP ID: **ALA170008** County: Alameda System: State Highway RTP ID: 230684 CTIPS ID: 20600006096  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: I-580/680 Interchange HOV/HOT Widening  
 Description: Alameda County: On I-580 between Hacienda Dr. and San Ramon/Foothill Road and on I-680 between Stoneridge Dr. and Amado: Widen to add one HOV/HOT lane for WB 580 to SB 680 and NB 680 to EB 580 movements at connector and to Tassajara Road  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 580 Post Mile From: 18.8 Post Mile To: 21.4 Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	SALESTAX-MEASURE			\$ 1,000				\$ 1,000	
PE	OTHER LOCAL			\$ 2,000				\$ 2,000	
PE	RTP-LRP						\$ 8,000	\$ 8,000	
PSE	RTP-LRP						\$ 20,000	\$ 20,000	
ROW	RTP-LRP						\$ 5,000	\$ 5,000	
CON	RTP-LRP						\$ 150,000	\$ 150,000	
Total Programmed Funding:				\$ 3,000			\$ 183,000	\$ 186,000	

TIP ID: **ALA130034** County: Alameda System: State Highway RTP ID: 22042 CTIPS ID: 20600005815  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: I-680 NB HOV/HOT Lane  
 Description: Route I-680: from South of Auto Mall Parkway to State Route 84 in Alameda County, construct NB HOV/HOT Lane.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 680 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	SALESTAX-MEASURE			\$ 8,500				\$ 8,500	
PE	SALESTAX-MEASURE	\$ 8,270						\$ 8,270	
PE	TCRP	\$ 7,000						\$ 7,000	
ROW	SALESTAX-MEASURE	\$ 720						\$ 720	
ROW	SALESTAX-MEASURE	\$ 6,000						\$ 6,000	
CON	SALESTAX-MEASURE		\$ 128,654					\$ 128,654	
CON	TCRP		\$ 13,874					\$ 13,874	
CON-CE	SALESTAX-MEASURE		\$ 25,180					\$ 25,180	
Total Programmed Funding:				\$ 167,708				\$ 198,198	

TIP ID: **ALA070009** County: Alameda System: State Highway RTP ID: 98207 CTIPS ID: 20600003678  
 Sponsor: ACTC/Oakland/Alameda Implementing Agency: Alameda County Transportation  
 Project Name: Oakland/Alameda Freeway Access Project  
 Description: Oakland: Between Oak Street and Union Street; Reconfigure interchange and intersections to improve connections between I-880, the Posey and Webster tubes and the downtown Oakland area.  
 Air Quality Exempt Code: 5.04 - EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment  
 Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL			\$ 2,500				\$ 2,500	
PE	SALESTAX-MEASURE	\$ 5,600						\$ 5,600	
ROW	RTP-LRP						\$ 8,200	\$ 8,200	
ROW	SALESTAX-MEASURE					\$ 2,000		\$ 2,000	
CON	RTP-LRP						\$ 64,700	\$ 64,700	
Total Programmed Funding:				\$ 2,500		\$ 2,000	\$ 72,900	\$ 83,000	



Roadway Projects  
**Alameda County**  
 State Highway Projects

TIP ID: **ALA070042** County: Alameda System: State Highway RTP ID: 22670 CTIPS ID: 20600003994  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Caltrans  
 Project Name: I-880 SB HOV Lanes - Marina Blvd to Hegenberger  
 Description: I-880 Corridor: From Marina Blvd in San Leandro to Hegenberger in Oakland; Construct new SB HOV lanes and reconstruction of interchanges at Marina Blvd and Davis St. and soundwall construction.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 880 Post Mile From: 22.6 Post Mile To: 25.5 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 2,096						\$ 2,096
PE	CMAQ	\$ 7,582						\$ 7,582
PE	OTHER LOCAL	\$ 4,120						\$ 4,120
PE	SALESTAX-MEASURE	\$ 55						\$ 55
PE	STP	\$ 198						\$ 198
PSE	RIP-TE	\$ 400						\$ 400
ROW	OTHER LOCAL	\$ 1,603						\$ 1,603
CON-CT	OTHER LOCAL	\$ 620						\$ 620
CON-CT	PROP	\$ 10,900						\$ 10,900
CON	EARMARK		\$ 540					\$ 540
CON	OTHER LOCAL	\$ 4,800	\$ 500					\$ 5,300
CON	PROP	\$ 83,700						\$ 83,700
Total Programmed Funding:			\$ 1,040					\$ 117,114

TIP ID: **ALA090012** County: Alameda System: State Highway RTP ID: 230066 CTIPS ID: 20600004257  
 Sponsor: San Leandro Implementing Agency: San Leandro  
 Project Name: I-880/Marina Blvd Interchange and Overcrossing Rep  
 Description: San Leandro: I-880/ Marina Blvd. Replace overcrossing and widening roadway plus ramp interchange reconfiguration, intersection improvements including interchange landscaping and bridge architectural features.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 1,000						\$ 1,000
ROW	OTHER LOCAL	\$ 500						\$ 500
CON	SALESTAX-MEASURE	\$ 22,400	\$ 2,000					\$ 24,400
Total Programmed Funding:			\$ 2,000					\$ 25,900

TIP ID: **ALA090020** County: Alameda System: State Highway RTP ID: 230054 CTIPS ID: 20600004262  
 Sponsor: Hayward Implementing Agency: Alameda County Transportation  
 Project Name: I-880 Auxiliary lanes at Industrial Parkway  
 Description: Hayward: Construct auxiliary lanes on I-880. NB between Industrial Pkwy and Alameda Creek and SB between Industrial Pkwy and Whipple Rd  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 880 Post Mile From: 14.537 Post Mile To: 13.669 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL				\$ 1,510			\$ 1,510
ROW	RTP-LRP						\$ 250	\$ 250
CON	RTP-LRP						\$ 8,040	\$ 8,040
Total Programmed Funding:					\$ 1,510		\$ 8,290	\$ 9,800

TIP ID: **ALA090021** County: Alameda System: State Highway RTP ID: 230052 CTIPS ID: 20600004263  
 Sponsor: Hayward Implementing Agency: Alameda County Transportation  
 Project Name: I-880 NB and SB Auxiliary lanes  
 Description: Hayward: NB and SB I-880 between West A and Winton. NB I-880 between A St and Paseo Grande.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL				\$ 2,000			\$ 2,000
ROW	RTP-LRP						\$ 2,257	\$ 2,257
CON	RTP-LRP						\$ 17,860	\$ 17,860
Total Programmed Funding:					\$ 2,000		\$ 20,117	\$ 22,117



Roadway Projects  
**Alameda County**  
 State Highway Projects

TIP ID: **ALA110002** County: Alameda System: State Highway RTP ID: 240025 CTIPS ID: 20600004623  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Caltrans  
 Project Name: I-880/Industrial Parkway West Interchange  
 Description: At I-880/Industrial Parkway West, reconstruct interchange, add on/off-ramp lanes, widen ramp lanes, provide HOV bypass lanes and routine accommodation for bicyclists and pedestrians.

Air Quality Exempt Code: NON-EXEMPT

Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	RTP-LRP						\$ 4,500	\$ 4,500
PE	SALESTAX-MEASURE			\$ 2,500				\$ 2,500
ROW-	SALESTAX-MEASURE					\$ 500		\$ 500
ROW	RTP-LRP						\$ 7,175	\$ 7,175
CON	RTP-LRP						\$ 32,966	\$ 32,966
CON-CE	RTP-LRP						\$ 6,000	\$ 6,000
Total Programmed Funding:				\$ 2,500		\$ 500	\$ 50,641	\$ 53,641

TIP ID: **ALA170004** County: Alameda System: State Highway RTP ID: 240037 CTIPS ID: 20600006074  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: I-880/West Winton Avenue Interchange  
 Description: In Hayward: At I-880/West Winton Avenue I/C: Reconstruct I/C including reconfiguration of eastbound to southbound on ramp and new connection to Southland Mall Drive

Air Quality Exempt Code: NON-EXEMPT

Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE			\$ 1,500	\$ 2,000			\$ 3,500
ROW	OTHER LOCAL					\$ 1,500		\$ 1,500
CON	RTP-LRP						\$ 16,000	\$ 16,000
Total Programmed Funding:				\$ 1,500	\$ 2,000	\$ 1,500	\$ 16,000	\$ 21,000

TIP ID: **ALA170005** County: Alameda System: State Highway RTP ID: 240052 CTIPS ID: 20600006075  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: I-880/Whipple Road Interchange Improvements  
 Description: In Union City/Hayward: at I-880/Whipple Rd Interchange: Implement full interchange improvements including northbound off-ramp, surface street improvements and realignment, and bike/ped improvements

Air Quality Exempt Code: NON-EXEMPT

Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	RTP-LRP						\$ 5,000	\$ 5,000
PE	SALESTAX-MEASURE			\$ 2,000				\$ 2,000
ROW	RTP-LRP						\$ 1,325	\$ 1,325
ROW	SALESTAX-MEASURE					\$ 2,000		\$ 2,000
CON	RTP-LRP						\$ 49,675	\$ 49,675
Total Programmed Funding:				\$ 2,000		\$ 2,000	\$ 56,000	\$ 60,000

TIP ID: **ALA170010** County: Alameda System: State Highway RTP ID: 230088 CTIPS ID: 20600006100  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: I-880 NB HOV/HOT: North of Hacienda to Hegenberger  
 Description: Alameda County: I-880 in the northbound direction from north of Hacienda Ave to Hegenberger Road: Widen to provide one HOV/express lane

Air Quality Exempt Code: NON-EXEMPT

Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE			\$ 1,500				\$ 1,500
PE	RTP-LRP						\$ 10,000	\$ 10,000
PSE	RTP-LRP						\$ 20,000	\$ 20,000
ROW	RTP-LRP						\$ 15,000	\$ 15,000
CON	RTP-LRP						\$ 174,500	\$ 174,500
Total Programmed Funding:				\$ 1,500			\$ 219,500	\$ 221,000



Roadway Projects  
**Alameda County**  
 State Highway Projects

TIP ID: **ALA978027** County: Alameda System: State Highway RTP ID: 240745 CTIPS ID: 1060000168  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: I-880/SR 262 I/C and HOV lanes  
 Description: I880 corridor: I-880 btw Santa Clara Co. line & Alvarado-Niles; Construct 2 HOV lanes, reconstruct I-880/Warren Ave/SR 262 I/C  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 880 Post Mile From: 0 Post Mile To: 2.9 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	EARMARK	\$ 898						\$ 898
ENV	OTHER LOCAL	\$ 728						\$ 728
PSE	EARMARK	\$ 2,378						\$ 2,378
PSE	GFSTIP	\$ 3,378						\$ 3,378
PSE	OTHER LOCAL	\$ 788						\$ 788
PSE	STP	\$ 500						\$ 500
PSE	XGEN	\$ 4,480						\$ 4,480
ROW	EARMARK	\$ 7,036						\$ 7,036
ROW	OTHER LOCAL	\$ 26,305						\$ 26,305
ROW	RIP	\$ 11,047						\$ 11,047
ROW	XGEN	\$ 1,800						\$ 1,800
CON-CT	GFSTIP	\$ 4,534						\$ 4,534
CON-CT	XGEN	\$ 1,000						\$ 1,000
CON	GFSTIP	\$ 15,020						\$ 15,020
CON	OTHER LOCAL	\$ 13,500						\$ 13,500
CON	XGEN	\$ 36,837						\$ 36,837
ROW-CT	GFSTIP	\$ 1,075						\$ 1,075
Total Programmed Funding:								\$ 131,304

TIP ID: **ALA050019** County: Alameda System: State Highway RTP ID: 22769 CTIPS ID: 20600003326  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: I-880 North Safety Improvements  
 Description: Oakland: I-880 between 23rd Ave to 29th Ave; Reconfigure Interchange, including new ramps.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 504,680

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT	\$ 4,100						\$ 4,100
PE	EARMARK	\$ 1,787						\$ 1,787
PSE	BT	\$ 3,810						\$ 3,810
PSE	RIP	\$ 2,000						\$ 2,000
ROW	AC	\$ 4,400						\$ 4,400
ROW	BT	\$ 750						\$ 750
ROW	OTHER LOCAL	\$ 2,300						\$ 2,300
ROW	SALESTAX-MEASURE	\$ 5,000						\$ 5,000
ROW	XTRAN	\$ 8,049						\$ 8,049
CON	BT	\$ 1,340						\$ 1,340
CON	OTHER LOCAL		\$ 1,661					\$ 1,661
CON	PROP	\$ 73,433						\$ 73,433
Total Programmed Funding:								\$ 108,630

TIP ID: **ALA070014** County: Alameda System: State Highway RTP ID: 22100 CTIPS ID: 20600003682  
 Sponsor: San Leandro Implementing Agency: Alameda County Transportation  
 Project Name: I-880/SR 112 Overcrossing Replacement  
 Description: San Leandro: at the I-880/SR 112 (Davis St.); Replace overcrossing and widening roadway including interchange landscaping and bridge architectural features.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 150						\$ 150
PE	RIP-TE	\$ 400						\$ 400
PSE	EARMARK		\$ 539					\$ 539
PSE	OTHER LOCAL		\$ 134					\$ 134
CON	OTHER LOCAL	\$ 4,500	\$ 2,000					\$ 6,500
Total Programmed Funding:								\$ 7,723



Roadway Projects  
**Alameda County**  
 State Highway Projects

TIP ID: **ALA090018** County: Alameda System: State Highway RTP ID: 240394 CTIPS ID: 20600004260  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: Truck Parking Facilities in North County (Phase I)  
 Description: Alameda County: Provide safe parking facilities in north part of Alameda County.  
 Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL			\$ 1,000				\$ 1,000
ROW	OTHER LOCAL				\$ 500			\$ 500
CON	OTHER LOCAL				\$ 500			\$ 500
Total Programmed Funding:				\$ 1,000	\$ 1,000			\$ 2,000

TIP ID: **ALA170009** County: Alameda System: State Highway RTP ID: 240059 CTIPS ID: 20600006099  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: Widen I-680 NB and SB for EL from SR-84 to Alcosta  
 Description: Alameda County: Northbound and southbound I-680 from Route 84 to Alcosta Boulevard: Widen for express lanes  
 Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	RTP-LRP						\$ 40,000	\$ 40,000
PE	SALESTAX-MEASURE			\$ 1,500				\$ 1,500
ROW	RTP-LRP						\$ 5,000	\$ 5,000
CON	RTP-LRP						\$ 275,500	\$ 275,500
Total Programmed Funding:				\$ 1,500			\$ 320,500	\$ 322,000

End of section



The page left Intentionally blank

Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA130022** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005582  
 Sponsor: Alameda (City) Implementing Agency: Alameda (City)  
 Project Name: Alameda City Complete Streets  
 Description: City of Alameda: Various Locations: Rehabilitate pavement and make minor improvements to stormwater, bike/ped, and transit facilities  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 40						\$ 40
PE	STP	\$ 130						\$ 130
CON	OTHER LOCAL	\$ 154						\$ 154
CON	STP	\$ 505						\$ 505
<b>Total Programmed Funding:</b>								<b>\$ 829</b>

TIP ID: **ALA010003** County: Alameda System: Local Road RTP ID: 240094 CTIPS ID: 10600000723  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Crow Canyon Safety Improvements  
 Description: Alameda County: On Crow Canyon Road: from I-580 north to the Alameda/Contra Costa County line; Safety improvements, shoulder widening and curve realignment.  
 Air Quality Exempt Code: 1.04 - EXEMPT (40 CFR 93.126) - Shoulder improvements  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP	\$ 500						\$ 500
PSE	OTHER LOCAL	\$ 450						\$ 450
ROW	OTHER LOCAL	\$ 550						\$ 550
CON	OTHER LOCAL			\$ 1,500				\$ 1,500
<b>Total Programmed Funding:</b>				<b>\$ 1,500</b>				<b>\$ 3,000</b>

TIP ID: **ALA030002** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600002386  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Alameda: Vasco Road Safety Improvements  
 Description: Livermore: On Vasco Road from 1,000' South of Dalton Ave to CC County line; Realign roadway, provide standard shoulder widths, install median barriers and add truck-climbing lanes. (Total length of truck lanes is .9 miles). Project is phased.  
 Air Quality Exempt Code: 1.17 - EXEMPT (40 CFR 93.126) - Truck climbing lanes outside the urbanized area  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 337						\$ 337
ENV	TCRP	\$ 150						\$ 150
PE	EARMARK	\$ 755						\$ 755
PE	OTHER LOCAL	\$ 120						\$ 120
PE	STP	\$ 480						\$ 480
PSE	OTHER LOCAL	\$ 510						\$ 510
ROW	OTHER LOCAL	\$ 80		\$ 2,000				\$ 2,080
ROW	STP	\$ 3,900						\$ 3,900
ROW	XTRAN	\$ 1,500						\$ 1,500
CON	AC	\$ 320						\$ 320
CON	OTHER LOCAL	\$ 8,121						\$ 8,121
CON	RIP	\$ 4,600						\$ 4,600
CON	RTP-LRP						\$ 19,000	\$ 19,000
CON	STP	\$ 8,635						\$ 8,635
CON	TCRP	\$ 6,350						\$ 6,350
<b>Total Programmed Funding:</b>				<b>\$ 2,000</b>			<b>\$ 19,000</b>	<b>\$ 56,858</b>





Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA090022** County: Alameda System: Local Road RTP ID: 240389 CTIPS ID: 20600004264  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Estuary Bridges Seismic Retrofit and Repairs  
 Description: Oakland: Seismic retrofit and repairs of 3 Oakland Estuary bridges  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 400						\$ 400
ROW	OTHER LOCAL	\$ 300						\$ 300
CON	BR-SEISMIC		\$ 3,400					\$ 3,400
CON	OTHER LOCAL		\$ 300					\$ 300
Total Programmed Funding:			\$ 3,700					\$ 4,400

TIP ID: **ALA090023** County: Alameda System: Local Road RTP ID: 240389 CTIPS ID: 20600004265  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Fruitvale Ave Roadway Bridge Retrofit  
 Description: Alameda County: Retrofit Fruitvale Roadway Bridge a lifeline facility  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 1,000	\$ 500					\$ 1,500
ROW	OTHER LOCAL				\$ 500			\$ 500
CON	OTHER LOCAL					\$ 500		\$ 500
Total Programmed Funding:			\$ 500		\$ 500	\$ 500		\$ 2,500

TIP ID: **ALA130018** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005630  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Alameda Co-Variou Streets and Roads Preservation  
 Description: Unincorporated Alameda County: Various roadways including Grove Way, Lake Chabot Rd, A St, Vasco Rd, and Liberty St: Rehabilitate pavement  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 13						\$ 13
PE	STP	\$ 100						\$ 100
CON	OTHER LOCAL	\$ 234						\$ 234
CON	STP	\$ 1,800						\$ 1,800
Total Programmed Funding:								\$ 2,147

TIP ID: **ALA150002** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005840  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Niles Canyon Rd (SR 84)/Pleas-Sunol Rd Inter. Imps  
 Description: In Sunol Area: At Niles Canyon Rd(SR 84), Pleasanton Sunol Rd and Paloma Rd intersection: intersection improvements at the four corners includeing installation of a traffic signal, shoulder improvements and a right lane modification  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 500						\$ 500
ROW	OTHER LOCAL		\$ 300					\$ 300
CON	OTHER LOCAL		\$ 1,700					\$ 1,700
Total Programmed Funding:			\$ 2,000					\$ 2,500



Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA130028** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005732  
 Sponsor: Berkeley Implementing Agency: Berkeley  
 Project Name: Hearst Avenue Complete Streets  
 Description: In Berkeley: Hearst St from Shattuck Ave to Gayley/La Loma: Implement access and safety improvements to Downtown Berkeley PDA for all modes, includes a road diet from Shattuck Ave to Euclid Ave  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 545						\$ 545
CON	OTHER LOCAL	\$ 710						\$ 710
CON	STP	\$ 2,156						\$ 2,156
Total Programmed Funding:								\$ 3,411

TIP ID: **ALA150049** County: Alameda System: Local Road RTP ID: 240393 CTIPS ID: 20600006045  
 Sponsor: Berkeley Implementing Agency: Berkeley  
 Project Name: goBerkeley Residential Shared Parking Pilot  
 Description: In Berkeley: In residential areas adjacent to Southside/Telegraph and Elmwood goBerkeley program areas: Implement parking pricing pilot; In pilot areas: Implement TDM strategies and outreach focused on businesses and residents  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ		\$ 950					\$ 950
CON	OTHER LOCAL		\$ 470					\$ 470
Total Programmed Funding:								\$ 1,420

TIP ID: **ALA130005** County: Alameda System: Local Road RTP ID: 240038 CTIPS ID: 20600005726  
 Sponsor: Dublin Implementing Agency: Dublin  
 Project Name: Dougherty Road widening  
 Description: Dublin: Dougherty Road from Sierra Lane to North City Limit: Widen from 4 lanes to 6 lanes  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 2,150						\$ 2,150
ROW	OTHER LOCAL		\$ 1,240					\$ 1,240
CON	OTHER LOCAL			\$ 1,817				\$ 1,817
CON	SALESTAX-MEASURE			\$ 13,783				\$ 13,783
Total Programmed Funding:								\$ 18,990

TIP ID: **ALA130006** County: Alameda System: Local Road RTP ID: 240250 CTIPS ID: 20600005729  
 Sponsor: Dublin Implementing Agency: Dublin  
 Project Name: Dublin Boulevard widening  
 Description: In Dublin: Dublin Blvd between Sierra Court and Dublin Court: Widen from 4 lanes to 6 lanes.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 262						\$ 262
PE	OTHER LOCAL	\$ 419						\$ 419
ROW	OTHER LOCAL		\$ 381					\$ 381
CON	OTHER LOCAL		\$ 268					\$ 268
CON	SALESTAX-MEASURE		\$ 3,000					\$ 3,000
Total Programmed Funding:								\$ 4,330



Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA130012** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005681  
 Sponsor: Dublin Implementing Agency: Dublin  
 Project Name: Dublin Boulevard Preservation  
 Description: In Dublin: Dublin Boulevard between San Ramon Road and Village Parkway, Dublin Boulevard between San Ramon Road and Village Parkway: Pavement preservation  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL	\$ 91							\$ 91
CON	OTHER LOCAL	\$ 168							\$ 168
CON	STP	\$ 470							\$ 470
Total Programmed Funding:									\$ 729

TIP ID: **ALA150003** County: Alameda System: Local Road RTP ID: 21473 CTIPS ID: 20600005846  
 Sponsor: Dublin Implementing Agency: Dublin  
 Project Name: Dublin Blvd. - North Canyons Pkwy Extension  
 Description: Dublin: Between Dublin Boulevard and North Canyons Parkway: Build roadway extension  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL		\$ 400						\$ 400
CON	RTP-LRP						\$ 12,000		\$ 12,000
Total Programmed Funding:								\$ 12,000	\$ 12,400

TIP ID: **ALA130021** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005687  
 Sponsor: Emeryville Implementing Agency: Emeryville  
 Project Name: Emeryville - Hollis Street Preservation  
 Description: Emeryville: Hollis Street north of Powell Street, Hollis Street (63rd Street to Ocean Avenue), Hollis Street (65th Street to 66th Street), Hollis Street (66th Street to north of 67th Street [City Limits]): Rehabilitate Pavement  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL	\$ 10							\$ 10
ROW	OTHER LOCAL	\$ 1							\$ 1
CON	OTHER LOCAL		\$ 601						\$ 601
CON	STP		\$ 100						\$ 100
Total Programmed Funding:									\$ 712

TIP ID: **ALA130001** County: Alameda System: Local Road RTP ID: 21484 CTIPS ID: 20600005725  
 Sponsor: Fremont Implementing Agency: Fremont  
 Project Name: Widen Kato Rd from Warren Avenue to Milmont Drive  
 Description: In Fremont: Widen Kato Road from Warren Avenue to Milmont Drive. Widen Kato Road to four lanes and install bike lanes on both sides of the roadway and modify traffic signal at Kato Rd/Milmont Ave.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	OTHER LOCAL	\$ 50							\$ 50
PE	OTHER LOCAL	\$ 100							\$ 100
PSE	OTHER LOCAL	\$ 250							\$ 250
CON	OTHER LOCAL					\$ 2,000			\$ 2,000
CON	RTP-LRP						\$ 10,290		\$ 10,290
Total Programmed Funding:								\$ 10,290	\$ 12,690



Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA130025** County: Alameda System: Local Road RTP ID: 240391 CTIPS ID: 20600005686  
 Sponsor: Fremont Implementing Agency: Fremont  
 Project Name: Fremont City Center Multi-Modal Improvements  
 Description: Fremont: Capital Ave from State St to Fremont Blvd: Construct roadway extension; Various locations around Fremont City Center and Fremont BART Station: Implement multi-modal improvements to enhance bike/ped connections. Project is phased  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 943						\$ 943
ROW	OTHER LOCAL	\$ 5,300						\$ 5,300
CON	OTHER LOCAL	\$ 2,244						\$ 2,244
CON	STP	\$ 5,855						\$ 5,855
<b>Total Programmed Funding:</b>								<b>\$ 14,342</b>

TIP ID: **ALA130013** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005591  
 Sponsor: Hayward Implementing Agency: Hayward  
 Project Name: Hayward - Industrial Boulevard Preservation  
 Description: Hayward: Industrial Boulevard from Clawiter Road to 659 ft south of Depot Road: Pavement rehabilitation  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 10						\$ 10
PE	STP	\$ 70						\$ 70
CON	OTHER LOCAL	\$ 164						\$ 164
CON	STP	\$ 1,265						\$ 1,265
<b>Total Programmed Funding:</b>								<b>\$ 1,509</b>

TIP ID: **ALA150022** County: Alameda System: Local Road RTP ID: 230550 CTIPS ID: 20600005931  
 Sponsor: Hayward Implementing Agency: Hayward  
 Project Name: City of Hayward Car Sharing Services  
 Description: Hayward: Various locations: Obtain car sharing services in downtown Hayward and possible additional locations through a competitive RFP process.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ	\$ 200						\$ 200
CON	OTHER LOCAL	\$ 45						\$ 45
<b>Total Programmed Funding:</b>								<b>\$ 246</b>

TIP ID: **ALA150051** County: Alameda System: Local Road RTP ID: 240382 CTIPS ID: 20600006065  
 Sponsor: Livermore Amador Valley Transit (LAVTA) Implementing Agency: Livermore Amador Valley Transit  
 Project Name: Wheels Individualized Marketing Program  
 Description: LAVTA: Systemwide: Implement a multi-pronged marketing program directed at key subsets of the riding public with the goal of converting non-users to public transit passengers  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ	\$ 424						\$ 424
CON	OTHER LOCAL	\$ 55						\$ 55
<b>Total Programmed Funding:</b>								<b>\$ 479</b>



Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA110104** County: Alameda System: Local Road RTP ID: 21013 CTIPS ID: 20600005353  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Caltrans  
 Project Name: Bay Bridge Park  
 Description: Bay Bridge Park in Alameda County, in Oakland at the Oakland Touchdown of the new East Span of the Bay Bridge (Project previously titled "SFOBB Gateway Park")  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 80 Post Mile From: 1.2 Post Mile To: 2.5 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT	\$ 2,000						\$ 2,000
PSE	BT	\$ 2,500						\$ 2,500
PSE	OTHER LOCAL	\$ 1,000						\$ 1,000
CON	BT		\$ 6,000					\$ 6,000
CON	OTHER LOCAL		\$ 5,000					\$ 5,000
Total Programmed Funding:			\$ 11,000					\$ 16,500

TIP ID: **ALA170007** County: Alameda System: Local Road RTP ID: 22425 CTIPS ID: 20600006084  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Alameda County Transportation  
 Project Name: Regional Planning Activities and PPM - Alameda  
 Description: Alameda: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP		\$ 886	\$ 750	\$ 565			\$ 2,201
PE	OTHER LOCAL			\$ 711				\$ 711
PE	STP			\$ 5,489				\$ 5,489
Total Programmed Funding:			\$ 886	\$ 6,950	\$ 565			\$ 8,401

TIP ID: **ALA010052** County: Alameda System: Local Road RTP ID: 21103 CTIPS ID: 20600002173  
 Sponsor: Newark Implementing Agency: Newark  
 Project Name: Central Avenue Railroad Overpass at UPRR  
 Description: Newark: On Central Avenue at the Union Pacific Railroad tracks; Construct grade separation. No new lanes. Project is phased  
 Air Quality Exempt Code: 1.01 - EXEMPT (40 CFR 93.126) - Railroad/highway crossing  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	XGEN	\$ 145						\$ 145
PE	EARMARK	\$ 567						\$ 567
PE	SALESTAX-MEASURE	\$ 2,765						\$ 2,765
PSE	OTHER LOCAL	\$ 238						\$ 238
PSE	XGEN	\$ 485						\$ 485
ROW	SALESTAX-MEASURE	\$ 2,235						\$ 2,235
CON	OTHER LOCAL	\$ 146						\$ 146
CON	RTP-LRP						\$ 1,735	\$ 1,735
CON	SALESTAX-MEASURE	\$ 10,765						\$ 10,765
Total Programmed Funding:							\$ 1,735	\$ 19,081

TIP ID: **ALA130027** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005734  
 Sponsor: Newark Implementing Agency: Newark  
 Project Name: Enterprise Drive Complete Streets and Road Diet  
 Description: Newark: Enterprise Drive between Filbert Street and approximately 350 feet west of Wells Avenue adjacent to the Dumbarton Transit Oriented Development plan area: Implement Road Diet and rehabilitate pavement  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 10						\$ 10
ROW	OTHER LOCAL	\$ 2						\$ 2
CON	OTHER LOCAL		\$ 294					\$ 294
CON	STP		\$ 454					\$ 454
Total Programmed Funding:			\$ 748					\$ 760



Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA130015** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005657  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Lake Merritt BART Bikeways  
 Description: Oakland: Various Streets near the Lake Merritt BART Station: Implement road diets, install high quality bikeways and curb ramps, and resurface the street  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 305						\$ 305
CON	STP	\$ 571						\$ 571
CON	VRF	\$ 1,913						\$ 1,913
Total Programmed Funding:								\$ 2,789

TIP ID: **ALA130016** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005623  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland Complete Streets  
 Description: In Oakland: Various federal aid eligible streets: Resurfacing and preventive maintenance including installation of ADA-compliant curb ramps, and installation (or reinstatement) of bikeway facilities recommended by the City's Bicycle Master Plan.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 61						\$ 61
PE	STP	\$ 467						\$ 467
CON	OTHER LOCAL	\$ 439						\$ 439
CON	STP	\$ 3,384						\$ 3,384
Total Programmed Funding:								\$ 4,351

TIP ID: **ALA150023** County: Alameda System: Local Road RTP ID: 230550 CTIPS ID: 20600005932  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland Car Share and Outreach Program  
 Description: Oakland: Citywide: Oakland's car sharing program will extend dedicated car sharing spaces into public right of way and conduct outreach to disadvantaged communities and low-income groups  
 Air Quality Exempt Code: 3.01 - EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ	\$ 321						\$ 321
CON	OTHER LOCAL	\$ 53						\$ 53
Total Programmed Funding:								\$ 373

TIP ID: **ALA150050** County: Alameda System: Local Road RTP ID: 240393 CTIPS ID: 20600006047  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland Parking and Mobility Management Project  
 Description: Oakland: Montclair and select areas of Downtown: Implement demand-responsive parking management and transportation demand management initiatives  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ		\$ 1,300					\$ 1,300
CON	OTHER LOCAL		\$ 284					\$ 284
Total Programmed Funding:								\$ 1,584



Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA991081** County: Alameda System: Local Road RTP ID: 230170 CTIPS ID: 2060000762  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: 42nd Ave. & High St. I-880 Access Improv.  
 Description: Oakland: Widening and re-alignment of local streets in the vicinity of the I-880/42nd & High interchange. Includes modified traffic signals and intersection improvements.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 77 Post Mile From: 27.4 Post Mile To: 28 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	OTHER LOCAL	\$ 800						\$ 800
PSE	RIP	\$ 1,000						\$ 1,000
ROW	RIP	\$ 5,990						\$ 5,990
CON	SALESTAX-MEASURE		\$ 10,000					\$ 10,000
Total Programmed Funding:			\$ 10,000					\$ 17,790

TIP ID: **ALA130019** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005664  
 Sponsor: Piedmont Implementing Agency: Piedmont  
 Project Name: Piedmont Complete Streets (CS)  
 Description: Piedmont: Highland Ave (Sierra to Mountain) and Moraga Ave (Pala to City Limits): Rehabilitate pavement and upgrade pedestrian, bicycle and transit facilities within the project boundaries  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 27						\$ 27
CON	OTHER LOCAL	\$ 404						\$ 404
CON	STP	\$ 129						\$ 129
Total Programmed Funding:								\$ 560

TIP ID: **ALA130009** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005620  
 Sponsor: Pleasanton Implementing Agency: Pleasanton  
 Project Name: Pleasanton Complete Streets  
 Description: Pleasanton: Valley Avenue from Bernal Ave to Hopyard Road and Hopyard Road from Black Avenue to Del Val Parkway: rehabilitate and resurface pavement and installing pedestrian improvements including bike lanes and ADA ramps  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 55						\$ 55
CON	OTHER LOCAL		\$ 183					\$ 183
CON	STP		\$ 832					\$ 832
Total Programmed Funding:			\$ 1,015					\$ 1,070

TIP ID: **ALA090027** County: Alameda System: Local Road RTP ID: 22082 CTIPS ID: 20600004413  
 Sponsor: Port of Oakland Implementing Agency: Alameda County Transportation  
 Project Name: 7th St Grade Separation and Port Arterial Improvem  
 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  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	SALESTAX-MEASURE		\$ 15,000					\$ 15,000
PSE	SALESTAX-MEASURE		\$ 18,000					\$ 18,000
ROW	OTHER LOCAL		\$ 1,000					\$ 1,000
CON	OTHER LOCAL			\$ 2,000				\$ 2,000
CON	RTP-LRP						\$ 201,032	\$ 201,032
Total Programmed Funding:			\$ 34,000	\$ 2,000			\$ 201,032	\$ 237,032



Roadway Projects  
**Alameda County**  
 Local Road Projects

TIP ID: **ALA050002** County: Alameda System: Local Road RTP ID: 21451 CTIPS ID: 20600002788  
 Sponsor: San Leandro Implementing Agency: San Leandro  
 Project Name: SR 185- E. 14th St/ Hesperian Blvd/150th Ave  
 Description: San Leandro: 150th/E. 14th/Hesperian; construct NB left turn Ln from Hesperian to E.14th, EB left turn Ln from E.14th to 150th Av & SB Ln from Hesperian to 150th and other traffic circulation improvements.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 185 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 180						\$ 180
ENV	XTRAN	\$ 65						\$ 65
PE	OTHER LOCAL	\$ 20						\$ 20
PE	XTRAN	\$ 69						\$ 69
PSE	OTHER LOCAL	\$ 50						\$ 50
PSE	XTRAN	\$ 300						\$ 300
ROW	OTHER LOCAL	\$ 500						\$ 500
ROW	XTRAN	\$ 300						\$ 300
CON	OTHER LOCAL	\$ 1,189						\$ 1,189
CON	SALESTAX-MEASURE	\$ 466						\$ 466
CON	XTRAN	\$ 261						\$ 261
Total Programmed Funding:								\$ 3,400

TIP ID: **ALA130008** County: Alameda System: Local Road RTP ID: 240386 CTIPS ID: 20600005695  
 Sponsor: San Leandro Implementing Agency: San Leandro  
 Project Name: San Leandro Boulevard Preservation  
 Description: San Leandro: San Leandro Blvd from Williams St to Hudson Ln: Pavement Preservation  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 71						\$ 71
CON	OTHER LOCAL	\$ 672						\$ 672
CON	STP	\$ 804						\$ 804
Total Programmed Funding:								\$ 1,547

TIP ID: **ALA150029** County: Alameda System: Local Road RTP ID: 22425 CTIPS ID: 20600005969  
 Sponsor: University of California, Berkeley Implementing Agency: University of California, Berkeley  
 Project Name: UC Berkeley Parking Price Auction Study  
 Description: Berkeley: UC Berkeley: Conduct study to determine the real value of parking of current parking permit holders who pay a discounted rate relative to commercially available parking  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 42						\$ 42
PE	VPPP	\$ 169						\$ 169
Total Programmed Funding:								\$ 211

End of section





The page left Intentionally blank

Roadway Projects  
**Alameda County**  
 Bike/Pedestrian Projects

TIP ID: **ALA150007** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005867  
 Sponsor: Alameda (City) Implementing Agency: Alameda (City)  
 Project Name: Cross Alameda Trail (includes SRTS component)  
 Description: City of Alameda: between Webster St and Sherman St: construct a new trail with an on-street portion.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	ATP-REG	\$ 226						\$ 226
PSE	OTHER LOCAL	\$ 24						\$ 24
PSE	SALESTAX-MEASURE	\$ 6						\$ 6
CON	ATP-REG	\$ 2,005						\$ 2,005
CON	OTHER LOCAL	\$ 207						\$ 207
CON	SALESTAX-MEASURE	\$ 53						\$ 53
Total Programmed Funding:								\$ 2,521

TIP ID: **ALA050035** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600003368  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Cherryland/Ashland/CastroValley/Fairview Sidwklmp  
 Description: Cherryland, Ashland, Castro Valley, Fairview, San Lorenzo and other Unincorporated Areas of Alameda County: Sidewalk improvements in the vicinity of Schools within unincorporated Alameda County area.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL		\$ 24	\$ 5				\$ 29
PE	CMAQ	\$ 130						\$ 130
PE	EARMARK	\$ 1,059						\$ 1,059
PE	OTHER LOCAL	\$ 95						\$ 95
PSE	ATP-REG			\$ 650				\$ 650
PSE	OTHER LOCAL		\$ 130	\$ 75				\$ 205
ROW	OTHER LOCAL		\$ 25	\$ 12				\$ 37
CON	ATP-REG	\$ 858			\$ 375			\$ 1,233
CON	CMAQ	\$ 300						\$ 300
CON	EARMARK	\$ 3,330						\$ 3,330
CON	OTHER LOCAL	\$ 369			\$ 80			\$ 449
CON	RIP-TE	\$ 1,150						\$ 1,150
Total Programmed Funding:								\$ 8,667

TIP ID: **ALA150006** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005864  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Be Oakland, Be Active  
 Description: Oakland: Citywide: Promote walking and cycling in 41 of Oakland Unified School District's most disadvantaged schools.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	ATP-REG	\$ 988						\$ 988
Total Programmed Funding:								\$ 988

TIP ID: **ALA150026** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005951  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Safe Routes to School, Unincorporated Alameda Co.  
 Description: In Unincorporated Alameda County: Various schools: Bicycle and pedestrian education for children walking and biking to school.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	ATP-REG	\$ 668						\$ 668
Total Programmed Funding:								\$ 668



Roadway Projects  
**Alameda County**  
 Bike/Pedestrian Projects

TIP ID: **ALA150028** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005954  
 Sponsor: Alameda County Implementing Agency: Alameda County  
 Project Name: Ashland Avenue Bicycle/Ped Improvements  
 Description: Ashland, Unincorporated Alameda County: Ashland Avenue between E.Lewelling Blvd and East 14th St: Widen sidewalk, Install Class II Bicycle lanes and ped lighting  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 105						\$ 105
CON	ATP-REG	\$ 708						\$ 708
CON	OTHER LOCAL	\$ 97						\$ 97
Total Programmed Funding:								\$ 910

TIP ID: **ALA110033** County: Alameda System: Local Road RTP ID: 240393 CTIPS ID: 20600004908  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: Alameda County Safe Routes to School  
 Description: Alameda County: Countywide SR2S Program including education & outreach in various K-12 schools, ridesharing, & project development.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	CMAQ	\$ 6,962	\$ 1,073					\$ 8,035
CON	OTHER LOCAL	\$ 1,569	\$ 140					\$ 1,709
CON	STP	\$ 1,400						\$ 1,400
Total Programmed Funding:								\$ 11,144

TIP ID: **ALA150011** County: Alameda System: Local Road RTP ID: 21011 CTIPS ID: 20600005879  
 Sponsor: Albany Implementing Agency: Albany  
 Project Name: Complete Streets for San Pablo Ave/Buchanan St.  
 Description: Albany: San Pablo Ave and Buchanan St: Implement Complete Streets elements including curb extensions, high visibility crosswalks, medians, pedestrian signals and gateway improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 123 Post Mile From: 4.764 Post Mile To: 5.171 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	OTHER LOCAL	\$ 20						\$ 20
PSE	ATP-ST	\$ 335						\$ 335
PSE	OTHER LOCAL	\$ 65						\$ 65
ROW	OTHER LOCAL	\$ 20						\$ 20
CON	RTP-LRP						\$ 3,087	\$ 3,087
Total Programmed Funding:								\$ 3,527

TIP ID: **ALA130026** County: Alameda System: Local Road RTP ID: 240391 CTIPS ID: 20600005722  
 Sponsor: Berkeley Implementing Agency: Berkeley  
 Project Name: Shattuck Complete Streets and De-couplet  
 Description: Berkeley: Shattuck Ave, Shattuck Square and Berkeley Square from Allston Way to University Ave intersection: Reconfigure travel lanes and parking, repair pavement and make other improvements  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 610						\$ 610
CON	OTHER LOCAL		\$ 375					\$ 375
CON	STP		\$ 2,777					\$ 2,777
Total Programmed Funding:								\$ 3,762



Roadway Projects  
**Alameda County**  
 Bike/Pedestrian Projects

TIP ID: **ALA150005** County: Alameda System: Local Road RTP ID: 240197 CTIPS ID: 20600005863  
 Sponsor: Berkeley Implementing Agency: Berkeley  
 Project Name: LeConte Elementary Safe Routes to School Imps  
 Description: Berkeley: Shattuck Ave between Ward St and Russell St: Pedestrian crossing improvements near LeConte School.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PSE	ATP-REG	\$ 82						\$ 82
PSE	OTHER LOCAL	\$ 11						\$ 11
CON	ATP-REG	\$ 600						\$ 600
CON	OTHER LOCAL	\$ 78						\$ 78
Total Programmed Funding:								\$ 771

TIP ID: **ALA110120** County: Alameda System: Local Road RTP ID: 240726 CTIPS ID: 20600005434  
 Sponsor: Livermore Implementing Agency: Livermore  
 Project Name: Livermore TOD Study at I-580/SR84  
 Description: In Livermore: Near I-580/SR84 I/C: Create a community-based transit-oriented development plan for local land uses and access improvements to complement a planned Phase 1 extension of the BART system to Livermore  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 580 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	FED-DISC		\$ 286					\$ 286
PE	OTHER LOCAL		\$ 211					\$ 211
Total Programmed Funding:								\$ 497

TIP ID: **ALA150009** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005871  
 Sponsor: Livermore Implementing Agency: Livermore  
 Project Name: Livermore Marylin Avenue Safe Routes to School  
 Description: Livermore: Marylin Avenue Elementary School: Safe Routes to School infrastructure improvements surrounding Marylin Avenue Elementary School.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	OTHER LOCAL	\$ 1						\$ 1
PSE	ATP-REG	\$ 83						\$ 83
PSE	OTHER LOCAL	\$ 11						\$ 11
CON	ATP-REG	\$ 275						\$ 275
CON	OTHER LOCAL	\$ 36						\$ 36
Total Programmed Funding:								\$ 405

TIP ID: **ALA130030** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005751  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Caltrans  
 Project Name: Improved Bike/Ped Access to East Span of SFOBB  
 Description: In Oakland: In the vicinity of the East Span of the San Francisco-Oakland Bay Bridge: Construct improved bicycle and pedestrian access. Project is phased.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	BT	\$ 1,000						\$ 1,000
PSE	BT	\$ 3,500						\$ 3,500
CON	BT					\$ 2,000		\$ 2,000
CON	RIP						\$ 15,000	\$ 15,000
CON	ST-STP						\$ 15,000	\$ 15,000
Total Programmed Funding:						\$ 2,000	\$ 30,000	\$ 36,500



Roadway Projects  
**Alameda County**  
 Bike/Pedestrian Projects

TIP ID: **ALA070039** County: Alameda System: Local Road RTP ID: 240347 CTIPS ID: 20600003991  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland Waterfront Bay Trail  
 Description: Oakland: From Emeryville border to San Leandro border; Construct new segments of the Bay Trail.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 3,738						\$ 3,738
PSE	OTHER LOCAL	\$ 230	\$ 100	\$ 100				\$ 430
CON	CMAQ	\$ 899						\$ 899
CON	OTHER FEDERAL	\$ 643						\$ 643
CON	OTHER LOCAL	\$ 625	\$ 200	\$ 200				\$ 1,025
CON	OTHER STATE	\$ 1,664						\$ 1,664
CON	RTP-LRP						\$ 30,000	\$ 30,000
Total Programmed Funding:			\$ 300	\$ 300			\$ 30,000	\$ 38,399

TIP ID: **ALA110072** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005171  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Lake Merritt Improvement Project  
 Description: In Oakland: Adjacent to Lake Merritt: Reconfigure roadways and construct paths, walls, structures, lighting, parking and landscaping; no added capacity  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	EARMARK		\$ 828					\$ 828
Total Programmed Funding:			\$ 828					\$ 828

TIP ID: **ALA130003** County: Alameda System: Local Road RTP ID: 240227 CTIPS ID: 20600005361  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Lake Merritt to Bay Trail Bike/Ped Bridge  
 Description: Oakland: Over Embarcadero and UPRR tracks under I880 between the Estuary and Lake Merritt along the Channel: Construct ADA accessible bicycle pedestrian bridge to link Bay Trail to Lake Merritt.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	OTHER LOCAL	\$ 833						\$ 833
PSE	ATP-REG	\$ 2,885						\$ 2,885
ROW	ATP-REG	\$ 325						\$ 325
CON	OTHER STATE				\$ 1,000			\$ 1,000
CON	RTP-LRP						\$ 11,169	\$ 11,169
Total Programmed Funding:					\$ 1,000		\$ 11,169	\$ 16,212

TIP ID: **ALA130014** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005674  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: 7th Street West Oakland Transit Village, Phase II  
 Description: In Oakland: On 7th Street between Wood Street and Peralta Street. Project includes road diet, bicycle lanes, sidewalk enhancement, pedestrian amenities, traffic signal mods, street and pedestrian lights, storm drain system mods, and street resurfacing.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 352						\$ 352
CON	SALESTAX-MEASURE		\$ 456					\$ 456
CON	STP		\$ 3,288					\$ 3,288
Total Programmed Funding:			\$ 3,744					\$ 4,096



Roadway Projects  
**Alameda County**  
 Bike/Pedestrian Projects

TIP ID: **ALA130017** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005659  
 Sponsor: Oakland Implementing Agency: Oakland

Project Name: Oakland - Peralta and MLK Blvd Streetscape Phase I  
 Description: Oakland: Peralta St from 3rd St to 36th St and MLK Jr. Blvd. from West Grand to 40th St: Phase 1 components include bike lanes and racks, street lights, landscaping, new sidewalks and pedestrian amenities. Implement Road Diet on MLK Blvd segment.

Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 480						\$ 480
CON	CMAQ	\$ 5,452						\$ 5,452
CON	SALESTAX-MEASURE	\$ 707						\$ 707
<b>Total Programmed Funding:</b>								<b>\$ 6,639</b>

TIP ID: **ALA130024** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005593  
 Sponsor: Oakland Implementing Agency: Oakland

Project Name: Lakeside Complete Streets and Road Diet  
 Description: Oakland: Along Harrison Street and Lakeside Drive between 19th Street and Grand Avenue: implement road diet and install bike and pedestrian facilities

Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 965						\$ 965
CON	CMAQ	\$ 4,754						\$ 4,754
CON	OTHER LOCAL	\$ 3,340						\$ 3,340
CON	SALESTAX-MEASURE	\$ 200						\$ 200
CON	STP	\$ 4,446						\$ 4,446
<b>Total Programmed Funding:</b>								<b>\$ 13,705</b>

TIP ID: **ALA150010** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005876  
 Sponsor: Oakland Implementing Agency: Oakland

Project Name: International Boulevard Improvement Project  
 Description: Oakland: International Boulevard and East 12th Street corridor from 1st Avenue to Durant Avenue: Install pedestrian scale lighting along the corridor, repair sidewalk damage, and install curb ramps.

Air Quality Exempt Code: 1.18 - EXEMPT (40 CFR 93.126) - Lighting improvements

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	SALESTAX-MEASURE	\$ 279						\$ 279
CON	ATP-ST		\$ 2,481					\$ 2,481
CON	OTHER LOCAL		\$ 3,494					\$ 3,494
CON	SALESTAX-MEASURE		\$ 500					\$ 500
<b>Total Programmed Funding:</b>								<b>\$ 6,754</b>

TIP ID: **ALA150012** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005880  
 Sponsor: Oakland Implementing Agency: Oakland

Project Name: Laurel Access to Mills, Maxwell Park and Seminary  
 Description: Oakland: MacArthur Boulevard from High St to Simmons St: Implement bicycle and pedestrian improvements

Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	SALESTAX-MEASURE	\$ 530						\$ 530
ROW	SALESTAX-MEASURE	\$ 50						\$ 50
CON	ATP-ST		\$ 3,598					\$ 3,598
CON	SALESTAX-MEASURE		\$ 39					\$ 39
<b>Total Programmed Funding:</b>								<b>\$ 4,217</b>



Roadway Projects  
**Alameda County**  
 Bike/Pedestrian Projects

TIP ID: **ALA150024** County: Alameda System: Local Road RTP ID: 240391 CTIPS ID: 20600005948  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland: High/Ygnacio/Courtland Bike/Ped Imprvmnts  
 Description: In Oakland: Intersection of High Street, Courtland Avenue and Ygnacio Avenue: Implement improvements for pedestrian and bicyclist safety  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 129,382

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 113						\$ 113
CON	ATP-REG	\$ 1,128						\$ 1,128
<b>Total Programmed Funding:</b>								<b>\$ 1,241</b>

TIP ID: **ALA150025** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600005949  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland Safe Routes to Schools Various Locations  
 Description: In Oakland: At six school locations: Implement crossing and access improvements for pedestrians and bicyclist  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 141,769

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 260						\$ 260
CON	ATP-REG	\$ 1,236						\$ 1,236
<b>Total Programmed Funding:</b>								<b>\$ 1,496</b>

TIP ID: **ALA150042** County: Alameda System: Local Road RTP ID: 240746 CTIPS ID: 20600005998  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland: Telegraph Ave Bike/Ped Imps and Road Diet  
 Description: HSIP7-04-014: In Oakland: Telegraph Ave from 29th to 45th St: Install crosswalk enhancements, painted bulb-outs, and painted median refuges; from 29th to 41st St: Implement road diet with buffered bike lanes; Telegraph at 29th and 45th St: modify signals  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HSIP		\$ 199					\$ 199
PE	OTHER LOCAL		\$ 22					\$ 22
CON	HSIP		\$ 1,145					\$ 1,145
CON	OTHER LOCAL		\$ 127					\$ 127
<b>Total Programmed Funding:</b>								<b>\$ 1,494</b>

TIP ID: **ALA150043** County: Alameda System: Local Road RTP ID: 240746 CTIPS ID: 20600005999  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland: Shattuck and Claremont Bike/Ped Imps  
 Description: HSIP7-04-016 Oakland: On Claremont from Telegraph to Clifton: Implement road diet with bike lanes; Shattuck at 49th, 51st, 59th St, Alcatraz: Construct crosswalk enhancements, RRFBs, bulb-out, and/or median refuges; at Shattuck/Alcatraz: prot. left-turn  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HSIP			\$ 181				\$ 181
PE	OTHER LOCAL			\$ 20				\$ 20
CON	HSIP			\$ 1,223				\$ 1,223
CON	OTHER LOCAL			\$ 136				\$ 136
<b>Total Programmed Funding:</b>								<b>\$ 1,560</b>



Roadway Projects  
**Alameda County**  
 Bike/Pedestrian Projects

TIP ID: **ALA150044** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600006028  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: 19th St BART to Lake Merritt Urban Greenway  
 Description: In Oakland: Between Broadway and Harrison Street: Improvements include sidewalk widening and bulbouts, ped crossing improvements, bikelanes, new traffic signals and signal mods, street/ped lighting, signage, and landscape improvements.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 525,670

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	ATP-ST		\$ 150					\$ 150
PSE	ATP-ST			\$ 550				\$ 550
CON	ATP-ST				\$ 3,883			\$ 3,883
CON	OTHER LOCAL				\$ 100			\$ 100
Total Programmed Funding:			\$ 150	\$ 550	\$ 3,983			\$ 4,683

TIP ID: **ALA150047** County: Alameda System: Local Road RTP ID: 240381 CTIPS ID: 20600006038  
 Sponsor: Oakland Implementing Agency: Oakland  
 Project Name: Oakland: Telegraph Avenue Complete Streets  
 Description: In Oakland, on Telegraph Avenue between 20th St and 41st St, implement complete street project inc. road diet, buffered bike lanes, ped crossing improvements, bulbouts, bus boarding islands, traffic signal improvements, and pavement repair.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 421,752

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	ATP-REG		\$ 175					\$ 175
PSE	ATP-REG			\$ 702				\$ 702
CON	ATP-REG				\$ 3,677			\$ 3,677
CON	OTHER LOCAL				\$ 360			\$ 360
Total Programmed Funding:			\$ 175	\$ 702	\$ 4,037			\$ 4,914

End of section





The page left Intentionally blank

Roadway Projects  
**Alameda County**  
 Port, Freight and Rail Projects

TIP ID: **ALA110046** County: Alameda System: Port/Freight-Rail RTP ID: 240024 CTIPS ID: 20600005081  
 Sponsor: Oakland Implementing Agency: Oakland

Project Name: Oakland Army Base Infrastructure Improvements  
 Description: In Oakland: At former Oakland Army Base: Implementing Army Base Infrastructure Master Plan including TCIF funded OHIT improvements implemented by City of Oakland. For the related Port project, see ALA090026. Project also references RTP ID 22760

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 4,269						\$ 4,269
PE	OTHER LOCAL	\$ 3,770						\$ 3,770
PE	FED-DISC	\$ 2,000						\$ 2,000
PSE	OTHER LOCAL	\$ 3,000						\$ 3,000
PSE	PRIVATE	\$ 13,200						\$ 13,200
CON	OTHER LOCAL	\$ 18,000						\$ 18,000
CON	PROP	\$ 176,341						\$ 176,341
CON	RTP-LRP						\$ 22,000	\$ 22,000
CON	SALESTAX-MEASURE		\$ 5,000	\$ 7,000	\$ 17,000	\$ 17,000		\$ 46,000
Total Programmed Funding:			\$ 5,000	\$ 7,000	\$ 17,000	\$ 17,000	\$ 22,000	\$ 288,580

TIP ID: **ALA070054** County: Alameda System: Port/Freight-Rail RTP ID: 22425 CTIPS ID: 20600004082  
 Sponsor: Port of Oakland Implementing Agency: Alameda County Transportation

Project Name: California Inter-regional Rail Intermodal Study  
 Description: Port of Oakland: Study to determine the feasibility of a freight rail shuttle system between the Port and inland points in the Central Valley.

Air Quality Exempt Code: 4.05 - EXEMPT (40 CFR 93.126) - Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 984						\$ 984
PE	SALESTAX-MEASURE	\$ 250						\$ 250
Total Programmed Funding:								\$ 1,234

TIP ID: **ALA090026** County: Alameda System: Port/Freight-Rail RTP ID: 22760 CTIPS ID: 20600004414  
 Sponsor: Port of Oakland Implementing Agency: Port of Oakland

Project Name: Outer Harbor Intermodal Terminals (OHIT)  
 Description: In Oakland: OHIT, a proposed intermodal rail complex, will be located on the former Oakland Army Base and adjacent land. This listing only includes segments implemented by the Port of Oakland. For City of Oakland segments, see ALA110046.

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 100						\$ 100
PSE	OTHER LOCAL	\$ 13,700						\$ 13,700
CON	OTHER LOCAL	\$ 11,400						\$ 11,400
CON	PROP	\$ 65,800						\$ 65,800
CON	FED-DISC	\$ 15,000						\$ 15,000
Total Programmed Funding:								\$ 106,000

End of section



The page left Intentionally blank

# Contra Costa County



Roadway Projects  
**Contra Costa County**  
 State Highway Projects

TIP ID: **CC-070053** County: Contra Costa System: State Highway RTP ID: 230206 CTIPS ID: 20600003784  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: SR4: Balfour Road Interchange  
 Description: Brentwood: Balfour Road/SR4; Construct new interchange.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 4 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	ECCRF	\$ 5,850						\$ 5,850
ROW	SALESTAX-MEASURE		\$ 14,750					\$ 14,750
CON	ECCRF		\$ 10,150					\$ 10,150
CON	OTHER LOCAL		\$ 1,600					\$ 1,600
CON	SALESTAX-MEASURE		\$ 14,050					\$ 14,050
Total Programmed Funding:			\$ 40,550					\$ 46,400

TIP ID: **CC-130046** County: Contra Costa System: State Highway RTP ID: 21205 CTIPS ID: 20600005791  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: I-680 / SR 4 Interchange Reconstruction - Phase 3  
 Description: In Pacheco: At the I 680/Route 4 interchange: Widen SR4 in the median to provide a third lane in each direction from Morello Avenue to Port Chicago (SR242). Work includes widening of bridges within project limits.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 4 Post Mile From: 20.2 Post Mile To: 22.2 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	SALESTAX-MEASURE	\$ 2,780						\$ 2,780
PSE	SALESTAX-MEASURE		\$ 8,700					\$ 8,700
ROW	RIP			\$ 5,100				\$ 5,100
ROW	SALESTAX-MEASURE		\$ 7,000					\$ 7,000
CON	RTP-LRP						\$ 34,700	\$ 34,700
CON	SALESTAX-MEASURE			\$ 6,810				\$ 6,810
Total Programmed Funding:			\$ 15,700	\$ 11,910			\$ 34,700	\$ 65,090

TIP ID: **CC-050076** County: Contra Costa System: State Highway RTP ID: 22355 CTIPS ID: 20600003731  
 Sponsor: Richmond Implementing Agency: Contra Costa Transportation Authority  
 Project Name: I-80/Central Avenue Interchange Modification  
 Description: I-80/Central Ave; Ph1 Construct new signals and CMS's to redirect I-80 WB on-ramp traffic during weekend peak periods to I-580. Ph2 connect Pierce to San Mateo to relocate signal at Pierce/Central Ave to the San Mateo/Central Ave intersection, and other.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	EARMARK	\$ 1,070						\$ 1,070
ENV	SALESTAX-MEASURE	\$ 375						\$ 375
PSE	SALESTAX-MEASURE	\$ 400						\$ 400
ROW	RIP						\$ 2,000	\$ 2,000
CON	EARMARK		\$ 1,874					\$ 1,874
CON	RTP-LRP						\$ 10,741	\$ 10,741
CON	SALESTAX-MEASURE		\$ 1,800			\$ 6,400		\$ 8,200
Total Programmed Funding:			\$ 3,674			\$ 6,400	\$ 12,741	\$ 24,660



Roadway Projects  
**Contra Costa County**  
 State Highway Projects

TIP ID: **CC-070035** County: Contra Costa System: State Highway RTP ID: 22360 CTIPS ID: 20600003766  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: Reconstruct I-80/San Pablo Dam Rd Interchange  
 Description: San Pablo: I-80/San Pablo Dam Rd I/C: Reconstruct I/C-relocating WB EI Portal on-ramp to the full I/C northwards, providing access to McBryde through a new road from SPDR I/C, and replacing Riverside ped OC. CON is phased. Proj. also incl RTP 22360/21225

Air Quality Exempt Code: NON-EXEMPT

Route: 80 Post Mile From: Post Mile To: Toll Credits: \$ 802,900

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE	\$ 2,369						\$ 2,369
PSE	BT	\$ 583						\$ 583
PSE	OTHER LOCAL	\$ 2,417						\$ 2,417
PSE	RTP-LRP						\$ 1,936	\$ 1,936
PSE	SALESTAX-MEASURE	\$ 3,906						\$ 3,906
ROW	BT	\$ 7,417						\$ 7,417
ROW	RIP					\$ 9,200		\$ 9,200
ROW	RTP-LRP						\$ 4,254	\$ 4,254
ROW	SALESTAX-MEASURE	\$ 801						\$ 801
CON	ATP-REG	\$ 2,000						\$ 2,000
CON	OTHER LOCAL	\$ 583				\$ 7,100		\$ 7,683
CON	RIP	\$ 15,000						\$ 15,000
CON	RTP-LRP						\$ 57,718	\$ 57,718
CON	SALESTAX-MEASURE	\$ 3,644						\$ 3,644
Total Programmed Funding:						\$ 16,300	\$ 63,908	\$ 118,928

TIP ID: **CC-110066** County: Contra Costa System: State Highway RTP ID: 22400 CTIPS ID: 20600005268  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: SR 239 - New State Highway Study  
 Description: SR 239 between SR4 in Brentwood and I-205 in Tracy: Conduct environmental and design studies to create a new alignment for SR239 and develop corridor improvements from Brentwood to Tracy.

Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C

Route: 239 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 8,209	\$ 4,697					\$ 12,906
PE	OTHER LOCAL	\$ 2,164	\$ 1,174					\$ 3,338
PE	RTP-LRP						\$ 13,000	\$ 13,000
Total Programmed Funding:			\$ 5,871				\$ 13,000	\$ 29,244

TIP ID: **CC-010023** County: Contra Costa System: State Highway RTP ID: 21205 CTIPS ID: 20600002120  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5  
 Description: At I-680/SR4: Reconstruct I-680/SR4 I/C, provide 2 lane direct connector from NB 680 to WB SR4 w/slip ramps at Pacheco Blvd, and 2 lane direct EB SR4 to SB I-680. Phases 1, 2, 4 & 5. Env Doc covers all phases.

Air Quality Exempt Code: NON-EXEMPT

Route: 680 Post Mile From: 20.2 Post Mile To: 22.2 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	XGEN	\$ 320						\$ 320
PSE	RTP-LRP						\$ 20,649	\$ 20,649
PSE	SALESTAX-MEASURE			\$ 3,629			\$ 4,462	\$ 8,091
ROW	RTP-LRP						\$ 4,870	\$ 4,870
ROW	SALESTAX-MEASURE					\$ 500		\$ 500
ROW	XGEN	\$ 236						\$ 236
CON	RTP-LRP						\$ 334,650	\$ 334,650
Total Programmed Funding:				\$ 3,629		\$ 500	\$ 364,631	\$ 369,316



Roadway Projects  
**Contra Costa County**  
 State Highway Projects

TIP ID: **CC-050028** County: Contra Costa System: State Highway RTP ID: 22353 CTIPS ID: 20600003388  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: I-680 SB HOV Lane Completion  
 Description: Contra Costa County: I-680 from North Main Street to Livorna in the southbound direction: Construct a HOV lane  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 680 Post Mile From: Post Mile To: Toll Credits: \$ 637,388

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT	\$ 6,742						\$ 6,742
PSE	BT	\$ 1,743						\$ 1,743
ROW	BT	\$ 1,000						\$ 1,000
CON	BT					\$ 4,700		\$ 4,700
CON	RIP					\$ 15,557		\$ 15,557
CON	SALESTAX-MEASURE					\$ 36,900		\$ 36,900
CON	TOLLS					\$ 15,100		\$ 15,100
Total Programmed Funding:						\$ 72,257		\$ 81,742

TIP ID: **CC-070022** County: Contra Costa System: State Highway RTP ID: 22351 CTIPS ID: 20600003753  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: I-680 NB HOV Lane Extension  
 Description: Walnut Creek/Pleasant Hill/Concord: On I-680 between Main St and SR242; Extend Northbound HOV lanes.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 680 Post Mile From: 15.6 Post Mile To: 18.7 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE				\$ 2,000			\$ 2,000
PSE	SALESTAX-MEASURE				\$ 4,000			\$ 4,000
ROW	SALESTAX-MEASURE				\$ 1,000			\$ 1,000
CON	RTP-LRP						\$ 41,000	\$ 41,000
Total Programmed Funding:					\$ 7,000		\$ 41,000	\$ 48,000

End of section



The page left Intentionally blank



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-070008** County: Contra Costa System: Local Road RTP ID: 22607 CTIPS ID: 20600003739  
 Sponsor: Antioch Implementing Agency: Antioch  
 Project Name: Laurel Road Extension  
 Description: Antioch: On Laurel Road between Hillcrest and SR4 Bypass; Construct new 4 lane divided extension.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 300						\$ 300
PSE	OTHER LOCAL	\$ 600						\$ 600
ROW	OTHER LOCAL		\$ 50					\$ 50
CON	RTP-LRP						\$ 5,000	\$ 5,000
Total Programmed Funding:			\$ 50				\$ 5,000	\$ 5,950

TIP ID: **CC-070009** County: Contra Costa System: Local Road RTP ID: 22607 CTIPS ID: 20600003740  
 Sponsor: Antioch Implementing Agency: Antioch  
 Project Name: Slatten Ranch Road Extension  
 Description: Antioch: On Slatten Ranch Road between Hillcrest Avenue to Wicklow Road; Construct new 4 lane road.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 4 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 50						\$ 50
PSE	OTHER LOCAL	\$ 300						\$ 300
CON	OTHER LOCAL				\$ 1,000			\$ 1,000
Total Programmed Funding:					\$ 1,000			\$ 1,350

TIP ID: **CC-070011** County: Contra Costa System: Local Road RTP ID: 230250 CTIPS ID: 20600003742  
 Sponsor: Brentwood Implementing Agency: Brentwood  
 Project Name: SR4/Brentwood Boulevard Widening - North (Phase I)  
 Description: Brentwood: Widen SR4/Brentwood Boulevard from 2 to 4 lanes; Phase I: From Havenwood Avenue to Homecoming Way, including widening of bridge over Marsh Creek, traffic signal modifications, and utilities undergrounding.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 4 Post Mile From: 39.4 Post Mile To: 39.6 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 35						\$ 35
PSE	OTHER LOCAL		\$ 600					\$ 600
ROW	OTHER LOCAL		\$ 169					\$ 169
CON	OTHER LOCAL		\$ 5,892					\$ 5,892
Total Programmed Funding:			\$ 6,661					\$ 6,696

TIP ID: **CC-070013** County: Contra Costa System: Local Road RTP ID: 230249 CTIPS ID: 20600003744  
 Sponsor: Brentwood Implementing Agency: Brentwood  
 Project Name: Lone Tree Way Undercrossing  
 Description: Brentwood: On Lone Tree Way at the UPRR track; Construct 6-lane grade separation undercrossing.  
 Air Quality Exempt Code: 1.01 - EXEMPT (40 CFR 93.126) - Railroad/highway crossing  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	OTHER LOCAL	\$ 2,010						\$ 2,010
ROW	OTHER LOCAL	\$ 1,500						\$ 1,500
CON	RTP-LRP						\$ 15,480	\$ 15,480
Total Programmed Funding:							\$ 15,480	\$ 18,990



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-070078** County: Contra Costa System: Local Road RTP ID: 22607 CTIPS ID: 20600004007  
 Sponsor: Brentwood Implementing Agency: Brentwood  
 Project Name: John Muir Parkway Extension: Ph. II  
 Description: Contra Costa County: John Muir Parkway northerly from Briones Valley Rd to a logical termini on Concord Avenue: Extend roadway(1 lane + 1 bike lane per direction).  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 208						\$ 208
PSE	OTHER LOCAL	\$ 232						\$ 232
CON	EARMARK	\$ 735						\$ 735
CON	ECCRFA	\$ 3,535						\$ 3,535
CON	OTHER LOCAL	\$ 325						\$ 325
Total Programmed Funding:								\$ 5,035

TIP ID: **CC-130030** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005690  
 Sponsor: Clayton Implementing Agency: Clayton  
 Project Name: Clayton Various Streets Preservation  
 Description: Clayton: Keller Ridge Dr from Eagle Peak Ave to Elk Dr.: Rehabilitate roadway  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 40						\$ 40
CON	OTHER LOCAL		\$ 51					\$ 51
CON	STP		\$ 386					\$ 386
Total Programmed Funding:								\$ 477

TIP ID: **CC-070026** County: Contra Costa System: Local Road RTP ID: 98194 CTIPS ID: 20600003757  
 Sponsor: Concord Implementing Agency: Concord  
 Project Name: Commerce Avenue Extension  
 Description: Concord: Commerce Avenue over Pine Creek to Waterworld Parkway; Extend roadway.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 315						\$ 315
ENV	XGEN	\$ 659						\$ 659
PSE	OTHER LOCAL	\$ 150						\$ 150
PSE	XGEN	\$ 510						\$ 510
ROW	OTHER LOCAL	\$ 1,155						\$ 1,155
CON	EARMARK	\$ 1,510						\$ 1,510
CON	OTHER LOCAL	\$ 482						\$ 482
CON	SALESTAX-MEASURE	\$ 3,719						\$ 3,719
Total Programmed Funding:								\$ 8,500

TIP ID: **CC-090023** County: Contra Costa System: Local Road RTP ID: 230212 CTIPS ID: 20600004309  
 Sponsor: Concord Implementing Agency: Concord  
 Project Name: Concord Clayton Road/Treat Blvd Intersection Imps.  
 Description: Concord: Clayton Rd and Treat Blvd: Constructing geometric improvements and upgrade traffic signal to improve operational efficiency and increase capacity  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE	\$ 120						\$ 120
PSE	SALESTAX-MEASURE	\$ 160						\$ 160
ROW	SALESTAX-MEASURE	\$ 300						\$ 300
CON	OTHER LOCAL	\$ 800						\$ 800
CON	SALESTAX-MEASURE	\$ 1,300						\$ 1,300
Total Programmed Funding:								\$ 2,680



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-090026** County: Contra Costa System: Local Road RTP ID: 98115 CTIPS ID: 20600004381  
 Sponsor: Concord Implementing Agency: Concord  
 Project Name: Ygnacio Valley/Kirker Pass Roads Widening  
 Description: Concord: Ygnacio Valley / Kirker Pass Roads from Michigan Boulevard to Cowell Road: widen from 4 lanes to 6 lanes  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL		\$ 800					\$ 800
ROW	OTHER LOCAL				\$ 1,000			\$ 1,000
CON	RTP-LRP						\$ 10,200	\$ 10,200
Total Programmed Funding:			\$ 800		\$ 1,000		\$ 10,200	\$ 12,000

TIP ID: **CC-130006** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005670  
 Sponsor: Concord Implementing Agency: Concord  
 Project Name: Concord BART Station Bike/Ped Access Improvements  
 Description: Concord: Near the Downtown Concord BART Station: Implement bike/ped access improvements including road diets, buffered bike lanes (0.7 mi), Class 2 bike lanes (0.6 mi), and Class 3 bike routes (0.1 mi), and improvements at three un-signalized crosswalks  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PSE	OTHER LOCAL	\$ 25						\$ 25
PSE	RIP	\$ 188						\$ 188
ROW	OTHER LOCAL	\$ 20						\$ 20
CON	OTHER LOCAL		\$ 131					\$ 131
CON	RIP		\$ 1,007					\$ 1,007
Total Programmed Funding:			\$ 1,138					\$ 1,371

TIP ID: **CC-130012** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005628  
 Sponsor: Concord Implementing Agency: Concord  
 Project Name: Concord Various Street Preservation  
 Description: Concord: Concord Blvd (Port Chicago Hwy to 6th Street) and Arnold Industrial Way (Port Chicago Hwy to approximately 1100 ft westerly) Grind and replace the top 2.5" of asphalt concrete and upgrade sidewalk/curb ramps  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 103						\$ 103
ROW	OTHER LOCAL	\$ 42						\$ 42
CON	OTHER LOCAL	\$ 225						\$ 225
CON	STP	\$ 757						\$ 757
Total Programmed Funding:								\$ 1,127

TIP ID: **CC-050030** County: Contra Costa System: Local Road RTP ID: 98198 CTIPS ID: 20600003390  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County  
 Project Name: Vasco Road Safety Improvements  
 Description: Contra Costa County: Vasco Road from Walnut Blvd to the Alameda/Contra Costa County line: widen road and place concrete median barrier for 2.5 miles. Phase 1 completed a 1 mile widening segment. Phase 2 will extend median barrier for 1.5 miles.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 3,400	\$ 1,000					\$ 4,400
ROW	OTHER LOCAL	\$ 100					\$ 100	\$ 200
CON	EARMARK	\$ 496						\$ 496
CON	OTHER LOCAL					\$ 1,500		\$ 1,500
CON	RTP-LRP						\$ 15,000	\$ 15,000
CON	ST-STP	\$ 635						\$ 635
CON	STP	\$ 10,644						\$ 10,644
CON	XGEN	\$ 654						\$ 654
Total Programmed Funding:			\$ 1,000			\$ 1,500	\$ 15,100	\$ 33,529



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-070075** County: Contra Costa System: Local Road RTP ID: 230291 CTIPS ID: 20600004004  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County  
 Project Name: Kirker Pass Road NB Truck Climbing Lanes  
 Description: Unincorporated Contra Costa County: On Kirker Pass Road from Clearbrook Drive to approximately 1,000 feet beyond the crest of Kirker Pass Road; Construct northbound truck climbing lane and paved shoulders  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 777						\$ 777
PE	SALESTAX-MEASURE	\$ 2,438						\$ 2,438
ROW	SALESTAX-MEASURE		\$ 136					\$ 136
CON	OTHER LOCAL				\$ 7,622			\$ 7,622
CON	RIP				\$ 2,650			\$ 2,650
CON	SALESTAX-MEASURE				\$ 3,777			\$ 3,777
Total Programmed Funding:			\$ 136		\$ 14,049			\$ 17,400

TIP ID: **CC-070081** County: Contra Costa System: Local Road RTP ID: 22607 CTIPS ID: 20600004010  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County  
 Project Name: Byron Highway - Vasco Road Connection  
 Description: Contra Costa County: between Byron Highway and Vasco Road: Construct an east-west connection road  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 500					\$ 500
ROW	OTHER LOCAL			\$ 450				\$ 450
CON	RTP-LRP						\$ 3,700	\$ 3,700
Total Programmed Funding:			\$ 500	\$ 450			\$ 3,700	\$ 4,650

TIP ID: **CC-130004** County: Contra Costa System: Local Road RTP ID: 230693 CTIPS ID: 20600005585  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County  
 Project Name: Contra Costa County Various Streets & Road Preserv  
 Description: CC County: Pleasant Hill Road (northbound Rancho View Dr to Reliez Valley Rd), Vasco Road (Walnut Blvd to Frisk Creek Bridge), and Byron Highway(Brentwood Blvd to Marsh Creek Rd): pavement preservation  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 220						\$ 220
CON	OTHER LOCAL	\$ 1,267						\$ 1,267
CON	STP	\$ 1,941						\$ 1,941
Total Programmed Funding:								\$ 3,428

TIP ID: **CC-150009** County: Contra Costa System: Local Road RTP ID: 230550 CTIPS ID: 20600005935  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: City CarShare  
 Project Name: CCTA - Carshare 4 All  
 Description: Contra Costa and Alameda Counties: Richmond, El Cerrito, and Oakland: The program will expand carshare access at transit locations. The expansion of round-trip carsharing services will reduce car usage, and improve the environment.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ			\$ 48				\$ 48
PE	OTHER LOCAL			\$ 13				\$ 13
ROW	CMAQ			\$ 26				\$ 26
ROW	OTHER LOCAL			\$ 4				\$ 4
CON	CMAQ			\$ 900				\$ 900
CON	OTHER LOCAL			\$ 227				\$ 227
Total Programmed Funding:				\$ 1,218				\$ 1,218



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-050075** County: Contra Costa System: Local Road RTP ID: 240386 CTIPS ID: 20600003730  
 Sponsor: Danville Implementing Agency: Danville

Project Name: Crow Canyon/Camino Tassajara Intersection Imps  
 Description: Danville: Camino Tassajara, fr Sycamore Valley Rd to Eastern Town limits & Crow Canyon, fr Camino Tassajara to Southern town limits: pavement rehab incl. signal, drainage, spot Sidewalk, curb/gutter & improv. for ped/bike. Project will be done in phases.

Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 497						\$ 497
PE	OTHER LOCAL	\$ 104						\$ 104
ROW	OTHER LOCAL	\$ 5						\$ 5
CON	EARMARK	\$ 3,597	\$ 1,157					\$ 4,754
CON	OTHER LOCAL	\$ 581	\$ 151					\$ 732
Total Programmed Funding:			\$ 1,308					\$ 6,091

TIP ID: **CC-090001** County: Contra Costa System: Local Road RTP ID: 230693 CTIPS ID: 20600004218  
 Sponsor: Danville Implementing Agency: Danville

Project Name: Diablo Road Imps. - Green Valley to Avenida Neuva  
 Description: On Diablo Road: add EB left turn pocket at Clydesdale Dr; drainage improvements; replacement of 1300 LF retaining wall between Green Valley Rd and Clydesdale Dr; overlay; replace guardrail.

Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 200						\$ 200
PSE	OTHER LOCAL	\$ 400						\$ 400
ROW	OTHER LOCAL	\$ 60						\$ 60
CON	OTHER LOCAL				\$ 3,500			\$ 3,500
Total Programmed Funding:					\$ 3,500			\$ 4,160

TIP ID: **CC-130023** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005684  
 Sponsor: Danville Implementing Agency: Danville

Project Name: Danville Various Streets and Roads Preservation  
 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

Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 19						\$ 19
PE	STP	\$ 140						\$ 140
CON	OTHER LOCAL		\$ 103					\$ 103
CON	STP		\$ 793					\$ 793
Total Programmed Funding:			\$ 896					\$ 1,055

TIP ID: **CC-170001** County: Contra Costa System: Local Road RTP ID: 22613 CTIPS ID: 20600006076  
 Sponsor: Danville Implementing Agency: Danville

Project Name: San Ramon Valley Blvd Lane Addition and Overlay  
 Description: In Danville: On San Ramon Blvd between Jewel Terrace and Podva Rd; Lane addition and rehabilitate roadway.

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 10					\$ 10
PE	SALESTAX-MEASURE		\$ 20					\$ 20
PSE	SALESTAX-MEASURE		\$ 67					\$ 67
ROW	SALESTAX-MEASURE		\$ 30					\$ 30
CON	OTHER LOCAL		\$ 35					\$ 35
CON	SALESTAX-MEASURE		\$ 791					\$ 791
Total Programmed Funding:			\$ 953					\$ 953



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-070063** County: Contra Costa System: Local Road RTP ID: 22610 CTIPS ID: 20600003794  
 Sponsor: East Bay Regional Park District (EBRPD) Implementing Agency: East Bay Regional Park District  
 Project Name: Atlas Road - New Bridge and Roadway Extension  
 Description: Richmond. Point Pinole Regional Shoreline; Extend Atlas road and construct new 2 lane road bridge with a separated ped/bike trail across UPRR tracks.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 529						\$ 529
PSE	OTHER LOCAL	\$ 1,588						\$ 1,588
CON	OTHER LOCAL	\$ 7,326						\$ 7,326
CON	SALESTAX-MEASURE		\$ 1,141					\$ 1,141
Total Programmed Funding:			\$ 1,141					\$ 10,583

TIP ID: **CC-130040** County: Contra Costa System: Local Road RTP ID: 230693 CTIPS ID: 20600005599  
 Sponsor: Hercules Implementing Agency: Hercules  
 Project Name: Hercules-Refugio Valley Road Pavement Preservation  
 Description: In Hercules: Refugio Valley Road from Sycamore Avenue to Redwood Road: Resurface roadway  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 30						\$ 30
CON	OTHER LOCAL	\$ 400						\$ 400
CON	STP	\$ 702						\$ 702
CON-CE	OTHER LOCAL	\$ 50						\$ 50
Total Programmed Funding:								\$ 1,182

TIP ID: **CC-130025** County: Contra Costa System: Local Road RTP ID: 230693 CTIPS ID: 20600005580  
 Sponsor: Martinez Implementing Agency: Martinez  
 Project Name: Martinez Various Streets and Roads Preservation  
 Description: Martinez: Various Streets and Roads: Rehab and perform preventative pavement maintenance to roadways and modify curb ramps to meet current ADA standards  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 100						\$ 100
CON	OTHER LOCAL			\$ 162				\$ 162
CON	STP			\$ 1,023				\$ 1,023
Total Programmed Funding:				\$ 1,185				\$ 1,285

TIP ID: **CC-170004** County: Contra Costa System: Local Road RTP ID: 22425 CTIPS ID: 20600006085  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: Regional Planning Activities and PPM - CC County  
 Description: Contra Costa: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP		\$ 609	\$ 455	\$ 454			\$ 1,518
PE	OTHER LOCAL			\$ 563				\$ 563
PE	STP			\$ 4,342				\$ 4,342
Total Programmed Funding:			\$ 609	\$ 5,360	\$ 454			\$ 6,423



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-130020** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005639  
 Sponsor: Moraga Implementing Agency: Moraga  
 Project Name: Moraga Various Streets and Roads Preservation  
 Description: Moraga: Moraga Road from St Marys Road to Draeger Drive: Perform pavement base repairs; mill and place 2" asphalt concrete; adjust utility frame to grade; install shoulder backing; replace striping and pavement legends and replace traffic signal loops.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 81,322

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 92						\$ 92
CON	STP	\$ 709						\$ 709
Total Programmed Funding:								\$ 801

TIP ID: **CC-070065** County: Contra Costa System: Local Road RTP ID: 94046 CTIPS ID: 20600003796  
 Sponsor: Oakley Implementing Agency: Oakley  
 Project Name: Main Street (Previously SR4) Realignment in Oakley  
 Description: Oakley: On Main St (previously State Route 4) from west of Vintage Parkway to east of 2nd St; Realign roadway, sidewalks, curb, gutters, etc. including traffic calming and signals. No additional automobile travel lanes  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 292,200

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 300						\$ 300
ROW	OTHER LOCAL	\$ 50						\$ 50
CON	EARMARK		\$ 1,461					\$ 1,461
CON	OTHER LOCAL		\$ 500					\$ 500
Total Programmed Funding:								\$ 2,311

TIP ID: **CC-130031** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005691  
 Sponsor: Oakley Implementing Agency: Oakley  
 Project Name: Oakley Various Streets and Roads Preservation  
 Description: Oakley: Various streets and roadways: Rehabilitate roadway including striping  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 118,256

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 134						\$ 134
CON	STP	\$ 1,031						\$ 1,031
Total Programmed Funding:								\$ 1,165

TIP ID: **CC-130015** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005632  
 Sponsor: Pinole Implementing Agency: Pinole  
 Project Name: Pinole - San Pablo Avenue Preservation  
 Description: Pinole: San Pablo Avenue from Pinole Shores Drive to Sunnyview Drive: Pavement Resurface, and miscellaneous concrete repairs to curbs and gutter  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: 123 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 45						\$ 45
ROW	OTHER LOCAL	\$ 10						\$ 10
CON	OTHER LOCAL	\$ 297						\$ 297
CON	STP	\$ 453						\$ 453
Total Programmed Funding:								\$ 805



Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-130005** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005610  
 Sponsor: Pleasant Hill Implementing Agency: Pleasant Hill  
 Project Name: Golf Club Rd Roundabout and Bike/Ped Improvements  
 Description: Pleasant Hill: Golf Club Rd from CC Canal Regional Trail to east of Old Quarry Rd, Old Quarry Rd from Golf Club Rd to Chilpancingo Pkwy: Install bike/ped imprvmnts, construct roundabout, and rehab pavement; conduct Road diet along Old Quarry Road segment  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	CMAQ	\$ 498					\$ 498
PE	OTHER LOCAL	\$ 100					\$ 100
PE	STP	\$ 79					\$ 79
ROW	OTHER LOCAL	\$ 100					\$ 100
CON	CMAQ	\$ 3,622					\$ 3,622
CON	OTHER LOCAL	\$ 544					\$ 544
CON	STP	\$ 571					\$ 571
Total Programmed Funding:							\$ 5,514

TIP ID: **CC-130026** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005581  
 Sponsor: Richmond Implementing Agency: Richmond  
 Project Name: Richmond Local Streets and Roads Preservation  
 Description: Richmond: Various Streets and Roads: Rehabilitate pavement and install curb ramps  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	OTHER LOCAL	\$ 300					\$ 300
CON	OTHER LOCAL	\$ 393					\$ 393
CON	STP	\$ 3,030					\$ 3,030
Total Programmed Funding:							\$ 3,723

TIP ID: **CC-150017** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600006043  
 Sponsor: San Pablo Implementing Agency: San Pablo  
 Project Name: Rumrill Blvd Complete Streets Improvements  
 Description: In San Pablo: Along Rumrill Boulevard between San Pablo Avenue to the North and Costa Avenue to the South; Complete Streets Improvements and road diet  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
ENV	OTHER LOCAL		\$ 100				\$ 100
PSE	ATP-REG			\$ 300			\$ 300
PSE	OTHER LOCAL			\$ 200			\$ 200
CON	ATP-REG				\$ 4,010		\$ 4,010
CON	OTHER LOCAL				\$ 300		\$ 300
CON	PRIVATE				\$ 700		\$ 700
Total Programmed Funding:							\$ 5,610

TIP ID: **CC-090019** County: Contra Costa System: Local Road RTP ID: 240629 CTIPS ID: 20600004307  
 Sponsor: San Ramon Implementing Agency: San Ramon  
 Project Name: Bollinger Canyon Road Widening (Alcosta to SRVB)  
 Description: San Ramon: Bollinger Canyon Road between Alcosta Blvd and San Ramon Valley Blvd: Widen from six to eight lanes. Project is phased.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	OTHER LOCAL	\$ 1,756					\$ 1,756
ROW	OTHER LOCAL	\$ 235					\$ 235
CON	OTHER LOCAL	\$ 6,914	\$ 1,707				\$ 8,621
Total Programmed Funding:							\$ 10,613





Roadway Projects  
**Contra Costa County**  
 Local Road Projects

TIP ID: **CC-130033** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005643  
 Sponsor: Walnut Creek Implementing Agency: Walnut Creek  
 Project Name: Walnut Creek - North Main Street Preservation  
 Description: Walnut Creek: North Main Street from San Luis Road to Geary Road: Rehabilitate roadway and upgrade traffic signal equipment to detect bicycles  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 70						\$ 70
CON	OTHER LOCAL	\$ 196						\$ 196
CON	STP	\$ 655						\$ 655
Total Programmed Funding:								\$ 921

TIP ID: **CC-150018** County: Contra Costa System: Local Road RTP ID: 230550 CTIPS ID: 20600006046  
 Sponsor: Walnut Creek Implementing Agency: Walnut Creek  
 Project Name: Walnut Creek-Parking Guidance System Pilot  
 Description: Walnut Creek: Downtown core area: Implement Parking Guidance System connected to all public parking in downtown core area.  
 Air Quality Exempt Code: 4.11 - EXEMPT (40 CFR 93.126) - Directional and informational signs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ		\$ 783					\$ 783
CON	OTHER LOCAL		\$ 150					\$ 150
Total Programmed Funding:								\$ 933

End of section



The page left Intentionally blank

Roadway Projects  
**Contra Costa County**  
 Bike/Pedestrian Projects

TIP ID: **CC-070046** County: Contra Costa System: State Highway RTP ID: 230218 CTIPS ID: 20600003777  
 Sponsor: El Cerrito Implementing Agency: El Cerrito  
 Project Name: Del Norte Area TOD Complete Street Imps  
 Description: El Cerrito del Norte BART Station Area: Complete Streets improvements to access, circulation and safety for bicyclists, pedestrians, local and regional bus, rapid bus, and automobile connections to BART and TOD/PDA development  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 123 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 750						\$ 750
PSE	OTHER LOCAL			\$ 126				\$ 126
PSE	RTP-LRP						\$ 974	\$ 974
ROW	OTHER LOCAL			\$ 50				\$ 50
CON	OTHER LOCAL				\$ 883			\$ 883
CON	RTP-LRP						\$ 6,817	\$ 6,817
Total Programmed Funding:				\$ 176	\$ 883		\$ 7,791	\$ 9,600

TIP ID: **CC-130011** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005671  
 Sponsor: Concord Implementing Agency: Concord  
 Project Name: Detroit Avenue Bicycle and Pedestrian Improvements  
 Description: Concord: Detroit Ave between Clayton Rd and Monument Blvd: Complete Streets improvements including bike lanes and bike routes; pavement rehabilitation; street lighting improvements; sidewalk gap closures; and all-way stop signs & x-walk/ADA improvements.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 198						\$ 198
PE	OTHER LOCAL	\$ 75						\$ 75
ROW	OTHER LOCAL	\$ 156						\$ 156
CON	CMAQ	\$ 767						\$ 767
CON	OTHER LOCAL	\$ 254						\$ 254
CON	RIP	\$ 1,189						\$ 1,189
Total Programmed Funding:								\$ 2,639

TIP ID: **CC-130013** County: Contra Costa System: Local Road RTP ID: 240367 CTIPS ID: 20600005629  
 Sponsor: Concord Implementing Agency: Concord  
 Project Name: Concord New and Upgraded Signals at Various Loc  
 Description: Concord: Various Locations: Upgrade existing traffic signals, install new traffic signals, and related improvements including ADA upgrades. Includes installing an actuated Bike/Ped Traffic Signal at Oak Grove Rd at Sierra Rd. Project is phased  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 101						\$ 101
PE	OTHER LOCAL	\$ 46						\$ 46
PE	HSIP	\$ 254						\$ 254
CON	CMAQ	\$ 404						\$ 404
CON	OTHER LOCAL	\$ 52						\$ 52
CON	HSIP	\$ 1,573						\$ 1,573
CON	OTHER LOCAL	\$ 204						\$ 204
Total Programmed Funding:								\$ 2,633



Roadway Projects  
**Contra Costa County**  
 Bike/Pedestrian Projects

TIP ID: **CC-110084** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600005493  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County

Project Name: Canal Road Bicycle and Pedestrian Facilities  
 Description: CC County: Canal Rd from Bailey Rd to Loftus Rd: Construct east and west bound bike lanes and close sidewalk gaps (2,350 ft in total length) on the north side of Canal Rd, other improvements include curb ramps, speed feedback signs, and road striping

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 250						\$ 250
PE	OTHER LOCAL	\$ 523						\$ 523
PE	SR2S	\$ 112						\$ 112
ROW	OTHER LOCAL	\$ 44						\$ 44
CON	CMAQ	\$ 750						\$ 750
CON	OTHER LOCAL	\$ 622						\$ 622
CON	SR2S	\$ 338						\$ 338
<b>Total Programmed Funding:</b>								<b>\$ 2,640</b>

TIP ID: **CC-130001** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600005538  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County

Project Name: Bailey Road-State Route 4 Interchange  
 Description: In Bay Point: At the Bailey Road-State Route 4 interchange; modify ramps and Bailey Road to improve bicycle and pedestrian circulation. Project is phased.

Air Quality Exempt Code: 5.03 - EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects

Route: 4 Post Mile From: Post Mile To: Toll Credits: \$ 394,568

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 270						\$ 270
ENV	SALESTAX-MEASURE	\$ 445						\$ 445
PSE	ATP-ST		\$ 720					\$ 720
PSE	OTHER LOCAL		\$ 190					\$ 190
ROW	OTHER LOCAL		\$ 10					\$ 10
CON	ATP-ST			\$ 60	\$ 3,380			\$ 3,440
CON	OTHER LOCAL				\$ 120			\$ 120
<b>Total Programmed Funding:</b>			<b>\$ 920</b>	<b>\$ 60</b>	<b>\$ 3,500</b>			<b>\$ 5,195</b>

TIP ID: **CC-130003** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600005542  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County

Project Name: Bailey Road Bike and Pedestrian Improvements  
 Description: Bay Point: Bailey Rd from Willow Pass Rd to SR 4: Improve bicycle and pedestrian accessibility. Improvements will expand sidewalks and construct uniform bike lanes to create a corridor conducive to all modes of travel. Project is phased

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL			\$ 1,123				\$ 1,123
ROW	OTHER LOCAL				\$ 115			\$ 115
CON	OTHER LOCAL					\$ 500		\$ 500
CON	RTP-LRP						\$ 3,036	\$ 3,036
<b>Total Programmed Funding:</b>				<b>\$ 1,123</b>	<b>\$ 115</b>	<b>\$ 500</b>	<b>\$ 3,036</b>	<b>\$ 4,774</b>

TIP ID: **CC-130027** County: Contra Costa System: Local Road RTP ID: 240367 CTIPS ID: 20600005645  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County

Project Name: Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades  
 Description: Bay Point: Near the intersection of Port Chicago Hwy and Willow Pass Rd: Install bike lane, sidewalk, curb and gutter, bike/ped access improvements, and intersection channelization

Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects

Route: Post Mile From: Post Mile To: Toll Credits: \$ 129,749

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 110						\$ 110
PE	OTHER LOCAL	\$ 481						\$ 481
CON	ATP-REG	\$ 800						\$ 800
CON	CMAQ	\$ 331						\$ 331
<b>Total Programmed Funding:</b>								<b>\$ 1,723</b>



Roadway Projects  
**Contra Costa County**  
 Bike/Pedestrian Projects

TIP ID: **CC-150010** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600005944  
 Sponsor: Contra Costa County Implementing Agency: Contra Costa County  
 Project Name: CC County - Rio Vista Elementary Ped Connection  
 Description: Contra Costa County: On Pacifica Avenue between Mariners Cove Drive and Wharf Drive: Install sidewalks, bike lanes, flashing beacons, speed feedback sign, retaining wall and drainage improvements and repair and widen pavement.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 25						\$ 25
PSE	OTHER LOCAL	\$ 155						\$ 155
ROW	OTHER LOCAL		\$ 125					\$ 125
CON	ATP-ST		\$ 40	\$ 560				\$ 600
Total Programmed Funding:			\$ 165	\$ 560				\$ 905

TIP ID: **CC-070067** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600003798  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: Mokelumne Trail Bike/Ped Overcrossing  
 Description: Brentwood: Construct a pedestrian and bicycle overcrossing near the Mokelumne Trail at State Route 4 in Brentwood.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 4 Post Mile From: 33.5 Post Mile To: 33.5 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE		\$ 600					\$ 600
ROW	ECCRFA			\$ 1,000				\$ 1,000
CON	RTP-LRP						\$ 4,500	\$ 4,500
Total Programmed Funding:			\$ 600	\$ 1,000			\$ 4,500	\$ 6,100

TIP ID: **CC-130038** County: Contra Costa System: Local Road RTP ID: 240367 CTIPS ID: 20600005604  
 Sponsor: Danville Implementing Agency: Danville  
 Project Name: Vista Grande Street Pedestrian Improvements/SR2S  
 Description: Danville: Vista Grande Street between Camino Tassajara and Diablo Road/Vista Grande Elementary School: Construct separated asphalt concrete pathway and safety enhancements to provide direct ped/bike access to Vista Grande Elementary  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 680 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 29						\$ 29
CON	CMAQ			\$ 157				\$ 157
CON	OTHER LOCAL			\$ 21				\$ 21
Total Programmed Funding:				\$ 178				\$ 207

TIP ID: **CC-130037** County: Contra Costa System: Local Road RTP ID: 240367 CTIPS ID: 20600005677  
 Sponsor: Moraga Implementing Agency: Moraga  
 Project Name: Moraga Rd SRTS Bicycle and Ped Improvements  
 Description: In Moraga: On Moraga Road between Campolindo High School and St. Mary's Road: Install pedestrian and bicycle facilities, including trails, sidewalks, crossings and bicycle facilities.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 14						\$ 14
CON	CMAQ	\$ 100						\$ 100
CON	SALESTAX-MEASURE	\$ 13						\$ 13
Total Programmed Funding:								\$ 127



Roadway Projects  
**Contra Costa County**  
 Bike/Pedestrian Projects

TIP ID: **CC-130029** County: Contra Costa System: Local Road RTP ID: 240367 CTIPS ID: 20600005642  
 Sponsor: Pleasant Hill Implementing Agency: Pleasant Hill  
 Project Name: Boyd Road/Elinora Drive SRTS Sidewalk Installation  
 Description: Pleasant Hill: Along north side of Boyd Road (between Horten Ct and Liahona Ct) and east side of Elinora Dr (between Gladys Dr to Gregory Ln): Install concrete sidewalk, new curb/gutter, driveway conform, ADA curb ramps, and landscape mitigation work  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	TDA	\$ 127						\$ 127
CON	CMAQ	\$ 395						\$ 395
CON	TDA	\$ 53						\$ 53
Total Programmed Funding:								\$ 575

TIP ID: **CC-150011** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600005956  
 Sponsor: Pleasant Hill Implementing Agency: Pleasant Hill  
 Project Name: Contra Costa Blvd. Improvement (Beth to Harriet)  
 Description: HSIP5-04-015 In Pleasant Hill: On Contra Costa Blvd between Beth Drive and Harriet Drive: Installation of new sidewalk, bike lanes, traffic signal, landscaping and street lighting.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	OTHER LOCAL	\$ 144						\$ 144
CON	ATP-REG	\$ 1,556						\$ 1,556
CON	HSIP	\$ 900						\$ 900
CON	OTHER LOCAL	\$ 262						\$ 262
CON	TDA	\$ 90						\$ 90
Total Programmed Funding:								\$ 2,952

TIP ID: **CC-110007** County: Contra Costa System: Local Road RTP ID: 240365 CTIPS ID: 20600004931  
 Sponsor: Richmond Implementing Agency: Richmond  
 Project Name: Richmond Transit Village: Nevin Imps BART-19th  
 Description: On Nevin Ave bet 19th St and the BART Station, ped and bicycle street enhancements incl reconstruction of east entrance to the BART station, wide sidewalk, curb ramps, enhanced crosswalks, lighting, signage, trees, stairway, elevator and pedestrian plaza.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 615						\$ 615
ROW	OTHER LOCAL	\$ 5						\$ 5
CON	CMAQ	\$ 1,217						\$ 1,217
CON	OTHER LOCAL	\$ 5,045						\$ 5,045
CON	PROP	\$ 1,500						\$ 1,500
Total Programmed Funding:								\$ 8,382

TIP ID: **CC-130047** County: Contra Costa System: Local Road RTP ID: 240746 CTIPS ID: 20600005812  
 Sponsor: Richmond Implementing Agency: Richmond  
 Project Name: 37th Street Bicycle & Pedestrian Improvements  
 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  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 36,526

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 39						\$ 39
ROW	OTHER LOCAL	\$ 5						\$ 5
CON	HSIP	\$ 318						\$ 318
CON	OTHER LOCAL	\$ 38						\$ 38
Total Programmed Funding:								\$ 400



Roadway Projects  
**Contra Costa County**  
 Bike/Pedestrian Projects

TIP ID: **CC-150016** County: Contra Costa System: Local Road RTP ID: 21225 CTIPS ID: 20600006029  
 Sponsor: Richmond Implementing Agency: Richmond  
 Project Name: The Yellow Brick Road in Richmond's Iron Triangle  
 Description: Richmond: Various locations outlined in the the Yellow Brick Road Plan: Implement bike/ped improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 106,901

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	ATP-ST		\$ 207					\$ 207
ENV	OTHER LOCAL		\$ 7					\$ 7
PSE	ATP-ST		\$ 725					\$ 725
PSE	OTHER LOCAL		\$ 28					\$ 28
CON	ATP-ST			\$ 5,277				\$ 5,277
CON	OTHER LOCAL			\$ 208				\$ 208
Total Programmed Funding:			\$ 967	\$ 5,485				\$ 6,452

TIP ID: **CC-130032** County: Contra Costa System: Local Road RTP ID: 240744 CTIPS ID: 20600005678  
 Sponsor: San Pablo Implementing Agency: San Pablo  
 Project Name: San Pablo Avenue Bicycle and Ped Improvements  
 Description: San Pablo and Richmond: On San Pablo Avenue between Rumrill Blvd and Hilltop Drive: Construct sidewalks and bicycle lanes, modify existing signals to accommodate new striping (no additional automobile travel lanes)  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 685,677

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 845						\$ 845
CON	CMAQ		\$ 5,978					\$ 5,978
Total Programmed Funding:			\$ 5,978					\$ 6,823

End of section



The page left Intentionally blank



# Marin County



Roadway Projects  
**Marin County**  
 State Highway Projects

TIP ID: **MRN050001** County: Marin System: State Highway RTP ID: 21325 CTIPS ID: 20600002936  
 Sponsor: Transportation Authority of Marin (TAM) Implementing Agency: Transportation Authority of Marin  
 Project Name: US 101 / Greenbrae Interchange Corridor Impts.  
 Description: Marin: US 101 Greenbrae I/C Corridor Improvements: Sir Francis Drake To Tamalpais; Reconfigure interchange and close a gap in the non-motorized transportation network  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars									
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed	
ENV	BT	\$ 11,533						\$ 11,533	
PSE	BT	\$ 1,500	\$ 1,200					\$ 2,700	
ROW	BT		\$ 600					\$ 600	
CON	BT		\$ 8,000	\$ 5,900				\$ 13,900	
CON	RTP-LRP						\$ 126,067	\$ 126,067	
Total Programmed Funding:			\$ 9,800	\$ 5,900			\$ 126,067	\$ 154,800	

TIP ID: **MRN050034** County: Marin System: State Highway RTP ID: 240691 CTIPS ID: 20600003807  
 Sponsor: Transportation Authority of Marin (TAM) Implementing Agency: Transportation Authority of Marin  
 Project Name: US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)  
 Description: Marin and Sonoma Counties: From SR 37 in Novato to Old Redwood Highway in Petaluma; Convert expressway to freeway and widen to 6 lanes for HOV lanes.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 0 Post Mile To: 7.5 Toll Credits:

All funding in thousands of dollars									
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed	
ENV	EARMARK	\$ 842						\$ 842	
ENV	IIP	\$ 9,600						\$ 9,600	
ENV	TCRP	\$ 9,410						\$ 9,410	
PSE	IIP	\$ 13						\$ 13	
PSE	RIP	\$ 8,897						\$ 8,897	
PSE	TCRP	\$ 8,770						\$ 8,770	
ROW	EARMARK	\$ 16,312						\$ 16,312	
ROW	IIP	\$ 15,189						\$ 15,189	
ROW	RIP	\$ 7,128						\$ 7,128	
CON-CT	IIP	\$ 14,460						\$ 14,460	
CON-CT	PROP	\$ 7,550						\$ 7,550	
CON	IIP	\$ 52,113						\$ 52,113	
CON	PROP	\$ 58,968						\$ 58,968	
CON	RIP	\$ 20,355						\$ 20,355	
CON	RTP-LRP						\$ 120,282	\$ 120,282	
CON-CE	RIP	\$ 675						\$ 675	
ROW-CT	IIP	\$ 265						\$ 265	
ROW-CT	RIP	\$ 2,390						\$ 2,390	
Total Programmed Funding:							\$ 120,282	\$ 353,219	

TIP ID: **MRN110034** County: Marin System: State Highway RTP ID: 240729 CTIPS ID: 20600005342  
 Sponsor: Transportation Authority of Marin (TAM) Implementing Agency: Caltrans  
 Project Name: Highway 101 Landscaping for Gap Closure Project  
 Description: In Marin County, On Highway 101, Landscaping for the Gap Closure Project.  
 Air Quality Exempt Code: 4.09 - EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc  
 Route: 101 Post Mile From: Post Mile To: Toll Credits: \$ 461,668

All funding in thousands of dollars									
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed	
ENV	RIP	\$ 37						\$ 37	
PSE	RIP	\$ 343						\$ 343	
CON	RIP	\$ 1,275						\$ 1,275	
Total Programmed Funding:								\$ 1,655	

End of section



The page left Intentionally blank

Roadway Projects

Marin County

Local Road Projects

TIP ID: **MRN070019** County: Marin System: Local Road RTP ID: 230105 CTIPS ID: 20600004116  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: Marin Parklands Visitor Access, Phase 2  
 Description: Marin Parklands: Pacific Way bridge at Big Lagoon: Reconstruct bridge and widen to add bike lanes. No added motor-vehicle capacity  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	FLHP	\$ 490						\$ 490
PSE	FLHP	\$ 546						\$ 546
CON	OTHER LOCAL		\$ 3,410					\$ 3,410
Total Programmed Funding:			\$ 3,410					\$ 4,446

TIP ID: **MRN110033** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600005318  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: Miller Creek Road Bike Lanes and Ped Improvements  
 Description: In Marin County: On Miller creek road, Add Class 2 Bicycle Lanes by restriping road and intersection improvements at Miller Creek and Marinwood Avenue to enhance pedestrian and cyclist safety  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 46,683

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	RIP-TE	\$ 45						\$ 45
CON	RIP	\$ 362						\$ 362
Total Programmed Funding:								\$ 407

TIP ID: **MRN110035** County: Marin System: Local Road RTP ID: 240748 CTIPS ID: 20600005451  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: Mountain View Rd Bridge Replacement - 27C0154  
 Description: Marin County: On Mountain View Rd. over San Geronimo Creek (Bridge No. 27C0154) near the intersection with Sir Francis Drake Blvd: Replace existing one-lane bridge with a new two-lane bridge  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 170,572

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 504						\$ 504
ROW	HBP			\$ 73				\$ 73
CON	HBP						\$ 911	\$ 911
Total Programmed Funding:				\$ 73			\$ 911	\$ 1,487

TIP ID: **MRN130007** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600005700  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: North Civic Center Drive Improvements  
 Description: In San Rafael: On Civic Center Drive from Merrydale Overcrossing/Scettrini Drive to Judge Haley Drive: Construct bike/ped improvements  
 Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 840						\$ 840
CON	EARMARK	\$ 401						\$ 401
CON	OTHER LOCAL	\$ 187						\$ 187
CON	RIP	\$ 407						\$ 407
CON	STP	\$ 1,034						\$ 1,034
Total Programmed Funding:								\$ 2,869



Roadway Projects

Marin County

Local Road Projects

TIP ID: **MRN130010** County: Marin System: Local Road RTP ID: 240744 CTIPS ID: 20600005757  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: Donahue Street Road Rehabilitation Project  
 Description: Marin County: Donahue St from Drake Ave. to Bridge Blvd. and Bridge Blvd. from Donahue St. to Bridgeway: Rehabilitate roadway; Donahue St. at Terners Dr. and at Bridge Blvd: Upgrade traffic signal  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 14						\$ 14
PE	STP	\$ 108						\$ 108
CON	OTHER LOCAL		\$ 126					\$ 126
CON	STP		\$ 969					\$ 969
Total Programmed Funding:			\$ 1,095					\$ 1,217

TIP ID: **MRN170001** County: Marin System: Local Road RTP ID: 22425 CTIPS ID: 20600006086  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Transportation Authority of Marin  
 Project Name: Regional Planning Activities and PPM - Marin  
 Description: Marin: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP		\$ 206	\$ 206				\$ 412
PE	OTHER LOCAL			\$ 495				\$ 495
PE	STP			\$ 3,822				\$ 3,822
Total Programmed Funding:			\$ 206	\$ 4,523				\$ 4,729

TIP ID: **MRN070002** County: Marin System: Local Road RTP ID: 240714 CTIPS ID: 20600003809  
 Sponsor: Mill Valley Implementing Agency: Mill Valley  
 Project Name: Mill Valley - Miller Avenue Rehabilitation  
 Description: HSIP5-04-009 - Mill Valley: Miller Avenue between Sunnyside Ave and Almonte Blvd: Pavement resurfacing, reconstruction of bicycle lanes, modifications to traffic islands, and improvements to sidewalk facilities.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	XGEN	\$ 200						\$ 200
PE	SALESTAX-MEASURE	\$ 300						\$ 300
PSE	TDA	\$ 100						\$ 100
PSE	XGEN	\$ 500						\$ 500
ROW	XGEN	\$ 300						\$ 300
CON	BTA	\$ 500						\$ 500
CON	HSIP	\$ 392						\$ 392
CON	SALESTAX-MEASURE	\$ 4,858						\$ 4,858
Total Programmed Funding:								\$ 7,150

TIP ID: **MRN070006** County: Marin System: Local Road RTP ID: 240039 CTIPS ID: 20600003813  
 Sponsor: Novato Implementing Agency: Novato  
 Project Name: Novato Boulevard Widening, Diablo to Grant  
 Description: Novato: Novato Blvd between Diablo and Grant Ave.: Improvements to roadway including including widening existing two/three lanes to four lanes and adding turn lanes, bike lanes, curbs, and sidewalks.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 1,063						\$ 1,063
CON	RTP-LRP						\$ 5,911	\$ 5,911
CON	SALESTAX-MEASURE		\$ 2,000					\$ 2,000
Total Programmed Funding:			\$ 2,000				\$ 5,911	\$ 8,974



Roadway Projects

**Marin County**

Local Road Projects

TIP ID: **MRN130011** County: Marin System: Local Road RTP ID: 240714 CTIPS ID: 20600005758  
 Sponsor: Novato Implementing Agency: Novato

Project Name: DeLong Avenue and Ignacio Boulevard Resurfacing  
 Description: Novato: At the DeLong Avenue and Ignacio Boulevard interchanges: Reconstruct the bridge deck approaches with appropriate conforms and improved pavement surfaces to improve vehicular, pedestrian and bicyclist safety.

Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 95						\$ 95
CON	OTHER LOCAL	\$ 101						\$ 101
CON	STP	\$ 779						\$ 779
Total Programmed Funding:								\$ 975

TIP ID: **MRN150016** County: Marin System: Local Road RTP ID: 240714 CTIPS ID: 20600006112  
 Sponsor: Novato Implementing Agency: Novato

Project Name: Vineyard Road Improvements  
 Description: Novato: Vineyard Road from Wilson Avenue to Sutro Avenue: Perform pavement rehabilitation, install bicycle lanes, and property owner-funded frontage improvements

Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 84						\$ 84
CON	OTHER LOCAL		\$ 172					\$ 172
CON	STP		\$ 750					\$ 750
Total Programmed Funding:								\$ 1,006

TIP ID: **MRN130006** County: Marin System: Local Road RTP ID: 240714 CTIPS ID: 20600005707  
 Sponsor: Ross Implementing Agency: Ross

Project Name: Bolinas Avenue and Sir Francis Drake Intersection  
 Description: Ross: On Sir Francis Drake Blvd from Winship Ave through the 100 block and on Bolinas Ave from Sir Francis Drake Blvd to Shady Ln: Rehabilitate pavement and replace the traffic signal

Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 30						\$ 30
CON	OTHER LOCAL		\$ 36					\$ 36
CON	STP	\$ 274						\$ 274
Total Programmed Funding:								\$ 340

TIP ID: **MRN110032** County: Marin System: Local Road RTP ID: 240714 CTIPS ID: 20600005336  
 Sponsor: San Anselmo Implementing Agency: San Anselmo

Project Name: San Anselmo - Center Blvd Bridge Replace (27C0079)  
 Description: San Anselmo: Center Blvd Bridge over San Anselmo Creek, at Sycamore Ave: Replace existing 2 lane bridge with 3 lane bridge

Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	HBP	\$ 938						\$ 938
PE	OTHER LOCAL	\$ 122						\$ 122
ROW	HBP			\$ 1,107				\$ 1,107
ROW	OTHER LOCAL			\$ 143				\$ 143
CON	HBP				\$ 3,105			\$ 3,105
CON	OTHER LOCAL				\$ 402			\$ 402
Total Programmed Funding:								\$ 5,817



Roadway Projects

Marin County

Local Road Projects

TIP ID: **MRN130004** County: Marin System: Local Road RTP ID: 240714 CTIPS ID: 20600005714  
 Sponsor: San Rafael Implementing Agency: San Rafael  
 Project Name: San Rafael Various Streets and Roads Preservation  
 Description: San Rafael: Point San Pedro Rd from 600' north of Biscayne Dr to Riviera Dr and Del Presidio Blvd from Manual T. Freitas Parkway to Las Gallinas Ave: Resurface roadway  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 5						\$ 5
PE	STP	\$ 37						\$ 37
CON	OTHER LOCAL	\$ 132						\$ 132
CON	STP	\$ 420						\$ 420
Total Programmed Funding:								\$ 594

TIP ID: **MRN130005** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600005705  
 Sponsor: San Rafael Implementing Agency: San Rafael  
 Project Name: San Rafael Transit Center Pedestrian Access Imps.  
 Description: San Rafael: In the vicinity of the Bettini Transit Center and the future SMART station: Upgrade existing traffic signal equipment to be compliant with rail and improve pedestrian facilities  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 475						\$ 475
CON	CMAQ	\$ 1,900						\$ 1,900
CON	OTHER LOCAL	\$ 300						\$ 300
Total Programmed Funding:								\$ 2,675

TIP ID: **MRN110010** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600004947  
 Sponsor: Sausalito Implementing Agency: Sausalito  
 Project Name: Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps  
 Description: Sausalito: Highway 101 Off Ramp/Bridgeway/Gate 6 Intersection: Improve bicycle traffic  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 88						\$ 88
PE	OTHER LOCAL	\$ 12						\$ 12
CON	OTHER LOCAL		\$ 185					\$ 185
Total Programmed Funding:								\$ 285

TIP ID: **MRN070017** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600004114  
 Sponsor: Transportation Authority of Marin (TAM) Implementing Agency: Transportation Authority of Marin  
 Project Name: TAM - Non-motorized Transportation Pilot Program  
 Description: Marin County: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 100						\$ 100
CON	EARMARK	\$ 60						\$ 60
Total Programmed Funding:								\$ 160



Roadway Projects

**Marin County**

Local Road Projects

TIP ID: **MRN150004** County: Marin System: Local Road RTP ID: 230550 CTIPS ID: 20600005930  
 Sponsor: Transportation Authority of Marin (TAM) Implementing Agency: Transportation Authority of Marin  
 Project Name: TAM - Car Share Canal  
 Description: Marin County: Car Share CANAL is a Pilot Project to Integrate Transit, focused on Environmental Justice, Mobility, Immigration Support and Climate Protection Education. This is a non infrastructure project.  
 Air Quality Exempt Code: 3.01 - EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels

Route:	Post Mile From:	Post Mile To:	Toll Credits:					
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ	\$ 125						\$ 125
CON	OTHER LOCAL	\$ 19						\$ 19
<b>Total Programmed Funding:</b>								<b>\$ 144</b>

End of section





The page left Intentionally blank

Roadway Projects  
**Marin County**  
 Bike/Pedestrian Projects

TIP ID: **MRN130009** County: Marin System: Local Road RTP ID: 240724 CTIPS ID: 20600005750  
 Sponsor: Fairfax Implementing Agency: Fairfax  
 Project Name: Parkade Circulation and Safety Improvements  
 Description: Fairfax: Between Sir Francis Drake Boulevard, Pacheco Avenue, Claus Drive and Broadway: Improve bicycle, pedestrian, transit, and vehicular circulation and safety around and through the Parkade in Downtown Fairfax  
 Air Quality Exempt Code: 5.06 - EXEMPT (40 CFR 93.127) - Bus terminals and transfer points  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 45						\$ 45
PSE	RIP	\$ 45						\$ 45
CON	OTHER LOCAL			\$ 55				\$ 55
CON	RIP			\$ 255				\$ 255
Total Programmed Funding:				\$ 310				\$ 400

TIP ID: **MRN050033** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600003806  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: Non-motorized Transp. Pilot Program - Marin County  
 Description: Marin County; Various locations; Lump sum Non-motorized Transportation Pilot Program. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 6,664						\$ 6,664
CON	EARMARK	\$ 4,677						\$ 4,677
Total Programmed Funding:								\$ 11,341

TIP ID: **MRN090049** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600004774  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: Non-motorized Transp. Projects - Marin County  
 Description: Marin County; Various locations; Bicycle & pedestrian improvement projects  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 1,238						\$ 1,238
Total Programmed Funding:								\$ 1,238

TIP ID: **MRN070009** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600004106  
 Sponsor: San Rafael Implementing Agency: San Rafael  
 Project Name: San Rafael - Non-motorized Transport Pilot Program  
 Description: San Rafael: Construct infrastructure, network planning, & educational programs to ascertain whether bicycling and walking can result in greater share of overall trips and reduce SOV usage.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 1,258						\$ 1,258
CON	EARMARK	\$ 1,797						\$ 1,797
Total Programmed Funding:								\$ 3,056

TIP ID: **MRN150008** County: Marin System: Local Road RTP ID: 240678 CTIPS ID: 20600005964  
 Sponsor: San Rafael Implementing Agency: San Rafael  
 Project Name: Grand Avenue Bicycle Pedestrian Improvements  
 Description: San Rafael: Grand Ave across the San Rafael Canal: Construct bridge and sidewalk improvements for bicyclists and pedestrians  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 50						\$ 50
CON	OTHER LOCAL		\$ 1,222					\$ 1,222
CON	SALESTAX-MEASURE		\$ 484					\$ 484
Total Programmed Funding:			\$ 1,706					\$ 1,756



Roadway Projects  
**Marin County**  
 Bike/Pedestrian Projects

TIP ID: **MRN050014** County: Marin System: Local Road RTP ID: 240552 CTIPS ID: 20600003402  
 Sponsor: Transportation Authority of Marin (TAM) Implementing Agency: Transportation Authority of Marin  
 Project Name: Central Marin Ferry Access Improvements  
 Description: Central Marin: From the southern terminus of the Cal Park Hill path connecting to the east/west path adjacent to E. Sir Francis Drake Blvd.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT	\$ 2,000						\$ 2,000
PSE	BT	\$ 1,000						\$ 1,000
PSE	CMAQ	\$ 1,410						\$ 1,410
CON	BT	\$ 5,860						\$ 5,860
CON	CMAQ	\$ 1,500						\$ 1,500
CON	EARMARK	\$ 4,700						\$ 4,700
CON	TFCA	\$ 142						\$ 142
<b>Total Programmed Funding:</b>								<b>\$ 16,612</b>

End of section



# Napa County



Roadway Projects  
**Napa County**  
 State Highway Projects

TIP ID: **NAP010008** County: Napa System: State Highway RTP ID: 94152 CTIPS ID: 20600002188  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: SR 12 (Jamieson Canyon Road) Widening  
 Description: In Napa and Solano Counties: SR 12 between SR 29 and I-80 (Jamieson Canyon): Rehab roadway and expand from two to four lanes.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 12 Post Mile From: 0 Post Mile To: 3.3 Toll Credits: \$ 97,495

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	RIP	\$ 405						\$ 405	
ENV	STP	\$ 860						\$ 860	
ENV	TCRP	\$ 3,850						\$ 3,850	
PSE	IIP	\$ 2,000						\$ 2,000	
PSE	RIP	\$ 4,780						\$ 4,780	
PSE	STP	\$ 1,100						\$ 1,100	
PSE	TCRP	\$ 1,500						\$ 1,500	
ROW	EARMARK	\$ 5,841						\$ 5,841	
ROW	RIP	\$ 7,655						\$ 7,655	
CON-CT	IIP	\$ 5,100						\$ 5,100	
CON-CT	RIP	\$ 9,000						\$ 9,000	
CON	IIP	\$ 6,271						\$ 6,271	
CON	PROP	\$ 54,867						\$ 54,867	
CON	RIP	\$ 9,406						\$ 9,406	
CON-CE	RIP	\$ 140						\$ 140	
ROW-CT	RIP	\$ 2,360						\$ 2,360	
<b>Total Programmed Funding:</b>									<b>\$ 115,135</b>

TIP ID: **NAP090003** County: Napa System: State Highway RTP ID: 94073 CTIPS ID: 20600004452  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Caltrans  
 Project Name: SR 12/29/221 Socol Junction Interchange Study  
 Description: In Napa County, study alternatives to construct new southbound Route 221 to southbound Route 29 flyover (including auxiliary lane to Route 12/Route 29). TIP project is for ENV and PSE only.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 29 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	RIP	\$ 4,800						\$ 4,800	
PSE	RIP	\$ 1,500						\$ 1,500	
<b>Total Programmed Funding:</b>									<b>\$ 6,300</b>

TIP ID: **NAP130007** County: Napa System: State Highway RTP ID: 230381 CTIPS ID: 20600005810  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: Hwy 29 Grayson Ave. Signal Construction  
 Description: In St. Helena: At the intersection of Hwy 29 and Grayson Ave: Install three way signal with ADA ramp upgrades  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: 29 Post Mile From: 27.9 Post Mile To: 28.1 Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
ENV	OTHER LOCAL	\$ 72						\$ 72	
PSE	OTHER LOCAL	\$ 24						\$ 24	
ROW	OTHER LOCAL	\$ 10						\$ 10	
CON	OTHER LOCAL	\$ 60						\$ 60	
CON	RIP	\$ 300						\$ 300	
<b>Total Programmed Funding:</b>									<b>\$ 466</b>



Roadway Projects  
**Napa County**  
 State Highway Projects

TIP ID: **NAP150001** County: Napa System: State Highway RTP ID: 230518 CTIPS ID: 20600005841  
 Sponsor: Calistoga Implementing Agency: Calistoga  
 Project Name: SR 128 and Petrified Forest Intersection Imp  
 Description: In Calistoga: On SR 128 and Petrified Forest Road, convert 4-way stop controlled intersection to a traffic signal.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: 128 Post Mile From: 3.52 Post Mile To: 3.72 Toll Credits: \$ 66,527

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	OTHER LOCAL		\$ 13					\$ 13
PSE	RIP		\$ 105					\$ 105
ROW	OTHER LOCAL			\$ 6				\$ 6
ROW	RIP			\$ 50				\$ 50
CON	OTHER LOCAL				\$ 51			\$ 51
CON	RIP				\$ 425			\$ 425
Total Programmed Funding:			\$ 118	\$ 56	\$ 476			\$ 650

End of section



Roadway Projects  
**Napa County**  
 Local Road Projects

TIP ID: **NAP110029** County: Napa System: Local Road RTP ID: 240057 CTIPS ID: 20600005557  
 Sponsor: American Canyon Implementing Agency: American Canyon  
 Project Name: Eucalyptus Drive Realignment Complete Streets  
 Description: American Canyon: Eucalyptus Dr. from Theresa Rd to Hwy 29: Extend roadway and reconfigure intersection of Eucalyptus Dr and Hwy 29 and Eucalyptus Drive and Theresa Road. Create complete street areas for pedestrians and bicyclist along the extension.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 528						\$ 528
PSE	OTHER LOCAL			\$ 1,240				\$ 1,240
ROW	OTHER LOCAL			\$ 776				\$ 776
CON	OTHER LOCAL						\$ 826	\$ 826
CON	RIP						\$ 1,154	\$ 1,154
CON	RTP-LRP						\$ 1,665	\$ 1,665
Total Programmed Funding:				\$ 2,016			\$ 3,645	\$ 6,189

TIP ID: **NAP130006** County: Napa System: Local Road RTP ID: 230392 CTIPS ID: 20600005809  
 Sponsor: American Canyon Implementing Agency: American Canyon  
 Project Name: Devlin Road and Vine Trail Extension  
 Description: American Canyon: Devlin Road from the southern terminus 2,500 feet south to Green Island Road: Construct roadway extension and Class I multipurpose path  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP	\$ 297						\$ 297
CON	OTHER LOCAL			\$ 1,785				\$ 1,785
ROW-CT	OTHER LOCAL		\$ 800					\$ 800
Total Programmed Funding:			\$ 800	\$ 1,785				\$ 2,882

TIP ID: **NAP170001** County: Napa System: Local Road RTP ID: 22425 CTIPS ID: 20600006087  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Napa Valley Transportation Authority  
 Project Name: Regional Planning Activities and PPM - Napa  
 Description: Napa: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP		\$ 110	\$ 165				\$ 275
PE	OTHER LOCAL			\$ 495				\$ 495
PE	STP			\$ 3,822				\$ 3,822
Total Programmed Funding:			\$ 110	\$ 4,482				\$ 4,592

TIP ID: **NAP110028** County: Napa System: Local Road RTP ID: 22746 CTIPS ID: 20600005556  
 Sponsor: Napa (City) Implementing Agency: Caltrans  
 Project Name: California Boulevard Roundabouts  
 Description: City of Napa: At at First Street/ California Blvd. and Second Street/ California Blvd: Construct roundaboutsCaltrans: Construct roundabout at Northbound off-ramp of SR 29 and First Street  
 Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 625,574

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 460						\$ 460
PSE	AC		\$ 250					\$ 250
ROW	AC		\$ 280					\$ 280
ROW	CMAQ	\$ 723						\$ 723
ROW	OTHER LOCAL	\$ 150						\$ 150
ROW	RIP	\$ 431						\$ 431
CON	AC		\$ 3,780					\$ 3,780
CON	CMAQ			\$ 1,740				\$ 1,740
CON	OTHER LOCAL			\$ 592				\$ 592
CON	RIP			\$ 1,070				\$ 1,070
CON-CE	AC		\$ 1,144					\$ 1,144
Total Programmed Funding:			\$ 5,454	\$ 3,402				\$ 10,620



Roadway Projects

Napa County

Local Road Projects

TIP ID: **NAP110023** County: Napa System: Local Road RTP ID: 230695 CTIPS ID: 20600005334  
 Sponsor: Napa County Implementing Agency: Napa County  
 Project Name: Silverado Trail Phase H Rehab  
 Description: County of Napa: On Silverado Trail from Howell Mtn to Zinfandel (Phase H); rehabilitate roadway retaining existing Class II bicycle lanes  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL	\$ 56						\$ 56	
CON	OTHER LOCAL		\$ 833					\$ 833	
CON	STP		\$ 794					\$ 794	
Total Programmed Funding:			\$ 1,627					\$ 1,683	

TIP ID: **NAP110026** County: Napa System: Local Road RTP ID: 240748 CTIPS ID: 20600005558  
 Sponsor: Napa County Implementing Agency: Napa County  
 Project Name: Hardin Rd Bridge Replacement - 21C0058  
 Description: Napa County: On Harding Rd at Maxwell Creek, 1.6M SE of Pope Cyn Rd: Replace existing one lane bridge with new 2-lane bridge to meet standards  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 447,330

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	HBP			\$ 700				\$ 700	
ROW	HBP					\$ 200		\$ 200	
CON	HBP						\$ 3,000	\$ 3,000	
Total Programmed Funding:				\$ 700		\$ 200	\$ 3,000	\$ 3,900	

TIP ID: **NAP110027** County: Napa System: Local Road RTP ID: 240748 CTIPS ID: 20600005555  
 Sponsor: Napa County Implementing Agency: Napa County  
 Project Name: Loma Vista Dr Bridge Replacement - 21C0080  
 Description: Napa County: Loma Vista Dr over Soda Creek, 1.4 miles north of Silverado Trail: replace existing one lane bridge with new two lane bridge to meet standards  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 412,920

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	HBP			\$ 500				\$ 500	
ROW	HBP					\$ 100		\$ 100	
CON	HBP						\$ 3,000	\$ 3,000	
Total Programmed Funding:				\$ 500		\$ 100	\$ 3,000	\$ 3,600	

TIP ID: **NAP130003** County: Napa System: Local Road RTP ID: 230695 CTIPS ID: 20600005754  
 Sponsor: Napa County Implementing Agency: Napa County  
 Project Name: Airport Boulevard Rehabilitation  
 Description: In Napa County: On Airport Boulevard between SR 29 and Napa County Airport: Rehabilitate roadway and retrofit curb ramps at 3 intersections, retaining existing Class II bicycle lanes.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PSE	OTHER LOCAL						\$ 7	\$ 7	
PSE	RIP						\$ 57	\$ 57	
CON	OTHER LOCAL						\$ 578	\$ 578	
CON	RIP						\$ 1,275	\$ 1,275	
Total Programmed Funding:							\$ 1,916	\$ 1,916	





Roadway Projects  
**Napa County**  
 Local Road Projects

TIP ID: **NAP130009** County: Napa System: Local Road RTP ID: 230695 CTIPS ID: 20600005828  
 Sponsor: Napa County Implementing Agency: Napa County  
 Project Name: Silverado Trail Phase G Rehab  
 Description: County of Napa: On Silverado Trail from Calistoga to Larkmead (Phase G); rehabilitate roadway retaining existing Class II bicycle lanes  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 95						\$ 95
CON	OTHER LOCAL	\$ 1,627						\$ 1,627
CON	STP	\$ 1,107						\$ 1,107
Total Programmed Funding:								\$ 2,829

TIP ID: **NAP130010** County: Napa System: Local Road RTP ID: 230695 CTIPS ID: 20600005829  
 Sponsor: Napa County Implementing Agency: Napa County  
 Project Name: Silverado Trail Yountville-Napa Safety Improvement  
 Description: In Napa County: On Silverado Trail at Yountville Crossroad: Construct intersection safety improvements; On Silverado Trail between Yountville and Napa: Install rumble strips  
 Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 6						\$ 6
CON	OTHER LOCAL	\$ 19						\$ 19
CON	STP	\$ 143						\$ 143
Total Programmed Funding:								\$ 168

TIP ID: **NAP150002** County: Napa System: Local Road RTP ID: 240748 CTIPS ID: 20600005872  
 Sponsor: Napa County Implementing Agency: Napa County  
 Project Name: Garnett Bridge Greenwood Ave  
 Description: In Napa County: On Greenwood Avenue between Myrtle Dale Road and SR 29 over Garnett Creek; replace one lane bridge damaged in earthquake with a two lane bridge  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 693,935

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	HBP	\$ 650						\$ 650
ROW	HBP			\$ 200				\$ 200
CON	HBP						\$ 5,200	\$ 5,200
Total Programmed Funding:								\$ 6,050

TIP ID: **NAP150003** County: Napa System: Local Road RTP ID: 240612 CTIPS ID: 20600006042  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Napa Valley Transportation Authority  
 Project Name: Napa Valley Vine Trail Calistoga-St. Helena Seg.  
 Description: In Napa County: From Calistoga to St. Helena: Construct multi-use trail  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	PRIVATE	\$ 200	\$ 12					\$ 212
PSE	PRIVATE	\$ 100	\$ 120					\$ 220
ROW	PRIVATE	\$ 50	\$ 10					\$ 60
CON	ATP-REG				\$ 6,106			\$ 6,106
CON	OTHER LOCAL			\$ 250	\$ 500			\$ 750
CON	PRIVATE			\$ 1,054	\$ 804			\$ 1,858
Total Programmed Funding:								\$ 9,206

End of section



The page left Intentionally blank

Roadway Projects  
**Napa County**  
 Bike/Pedestrian Projects

TIP ID: **NAP110014** County: Napa System: Local Road RTP ID: 240612 CTIPS ID: 20600004953  
 Sponsor: Napa Valley Transportation Authority Implementing Agency: Napa Valley Transportation Authority  
 Project Name: Napa Valley Vine Trail Design and Construction  
 Description: Napa County: Various locations: Design and construction of individual segments of Vine Trail.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

Phase	All funding in thousands of dollars		FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
	Fund Source	Prior Years						
PE	CMAQ	\$ 211						\$ 211
PE	OTHER LOCAL	\$ 228						\$ 228
PE	TCSP	\$ 800						\$ 800
ROW	OTHER LOCAL	\$ 1						\$ 1
ROW	TCSP	\$ 7						\$ 7
CON	ATP-ST	\$ 3,600						\$ 3,600
CON	OTHER LOCAL	\$ 1,728						\$ 1,728
CON	TCSP	\$ 1,693						\$ 1,693
CON	TDA	\$ 425						\$ 425
<b>Total Programmed Funding:</b>								<b>\$ 8,693</b>

End of section



The page left Intentionally blank

# San Francisco County



Roadway Projects  
**San Francisco County**  
 State Highway Projects

TIP ID: **SF-070027** County: San Francisco System: State Highway RTP ID: 230555 CTIPS ID: 20600004036  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: Yerba Buena Island (YBI) Ramp Improvements  
 Description: San Francisco: On east side of the Yerba Buena Island Tunnel at SFOBB; Rehabilitate existing deficient bridges on the west side of the Island.  
 Air Quality Exempt Code: 5.03 - EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects  
 Route: 80 Post Mile From: 7.8 Post Mile To: 8.1 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 19,319						\$ 19,319
PE	OTHER LOCAL	\$ 2,503						\$ 2,503
ROW	BR-SEISMIC	\$ 579		\$ 34				\$ 614
ROW	HBP	\$ 4,471		\$ 266				\$ 4,736
CON	AC	\$ 30,139		\$ 41,556				\$ 71,695
CON	BR-SEISMIC	\$ 7,579	\$ 1,314				\$ 6,118	\$ 15,011
CON	HBP	\$ 58,500	\$ 10,139				\$ 47,222	\$ 115,862
CON	OTHER LOCAL	\$ 3,905		\$ 5,384				\$ 9,289
Total Programmed Funding:			\$ 11,453	\$ 47,240			\$ 53,340	\$ 239,029

TIP ID: **SF-070030** County: San Francisco System: State Highway RTP ID: 98593 CTIPS ID: 20600004038  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFGO-Corridor Management  
 Description: Focused on the US 101 /Van Ness and Market Street corridors; Install new communications network and advanced traffic signal control systems with elements citywide.  
 Air Quality Exempt Code: 5.07 - EXEMPT (40 CFR 93.128) - Traffic signal synchronization projects  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	AC	\$ 3,000						\$ 3,000
PE	CMAQ	\$ 3,000						\$ 3,000
PE	EARMARK	\$ 1,218						\$ 1,218
PE	OTHER LOCAL	\$ 1,250						\$ 1,250
PE	SALESTAX-MEASURE	\$ 389						\$ 389
PE	XTRAN	\$ 353						\$ 353
CON	AC	\$ 3,000						\$ 3,000
CON	CMAQ	\$ 17,000						\$ 17,000
CON	EARMARK	\$ 4,623						\$ 4,623
CON	OTHER LOCAL	\$ 7,281	\$ 2,000					\$ 9,281
CON	OTHER STATE	\$ 5,110						\$ 5,110
CON	SALESTAX-MEASURE	\$ 1,555						\$ 1,555
CON	XTRAN	\$ 7,093						\$ 7,093
Total Programmed Funding:			\$ 2,000					\$ 56,871

TIP ID: **SF-130008** County: San Francisco System: State Highway RTP ID: 240523 CTIPS ID: 20600005551  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: HOV Lanes on US 101 in SF - Project Development  
 Description: San Francisco: US 101 from SF county line to Cesar Chavez: Planning, Preliminary Engineering, and Environmental to convert one existing lane in each direction to HOV lanes  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 2,000					\$ 2,000
Total Programmed Funding:			\$ 2,000					\$ 2,000



Roadway Projects  
**San Francisco County**  
 State Highway Projects

TIP ID: **SF-991030** County: San Francisco System: State Highway RTP ID: 94089 CTIPS ID: 20600001448  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: Caltrans  
 Project Name: US 101 Doyle Drive Replacement  
 Description: San Francisco: US 101 (Doyle Drive) from Lombard Street/Richardson Avenue to Route 1 Interchange; Replace/rehabilitate roadway.

Air Quality Exempt Code: NON-EXEMPT

Route: 101 Post Mile From: 8.0 Post Mile To: 9.8

Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	EARMARK	\$ 5,437						\$ 5,437
ENV	FLHP	\$ 7,200						\$ 7,200
ENV	SALESTAX-MEASURE	\$ 5,874						\$ 5,874
ENV	TCRP	\$ 9,000						\$ 9,000
PSE	AC	\$ 20,240						\$ 20,240
PSE	EARMARK	\$ 4,538						\$ 4,538
PSE	FLHP	\$ 21,904						\$ 21,904
PSE	RIP	\$ 6,374						\$ 6,374
PSE	SALESTAX-MEASURE	\$ 3,004						\$ 3,004
PSE	TCRP	\$ 4,700						\$ 4,700
ROW	AC	\$ 32,300						\$ 32,300
ROW	EARMARK	\$ 2,622						\$ 2,622
ROW	FLHP	\$ 31,261						\$ 31,261
ROW	RIP	\$ 10,101						\$ 10,101
CON-CT	AB1171-AB144	\$ 3,000						\$ 3,000
CON-CT	AC	\$ 32,030						\$ 32,030
CON-CT	ST-STP	\$ 10,863						\$ 10,863
CON-CT	TCRP	\$ 1,300						\$ 1,300
CON	AB1171-AB144	\$ 77,000						\$ 77,000
CON	AC	\$ 183,620						\$ 183,620
CON	FLHP	\$ 3,704						\$ 3,704
CON	OTHER LOCAL	\$ 75,000						\$ 75,000
CON	PROP	\$ 19,366						\$ 19,366
CON	RIP	\$ 72,235						\$ 72,235
CON	SALESTAX-MEASURE	\$ 50,683						\$ 50,683
CON	SHA	\$ 21,200	\$ 21,200	\$ 21,200	\$ 21,200	\$ 21,200	\$ 1,024,070	\$ 1,130,070
CON	ST-STP	\$ 75,819						\$ 75,819
CON	STP	\$ 34,000						\$ 34,000
CON	TIGER	\$ 46,000						\$ 46,000
ROW-CT	AC	\$ 1,100						\$ 1,100
ROW-CT	RIP	\$ 391						\$ 391
ROW-CT	SALESTAX-MEASURE	\$ 6,000						\$ 6,000
<b>Total Programmed Funding:</b>			<b>\$ 21,200</b>	<b>\$ 21,200</b>	<b>\$ 21,200</b>	<b>\$ 21,200</b>	<b>\$ 1,024,070</b>	<b>\$ 1,986,737</b>

End of section



Roadway Projects  
**San Francisco County**  
 Local Road Projects

TIP ID: **SF-170002** County: San Francisco System: Local Road RTP ID: 22425 CTIPS ID: 20600006090  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: San Francisco County Transport  
 Project Name: Regional Planning Activities and PPM - SF County  
 Description: San Francisco: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP		\$ 447	\$ 667				\$ 1,114
PE	OTHER LOCAL			\$ 518				\$ 518
PE	STP			\$ 3,997				\$ 3,997
Total Programmed Funding:			\$ 447	\$ 5,182				\$ 5,629

TIP ID: **SF-110011** County: San Francisco System: Local Road RTP ID: 240681 CTIPS ID: 20600004859  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: Integrated Public-Private Partnership TDM Program  
 Description: San Francisco: Implement pilot TDM strategies: (a) parking cash-out programs and TDM related approaches, and (b) Muni Partners shuttle coordination and expansion. Includes program evaluation.  
 Air Quality Exempt Code: 3.01 - EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	CMAQ	\$ 750						\$ 750
CON	OTHER LOCAL	\$ 46	\$ 10					\$ 56
CON	SALESTAX-MEASURE	\$ 79						\$ 79
CON	TFCA	\$ 150						\$ 150
Total Programmed Funding:			\$ 10					\$ 1,035

TIP ID: **SF-110049** County: San Francisco System: Local Road RTP ID: 240728 CTIPS ID: 20600005458  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: Treasure Island Congestion Pricing Program  
 Description: San Francisco: Treasure Island: Implement Congestion Pricing Program. project is phased  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 1,650	\$ 500				\$ 696	\$ 2,846
PE	RTP-LRP						\$ 326	\$ 326
PE	SALESTAX-MEASURE	\$ 250	\$ 110					\$ 360
PE	VPPP	\$ 480						\$ 480
PSE	OTHER LOCAL			\$ 500			\$ 907	\$ 1,407
PSE	RTP-LRP						\$ 728	\$ 728
CON	OTHER LOCAL			\$ 783	\$ 217		\$ 722	\$ 1,722
CON	RTP-LRP						\$ 866	\$ 866
Total Programmed Funding:			\$ 610	\$ 1,283	\$ 217		\$ 4,245	\$ 8,735

TIP ID: **SF-130004** County: San Francisco System: Local Road RTP ID: 240400 CTIPS ID: 20600005543  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: Treasure Is/Yerba Buena Is Street Improvements  
 Description: On Treasure Island: Implement Treasure Island/Yerba Buena Island street network Project includes a new street network, traffic calming, bike & pedestrian improvements, streetscape and transit/shuttle stops.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 500						\$ 500
ROW	OTHER LOCAL		\$ 1,000					\$ 1,000
CON	PRIVATE				\$ 1,000	\$ 5,000	\$ 40,460	\$ 46,460
Total Programmed Funding:			\$ 1,000		\$ 1,000	\$ 5,000	\$ 40,460	\$ 47,960





Roadway Projects  
**San Francisco County**  
 Local Road Projects

TIP ID: **SF-130017** County: San Francisco System: Local Road RTP ID: 240728 CTIPS ID: 20600005716  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: Other  
 Project Name: SF Downtown Congestion Pricing (NE Cordon)  
 Description: San Francisco: In the northeast part of the city bounded by Laguna, Guerrero, and 18th St: Implement or pilot a mobility improvement and congestion pricing program charging a peak hour toll (capped at \$6/day) for drivers crossing into or out of the area

Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 100						\$ 100
PE	SALESTAX-MEASURE	\$ 200						\$ 200
CON	OTHER LOCAL		\$ 2,000					\$ 2,000
CON	RTP-LRP						\$ 101,900	\$ 101,900
Total Programmed Funding:			\$ 2,000				\$ 101,900	\$ 104,200

TIP ID: **SF-150008** County: San Francisco System: Local Road RTP ID: 240490 CTIPS ID: 20600005921  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Quint-Jerrold Connector Road  
 Description: San Francisco: From Oakdale Ave to Jerrold Ave: Provide an alternate access route between Oakdale and Jerrold Avenues and across the Caltrain tracks, to be coordinated with Caltrain's Quint Street Bridge Replacement project which will close Quint Street.

Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE	\$ 183						\$ 183
PE	OTHER LOCAL	\$ 2						\$ 2
PE	SALESTAX-MEASURE	\$ 598						\$ 598
PSE	OTHER LOCAL		\$ 107					\$ 107
PSE	SALESTAX-MEASURE		\$ 376					\$ 376
ROW	SALESTAX-MEASURE	\$ 1,914						\$ 1,914
CON	OTHER LOCAL			\$ 1,891				\$ 1,891
CON	RTP-LRP						\$ 851	\$ 851
CON	SALESTAX-MEASURE	\$ 4,000		\$ 118				\$ 4,118
Total Programmed Funding:			\$ 483	\$ 2,009			\$ 851	\$ 10,040

TIP ID: **SF-010038** County: San Francisco System: Local Road RTP ID: 21549 CTIPS ID: 20600002268  
 Sponsor: San Francisco Dept of Public Works (SFDPW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Bayview Transportation Improvements  
 Description: In San Francisco: From US 101 to the Hunters Point Shipyard along: 25th, I280-Illinois; Cesar Chavez, US101-Illinois; Illinois, 25th-Cargo; Cargo, Illinois-Jennings; Jennings, Cargo-Evans; Evans, Cesar Chavez-Jennings: Implement direct access routes

Air Quality Exempt Code: NON-EXEMPT

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	EARMARK	\$ 8,355						\$ 8,355
PSE	OTHER LOCAL	\$ 500						\$ 500
ROW	OTHER LOCAL	\$ 500			\$ 288			\$ 788
CON	EARMARK	\$ 957						\$ 957
CON	OTHER LOCAL		\$ 712					\$ 712
CON	RTP-LRP						\$ 24,838	\$ 24,838
Total Programmed Funding:			\$ 712		\$ 288		\$ 24,838	\$ 36,150



Roadway Projects  
**San Francisco County**  
 Local Road Projects

TIP ID: **SF-090004** County: San Francisco System: Local Road RTP ID: 230490 CTIPS ID: 20600004275  
 Sponsor: San Francisco Dept of Public Works (SFPDW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Harney Way Roadway Widening  
 Description: In San Francisco: Harney Way from US 101 to Jamestown: Improvements including right-of-way engineering, land acquisition for future widening of roadway, design, landscaping and sidewalk improvements, roadway construction, and traffic signal improvements.

Air Quality Exempt Code: NON-EXEMPT

Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 300						\$ 300
PE	EARMARK	\$ 63						\$ 63
PE	OTHER LOCAL	\$ 37						\$ 37
PE	PRIVATE	\$ 600						\$ 600
ROW	EARMARK	\$ 475						\$ 475
ROW	OTHER LOCAL		\$ 205					\$ 205
CON	OTHER LOCAL			\$ 320				\$ 320
CON	PRIVATE			\$ 12,000				\$ 12,000
CON	RTP-LRP						\$ 10,050	\$ 10,050
Total Programmed Funding:			\$ 205	\$ 12,320			\$ 10,050	\$ 24,050

TIP ID: **SF-110005** County: San Francisco System: Local Road RTP ID: 240490 CTIPS ID: 20600004629  
 Sponsor: San Francisco Dept of Public Works (SFPDW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Great Highway Restoration  
 Description: San Francisco: Great Highway: From Sloat to Skyline Hwy: Ph 1. Restore and stabilize roadway, stop bluff slides, and protect infrastructure. Phase 2. Implement road diet by closing remaining SB lane and converting 2 NB lanes to 1 NB lane and 1 SB lane.

Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	ERS	\$ 795						\$ 795
PE	SALESTAX-MEASURE	\$ 103						\$ 103
CON	ERS	\$ 2,898	\$ 2,682					\$ 5,580
CON	SALESTAX-MEASURE		\$ 347					\$ 347
Total Programmed Funding:			\$ 3,030					\$ 6,826

TIP ID: **SF-110006** County: San Francisco System: Local Road RTP ID: 240163 CTIPS ID: 20600004631  
 Sponsor: San Francisco Dept of Public Works (SFPDW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Hunters Pt Shipyard and Candlestick Pt Local Roads  
 Description: In San Francisco: Hunters Point Shipyard and Candlestick Point: Implement new local streets to support multi-modal mixed use development. The project is phased.

Air Quality Exempt Code: NON-EXEMPT

Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 50						\$ 50
PE	PRIVATE	\$ 2,000						\$ 2,000
ROW	PRIVATE		\$ 2,000				\$ 28,000	\$ 30,000
CON	PRIVATE			\$ 3,000			\$ 303,100	\$ 306,100
Total Programmed Funding:			\$ 2,000	\$ 3,000			\$ 331,100	\$ 338,150

TIP ID: **SF-130001** County: San Francisco System: Local Road RTP ID: 240155 CTIPS ID: 20600005552  
 Sponsor: San Francisco Dept of Public Works (SFPDW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: SF- Better Market Street Transportation Elements  
 Description: In San Francisco: Market St from Steuart St to Octavia Blvd: improve roadway, including resurfacing, sidewalk and transit boarding improvements, transit connections, traffic signals, transportation circulation changes and utility relocation and upgrade.

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 500						\$ 500
PSE	OTHER LOCAL	\$ 500						\$ 500
ROW	OTHER LOCAL			\$ 500				\$ 500
CON	OTHER LOCAL				\$ 1,500			\$ 1,500
CON	RTP-LRP						\$ 203,400	\$ 203,400
Total Programmed Funding:				\$ 500	\$ 1,500		\$ 203,400	\$ 206,400



Roadway Projects  
**San Francisco County**  
 Local Road Projects

TIP ID: **SF-130006** County: San Francisco System: Local Road RTP ID: 240147 CTIPS ID: 20600005534  
 Sponsor: San Francisco Dept of Public Works (SFDPW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Southeast Waterfront Transportation Improvements  
 Description: San Francisco: Between HP Shipyard and Candlestick Pt: improve roadways to facilitate 5-mile, multi-modal corridor, connecting project area with the Bayshore Intermodal Station. Project development and AQ conformity analysis were part of SF-010038.

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 200						\$ 200
CON	OTHER LOCAL	\$ 1,804				\$ 100,049		\$ 101,853
CON	PRIVATE	\$ 103,568						\$ 103,568
CON	RTP-LRP						\$ 47,703	\$ 47,703
Total Programmed Funding:						\$ 100,049	\$ 47,703	\$ 253,324

TIP ID: **SF-110002** County: San Francisco System: Local Road RTP ID: 240358 CTIPS ID: 20600004709  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Mission Bay/UCSF Multi-Modal Transportation Imps.  
 Description: San Francisco: Mission Bay: street additions, connections, realignments, improvements and enhancements; widen I-280/Mariposa off-ramp; and construct a transit loop for the T-third light rail line.

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 100						\$ 100
PSE	OTHER LOCAL	\$ 1,445						\$ 1,445
CON	OTHER LOCAL	\$ 10,345	\$ 2,000					\$ 12,345
CON	PROP	\$ 1,382						\$ 1,382
CON	RTP-LRP						\$ 24,420	\$ 24,420
CON	FED-DISC	\$ 10,000						\$ 10,000
Total Programmed Funding:			\$ 2,000				\$ 24,420	\$ 49,692

TIP ID: **SF-110037** County: San Francisco System: Local Road RTP ID: 240681 CTIPS ID: 20600005345  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Linked Priced Electric Bikesharing  
 Description: In San Francisco and select Bay Area cities: Apply ITS technology and differential pricing with the colocation of shared electric bicycles within City CarShare's existing systems

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 84						\$ 84
PE	VPPP	\$ 337						\$ 337
CON	OTHER LOCAL	\$ 292						\$ 292
CON	VPPP	\$ 1,167						\$ 1,167
Total Programmed Funding:								\$ 1,880

TIP ID: **SF-130002** County: San Francisco System: Local Road RTP ID: 240399 CTIPS ID: 20600005536  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Implement Parkmerced Street Network  
 Description: In San Francisco: Implement Parkmerced Street Network (includes a new street network, traffic calming, pedestrian improvements, biking improvements, streetscape improvements, and transit/shuttle stops)

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 500						\$ 500
ROW	OTHER LOCAL			\$ 500				\$ 500
CON	OTHER LOCAL			\$ 500				\$ 500
CON	RTP-LRP						\$ 46,460	\$ 46,460
Total Programmed Funding:				\$ 1,000			\$ 46,460	\$ 47,960



Roadway Projects  
**San Francisco County**  
 Local Road Projects

TIP ID: **SF-150009** County: San Francisco System: Local Road RTP ID: 240488 CTIPS ID: 20600005933  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: San Francisco Citywide Bicycle Wayfinding  
 Description: San Francisco: Citywide: Implement an effective bicycle wayfinding signage system throughout San Francisco. This system will increase ridership by improving both the comfort of riding and the ability to navigate the bicycle network.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE	\$ 55						\$ 55
PSE	SALESTAX-MEASURE	\$ 144						\$ 144
CON	ATP-REG	\$ 792						\$ 792
CON	SALESTAX-MEASURE	\$ 154						\$ 154
<b>Total Programmed Funding:</b>								<b>\$ 1,145</b>

End of section



The page left Intentionally blank

Roadway Projects  
**San Francisco County**  
 Bike/Pedestrian Projects

TIP ID: **SF-150016** County: San Francisco System: State Highway RTP ID: 240543 CTIPS ID: 20600006048  
 Sponsor: San Francisco Dept of Public Works (SFDPW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Lombard Street Vision Zero Project  
 Description: In San Francisco: On Lombard/US-101 between Broderick St and Franklin St; Install curb extensions and other pedestrian safety and transit features. Project is phased.  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects

Route: 101		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 110						\$ 110
PSE	OTHER LOCAL	\$ 4,002						\$ 4,002
PSE	SALESTAX-MEASURE	\$ 613						\$ 613
CON	ATP-REG		\$ 2,507					\$ 2,507
CON	OTHER LOCAL	\$ 10	\$ 3,043					\$ 3,053
CON	SALESTAX-MEASURE	\$ 33	\$ 614					\$ 647
<b>Total Programmed Funding:</b>			\$ 6,164					\$ 10,932

TIP ID: **SF-130021** County: San Francisco System: Local Road RTP ID: 240731 CTIPS ID: 20600005835  
 Sponsor: Port of San Francisco Implementing Agency: Port of San Francisco  
 Project Name: Pier 70 19th Street & Illinois Street Sidewalk  
 Description: San Francisco: 19th St from Illinois St to approximately 600' east: Construct new 19th St roadway and bike/ped improvements; On Illinois Street from 18th and 19th: construct new sidewalk and other bike/ped improvements to support Bay Trail gap closures.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 370						\$ 370
CON	OTHER LOCAL		\$ 1,850					\$ 1,850
CON	STP		\$ 1,000					\$ 1,000
<b>Total Programmed Funding:</b>			\$ 2,850					\$ 3,220

TIP ID: **SF-150013** County: San Francisco System: Local Road RTP ID: 240543 CTIPS ID: 20600005973  
 Sponsor: San Francisco County Transport Authority (SFCTA) Implementing Agency: San Francisco County Transport  
 Project Name: SB I-280 Off-Ramp at Ocean Ave Realignment  
 Description: San Francisco: I-280/Ocean Avenue Interchange: Realign the southbound I-280 off-ramp to Ocean Avenue into a T intersection with a new signal on Ocean Avenue  
 Air Quality Exempt Code: 5.03 - EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects

Route: 280		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE	\$ 750						\$ 750
PSE	OTHER LOCAL		\$ 500					\$ 500
CON	OTHER LOCAL			\$ 1,500				\$ 1,500
CON	RTP-LRP						\$ 2,850	\$ 2,850
<b>Total Programmed Funding:</b>			\$ 500	\$ 1,500			\$ 2,850	\$ 5,600

TIP ID: **SF-130018** County: San Francisco System: Local Road RTP ID: 240747 CTIPS ID: 20600005747  
 Sponsor: San Francisco Depart of Public Health (SFDPH) Implementing Agency: San Francisco Depart of Public Health  
 Project Name: SF SRTS Non-Infrastructure Program  
 Description: In San Francisco: Countywide: Expansion of the existing San Francisco SRTS education and outreach program.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs

Route:		Post Mile From:	Post Mile To:	Toll Credits:				
All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ	\$ 1,439	\$ 360					\$ 1,799
CON	OTHER LOCAL		\$ 191					\$ 191
<b>Total Programmed Funding:</b>			\$ 551					\$ 1,990



Roadway Projects  
**San Francisco County**  
 Bike/Pedestrian Projects

TIP ID: **SF-150003** County: San Francisco System: Local Road RTP ID: 240747 CTIPS ID: 20600005877  
 Sponsor: San Francisco Dept of Public Health (SFDPH) Implementing Agency: San Francisco Dept of Public Health  
 Project Name: San Francisco Safe Routes to School (ATP)  
 Description: San Francisco: Citywide: Implement effective policy, education, enforcement and outreach strategies to increase walking, biking, transit, and carpooling for ALL students in school years 2015-17.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	ATP-ST	\$ 990						\$ 990
Total Programmed Funding:								\$ 990

TIP ID: **SF-150017** County: San Francisco System: Local Road RTP ID: 240747 CTIPS ID: 20600006054  
 Sponsor: San Francisco Dept of Public Health (SFDPH) Implementing Agency: San Francisco Dept of Public Health  
 Project Name: SF Safe Routes to School 2017-2019  
 Description: San Francisco: Citywide: Implement a pilot proposal that includes innovative educational, encouragement, and evaluation activities and deliverables to increase safe walking and biking by schoolchildren and their families for school years 2017-2019.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 276,542

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	ATP-REG		\$ 2,411					\$ 2,411
CON	OTHER LOCAL			\$ 67	\$ 67			\$ 133
Total Programmed Funding:								\$ 2,544

TIP ID: **SF-130007** County: San Francisco System: Local Road RTP ID: 240370 CTIPS ID: 20600005546  
 Sponsor: San Francisco Dept of Public Works (SFDPW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: HOPE SF Street Grid Phase 1  
 Description: In San Francisco: Hunters View in Southeast at the intersections of Evans and Middle Point Road: realign existing streets and add new streets at public housing sites to improve transit, walking, and biking.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 2,000						\$ 2,000
CON	OTHER LOCAL	\$ 6,000	\$ 2,000					\$ 8,000
Total Programmed Funding:								\$ 10,000

TIP ID: **SF-130011** County: San Francisco System: Local Road RTP ID: 240490 CTIPS ID: 20600005708  
 Sponsor: San Francisco Dept of Public Works (SFDPW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: SF- Second Street Complete Streets and Road Diet  
 Description: In San Francisco: On Second Street between Market and King; Design and construct a complete streets project including the removal of a vehicular travel lane from Market to Townsend  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 469						\$ 469
PE	SALESTAX-MEASURE	\$ 173						\$ 173
PE	STP	\$ 1,334						\$ 1,334
CON	OTHER LOCAL		\$ 1,180					\$ 1,180
CON	SALESTAX-MEASURE	\$ 1,550						\$ 1,550
CON	STP	\$ 9,182	\$ 601					\$ 9,782
Total Programmed Funding:								\$ 14,488



Roadway Projects  
**San Francisco County**  
 Bike/Pedestrian Projects

TIP ID: **SF-130014** County: San Francisco System: Local Road RTP ID: 240486 CTIPS ID: 20600005710  
 Sponsor: San Francisco Dept of Public Works (SFDPW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: SF- Broadway Chinatown Complete Streets  
 Description: In San Francisco: On Broadway between Columbus and the Broadway Tunnel; Design and construct a complete street project.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 7						\$ 7
PE	SR2S	\$ 63						\$ 63
PE	STP	\$ 204						\$ 204
PE	VRF	\$ 650						\$ 650
CON	OTHER LOCAL	\$ 1,910						\$ 1,910
CON	SALESTAX-MEASURE	\$ 738						\$ 738
CON	SR2S	\$ 324						\$ 324
CON	STP	\$ 3,274						\$ 3,274
CON	VRF	\$ 1,030						\$ 1,030
Total Programmed Funding:								\$ 8,200

TIP ID: **SF-150001** County: San Francisco System: Local Road RTP ID: 240747 CTIPS ID: 20600005870  
 Sponsor: San Francisco Dept of Public Works (SFDPW) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: John Yehall Chin Safe Routes to School  
 Description: In San Francisco: 4 intersections near 350 Broadway Street: Construct curb extensions and a raised crosswalk.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 58,956

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	ATP-ST	\$ 21						\$ 21
ENV	SALESTAX-MEASURE	\$ 40						\$ 40
PSE	ATP-ST	\$ 337						\$ 337
CON	OTHER LOCAL			\$ 1,497				\$ 1,497
Total Programmed Funding:								\$ 1,895

TIP ID: **SF-130015** County: San Francisco System: Local Road RTP ID: 240486 CTIPS ID: 20600005702  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Dept of Public Works  
 Project Name: Mansell Corridor Complete Streets  
 Description: San Francisco: Mansell Ave from University to Brazil and Persia St from Brazil to Dublin: Implement complete streets improvements, including reduced, separated and relocated vehicular lanes, and bike/ped enhancements  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 316						\$ 316
PE	STP	\$ 211						\$ 211
PE	VRF	\$ 202						\$ 202
CON	OTHER LOCAL	\$ 1,213						\$ 1,213
CON	SALESTAX-MEASURE	\$ 573						\$ 573
CON	STP	\$ 1,552						\$ 1,552
CON	VRF	\$ 2,489						\$ 2,489
Total Programmed Funding:								\$ 6,555

TIP ID: **SF-130019** County: San Francisco System: Local Road RTP ID: 240544 CTIPS ID: 20600005808  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Eddy and Ellis Traffic Calming Improvement Project  
 Description: San Francisco: On Eddy St between Leavenworth and Cyril Magnin and on Ellis St between Jones and Cyril Magnin: Convert one-way streets to two-way streets and implement pedestrian and traffic calming improvements  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE	\$ 28						\$ 28
PE	VRF	\$ 337						\$ 337
CON	CMAQ	\$ 718	\$ 457					\$ 1,175
CON	SALESTAX-MEASURE	\$ 93	\$ 49					\$ 142
CON	VRF		\$ 28					\$ 28
Total Programmed Funding:								\$ 1,710





Roadway Projects  
**San Francisco County**  
 Bike/Pedestrian Projects

TIP ID: **SF-130022** County: San Francisco System: Local Road RTP ID: 240731 CTIPS ID: 20600005836  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: Twin Peaks Connectivity Planning  
 Description: San Francisco: on Twin Peaks: Develop a conceptual design that will improve access for people who walk or bicycle on Twin Peaks.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL	\$ 23						\$ 23	
PE	STP	\$ 168						\$ 168	
<b>Total Programmed Funding:</b>									<b>\$ 191</b>

TIP ID: **SF-150002** County: San Francisco System: Local Road RTP ID: 240493 CTIPS ID: 20600005875  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: San Francisco Safer Streets Campaign  
 Description: San Francisco: Citywide: Provide high-visibility enforcement and education to reduce injuries and fatalities, caused by vehicles speeding, to people who walk and bicycle, and increase the number of people who choose to walk and bike in San Francisco.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 229,400

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	ATP-ST	\$ 2,000						\$ 2,000	
<b>Total Programmed Funding:</b>									<b>\$ 2,000</b>

TIP ID: **SF-150004** County: San Francisco System: Local Road RTP ID: 240488 CTIPS ID: 20600005882  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: SFMTA Station-Area Ped and Bicycle Access Imp.  
 Description: San Francisco: Citywide within fixed guideway station area radii (per FTA eligibility): Improvements to pedestrian and bicycle access to the transportation stop/station.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
CON	5307	\$ 500						\$ 500	
CON	5337	\$ 500						\$ 500	
CON	SALESTAX-MEASURE	\$ 250						\$ 250	
<b>Total Programmed Funding:</b>									<b>\$ 1,250</b>

TIP ID: **SF-150011** County: San Francisco System: Local Road RTP ID: 240486 CTIPS ID: 20600005950  
 Sponsor: San Francisco Municipal Transport Agency (SFMTA) Implementing Agency: San Francisco Municipal Transport  
 Project Name: San Francisco Vision Zero Safety Investment  
 Description: San Francisco: along the Van Ness Corridor: Implement pedestrian and safety improvements including pedestrian bulbouts, pedestrian scale lighting, pedestrian countdown signals, ADA curb ramps, and pedestrian refuge islands  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL	\$ 453						\$ 453	
CON	ATP-REG		\$ 4,058					\$ 4,058	
CON	OTHER LOCAL		\$ 526					\$ 526	
<b>Total Programmed Funding:</b>									<b>\$ 5,037</b>

End of section



# San Mateo County



Roadway Projects  
**San Mateo County**  
 State Highway Projects

TIP ID: **SM-050001** County: San Mateo System: State Highway RTP ID: 98204 CTIPS ID: 20600002917  
 Sponsor: **Pacifica** Implementing Agency: **Pacifica**  
 Project Name: **SR 1 - Fassler to Westport Drive Widening**  
 Description: **In Pacifica: Route 1 between Fassler Ave. & Westport Dr.; Add an additional lane in each direction.**  
 Air Quality Exempt Code: **NON-EXEMPT**  
 Route: **1** Post Mile From: **41.7** Post Mile To: **43.0** Toll Credits: **\$ 791,430**

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE	\$ 4,000						\$ 4,000
PSE	SALESTAX-MEASURE			\$ 5,573				\$ 5,573
ROW-	SALESTAX-MEASURE				\$ 500			\$ 500
ROW	RIP				\$ 6,900			\$ 6,900
ROW	SALESTAX-MEASURE				\$ 200			\$ 200
CON	OTHER LOCAL					\$ 1,900		\$ 1,900
CON	RTP-LRP						\$ 31,477	\$ 31,477
Total Programmed Funding:				\$ 5,573	\$ 7,600	\$ 1,900	\$ 31,477	\$ 50,550

TIP ID: **SM-090015** County: San Mateo System: State Highway RTP ID: 22751 CTIPS ID: 20600004351  
 Sponsor: **Half Moon Bay** Implementing Agency: **San Mateo County Transportation**  
 Project Name: **Route 1 improvements in Half Moon Bay**  
 Description: **In Half Moon Bay: On Route 1; Improve safety on Route 1, including adding protected left and right turn lanes at Route 1, adding through lanes on Route 1 at signalized intersections, and constructing new pedestrian/bicycle path**  
 Air Quality Exempt Code: **NON-EXEMPT**  
 Route: **1** Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	SALESTAX-MEASURE		\$ 600					\$ 600
ROW	OTHER LOCAL	\$ 50						\$ 50
CON	RTP-LRP						\$ 4,400	\$ 4,400
CON	SALESTAX-MEASURE					\$ 2,000		\$ 2,000
Total Programmed Funding:			\$ 600			\$ 2,000	\$ 4,400	\$ 7,050

TIP ID: **SM-170001** County: San Mateo System: State Highway RTP ID: 240114 CTIPS ID: 20600006077  
 Sponsor: **San Mateo County** Implementing Agency: **Caltrans**  
 Project Name: **Hwy 1 Congestion throughput and safety improvement**  
 Description: **In San Mateo County along 7 miles of Highway 1 between Pacifica in the north and Half Moon Bay in the south; Install raised medians, left turn lanes, acceleration lanes, and pedestrian crossings.**  
 Air Quality Exempt Code: **5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects**  
 Route: **1** Post Mile From: **30** Post Mile To: **38.31** Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL		\$ 150					\$ 150
ENV	SALESTAX-MEASURE		\$ 1,000					\$ 1,000
PE	SALESTAX-MEASURE		\$ 500					\$ 500
CON	RTP-LRP						\$ 5,500	\$ 5,500
Total Programmed Funding:			\$ 1,650				\$ 5,500	\$ 7,150

TIP ID: **SM-170003** County: San Mateo System: State Highway RTP ID: 22271 CTIPS ID: 20600006097  
 Sponsor: **San Bruno** Implementing Agency: **San Bruno**  
 Project Name: **SR-35 (Skyline Blvd) Widening from I-280 to Sneath**  
 Description: **Widens Skyline Blvd. (SR 35) between I-280 and Sneath Lane. It is currently the last portion of what is otherwise a four lane roadway along Skyline Blvd. The project widens approximately 1.3 miles of the roadway into four lanes.**  
 Air Quality Exempt Code: **NON-EXEMPT**  
 Route: **35** Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE		\$ 500					\$ 500
PE	SALESTAX-MEASURE	\$ 350						\$ 350
CON	RTP-LRP						\$ 3,600	\$ 3,600
Total Programmed Funding:			\$ 500				\$ 3,600	\$ 4,450



Roadway Projects  
**San Mateo County**  
 State Highway Projects

TIP ID: **SM-130030** County: San Mateo System: State Highway RTP ID: 240590 CTIPS ID: 20600005820  
 Sponsor: South San Francisco Implementing Agency: South San Francisco  
 Project Name: SSF Grand Blvd Project: Kaiser Way to McLellan  
 Description: South San Francisco: Along El Camino Real between Kaiser Way and McLellan Drive: Implement bike and pedestrian enhancements, street trees, rain gardens and median landscaping as well as sustainable/green streets features.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: 82 Post Mile From: 20.5 Post Mile To: 21.6 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL			\$ 548				\$ 548
CON	RIP			\$ 1,991				\$ 1,991
Total Programmed Funding:				\$ 2,539				\$ 2,539

TIP ID: **SM-070029** County: San Mateo System: State Highway RTP ID: 21612 CTIPS ID: 20600004058  
 Sponsor: San Mateo CCAG Implementing Agency: San Mateo CCAG  
 Project Name: Dumbarton Bridge to US101 Connection Study  
 Description: East Palo Alto: Dumbarton Bridge at US 101; Study of various connections between the Dumbarton Bridge and Highway 101. SAFETEA Earmark HPP #3062 (\$400K)  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 84 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	EARMARK		\$ 378					\$ 378
ENV	OTHER LOCAL		\$ 100					\$ 100
Total Programmed Funding:			\$ 478					\$ 478

TIP ID: **SM-010002** County: San Mateo System: State Highway RTP ID: 21893 CTIPS ID: 10600000643  
 Sponsor: Half Moon Bay Implementing Agency: Half Moon Bay  
 Project Name: SR 92 Shoulder Widening & Curve Correction  
 Description: Half Moon Bay: Rte 92 btw eastern city limits and Pilarcitos Creek; Widen shoulders, straighten curves and improve vertical sight distances. No additional travel lanes.  
 Air Quality Exempt Code: 1.04 - EXEMPT (40 CFR 93.126) - Shoulder improvements  
 Route: 92 Post Mile From: .7 Post Mile To: 5.3 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	SALESTAX-MEASURE		\$ 600					\$ 600
CON	RTP-LRP						\$ 4,700	\$ 4,700
Total Programmed Funding:			\$ 600				\$ 4,700	\$ 5,300

TIP ID: **SM-110047** County: San Mateo System: State Highway RTP ID: 21613 CTIPS ID: 20600005208  
 Sponsor: San Mateo (City) Implementing Agency: San Mateo (City)  
 Project Name: SR92/El Camino Real (SR82) Ramp Modifications  
 Description: San Mateo: At the SR92/El Camino Real (SR82) interchange: Modify existing on/off rampsto improve the ingress and egress of the interchange.  
 Air Quality Exempt Code: 5.03 - EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects  
 Route: 92 Post Mile From: 11.21 Post Mile To: 11.21 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	EARMARK	\$ 980						\$ 980
PE	OTHER LOCAL	\$ 125						\$ 125
PE	SALESTAX-MEASURE	\$ 500						\$ 500
PSE	EARMARK	\$ 1,000						\$ 1,000
PSE	OTHER LOCAL	\$ 100						\$ 100
PSE	SALESTAX-MEASURE	\$ 1,500						\$ 1,500
CON	EARMARK		\$ 865					\$ 865
CON	PRIVATE		\$ 2,030					\$ 2,030
CON	RIP			\$ 2,000				\$ 2,000
CON	SALESTAX-MEASURE		\$ 16,000					\$ 16,000
CON-CE	RIP			\$ 3,000				\$ 3,000
Total Programmed Funding:			\$ 18,895	\$ 5,000				\$ 28,100



Roadway Projects  
**San Mateo County**  
 State Highway Projects

TIP ID: **SM-010047** County: San Mateo System: State Highway RTP ID: 21606 CTIPS ID: 20600002139  
 Sponsor: Menlo Park Implementing Agency: Caltrans  
 Project Name: US 101 / Willow Road Interchange Reconstruction  
 Description: Menlo Park: US 101 at Willow Road Interchange; Reconstruct and reconfigure interchange (No additional travel lanes).  
 Air Quality Exempt Code: 5.04 - EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment  
 Route: 101 Post Mile From: 1.7 Post Mile To: 2.1 Toll Credits: \$ 774,455

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP	\$ 3,534						\$ 3,534
PSE	RIP	\$ 4,946						\$ 4,946
ROW-	RIP	\$ 855						\$ 855
ROW-	SALESTAX-MEASURE	\$ 100						\$ 100
ROW	RIP	\$ 2,217						\$ 2,217
CON	SALESTAX-MEASURE			\$ 36,400				\$ 36,400
CON-CE	RIP			\$ 8,000				\$ 8,000
Total Programmed Funding:				\$ 44,400				\$ 56,052

TIP ID: **SM-050027** County: San Mateo System: State Highway RTP ID: 21603 CTIPS ID: 20600003487  
 Sponsor: Redwood City Implementing Agency: Redwood City  
 Project Name: US 101 / Woodside Interchange Improvement  
 Description: Redwood City: US101/Woodside; Reconstruct and reconfigure interchange.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 5.1 Post Mile To: 6.0 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	SALESTAX-MEASURE	\$ 2,420						\$ 2,420
PE	SALESTAX-MEASURE	\$ 1,000						\$ 1,000
PSE	SALESTAX-MEASURE		\$ 5,490					\$ 5,490
ROW	OTHER LOCAL			\$ 1,900				\$ 1,900
CON	RTP-LRP						\$ 37,300	\$ 37,300
CON-CE	RTP-LRP						\$ 1,000	\$ 1,000
Total Programmed Funding:			\$ 5,490	\$ 1,900			\$ 38,300	\$ 49,110

TIP ID: **SM-090004** County: San Mateo System: State Highway RTP ID: 22756 CTIPS ID: 20600004317  
 Sponsor: Brisbane Implementing Agency: Brisbane  
 Project Name: US 101/Candlestick Interchange  
 Description: In San Mateo County: U.S. 101/Candlestick Point Interchange - Reconfigure interchange to allow for safer and better flow of traffic  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 490						\$ 490
PE	SALESTAX-MEASURE			\$ 400				\$ 400
CON	OTHER LOCAL						\$ 1,500	\$ 1,500
CON	RTP-LRP						\$ 11,500	\$ 11,500
Total Programmed Funding:				\$ 400			\$ 13,000	\$ 13,890

TIP ID: **SM-090008** County: San Mateo System: State Highway RTP ID: 230417 CTIPS ID: 20600004357  
 Sponsor: San Carlos Implementing Agency: San Carlos  
 Project Name: US101/Holly Interchange modification  
 Description: City of San Carlos: At Holly St./ 101 Interchange Modification;Widen east bound to north bound ramp to two lanes and eliminate north bound to west bound loop  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	SALESTAX-MEASURE	\$ 1,500						\$ 1,500
PE	OTHER LOCAL	\$ 500						\$ 500
PSE	SALESTAX-MEASURE	\$ 1,500						\$ 1,500
CON	OTHER LOCAL		\$ 2,000					\$ 2,000
CON	SALESTAX-MEASURE		\$ 10,700					\$ 10,700
Total Programmed Funding:			\$ 12,700					\$ 16,200



Roadway Projects  
**San Mateo County**  
 State Highway Projects

TIP ID: **SM-090009** County: San Mateo System: State Highway RTP ID: 21604 CTIPS ID: 20600004360  
 Sponsor: San Mateo County Transportation Authority Implementing Agency: San Mateo County Transportation  
 Project Name: US 101 Aux lanes from Sierra Point to SF Cnty Line  
 Description: San Mateo County: On US 101 from Sierra Point to SF County Line; Construct auxiliary lanes or managed lanes. Project also references RTP ID 240060 for managed lanes  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE		\$ 8,000					\$ 8,000
PE	SALESTAX-MEASURE	\$ 1,000						\$ 1,000
PSE	OTHER LOCAL			\$ 800				\$ 800
CON	RTP-LRP						\$ 65,000	\$ 65,000
Total Programmed Funding:			\$ 8,000	\$ 800			\$ 65,000	\$ 74,800

TIP ID: **SM-090014** County: San Mateo System: State Highway RTP ID: 22282 CTIPS ID: 20600004322  
 Sponsor: San Mateo CCAG Implementing Agency: San Mateo County Transportation  
 Project Name: Improve US 101 operations near Rte 92  
 Description: City of San Mateo: On US 101; Operational improvements near Route 92  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: Post Mile To: Toll Credits: \$ 276,542

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP					\$ 2,411		\$ 2,411
PE	SALESTAX-MEASURE	\$ 500						\$ 500
PSE	RIP						\$ 3,217	\$ 3,217
CON	RIP						\$ 18,211	\$ 18,211
Total Programmed Funding:						\$ 2,411	\$ 21,428	\$ 24,339

TIP ID: **SM-110003** County: San Mateo System: State Highway RTP ID: 22279 CTIPS ID: 20600004708  
 Sponsor: South San Francisco Implementing Agency: South San Francisco  
 Project Name: US 101/Produce Avenue Interchange  
 Description: South San Francisco: On US Highway 101 from Utah Avenue on the east side to the vicinity of Produce Avenue on the west side; Construct a local interchange  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	SALESTAX-MEASURE	\$ 3,050						\$ 3,050
PE	OTHER LOCAL	\$ 1,040						\$ 1,040
PE	SALESTAX-MEASURE	\$ 500						\$ 500
CON	OTHER LOCAL				\$ 2,000			\$ 2,000
CON	RTP-LRP						\$ 123,500	\$ 123,500
Total Programmed Funding:					\$ 2,000		\$ 123,500	\$ 130,090

TIP ID: **SM-150017** County: San Mateo System: State Highway RTP ID: 240060 CTIPS ID: 20600006053  
 Sponsor: San Mateo CCAG Implementing Agency: Caltrans  
 Project Name: US 101 HOV/ HOT from Santa Clara to I-380  
 Description: In San Mateo County: On US 101 between the Santa Clara County Line (P.M. 20.6 in SCL) and I-380: Install an HOV or Express Lane. Project also references RTP ID 240466.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 0 Post Mile To: 20.8 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP						\$ 3,000	\$ 3,000
ENV	SALESTAX-MEASURE		\$ 8,500					\$ 8,500
PSE	RIP						\$ 6,399	\$ 6,399
PSE	RTP-LRP						\$ 21,000	\$ 21,000
CON	RTP-LRP						\$ 129,000	\$ 129,000
Total Programmed Funding:			\$ 8,500				\$ 159,399	\$ 167,899

End of section



Roadway Projects  
**San Mateo County**  
 Local Road Projects

TIP ID: **SM-150004** County: San Mateo System: Local Road RTP ID: 21011 CTIPS ID: 20600005874  
 Sponsor: Belmont Implementing Agency: Belmont  
 Project Name: Belmont Village Specific/Implementation Plan  
 Description: Belmont: Belmont Village PDA: Development of an Implementation Plan  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 82 Post Mile From: 7.372 Post Mile To: 7.862 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 110						\$ 110
PE	STP	\$ 440						\$ 440
Total Programmed Funding:								\$ 550

TIP ID: **SM-130021** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005576  
 Sponsor: Burlingame Implementing Agency: Burlingame  
 Project Name: Carolan Ave Complete Streets and Road Diet  
 Description: Burlingame: Carolan Ave between Broadway and Oak Grove Ave: Implement road diet by converting a 4-lane roadway into a 2-lane roadway with a center turn lane, Class II bike lanes, and intersection bulb-outs.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 113,094

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 174						\$ 174
CON	CMAQ		\$ 986					\$ 986
Total Programmed Funding:								\$ 1,160

TIP ID: **SM-130023** County: San Mateo System: Local Road RTP ID: 22274 CTIPS ID: 20600005703  
 Sponsor: Menlo Park Implementing Agency: Menlo Park  
 Project Name: Menlo Park - Willow Rd Traffic Signal Modification  
 Description: In Menlo Park: On Willow Road between Middlefield Road and Hamilton Avenue, modification of 9 traffic signals.  
 Air Quality Exempt Code: 5.07 - EXEMPT (40 CFR 93.128) - Traffic signal synchronization projects  
 Route: 114 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 25						\$ 25
CON	EARMARK	\$ 216						\$ 216
CON	OTHER LOCAL	\$ 60						\$ 60
Total Programmed Funding:								\$ 301

TIP ID: **SM-170002** County: San Mateo System: Local Road RTP ID: 22425 CTIPS ID: 20600006088  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: San Mateo CCAG  
 Project Name: Regional Planning Activities and PPM - San Mateo  
 Description: San Mateo: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP		\$ 462	\$ 338	\$ 338			\$ 1,138
PE	OTHER LOCAL			\$ 495				\$ 495
PE	STP			\$ 3,822				\$ 3,822
Total Programmed Funding:								\$ 5,455

TIP ID: **SM-130009** County: San Mateo System: Local Road RTP ID: 230697 CTIPS ID: 20600005570  
 Sponsor: Millbrae Implementing Agency: Millbrae  
 Project Name: Millbrae Various Streets and Roads Preservation  
 Description: Millbrae: Various Locations: Rehabilitate and replace pavement and miscellaneous concrete improvements including installing wheel chair curb ramps.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 51,042

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 60						\$ 60
CON	STP	\$ 445						\$ 445
Total Programmed Funding:								\$ 505



Roadway Projects  
**San Mateo County**  
 Local Road Projects

TIP ID: **SM-150001** County: San Mateo System: Local Road RTP ID: 21011 CTIPS ID: 20600005862  
 Sponsor: Millbrae Implementing Agency: Millbrae  
 Project Name: Millbrae Priority Development Area Specific Plan  
 Description: Millbrae: PDAs Citywide: Update the current Millbrae Transit Station Area PDA and expand PDA to also include El Camino Real Corridor.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 82 Post Mile From: 15.9 Post Mile To: 17.5 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 150					\$ 150
PE	STP		\$ 500					\$ 500
<b>Total Programmed Funding:</b>								<b>\$ 650</b>

TIP ID: **SM-130016** County: San Mateo System: Local Road RTP ID: 240086 CTIPS ID: 20600005653  
 Sponsor: Pacifica Implementing Agency: Pacifica  
 Project Name: Palmetto Avenue Streetscape  
 Description: In Pacifica: Palmetto Avenue from Bella Vista Avenue to Clarendon Road: Pavement rehabilitation and pedestrian sidewalk improvements.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 120					\$ 120
CON	CMAQ		\$ 1,000					\$ 1,000
CON	OTHER LOCAL		\$ 1,330					\$ 1,330
<b>Total Programmed Funding:</b>								<b>\$ 2,450</b>

TIP ID: **SM-090007** County: San Mateo System: Local Road RTP ID: 230428 CTIPS ID: 20600004320  
 Sponsor: Redwood City Implementing Agency: Redwood City  
 Project Name: Blomquist Street Extension  
 Description: In Redwood City: On Blomquist Street; extend from Seaport Blvd to Bair Island Road. Project may be phased.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 100					\$ 100
CON	OTHER LOCAL					\$ 1,500		\$ 1,500
CON	RTP-LRP						\$ 16,000	\$ 16,000
<b>Total Programmed Funding:</b>								<b>\$ 17,600</b>

TIP ID: **SM-130002** County: San Mateo System: Local Road RTP ID: 230697 CTIPS ID: 20600005563  
 Sponsor: Redwood City Implementing Agency: Redwood City  
 Project Name: Redwood City Various Streets Overlay  
 Description: Redwood City: On Whipple Ave from Upland Rd to El Camino Real, Whipple Ave from US101 to Veterans Blvd, and Veterans Blvd from US101 to Whipple Ave: Rehabilitate the roadway, add new striping, and add new bike lanes  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 20					\$ 20
CON	OTHER LOCAL		\$ 80					\$ 80
CON	STP		\$ 548					\$ 548
<b>Total Programmed Funding:</b>								<b>\$ 648</b>

TIP ID: **SM-150003** County: San Mateo System: Local Road RTP ID: 21011 CTIPS ID: 20600005873  
 Sponsor: Redwood City Implementing Agency: Redwood City  
 Project Name: Redwood City Downtwn Transit Area Impvmts-Streetcar  
 Description: In Redwood City: Downtown: Planning study of Sequoia Station and streetcar feasibility  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 100					\$ 100
PE	STP		\$ 450					\$ 450
<b>Total Programmed Funding:</b>								<b>\$ 550</b>





Roadway Projects  
**San Mateo County**  
 Local Road Projects

TIP ID: **SM-130004** County: San Mateo System: Local Road RTP ID: 230697 CTIPS ID: 20600005568  
 Sponsor: San Mateo (City) Implementing Agency: San Mateo (City)  
 Project Name: Mount Diablo Ave. Rehabilitation  
 Description: In the City of San Mateo: Monte Diablo Avenue from N Quebec St to N Kingston St.: Rehabilitation of local streets and roads and addition of ADA compliant curb ramps, bicycle improvements and pedestrian improvements.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 15						\$ 15
CON	OTHER LOCAL	\$ 40						\$ 40
CON	STP	\$ 270						\$ 270
Total Programmed Funding:								\$ 325

TIP ID: **SM-150006** County: San Mateo System: Local Road RTP ID: 230550 CTIPS ID: 20600005943  
 Sponsor: San Mateo (City) Implementing Agency: San Mateo (City)  
 Project Name: City of San Mateo Car Sharing Program  
 Description: City of San Mateo: Citywide: Expansion of car sharing services in the City of San Mateo  
 Air Quality Exempt Code: 3.01 - EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	CMAQ	\$ 210						\$ 210
CON	OTHER LOCAL	\$ 55						\$ 55
Total Programmed Funding:								\$ 265

TIP ID: **SM-150016** County: San Mateo System: Local Road RTP ID: 230550 CTIPS ID: 20600006044  
 Sponsor: San Mateo (City) Implementing Agency: San Mateo (City)  
 Project Name: San Mateo Downtown Parking Tech Implementation  
 Description: In San Mateo: Various Locations Downtown: Replace existing parking meters, and pay stations and install parking availability signs at City facilities.  
 Air Quality Exempt Code: 4.11 - EXEMPT (40 CFR 93.126) - Directional and informational signs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	CMAQ	\$ 115						\$ 115
PE	OTHER LOCAL	\$ 35						\$ 35
CON	CMAQ			\$ 1,385				\$ 1,385
CON	OTHER LOCAL			\$ 465				\$ 465
Total Programmed Funding:			\$ 150	\$ 1,850				\$ 2,000

TIP ID: **SM-070002** County: San Mateo System: Local Road RTP ID: 22274 CTIPS ID: 20600003924  
 Sponsor: San Mateo CCAG Implementing Agency: San Mateo CCAG  
 Project Name: San Mateo Countywide ITS Improvements  
 Description: San Mateo County: County-wide; ITS improvements at various locations in San Mateo County.  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP			\$ 300				\$ 300
PSE	RIP			\$ 500				\$ 500
CON	RIP				\$ 3,498			\$ 3,498
Total Programmed Funding:				\$ 800	\$ 3,498			\$ 4,298



Roadway Projects  
**San Mateo County**  
 Local Road Projects

TIP ID: **SM-110067** County: San Mateo System: Local Road RTP ID: 21011 CTIPS ID: 20600005516  
 Sponsor: San Mateo CCAG Implementing Agency: San Mateo CCAG  
 Project Name: Local PDA Planning - San Mateo  
 Description: San Mateo County Various Agencies: Planning assistance to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs), focused on parking policy technical assistance  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 40						\$ 40
PE	STP	\$ 302						\$ 302
<b>Total Programmed Funding:</b>								<b>\$ 342</b>

End of section



Roadway Projects  
**San Mateo County**  
 Bike/Pedestrian Projects

TIP ID: **SM-050051** County: San Mateo System: State Highway RTP ID: 240590 CTIPS ID: 20600003920  
 Sponsor: San Mateo County Transit District (SAMTRANS) Implementing Agency: San Mateo County Transit District  
 Project Name: SR 82 - El Camino Real Grand Boulevard Initiative  
 Description: El Camino Real Corridor: Ped. & transit facility enhancements, streetscape improvements including medians, wider sidewalks, bike routes & improved linkages to transit hubs & downtown.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: 82 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 478						\$ 478
PE	OTHER LOCAL	\$ 75						\$ 75
PE	SALESTAX-MEASURE	\$ 145						\$ 145
PSE	SALESTAX-MEASURE	\$ 140						\$ 140
PSE	TCSP	\$ 365						\$ 365
CON	EARMARK	\$ 2,260						\$ 2,260
CON	OTHER LOCAL	\$ 514						\$ 514
CON	SALESTAX-MEASURE	\$ 522						\$ 522
Total Programmed Funding:								\$ 4,499

TIP ID: **SM-130012** County: San Mateo System: State Highway RTP ID: 240086 CTIPS ID: 20600005650  
 Sponsor: San Carlos Implementing Agency: San Carlos  
 Project Name: San Carlos Streetscape and Ped Improvments  
 Description: San Carlos: Around the intersection of El Camino Real and Arroyo Ave: Grand Boulevard Initiatives (GBI), implement bike/ped improvements and bus pad and add pedestrian activation to a mid-block signal  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 82 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 125						\$ 125
PE	OTHER LOCAL	\$ 16						\$ 16
CON	CMAQ	\$ 875						\$ 875
CON	OTHER LOCAL	\$ 134						\$ 134
Total Programmed Funding:								\$ 1,150

TIP ID: **SM-130013** County: San Mateo System: State Highway RTP ID: 240086 CTIPS ID: 20600005584  
 Sponsor: South San Francisco Implementing Agency: South San Francisco  
 Project Name: SSF Grand Blvd Project: Chestnut to Arroyo  
 Description: South San Francisco: El Camino Real between Chestnut Ave/Westborough Blvd to Arroyo Ave: Design and construct improved pedestrian crossings with corner bulbouts, median refuges, expanded bus stop areas and new landscaped medians.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 82 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 150						\$ 150
PE	OTHER LOCAL	\$ 20						\$ 20
CON	CMAQ		\$ 850					\$ 850
CON	OTHER LOCAL		\$ 111					\$ 111
Total Programmed Funding:								\$ 1,131

TIP ID: **SM-130017** County: San Mateo System: Local Road RTP ID: 240086 CTIPS ID: 20600005586  
 Sponsor: Belmont Implementing Agency: Belmont  
 Project Name: Ralston Avenue Pedestrian Route Improvements  
 Description: Belmont: Ralston Ave. between South Rd. and Chula Vista Ave. (near Notre Dame de Namur University): Install pedestrian improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 30						\$ 30
CON	CMAQ	\$ 250						\$ 250
CON	OTHER LOCAL	\$ 40						\$ 40
Total Programmed Funding:								\$ 320



Roadway Projects  
**San Mateo County**  
 Bike/Pedestrian Projects

TIP ID: **SM-130018** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005621  
 Sponsor: Belmont Implementing Agency: Belmont  
 Project Name: Old County Road Bicycle/Pedestrian Improvements  
 Description: Belmont: Old County Road from Ralston Ave to the Belmont/San Carlos City Limits: Implement bike and pedestrian route improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 15						\$ 15
CON	CMAQ	\$ 270						\$ 270
CON	OTHER LOCAL	\$ 65						\$ 65
Total Programmed Funding:								\$ 350

TIP ID: **SM-130011** County: San Mateo System: Local Road RTP ID: 240086 CTIPS ID: 20600005619  
 Sponsor: Daly City Implementing Agency: Daly City  
 Project Name: John Daly Boulevard Bicycle /Ped Improvements  
 Description: Daly City: On John Daly Blvd between Top of the Hill - Mission Street transit hub and the Daly City BART Station at Delong Street and Los Banos Ave: Implement bike/ped improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 114,700

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 250						\$ 250
CON	CMAQ	\$ 1,290						\$ 1,290
Total Programmed Funding:								\$ 1,540

TIP ID: **SM-150012** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600006025  
 Sponsor: Daly City Implementing Agency: Daly City  
 Project Name: Daly City Central Corridor Bike/Ped Safety Imprmtnt  
 Description: In Daly City: On Junipero Serra Blvd and Eastmoor Ave/San Pedro Rd/E Market St/Guad Cyn Pkwy: Install bike and ped improvements; In Daly City/Uninc San Mateo County: On west side of Mission St/El Camino Real (State Route 82): install new sidewalk  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 82 Post Mile From: 023.78 Post Mile To: 023.509 Toll Credits: \$ 231,579

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	ATP-ST		\$ 300					\$ 300
CON	ATP-ST				\$ 1,719			\$ 1,719
CON	OTHER LOCAL				\$ 103			\$ 103
CON	TDA				\$ 154			\$ 154
Total Programmed Funding:								\$ 2,276

TIP ID: **SM-070004** County: San Mateo System: Local Road RTP ID: 240086 CTIPS ID: 20600003926  
 Sponsor: East Palo Alto Implementing Agency: East Palo Alto  
 Project Name: Bay Rd Bicycle/Ped Improvements Phase II & III  
 Description: E. Palo Alto: On Bay Rd btw Clarke/Illinois & Tara Rd (Ph II) & btw Tara Rd & Bay Trail (Ph. III);Improvements including resurface, streetscape, bike lanes, & other improvements.HPP #706 (remainder programmed in SM050019)  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	EARMARK	\$ 111						\$ 111
ENV	PROPERTY TAX	\$ 22						\$ 22
PE	EARMARK	\$ 953						\$ 953
PE	PROPERTY TAX	\$ 191						\$ 191
PSE	EARMARK		\$ 770					\$ 770
PSE	PROPERTY TAX		\$ 192					\$ 192
ROW	EARMARK		\$ 77					\$ 77
ROW	PROPERTY TAX		\$ 19					\$ 19
CON	CMAQ		\$ 1,000					\$ 1,000
CON	EARMARK		\$ 7,592					\$ 7,592
CON	OTHER LOCAL		\$ 1,698					\$ 1,698
CON	PROPERTY TAX		\$ 330					\$ 330
Total Programmed Funding:								\$ 12,956



Roadway Projects  
**San Mateo County**  
 Bike/Pedestrian Projects

TIP ID: **SM-070006** County: San Mateo System: Local Road RTP ID: 21607 CTIPS ID: 20600003928  
 Sponsor: East Palo Alto Implementing Agency: East Palo Alto  
 Project Name: US 101 University Ave Interchange Improvements  
 Description: E. Palo Alto: On University Ave across US 101 btw Woodland Ave and Donahoe St; Construct Bike Lane, modify NB and SB off-ramps and intersections with overcrossing with no new lanes for off-ramps. HPP #3769. Also references RTP ID 230430  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	EARMARK	\$ 60						\$ 60
PE	EARMARK	\$ 60						\$ 60
PE	OTHER LOCAL	\$ 16						\$ 16
PSE	EARMARK	\$ 640						\$ 640
PSE	OTHER LOCAL	\$ 174						\$ 174
CON	EARMARK		\$ 1,127					\$ 1,127
CON	SALESTAX-MEASURE		\$ 4,930					\$ 4,930
Total Programmed Funding:			\$ 6,057					\$ 7,007

TIP ID: **SM-130028** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005813  
 Sponsor: East Palo Alto Implementing Agency: East Palo Alto  
 Project Name: US-101 Pedestrian/Bicycle Overcrossing  
 Description: East Palo Alto: Between Clarke Avenue and Newell Road: Install a Pedestrian/Bicycle Overcrossing of US-101 to connect the west-side with the east-side of East Palo Alto for safe pedestrian/bicycle access.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 101 Post Mile From: Post Mile To: Toll Credits: \$ 986,420

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 50						\$ 50
ENV	SALESTAX-MEASURE	\$ 50						\$ 50
PE	OTHER LOCAL	\$ 50						\$ 50
PE	SALESTAX-MEASURE	\$ 100						\$ 100
PSE	OTHER LOCAL	\$ 200						\$ 200
PSE	SALESTAX-MEASURE	\$ 150						\$ 150
CON	ATP-ST		\$ 8,600					\$ 8,600
Total Programmed Funding:			\$ 8,600					\$ 9,200

TIP ID: **SM-130008** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005631  
 Sponsor: Menlo Park Implementing Agency: Menlo Park  
 Project Name: Menlo Park-Variou Streets Bike /Ped Improvements  
 Description: Menlo Park: Various locations: Implement bicycle and pedestrian safety improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 82 Post Mile From: 0.00 Post Mile To: 1.35 Toll Credits: \$ 91,416

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 103						\$ 103
CON	CMAQ	\$ 499						\$ 499
Total Programmed Funding:								\$ 602

TIP ID: **SM-050053** County: San Mateo System: Local Road RTP ID: 240143 CTIPS ID: 20600003922  
 Sponsor: Millbrae Implementing Agency: Millbrae  
 Project Name: US 101 Millbrae Ave Bike/Ped Bridge  
 Description: Millbrae: Across US 101 north of and adjacent to the existing Millbrae Avenue bridge; Construct a new 10-ft wide Class 1 mixed-use bike/ped overcrossing.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 101 Post Mile From: 17.9 Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK		\$ 912					\$ 912
PE	OTHER LOCAL		\$ 150					\$ 150
CON	RTP-LRP						\$ 2,000	\$ 2,000
Total Programmed Funding:			\$ 1,062				\$ 2,000	\$ 3,062



Roadway Projects  
**San Mateo County**  
 Bike/Pedestrian Projects

TIP ID: **SM-170004** County: San Mateo System: Local Road RTP ID: 240067 CTIPS ID: 20600006098  
 Sponsor: Pacifica Implementing Agency: Pacifica  
 Project Name: Manor Drive Overcrossing and Milagra On Ramp  
 Description: In Pacifica: Hwy 1 and Manor Drive I/C: Widen the existing overcrossing; Hwy 1 and Milagra: Construct a new on-ramp; Both intersections: install signals  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 1 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL		\$ 1,000					\$ 1,000
CON	RTP-LRP						\$ 16,000	\$ 16,000
Total Programmed Funding:			\$ 1,000				\$ 16,000	\$ 17,000

TIP ID: **SM-110065** County: San Mateo System: Local Road RTP ID: 22423 CTIPS ID: 20600005490  
 Sponsor: Redwood City Implementing Agency: Redwood City  
 Project Name: Middlefield Rd and Woodside Rd Intersection Improv  
 Description: In Redwood City: At the intersection of Middlefield Rd and Woodside Rd; modify intersection to provide pedestrian facilities.  
 Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 85						\$ 85
CON	CMAQ		\$ 340					\$ 340
CON	OTHER LOCAL		\$ 85					\$ 85
Total Programmed Funding:			\$ 425					\$ 510

TIP ID: **SM-130022** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005611  
 Sponsor: Redwood City Implementing Agency: Redwood City  
 Project Name: Middlefield Road Bicycle / Ped Improvements  
 Description: In Redwood City: on Middlefield Road between Main Street and MacArthur Avenue; Modify roadway and utilities as needed to widen sidewalks and improve bike and pedestrian amenities. No vehicle travel lanes will be removed as part of this project.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 540						\$ 540
CON	CMAQ		\$ 1,752					\$ 1,752
CON	OTHER LOCAL		\$ 4,358					\$ 4,358
Total Programmed Funding:			\$ 6,110					\$ 6,650

TIP ID: **SM-110012** County: San Mateo System: Local Road RTP ID: 240086 CTIPS ID: 20600004987  
 Sponsor: San Bruno Implementing Agency: San Bruno  
 Project Name: San Bruno Transit Corridor Pedestrian Imps  
 Description: San Bruno: El Camino Real from San Bruno Avenue to Sneath Lane, San Bruno Avenue from El Camino Real to Huntington Avenue and Huntington Avenue from San Bruno Avenue to Sneath Lane. Streetscape improvements. Project is phased  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 30,396

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 82						\$ 82
CON	CMAQ	\$ 386						\$ 386
CON	OTHER LOCAL	\$ 35						\$ 35
Total Programmed Funding:								\$ 502



Roadway Projects  
**San Mateo County**  
 Bike/Pedestrian Projects

TIP ID: **SM-130019** County: San Mateo System: Local Road RTP ID: 240086 CTIPS ID: 20600005662  
 Sponsor: San Bruno Implementing Agency: San Bruno  
 Project Name: San Bruno Ave Street Medians Improvements  
 Description: San Bruno: San Bruno Ave from Elm Ave to I-280: Implement pedestrian improvement including curb ramps, speed radar display signs, demolish existing landscape and replace and replace existing spray irrigation system with a new drip system  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 30						\$ 30
CON	CMAQ		\$ 735					\$ 735
CON	OTHER LOCAL		\$ 95					\$ 95
Total Programmed Funding:			\$ 830					\$ 860

TIP ID: **SM-150009** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005972  
 Sponsor: San Carlos Implementing Agency: San Carlos  
 Project Name: US 101 Holly Pedestrian/Bicycle Overcrossing  
 Description: San Carlos: At the US-101/Holly St Interchange: Construct a grade-separated multipurpose path that will connect pedestrian and bicyclist on the west side of Highway 101 to the east side of Highway 101  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 300						\$ 300
PSE	OTHER LOCAL	\$ 300						\$ 300
PSE	TDA	\$ 400						\$ 400
CON	OTHER LOCAL		\$ 200					\$ 200
CON	RTP-LRP						\$ 4,900	\$ 4,900
CON	SALESTAX-MEASURE		\$ 1,000					\$ 1,000
CON-CE	OTHER LOCAL		\$ 350					\$ 350
Total Programmed Funding:			\$ 1,550				\$ 4,900	\$ 7,450

TIP ID: **SM-110064** County: San Mateo System: Local Road RTP ID: 22423 CTIPS ID: 20600005441  
 Sponsor: San Mateo (City) Implementing Agency: San Mateo (City)  
 Project Name: North Central Pedestrian Improvement Program  
 Description: North Central San Mateo: Various locations south of Cypress Avenue: pedestrian infrastructure improvements including new curb ramps, crosswalks, curb extensions, lighting, and advanced stop bars  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 117						\$ 117
PE	OTHER LOCAL	\$ 29						\$ 29
CON	CMAQ	\$ 1,223						\$ 1,223
CON	OTHER LOCAL	\$ 185						\$ 185
Total Programmed Funding:								\$ 1,554

TIP ID: **SM-130020** County: San Mateo System: Local Road RTP ID: 21624 CTIPS ID: 20600005618  
 Sponsor: San Mateo (City) Implementing Agency: San Mateo (City)  
 Project Name: San Mateo Citywide Crosswalk Improvements  
 Description: City of San Mateo: Various locations citywide: Install new high visibility crosswalks or upgrade existing crosswalks  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 42,210

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 65						\$ 65
CON	CMAQ		\$ 368					\$ 368
Total Programmed Funding:			\$ 368					\$ 433



Roadway Projects  
**San Mateo County**  
 Bike/Pedestrian Projects

TIP ID: **SM-150002** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005866  
 Sponsor: San Mateo (City) Implementing Agency: San Mateo (City)  
 Project Name: City of San Mateo SR2S Program  
 Description: City of San Mateo: Within a 0.1 to 0.5 mile radius around each of the 15 elementary and middle schools in the City: Develop and Implement a Safe Routes to School Program  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 197,284

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	ATP-REG	\$ 405						\$ 405
CON	ATP-REG	\$ 2,110						\$ 2,110
<b>Total Programmed Funding:</b>								<b>\$ 2,515</b>

TIP ID: **SM-110022** County: San Mateo System: Local Road RTP ID: 230550 CTIPS ID: 20600004986  
 Sponsor: San Mateo CCAG Implementing Agency: San Mateo CCAG  
 Project Name: San Mateo County SR2S Program  
 Description: San Mateo County: Countywide: Provide modularized safe routes to school programs and projects that focuses on education, encouragement, evaluation and enforcement components to all interested schools.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	CMAQ	\$ 3,064						\$ 3,064
CON	OTHER LOCAL	\$ 1,306						\$ 1,306
CON	STP	\$ 522						\$ 522
<b>Total Programmed Funding:</b>								<b>\$ 4,892</b>

TIP ID: **SM-130015** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005699  
 Sponsor: San Mateo County Implementing Agency: San Mateo County  
 Project Name: Semicircular Rd Bicycle / Ped Access Improvements  
 Description: San Mateo County: On Semicircular Road between Middlefield Road and 5th Avenue; Replace existing sidewalk with ADA compliant sidewalk and install sharrows and school crossing signs; four nearby intersections: install signal loop detectors  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 82 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 42						\$ 42
CON	CMAQ	\$ 320						\$ 320
CON	OTHER LOCAL	\$ 41						\$ 41
<b>Total Programmed Funding:</b>								<b>\$ 403</b>

TIP ID: **SM-150013** County: San Mateo System: Local Road RTP ID: 240084 CTIPS ID: 20600006026  
 Sponsor: San Mateo County Implementing Agency: San Mateo County  
 Project Name: RWC 2020 Sustainable Transportation Encouragement  
 Description: San Mateo County: In and around Redwood City: Safe Routes to School walk and bike audits, encouragement and education programs and community-wide transportation mode share change evaluation. Toll credits will be used in lieu of match  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 110,800

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	ATP-ST		\$ 966					\$ 966
<b>Total Programmed Funding:</b>								<b>\$ 966</b>

TIP ID: **SM-150014** County: San Mateo System: Local Road RTP ID: 240084 CTIPS ID: 20600006039  
 Sponsor: San Mateo County Office of Education Implementing Agency: San Mateo County Office of Education  
 Project Name: Safe Routes to School for Health and Wellness  
 Description: San Mateo County: Countywide: Implement a non-infrastructure educational program to increase the number of children who bike and walk to school with a focus on long term sustainability. Other State funds are Office of Traffic Safety Ped/Bike Safety grant  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	ATP-ST		\$ 900					\$ 900
CON	OTHER LOCAL		\$ 25					\$ 25
CON	OTHER STATE		\$ 120					\$ 120
<b>Total Programmed Funding:</b>								<b>\$ 1,045</b>





Roadway Projects  
**San Mateo County**  
 Bike/Pedestrian Projects

TIP ID: **SM-130003** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600005566  
 Sponsor: South San Francisco Implementing Agency: South San Francisco  
 Project Name: SSF Citywide Sidewalk Gap Closure Project  
 Description: South San Francisco: Various Streets: closes gaps in the existing pedestrian infrastructure  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 82 Post Mile From: Post Mile To: Toll Credits: \$ 40,948

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 47						\$ 47
CON	CMAQ			\$ 357				\$ 357
Total Programmed Funding:				\$ 357				\$ 404

TIP ID: **SM-150015** County: San Mateo System: Local Road RTP ID: 230430 CTIPS ID: 20600006040  
 Sponsor: South San Francisco Implementing Agency: South San Francisco  
 Project Name: SSF Linden/Spruce Ave Traffic Calming Improvements  
 Description: In South San Francisco: On Linden Avenue from California Ave to Miller Avenue and on Spruce Ave from Maple Ave to Lux Ave: install pedestrian/bicycling safety improvements including a class 3 bikeway.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	OTHER LOCAL	\$ 45						\$ 45
PSE	ATP-ST		\$ 155					\$ 155
PSE	OTHER LOCAL		\$ 125					\$ 125
CON	ATP-ST				\$ 713			\$ 713
Total Programmed Funding:			\$ 280		\$ 713			\$ 1,038

End of section



The page left Intentionally blank

# Santa Clara County



Roadway Projects  
**Santa Clara County**  
 State Highway Projects

TIP ID: **SCL090030** County: Santa Clara System: State Highway RTP ID: 240439 CTIPS ID: 20600004296  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: SR 85 Express Lanes  
 Description: In Santa Clara County: Implement roadway pricing on SR 85 carpool lane from US 101 in San Jose to US 101 in Mountain View.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 85 Post Mile From: 0 Post Mile To: 24.059 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 1,500						\$ 1,500
PE	OTHER LOCAL	\$ 9,300			\$ 15,200			\$ 24,500
PE	ST-STP	\$ 3,300						\$ 3,300
ROW	RTP-LRP						\$ 1,000	\$ 1,000
CON	RTP-LRP						\$ 145,700	\$ 145,700
Total Programmed Funding:					\$ 15,200		\$ 146,700	\$ 176,000

TIP ID: **SCL030006** County: Santa Clara System: State Highway RTP ID: 21785 CTIPS ID: 20600002351  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: US 101 / Blossom Hill I/C Reconst & Road Widening  
 Description: San Jose: US-101/Blossom Hill Rd interchange; widen Blossom Hill Road and reconstruct interchange to provide an additional lane in each direction, including the bridge structure over US-101 plus other improvements.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 28.4 Post Mile To: 29.4 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 250						\$ 250
PSE	OTHER LOCAL		\$ 1,458					\$ 1,458
ROW	OTHER LOCAL			\$ 125				\$ 125
CON	RTP-LRP						\$ 13,167	\$ 13,167
Total Programmed Funding:			\$ 1,458	\$ 125			\$ 13,167	\$ 15,000

TIP ID: **SCL070004** County: Santa Clara System: State Highway RTP ID: 22965 CTIPS ID: 20600003871  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: US 101 / Mabury New Interchange  
 Description: In San Jose: US 101/Mabury interchange; Construct full interchange.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 36.9 Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 500						\$ 500
ROW	OTHER LOCAL	\$ 1,000						\$ 1,000
CON	RTP-LRP						\$ 19,250	\$ 19,250
Total Programmed Funding:							\$ 19,250	\$ 20,750

TIP ID: **SCL110002** County: Santa Clara System: State Highway RTP ID: 240466 CTIPS ID: 20600004760  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: Santa Clara County - US 101 Express Lanes  
 Description: In Santa Clara County: From Dunne Avenue in Morgan Hill to San Mateo County line in Palo Alto: Implement roadway pricing on US 101 carpool lane  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 52.550 Post Mile To: 16.006 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 8,500						\$ 8,500
PSE	OTHER LOCAL	\$ 4,500			\$ 2,000			\$ 6,500
PSE	RTP-LRP						\$ 40,100	\$ 40,100
ROW	RTP-LRP						\$ 6,100	\$ 6,100
CON	RTP-LRP						\$ 369,800	\$ 369,800
Total Programmed Funding:					\$ 2,000		\$ 416,000	\$ 431,000



Roadway Projects  
**Santa Clara County**  
 State Highway Projects

TIP ID: **SCL130041** County: Santa Clara System: State Highway RTP ID: 240509 CTIPS ID: 20600005717  
 Sponsor: Palo Alto Implementing Agency: Palo Alto  
 Project Name: Adobe Creek/ Highway 101 Bicycle Pedestrian Bridge  
 Description: Palo Alto: Where US 101 crosses Adobe Creek: Construct Bike/Ped Bridge. Project is phased  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 101 Post Mile From: Post Mile To: Toll Credits: \$ 498,945

		All funding in thousands of dollars						
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 1,500						\$ 1,500
CON	OTHER LOCAL		\$ 4,000					\$ 4,000
CON	RIP						\$ 4,350	\$ 4,350
CON	RTP-LRP						\$ 3,150	\$ 3,150
Total Programmed Funding:			\$ 4,000				\$ 7,500	\$ 13,000

TIP ID: **SCL090016** County: Santa Clara System: State Highway RTP ID: 230294 CTIPS ID: 20600004270  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: New SR152 Alignment Study  
 Description: Santa Clara/ San Benito counties: Complete PA&ED for new alignment of SR152 between US101 and SR156 in Santa Clara and San Benito counties.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 152 Post Mile From: Post Mile To: Toll Credits:

		All funding in thousands of dollars						
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	IIP	\$ 5,000						\$ 5,000
PE	OTHER LOCAL	\$ 5,000						\$ 5,000
Total Programmed Funding:								\$ 10,000

TIP ID: **SCL110008** County: Santa Clara System: State Highway RTP ID: 240463 CTIPS ID: 20600004613  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: SR 237 Express Lanes: Zanker Rd to Mathilda Ave  
 Description: In Santa Clara County: Implement roadway pricing on SR 237 carpool lane.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 237 Post Mile From: 2.99 Post Mile To: 8.02 Toll Credits:

		All funding in thousands of dollars						
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 2,830						\$ 2,830
ENV	VPPP	\$ 1,600						\$ 1,600
PSE	OTHER LOCAL	\$ 7,473						\$ 7,473
CON	RTP-LRP						\$ 18,097	\$ 18,097
Total Programmed Funding:							\$ 18,097	\$ 30,000

TIP ID: **SCL130002** County: Santa Clara System: State Highway RTP ID: 240477 CTIPS ID: 20600005544  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: SR 237 Express Lanes : Mathilda Avenue to SR 85  
 Description: In Santa Clara County: Build new HOV/express lanes on SR 237 between Mathilda Avenue and SR 85.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 237 Post Mile From: Post Mile To: Toll Credits:

		All funding in thousands of dollars						
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL			\$ 2,000				\$ 2,000
ENV	RTP-LRP						\$ 3,200	\$ 3,200
PSE	OTHER LOCAL					\$ 2,000		\$ 2,000
PSE	RTP-LRP						\$ 13,300	\$ 13,300
ROW	OTHER LOCAL					\$ 1,200		\$ 1,200
ROW	RTP-LRP						\$ 2,300	\$ 2,300
CON	RTP-LRP						\$ 59,790	\$ 59,790
Total Programmed Funding:				\$ 2,000		\$ 3,200	\$ 78,590	\$ 83,790



Roadway Projects  
**Santa Clara County**  
 State Highway Projects

TIP ID: **SCL150014** County: Santa Clara System: State Highway RTP ID: 230419 CTIPS ID: 20600005942  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: I-280/Winchester Study  
 Description: In San Jose: I-280/Winchester Interchange: Conduct planning activities to identify and evaluate improvements in the vicinity of the I-280/Winchester Boulevard interchange.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 280 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 500						\$ 500
PE	STP	\$ 500						\$ 500
<b>Total Programmed Funding:</b>								<b>\$ 1,000</b>

TIP ID: **SCL150001** County: Santa Clara System: State Highway RTP ID: 21754 CTIPS ID: 20600005823  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: I-680 Soundwalls - Capitol Expwy to Mueller Ave  
 Description: San Jose: on I-680 corridor between Capitol Expressway and Mueller Avenue: Construct soundwalls  
 Air Quality Exempt Code: 4.06 - EXEMPT (40 CFR 93.126) - Noise attenuation  
 Route: 680 Post Mile From: Post Mile To: Toll Credits: \$ 511,105

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP	\$ 95						\$ 95
PSE	RIP			\$ 731				\$ 731
ROW	RIP				\$ 355			\$ 355
CON	RIP					\$ 3,275		\$ 3,275
<b>Total Programmed Funding:</b>								<b>\$ 4,456</b>

TIP ID: **SCL010019** County: Santa Clara System: State Highway RTP ID: 230201 CTIPS ID: 20600002181  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: I-880 Coleman Avenue I/C Reconfiguration  
 Description: In San Jose: I-880@Coleman; Reconst. Coleman Ave. bridge & realign, reconst. all ramps accessing I-880; add new direct connector ramp to SB I-880 from Airport & Newhall plus landscaping (Garvee SCL030012).  
 Air Quality Exempt Code: 5.04 - EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment  
 Route: 880 Post Mile From: 2.4 Post Mile To: 3.2 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	TCRP	\$ 2,000						\$ 2,000
PSE	OTHER LOCAL	\$ 5,000						\$ 5,000
PSE	TCRP	\$ 3,000						\$ 3,000
ROW	NHS-GARVEE	\$ 4,400						\$ 4,400
CON	EARMARK	\$ 1,528						\$ 1,528
CON	NHS-GARVEE	\$ 60,941						\$ 60,941
CON	OTHER LOCAL	\$ 1,175						\$ 1,175
<b>Total Programmed Funding:</b>								<b>\$ 78,044</b>

TIP ID: **SCL130044** County: Santa Clara System: State Highway RTP ID: 240745 CTIPS ID: 20600005825  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: I-880 Stevens Creek Landscaping  
 Description: In San Jose, at the I-880/Stevens Creek interchange provide landscaping.  
 Air Quality Exempt Code: 4.09 - EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc  
 Route: 880 Post Mile From: 0.0 Post Mile To: 0.1 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 696						\$ 696
PE	OTHER LOCAL	\$ 175						\$ 175
CON	OTHER LOCAL		\$ 3,000					\$ 3,000
<b>Total Programmed Funding:</b>								<b>\$ 3,871</b>

End of section



The page left Intentionally blank

Roadway Projects  
**Santa Clara County**  
 Local Road Projects

TIP ID: **SCL170001** County: Santa Clara System: Local Road RTP ID: 22425 CTIPS ID: 20600006089  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: Regional Planning Activities and PPM - Santa Clara  
 Description: Santa Clara: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP		\$ 1,053	\$ 784	\$ 783			\$ 2,620
PE	OTHER LOCAL			\$ 787				\$ 787
PE	STP			\$ 6,078				\$ 6,078
Total Programmed Funding:			\$ 1,053	\$ 7,649	\$ 783			\$ 9,485

TIP ID: **SCL130043** County: Santa Clara System: Local Road RTP ID: 240740 CTIPS ID: 20600005742  
 Sponsor: Morgan Hill Implementing Agency: Morgan Hill  
 Project Name: Monterey Road Preservation  
 Description: In Morgan Hill: On Monterey Road between East Dunne Avenue and East Middle Avenue; resurface roadway.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 153						\$ 153
CON	OTHER LOCAL		\$ 179					\$ 179
CON	STP		\$ 1,379					\$ 1,379
Total Programmed Funding:			\$ 1,558					\$ 1,711

TIP ID: **SCL050091** County: Santa Clara System: Local Road RTP ID: 230385 CTIPS ID: 20600003867  
 Sponsor: Palo Alto Implementing Agency: Palo Alto  
 Project Name: Palo Alto - Citywide Traffic Signal upgrade  
 Description: In Palo Alto: Replace the City's existing traffic signal central system and up to 35 traffic signal field controllers with associated communications gear.  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 45						\$ 45
CON	EARMARK		\$ 365					\$ 365
CON	OTHER LOCAL		\$ 93					\$ 93
Total Programmed Funding:			\$ 458					\$ 503

TIP ID: **SCL130034** County: Santa Clara System: Local Road RTP ID: 240747 CTIPS ID: 20600005693  
 Sponsor: Palo Alto Implementing Agency: Palo Alto  
 Project Name: Arastradero Road Schoolscape/Multiuse Trail  
 Description: In Palo Alto: Along the south side of Arastradero Road between the Hetch Hetchy Los Altos Pathway and Miranda Avenue: Reconstruct the sidewalk to a multi-use trail to support Safe Routes to School activities.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 196						\$ 196
CON	CMAQ			\$ 1,000				\$ 1,000
CON	OTHER LOCAL			\$ 306				\$ 306
Total Programmed Funding:				\$ 1,306				\$ 1,502





Roadway Projects  
**Santa Clara County**  
 Local Road Projects

TIP ID: **SCL090003** County: Santa Clara System: Local Road RTP ID: 230449 CTIPS ID: 20600004290  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: San Jose Charcot Avenue Extension Over I-880  
 Description: San Jose: Charcot Avenue Extension over I-880; Extend new 2-lane roadway with bike lanes and sidewalks providing new multi-modal connection to the North San Jose employment center.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 1,000						\$ 1,000
ROW	OTHER LOCAL	\$ 1,000						\$ 1,000
ROW	PRIVATE	\$ 200						\$ 200
CON	PRIVATE		\$ 1,000					\$ 1,000
CON	RTP-LRP						\$ 27,000	\$ 27,000
Total Programmed Funding:			\$ 1,000				\$ 27,000	\$ 30,200

TIP ID: **SCL090004** County: Santa Clara System: Local Road RTP ID: 230452 CTIPS ID: 20600004293  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: Downtown San Jose Bike Lanes and De-couplet  
 Description: In San Jose: Ph 1: Reduce lanes, add bike lanes and bike/ped accessibility improvements on Almaden Ave and Vine St. Ph 2: Convert one-way couplets to two-way streets; reduce lanes; add bike lanes on: 1) 10th/11th Sts, and 2) 2nd/3rd Sts Project is phased.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 1,500						\$ 1,500
PE	OTHER LOCAL	\$ 315						\$ 315
PE	RTP-LRP						\$ 3,000	\$ 3,000
ROW	PRIVATE			\$ 1,000				\$ 1,000
ROW	RTP-LRP						\$ 4,000	\$ 4,000
CON	RTP-LRP						\$ 13,000	\$ 13,000
Total Programmed Funding:				\$ 1,000			\$ 20,000	\$ 22,815

TIP ID: **SCL090005** County: Santa Clara System: Local Road RTP ID: 230201 CTIPS ID: 20600004297  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: Coleman Avenue Widening from I-880 to Taylor St.  
 Description: In San Jose: Coleman Ave from I880 to Taylor St: Widen from 4 to 6 lanes.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	PRIVATE	\$ 1,000						\$ 1,000
ROW	OTHER LOCAL			\$ 2,000				\$ 2,000
CON	RTP-LRP						\$ 10,000	\$ 10,000
Total Programmed Funding:			\$ 1,000	\$ 2,000			\$ 10,000	\$ 13,000

TIP ID: **SCL110006** County: Santa Clara System: Local Road RTP ID: 230200 CTIPS ID: 20600004607  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: San Jose - Autumn Street Extension  
 Description: In San Jose: Autumn St between Julian Street and San Carlos Street: Widen, partially realign, and extend Autumn Street to adequately accommodate projected traffic demand.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 974						\$ 974
PE	PRIVATE	\$ 326						\$ 326
PE	RTP-LRP						\$ 4,000	\$ 4,000
CON	PRIVATE	\$ 7,000						\$ 7,000
CON	RTP-LRP						\$ 5,000	\$ 5,000
Total Programmed Funding:							\$ 9,000	\$ 17,300



Roadway Projects  
**Santa Clara County**  
 Local Road Projects

TIP ID: **SCL130004** County: Santa Clara System: Local Road RTP ID: 240509 CTIPS ID: 20600005656  
 Sponsor: San Jose Implementing Agency: San Jose

Project Name: San Jose - Meridian Bike/Ped Improvements  
 Description: San Jose: Meridian between Auzerais and Douglas: Install new bicycle lanes and sidewalks; Meridian and Auzerais: Modify signal; Douglas and Meridian: Install new traffic signal; Both intersections: Install dedicated left turn signal movements for bicycles

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 375						\$ 375
CON	CMAQ			\$ 1,150				\$ 1,150
CON	OTHER LOCAL			\$ 149				\$ 149
Total Programmed Funding:				\$ 1,299				\$ 1,674

TIP ID: **SCL130006** County: Santa Clara System: Local Road RTP ID: 240747 CTIPS ID: 20600005624  
 Sponsor: San Jose Implementing Agency: San Jose

Project Name: San Jose Citywide SRTS Program  
 Description: San Jose: Near various schools: Implement bike/ped improvements such as traffic control and guide signs, enhanced crosswalks and other improvements that encourage bicycling and walking to school. Project is phased

Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 150						\$ 150
PE	OTHER LOCAL	\$ 24						\$ 24
CON	CMAQ		\$ 1,000					\$ 1,000
CON	OTHER LOCAL		\$ 133					\$ 133
Total Programmed Funding:			\$ 1,133					\$ 1,307

TIP ID: **SCL130011** County: Santa Clara System: Local Road RTP ID: 21011 CTIPS ID: 20600005637  
 Sponsor: San Jose Implementing Agency: San Jose

Project Name: St. Johns Bikeway and Pedestrian Improvements  
 Description: In San Jose: On St. John St from N. Montgomery St to N. First St and along N. Almaden Blvd between W. Julian St and Carlisle St: Improve bicycle and pedestrian facilities including gap filling and signal modification

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits: \$ 307,970

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 478						\$ 478
CON	CMAQ	\$ 1,185						\$ 1,185
CON	OTHER LOCAL	\$ 213						\$ 213
CON	RIP	\$ 1,500						\$ 1,500
Total Programmed Funding:								\$ 3,376

TIP ID: **SCL130016** County: Santa Clara System: Local Road RTP ID: 240509 CTIPS ID: 20600005583  
 Sponsor: San Jose Implementing Agency: San Jose

Project Name: East San Jose Bikeways  
 Description: East San Jose: Various locations: make improvements to the bikeway network including the installation of new bikeways, traffic calming features, public bike racks, bike-friendly signal detection and pavement markings.

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits: \$ 229,400

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 457						\$ 457
ROW	OTHER LOCAL	\$ 75						\$ 75
CON	CMAQ		\$ 2,000					\$ 2,000
Total Programmed Funding:			\$ 2,000					\$ 2,532



Roadway Projects  
**Santa Clara County**  
 Local Road Projects

TIP ID: **SCL150020** County: Santa Clara System: Local Road RTP ID: 240744 CTIPS ID: 20600006055  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: North 1st Street Urban Village Plan  
 Description: In the City of San Jose: North 1st Street Urban Village area: Create a land use plan, Implementation guidelines and policies.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL		\$ 87					\$ 87
PE	STP		\$ 370					\$ 370
Total Programmed Funding:			\$ 457					\$ 457

TIP ID: **SCL150021** County: Santa Clara System: Local Road RTP ID: 240744 CTIPS ID: 20600006056  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: Berryessa BART Urban Village Plan  
 Description: In San Jose: Around the Berryessa BART Station: Create new plans that will facilitate higher density uses and incentivize a mix of uses around the BART Station currently under construction.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL		\$ 78					\$ 78
PE	STP		\$ 332					\$ 332
Total Programmed Funding:			\$ 409					\$ 409

TIP ID: **SCL090002** County: Santa Clara System: Local Road RTP ID: 230210 CTIPS ID: 20600004287  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: San Tomas Expressway Box Culvert Rehabilitation  
 Description: In Santa Clara: Design, environmental clearance, and construction for rehabilitating the box culvert under San Tomas Expressway.  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	EARMARK	\$ 20						\$ 20
ENV	OTHER LOCAL	\$ 5						\$ 5
PE	EARMARK	\$ 470						\$ 470
PE	OTHER LOCAL	\$ 255						\$ 255
CON	OTHER LOCAL	\$ 1,109						\$ 1,109
CON	STP	\$ 8,557						\$ 8,557
Total Programmed Funding:								\$ 10,416

TIP ID: **SCL090017** County: Santa Clara System: Local Road RTP ID: 230273 CTIPS ID: 20600004292  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: Montague Expwy Widening - Trade Zone-I-680  
 Description: In Santa Clara County: Widen Montague Expressway between Trade Zone and I-680.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 680 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	PRIVATE	\$ 1,000						\$ 1,000
ROW	PRIVATE		\$ 1,000					\$ 1,000
CON	PRIVATE					\$ 2,000	\$ 7,000	\$ 9,000
CON	RTP-LRP						\$ 4,540	\$ 4,540
Total Programmed Funding:			\$ 1,000			\$ 2,000	\$ 11,540	\$ 15,540



Roadway Projects  
**Santa Clara County**  
 Local Road Projects

TIP ID: **SCL110007** County: Santa Clara System: Local Road RTP ID: 22186 CTIPS ID: 20600004609  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: San Tomas Expressway Widening  
 Description: In Santa Clara County: Widen San Tomas Expressway between El Camino Real and Williams Road including adding sidewalks. Project is phased.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	PRIVATE	\$ 1,100						\$ 1,100	
PE	RTP-LRP						\$ 7,640	\$ 7,640	
ROW	PRIVATE	\$ 1,700						\$ 1,700	
CON	OTHER LOCAL					\$ 2,000		\$ 2,000	
CON	RTP-LRP						\$ 43,660	\$ 43,660	
Total Programmed Funding:						\$ 2,000	\$ 51,300	\$ 56,100	

TIP ID: **SCL110108** County: Santa Clara System: Local Road RTP ID: 240748 CTIPS ID: 20600005239  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: Isabel Bridge Replacement (37C0089)  
 Description: In Santa Clara County: Isabel Bridge (Bridge No. 37C0089) on San Antonio Valley Road, 8.3 miles east of Kincaid Rd: Replace existing one lane bridge with a two-lane bridge  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 680,171

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	HBP	\$ 1,100						\$ 1,100	
ROW	HBP	\$ 30						\$ 30	
CON	HBP		\$ 4,800					\$ 4,800	
Total Programmed Funding:			\$ 4,800					\$ 5,930	

TIP ID: **SCL110125** County: Santa Clara System: Local Road RTP ID: 240744 CTIPS ID: 20600005514  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Metropolitan Transportation  
 Project Name: Local PDA Planning - Santa Clara  
 Description: Santa Clara County Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs).  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL	\$ 470	\$ 35	\$ 29				\$ 534	
PE	STP	\$ 3,628	\$ 267	\$ 228				\$ 4,122	
Total Programmed Funding:			\$ 302	\$ 257				\$ 4,657	

TIP ID: **SCL130001** County: Santa Clara System: Local Road RTP ID: 240443 CTIPS ID: 20600005524  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: SR 237/US 101/Mathilda Interchange Modifications  
 Description: In Sunnyvale: Modify US 101/Mathilda and SR 237/Mathilda interchanges to relieve congestion and improve local circulation.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								Future Years	Total Programmed
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20			
PE	OTHER LOCAL		\$ 2,000					\$ 2,000	
PE	RTP-LRP						\$ 7,000	\$ 7,000	
ROW	SALESTAX-MEASURE		\$ 2,000					\$ 2,000	
CON	RTP-LRP						\$ 29,000	\$ 29,000	
Total Programmed Funding:			\$ 4,000				\$ 36,000	\$ 40,000	



Roadway Projects  
**Santa Clara County**  
 Local Road Projects

TIP ID: **SCL130026** County: Santa Clara System: Local Road RTP ID: 21011 CTIPS ID: 20600005573  
 Sponsor: Saratoga Implementing Agency: Saratoga

Project Name: Prospect Rd Complete Streets

Description: Saratoga: Prospect Road between Saratoga/Sunnyvale Rd and Lawrence Expressway and on Saratoga Ave between Highway 85 to the City Limits to the north (Lawrence Expressway): Reduce roads width to calm traffic and install bike/ped enhancement.

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits: \$ 482,314

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 260						\$ 260
ROW	OTHER LOCAL	\$ 5						\$ 5
CON	CMAQ		\$ 4,205					\$ 4,205
CON	OTHER LOCAL		\$ 295					\$ 295
Total Programmed Funding:			\$ 4,500					\$ 4,765

TIP ID: **SCL130029** County: Santa Clara System: Local Road RTP ID: 240744 CTIPS ID: 20600005577  
 Sponsor: Sunnyvale Implementing Agency: Sunnyvale

Project Name: Fair Oaks Avenue Bikeway and Street Enhancements

Description: In Sunnyvale: Various Locations on Fair Oaks Avenue: Construct bike lanes and complete sidewalk enhancements and rehabilitation to improve pedestrian safety.

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 144						\$ 144
PE	OTHER LOCAL	\$ 30						\$ 30
CON	CMAQ			\$ 571				\$ 571
CON	OTHER LOCAL			\$ 224				\$ 224
CON	STP			\$ 241				\$ 241
Total Programmed Funding:				\$ 1,036				\$ 1,210

TIP ID: **SCL130030** County: Santa Clara System: Local Road RTP ID: 240744 CTIPS ID: 20600005697  
 Sponsor: Sunnyvale Implementing Agency: Sunnyvale

Project Name: Maude Avenue Bikeway and Streetscape

Description: Sunnyvale: On Maude Avenue between Mathilda Avenue and Fair Oaks Avenue: Install medians, modify roadway geometry and stripe bike lanes.

Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects

Route: Post Mile From: Post Mile To: Toll Credits: \$ 79,717

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 135						\$ 135
CON	CMAQ			\$ 695				\$ 695
Total Programmed Funding:				\$ 695				\$ 830

End of section



Roadway Projects  
**Santa Clara County**  
 Bike/Pedestrian Projects

TIP ID: **SCL130027** County: Santa Clara System: State Highway RTP ID: 240740 CTIPS ID: 20600005574  
 Sponsor: Saratoga Implementing Agency: Saratoga  
 Project Name: Saratoga Village Sidewalk Rehabilitation  
 Description: In Saratoga: Along Big Basin Way between 6th street and Hwy 9: Rehabilitate sidewalk.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 9 Post Mile From: 7.1 Post Mile To: 7.4 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 19						\$ 19
CON	OTHER LOCAL		\$ 21					\$ 21
CON	STP		\$ 162					\$ 162
Total Programmed Funding:			\$ 183					\$ 202

TIP ID: **SCL150017** County: Santa Clara System: State Highway RTP ID: 21011 CTIPS ID: 20600006030  
 Sponsor: Mountain View Implementing Agency: Mountain View  
 Project Name: Mountain View El Camino Real Streetscape Study  
 Description: In Mountain View: On El Camino Real within the City Limits; Develop detailed designs for sidewalks, crosswalks, lighting, landscaping, bicycle facilities and bus stops. Project will not lead directly to construction.  
 Air Quality Exempt Code: 4.01 - EXEMPT (40 CFR 93.126) - Planning and technical studies  
 Route: 82 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL		\$ 40					\$ 40
PE	STP		\$ 260					\$ 260
Total Programmed Funding:			\$ 300					\$ 300

TIP ID: **SCL110032** County: Santa Clara System: Local Road RTP ID: 240508 CTIPS ID: 20600004942  
 Sponsor: Gilroy Implementing Agency: Gilroy  
 Project Name: Gilroy New Ronan Channel and Lions Creek Trails  
 Description: In City of Gilroy: On Ronan channel levee from Sixth St to Leavesley Rd and Lions Creek levee from Kern to Tapestry Dr. build bicycle pedestrian trails.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	CMAQ	\$ 672						\$ 672
PE	OTHER LOCAL	\$ 88						\$ 88
CON	CMAQ	\$ 1,034						\$ 1,034
CON	OTHER LOCAL		\$ 135					\$ 135
Total Programmed Funding:			\$ 135					\$ 1,929

TIP ID: **SCL050082** County: Santa Clara System: Local Road RTP ID: 240508 CTIPS ID: 20600003861  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: Bay Trail Reach 9 & 9B  
 Description: In San Jose: Near Gold Street to the existing San Tomas Aquino Creek Trail; Design and construct 1.2 miles of commuter/transportation trail, pedestrian bridge, and underpasses with safety and enhancement improvements. HPP # 2084  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	EARMARK	\$ 545						\$ 545
PE	OTHER LOCAL	\$ 270						\$ 270
ROW	EARMARK			\$ 50				\$ 50
ROW	OTHER LOCAL			\$ 13				\$ 13
CON	EARMARK				\$ 80			\$ 80
CON	OTHER LOCAL				\$ 20			\$ 20
CON	RTP-LRP						\$ 7,560	\$ 7,560
Total Programmed Funding:				\$ 63	\$ 100		\$ 7,560	\$ 8,538



Roadway Projects  
**Santa Clara County**  
 Bike/Pedestrian Projects

TIP ID: **SCL110029** County: Santa Clara System: Local Road RTP ID: 240508 CTIPS ID: 20600004956  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: San Jose: Los Gatos Creek Reach 5 Underpass  
 Description: In San Jose: Los Gatos Creek Trail between Auzerais Ave and Montgomery/Bird Ave. Construct Los Gatos Creek Trail (Reach 5b/c).  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 1,200						\$ 1,200
PE	OTHER LOCAL	\$ 250						\$ 250
ROW	OTHER LOCAL	\$ 100						\$ 100
CON	OTHER LOCAL		\$ 1,000					\$ 1,000
CON	RTP-LRP						\$ 2,500	\$ 2,500
Total Programmed Funding:			\$ 1,000				\$ 2,500	\$ 5,050

TIP ID: **SCL130007** County: Santa Clara System: Local Road RTP ID: 21011 CTIPS ID: 20600005627  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: Jackson Ave Bicycle and Pedestrian Improvements  
 Description: In San Jose: Jackson Ave between McKee Rd and Alum Rock Ave: Construct pedestrian safety and transit access enhancements including two new traffic signals and the modification of one existing signal.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 525						\$ 525
PE	OTHER LOCAL	\$ 140						\$ 140
CON	CMAQ	\$ 975						\$ 975
CON	OTHER LOCAL	\$ 259						\$ 259
Total Programmed Funding:								\$ 1,899

TIP ID: **SCL130010** County: Santa Clara System: Local Road RTP ID: 21011 CTIPS ID: 20600005594  
 Sponsor: San Jose Implementing Agency: San Jose  
 Project Name: San Jose Pedestrian Oriented Traffic Signals  
 Description: In San Jose: At various key intersections: implement traffic signal controlled crossings. This project is phased.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 500						\$ 500
PE	OTHER LOCAL	\$ 133						\$ 133
CON	CMAQ	\$ 2,500						\$ 2,500
CON	OTHER LOCAL	\$ 452	\$ 213					\$ 665
Total Programmed Funding:			\$ 213					\$ 3,798

TIP ID: **SCL110121** County: Santa Clara System: Local Road RTP ID: 22423 CTIPS ID: 20600005494  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: East San Jose Pedestrian Improvements  
 Description: East San Jose: Various Roads: Fill in sidewalk gaps and provide ADA enhancements within existing rights-of-way  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 256						\$ 256
PE	OTHER LOCAL	\$ 64						\$ 64
CON	CMAQ	\$ 1,872						\$ 1,872
CON	OTHER LOCAL	\$ 468						\$ 468
CON	TDA	\$ 68						\$ 68
Total Programmed Funding:								\$ 2,728



Roadway Projects  
**Santa Clara County**  
 Bike/Pedestrian Projects

TIP ID: **SCL130022** County: Santa Clara System: Local Road RTP ID: 240509 CTIPS ID: 20600005602  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: San Tomas Aquino Spur Multi-Use Trail Phase 2  
 Description: In Santa Clara: From El Camino Real/SR 82 to Homestead Road: Construct San Tomas Aquino Spur Trail Phase 2  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 400						\$ 400
CON	CMAQ	\$ 3,234						\$ 3,234
CON	OTHER LOCAL	\$ 1,360						\$ 1,360
Total Programmed Funding:								\$ 4,994

TIP ID: **SCL130037** County: Santa Clara System: Local Road RTP ID: 230242 CTIPS ID: 20600005638  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: Capitol Expressway ITS and Bike/Ped Improvements  
 Description: In San Jose: Capitol Expressway: Upgrade traffic signals and ITS infrastructure and install pedestrian sensors and bike detection at all intersections to allow traffic responsive and adaptive signal timing and fill in sidewalk gaps.  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	CMAQ	\$ 1,269						\$ 1,269
PE	OTHER LOCAL	\$ 165						\$ 165
CON	CMAQ		\$ 4,816					\$ 4,816
CON	OTHER LOCAL		\$ 1,734					\$ 1,734
CON	STP		\$ 1,443					\$ 1,443
Total Programmed Funding:								\$ 9,427

TIP ID: **SCL150015** County: Santa Clara System: Local Road RTP ID: 240747 CTIPS ID: 20600005946  
 Sponsor: Santa Clara County Implementing Agency: Santa Clara County  
 Project Name: Gilroy Moves!  
 Description: Santa Clara County: Gilroy: Non-infrastructure education and encouragement services to promote walking and biking in Gilroy.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 215,177

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	ATP-REG	\$ 1,876						\$ 1,876
Total Programmed Funding:								\$ 1,876

TIP ID: **SCL090031** County: Santa Clara System: Local Road RTP ID: 240744 CTIPS ID: 20600004332  
 Sponsor: Santa Clara Valley Transportation Authority (VTA) Implementing Agency: Santa Clara Valley Transportation  
 Project Name: Santa Clara Caltrain Station Bike/Ped Tunnel  
 Description: In Santa Clara: extend a grade-separated pedestrian tunnel at the Santa Clara Caltrain station.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	SALESTAX-MEASURE	\$ 177						\$ 177
PSE	CMAQ	\$ 1,468						\$ 1,468
PSE	SALESTAX-MEASURE	\$ 506						\$ 506
CON	BT	\$ 675						\$ 675
CON	CMAQ	\$ 1,251						\$ 1,251
CON	PRIVATE	\$ 5,973						\$ 5,973
CON	SALESTAX-MEASURE	\$ 4,231						\$ 4,231
CON	TFCA	\$ 117						\$ 117
Total Programmed Funding:								\$ 14,398





Roadway Projects  
**Santa Clara County**  
 Bike/Pedestrian Projects

TIP ID: **SCL130028** County: Santa Clara System: Local Road RTP ID: 240509 CTIPS ID: 20600005647  
 Sponsor: Sunnyvale Implementing Agency: Sunnyvale  
 Project Name: Sunnyvale/Saratoga Traffic Signal, Bike/Ped Safety  
 Description: In Sunnyvale: On Sunnyvale-Saratoga Road at Mathilda: Upgrade the existing traffic signal and install new ramps, bike detection and ped signals.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 82 Post Mile From: Post Mile To: Toll Credits: \$ 60,103

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 90						\$ 90
CON	CMAQ			\$ 524				\$ 524
Total Programmed Funding:				\$ 524				\$ 614

TIP ID: **SCL130032** County: Santa Clara System: Local Road RTP ID: 240747 CTIPS ID: 20600005648  
 Sponsor: Sunnyvale Implementing Agency: Sunnyvale  
 Project Name: Sunnyvale SRTS Ped Infrastructure Improvements  
 Description: In Sunnyvale: At 17 school sites: Install pedestrian enhancements for school route intersections  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 179,964

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 331						\$ 331
CON	CMAQ		\$ 1,569					\$ 1,569
Total Programmed Funding:			\$ 1,569					\$ 1,900

End of section



# Solano County



Roadway Projects  
**Solano County**  
 State Highway Projects

TIP ID: **SOL110037** County: Solano System: State Highway RTP ID: 240746 CTIPS ID: 20600005472  
 Sponsor: Vallejo Implementing Agency: Vallejo  
 Project Name: Sonoma Boulevard Improvements HSIP5-04-031  
 Description: Vallejo: Sonoma Blvd between Georgia St and Florida St: Implement road diet - reduce travel lanes from 4 to 3, add a two-way left-turn lane or median, and add bike lanes  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: 29 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	HSIP	\$ 105						\$ 105
PE	OTHER LOCAL	\$ 14						\$ 14
CON	HSIP	\$ 260						\$ 260
CON	OTHER LOCAL	\$ 34						\$ 34
Total Programmed Funding:								\$ 412

TIP ID: **SOL070020** County: Solano System: State Highway RTP ID: 230687 CTIPS ID: 20600004066  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: I-80/I-680/SR 12 Interchange Project  
 Description: Fairfield: Improve I-80/I-680/Route 12 I/C(Ph 1), including connecting I-80 to SR 12 W, I-680 NB to SR 12W (Jameson Canyon), I-80 to I-680 (+ Express Lane Direct connectors), build local I/C and build new connecting local roads to SR 12/Red Top I/C.Phased  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 80 Post Mile From: Post Mile To: Toll Credits: \$ 114,700

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	AB1171-AB144	\$ 15,500						\$ 15,500
ENV	BT	\$ 13,500						\$ 13,500
ENV	TCRP	\$ 9,000						\$ 9,000
PSE	AB1171-AB144	\$ 6,335						\$ 6,335
PSE	BT	\$ 78						\$ 78
ROW	AB1171-AB144	\$ 26,134						\$ 26,134
ROW	BT	\$ 15,100						\$ 15,100
CON	AB1171-AB144	\$ 28,448						\$ 28,448
CON	AC	\$ 8,500						\$ 8,500
CON	PROP	\$ 15,500						\$ 15,500
CON	RIP	\$ 11,412						\$ 11,412
CON	RTP-LRP						\$ 567,413	\$ 567,413
CON	STP	\$ 1,000						\$ 1,000
Total Programmed Funding:								\$ 717,920

TIP ID: **SOL090015** County: Solano System: State Highway RTP ID: 230313 CTIPS ID: 20600004556  
 Sponsor: Solano County Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: Redwood-Fairgrounds Dr Interchange Imps  
 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  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 80 Post Mile From: 4.0 Post Mile To: 4.9 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	EARMARK	\$ 842	\$ 422					\$ 1,264
PE	OTHER LOCAL	\$ 322	\$ 105					\$ 427
PSE	RTP-LRP						\$ 5,000	\$ 5,000
ROW	RTP-LRP						\$ 26,000	\$ 26,000
CON	OTHER LOCAL		\$ 397					\$ 397
CON	RTP-LRP						\$ 63,282	\$ 63,282
Total Programmed Funding:								\$ 96,370



Roadway Projects  
**Solano County**  
 State Highway Projects

TIP ID: **SOL110001** County: Solano System: State Highway RTP ID: 240581 CTIPS ID: 20600004647  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: I-80 Express Lanes - Fairfield & Vacaville Ph I&II  
 Description: I-80 in Solano County from Red Top Rd to I-505: Convert existing HOV to HOT & Construct new HOT lanes from Air Base Parkway to I-505. Project also references RTP ID 230660  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	BT	\$ 15,200						\$ 15,200
PE	RTP-LRP						\$ 15,600	\$ 15,600
ROW	RTP-LRP						\$ 4,000	\$ 4,000
CON	OTHER LOCAL					\$ 2,000		\$ 2,000
CON	RTP-LRP						\$ 200,000	\$ 200,000
Total Programmed Funding:						\$ 2,000	\$ 219,600	\$ 236,800

TIP ID: **SOL990018** County: Solano System: State Highway RTP ID: 22632 CTIPS ID: 20600001639  
 Sponsor: Vallejo Implementing Agency: Vallejo  
 Project Name: I-80 / American Canyon Rd overpass Improvements  
 Description: Vallejo: American Canyon Road overpass at Hwy. 80; capacity and safety improvements.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL				\$ 200			\$ 200
CON	RTP-LRP						\$ 5,030	\$ 5,030
Total Programmed Funding:					\$ 200		\$ 5,030	\$ 5,230

TIP ID: **SOL090001** County: Solano System: State Highway RTP ID: 240210 CTIPS ID: 20600004205  
 Sponsor: Vacaville Implementing Agency: Vacaville  
 Project Name: I-505/Vaca Valley Off-Ramp and Intersection Imprv.  
 Description: Vacaville: I-505 at Vaca Valley Pkwy: Widen the southbound I-505 off-ramp at Vaca Valley Parkway to provide left turn storage and signalize the southbound ramps at the intersection of Vaca Valley Parkway  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 505 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 240						\$ 240
CON	OTHER LOCAL	\$ 1,300						\$ 1,300
Total Programmed Funding:								\$ 1,540

TIP ID: **SOL150003** County: Solano System: State Highway RTP ID: 240745 CTIPS ID: 20600006000  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: SR12/Church Rd Intersection Improvements  
 Description: Rio Vista: At SR12/Church Rd. Intersection: Add Standard Shoulders, EB Left Turn Lane, WB Acceleration Lane (720 ft) and Deceleration Lane (300 ft), Remove Trees in Clear Recovery Zone  
 Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 600	\$ 510					\$ 1,110
ROW	RTP-LRP						\$ 70	\$ 70
CON	RTP-LRP						\$ 3,620	\$ 3,620
Total Programmed Funding:			\$ 510				\$ 3,690	\$ 4,800

End of section



Roadway Projects

Solano County

Local Road Projects

TIP ID: **SOL170001** County: Solano System: Local Road RTP ID: 22425 CTIPS ID: 20600006091  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: Regional Planning Activities and PPM - Solano  
 Description: Solano: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP		\$ 274	\$ 203	\$ 204			\$ 681
PE	OTHER LOCAL			\$ 495				\$ 495
PE	STP			\$ 3,822				\$ 3,822
Total Programmed Funding:			\$ 274	\$ 4,520	\$ 204			\$ 4,998

TIP ID: **SOL070012** County: Solano System: Local Road RTP ID: 240600 CTIPS ID: 20600003959  
 Sponsor: Solano County Implementing Agency: Solano County  
 Project Name: Cordelia Hills Sky Valley  
 Description: Cordelia Hill: Transportation enhancements including upgrade of pedestrian and bicycle corridors including open space acquisition along Cordelia Hill Sky Valley and McGary Road. Project is predominantly ROW acquisition  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 140						\$ 140
PE	OTHER LOCAL	\$ 35						\$ 35
ROW	EARMARK	\$ 2,020						\$ 2,020
ROW	OTHER LOCAL	\$ 505						\$ 505
CON	OTHER LOCAL	\$ 50						\$ 50
Total Programmed Funding:								\$ 2,750

TIP ID: **SOL130007** County: Solano System: Local Road RTP ID: 240731 CTIPS ID: 20600005696  
 Sponsor: Solano County Implementing Agency: Solano County  
 Project Name: Suisun Valley Bicycle and Pedestrian Imps  
 Description: Solano County: At Mankas Corner: Construct staging area with bicycle and pedestrian improvements; At Various Locations in Solano County: Add a Class II bike lane to enhance bike access to areas identified for agri-tourism in the Suisun Valley area  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 32			\$ 250			\$ 282
PE	STP	\$ 248						\$ 248
CON	OTHER LOCAL		\$ 120					\$ 120
CON	RTP-LRP						\$ 6,000	\$ 6,000
CON	STP	\$ 927						\$ 927
Total Programmed Funding:			\$ 120		\$ 250		\$ 6,000	\$ 7,577

TIP ID: **SOL110003** County: Solano System: Local Road RTP ID: 94151 CTIPS ID: 20600004761  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Fairfield  
 Project Name: Jepson: Vanden Road from Peabody to Leisure Town  
 Description: Jepson Parkway segment: Vanden Road project from Peabody Road to Leisure Town Road.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 2,658,287

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	EARMARK	\$ 530						\$ 530
PE	OTHER LOCAL	\$ 133						\$ 133
PE	PROP	\$ 1,837						\$ 1,837
PSE	RIP	\$ 2,400						\$ 2,400
ROW	RIP	\$ 3,800						\$ 3,800
CON	OTHER LOCAL	\$ 2,380						\$ 2,380
CON	RIP		\$ 19,376					\$ 19,376
Total Programmed Funding:			\$ 19,376					\$ 30,456



Roadway Projects

Solano County

Local Road Projects

TIP ID: **SOL110004** County: Solano System: Local Road RTP ID: 94151 CTIPS ID: 20600004762  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: Jepson: Walters Rd Ext - Peabody Rd Widening  
 Description: Jepson Parkway segment: Walters Road Extension - Peabody Widening.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP	\$ 630						\$ 630
PE	OTHER LOCAL	\$ 824						\$ 824
ROW	RTP-LRP						\$ 1,304	\$ 1,304
CON	RTP-LRP						\$ 10,673	\$ 10,673
Total Programmed Funding:							\$ 11,977	\$ 13,431

TIP ID: **SOL110005** County: Solano System: Local Road RTP ID: 94151 CTIPS ID: 20600004763  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Vacaville  
 Project Name: Jepson: Leisure Town Road from Vanden to Commerce  
 Description: Jepson Parkway segment: Leisure Town Road from Vanden Road to Commerce. Project is phased  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 2,222,542

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	EARMARK	\$ 793						\$ 793
PE	OTHER LOCAL	\$ 103						\$ 103
PE	RIP	\$ 491						\$ 491
PSE	OTHER LOCAL	\$ 539						\$ 539
ROW	OTHER LOCAL	\$ 1,016						\$ 1,016
CON	HBP		\$ 3,262					\$ 3,262
CON	OTHER LOCAL	\$ 2,065	\$ 423					\$ 2,487
CON	RIP		\$ 19,377					\$ 19,377
Total Programmed Funding:							\$ 23,062	\$ 28,068

TIP ID: **SOL110006** County: Solano System: Local Road RTP ID: 94151 CTIPS ID: 20600004764  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Vacaville  
 Project Name: Jepson: Leisure Town Road (Commerce to New Ulatis)  
 Description: Reconstruct and widen Leisure, from 900 feet South of Commerce Place to South of New Ulatis Creek  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,073,592

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	EARMARK	\$ 185						\$ 185
PE	OTHER LOCAL	\$ 46						\$ 46
PE	RIP	\$ 200						\$ 200
PSE	OTHER LOCAL	\$ 564						\$ 564
ROW	OTHER LOCAL	\$ 893						\$ 893
CON	OTHER LOCAL	\$ 1,074						\$ 1,074
CON	RIP				\$ 3,296		\$ 6,064	\$ 9,360
Total Programmed Funding:							\$ 3,296	\$ 12,322

TIP ID: **SOL130015** County: Solano System: Local Road RTP ID: 240605 CTIPS ID: 20600005743  
 Sponsor: Vallejo Implementing Agency: Vallejo  
 Project Name: Vallejo SRTS Infrastructure Improvements  
 Description: In Vallejo: In the vicinity of Wardlaw Elementary School: Implement safety improvements including striping and signage improvements  
 Air Quality Exempt Code: 5.01 - EXEMPT (40 CFR 93.127) - Intersection channelization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	CMAQ	\$ 18						\$ 18
PE	OTHER LOCAL	\$ 2						\$ 2
ROW	OTHER LOCAL	\$ 2						\$ 2
CON	CMAQ	\$ 230						\$ 230
CON	OTHER LOCAL	\$ 30						\$ 30
Total Programmed Funding:								\$ 282



Roadway Projects  
**Solano County**  
 Local Road Projects

TIP ID: **SOL150002** County: Solano System: Local Road RTP ID: 98212 CTIPS ID: 20600005945  
 Sponsor: Vallejo Implementing Agency: Vallejo  
 Project Name: SR2T - Curtola Bike Path  
 Description: Vallejo: On Curtola Pkwy between Lemon Street and Solano Avenue: Improve bike path  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 5						\$ 5
PE	OTHER LOCAL	\$ 80						\$ 80
CON	BT	\$ 750						\$ 750
CON	OTHER LOCAL	\$ 12						\$ 12
Total Programmed Funding:								\$ 847

End of section



The page left Intentionally blank



Roadway Projects  
**Solano County**  
 Bike/Pedestrian Projects

TIP ID: **SOL130014** County: Solano System: State Highway RTP ID: 240556 CTIPS ID: 20600005739  
 Sponsor: Rio Vista Implementing Agency: Rio Vista  
 Project Name: SR 12 crossing with updated lighting  
 Description: In Rio Vista: At SR12 crossing: Install new updated lighted crosswalk  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 12 Post Mile From: 25.579 Post Mile To: 26.276 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 15						\$ 15
CON	CMAQ	\$ 100						\$ 100
CON	OTHER LOCAL	\$ 15						\$ 15
CON	TDA	\$ 30						\$ 30
CON	TFCA	\$ 70						\$ 70
Total Programmed Funding:								\$ 230

TIP ID: **SOL130012** County: Solano System: Local Road RTP ID: 240556 CTIPS ID: 20600005737  
 Sponsor: Dixon Implementing Agency: Dixon  
 Project Name: Dixon SR2S Infrastructure Improvements  
 Description: Dixon: Various locations along safe routes to schools: Implement pedestrian and bicycle improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 12						\$ 12
CON	OTHER LOCAL		\$ 13					\$ 13
CON	STP		\$ 100					\$ 100
Total Programmed Funding:								\$ 125

TIP ID: **SOL110019** County: Solano System: Local Road RTP ID: 240605 CTIPS ID: 20600004970  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Solano County  
 Project Name: Solano Safe Routes to School Program  
 Description: In Solano County, Countywide: Implement Countywide Solano Safe Routes to School Program, including Planning, Education, and Encouragement events and materials.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 144,063

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	CMAQ	\$ 2,232	\$ 314					\$ 2,546
CON	OTHER LOCAL	\$ 20	\$ 41					\$ 61
CON	STP	\$ 35						\$ 35
Total Programmed Funding:								\$ 2,642

TIP ID: **SOL150001** County: Solano System: Local Road RTP ID: 240605 CTIPS ID: 20600005878  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: Ingraining Walking & Rolling into School Culture  
 Description: Solano County: Countywide: Implement a two pronged approach to ingrain a culture of walking & rolling within 15 selected schools. The project is a collaboration between STA and Solano County Dept. of Public Health.  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 44,504

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	ATP-ST	\$ 388						\$ 388
Total Programmed Funding:								\$ 388



Roadway Projects  
**Solano County**  
 Bike/Pedestrian Projects

TIP ID: **SOL150004** County: Solano System: Local Road RTP ID: 98212 CTIPS ID: 20600006027  
 Sponsor: Solano Transportation Authority (STA) Implementing Agency: Solano Transportation Authority (STA)  
 Project Name: STA SR2S Infrastructure & Non-Infrastructure  
 Description: Solano County: At 7 schools: Implement pedestrian infrastructure improvements; At 26 schools throughout the Cities of Benicia, Rio Vista & Vallejo: Providing education outreach  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 305,905

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	ATP-REG		\$ 125					\$ 125
PSE	OTHER LOCAL		\$ 297					\$ 297
ROW	OTHER LOCAL		\$ 18					\$ 18
CON	ATP-REG			\$ 2,942				\$ 2,942
CON	TDA			\$ 85				\$ 85
Total Programmed Funding:			\$ 440	\$ 3,027				\$ 3,467

TIP ID: **SOL130020** County: Solano System: Local Road RTP ID: 240605 CTIPS ID: 20600005833  
 Sponsor: Suisun City Implementing Agency: Suisun City  
 Project Name: Driftwood Drive Path  
 Description: Suisun City: Along S. Driftwood Dr from Marina Blvd to Josiah Cir, along E. Josiah Cir between Driftwood Dr and Whispering Bay Ln, and along E. Whispering Bay Ln from Josiah Cir to approx 200 ft south of Josiah Cir: Construct Class I bike/ped trail  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 50					\$ 50
CON	CMAQ		\$ 439					\$ 439
CON	TDA		\$ 98					\$ 98
CON	TFCA		\$ 108					\$ 108
Total Programmed Funding:								\$ 695

TIP ID: **SOL130005** County: Solano System: Local Road RTP ID: 240556 CTIPS ID: 20600005596  
 Sponsor: Vacaville Implementing Agency: Vacaville  
 Project Name: Allison Bicycle / Ped Improvements  
 Description: Vacaville: On Allison Drive from Nut Tree Parkway to Ulatis Creek: Install bike/ped infrastructure improvements, landscaping and a marquee sign  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ		\$ 66					\$ 66
PE	OTHER LOCAL		\$ 10					\$ 10
CON	CMAQ		\$ 384					\$ 384
CON	OTHER LOCAL		\$ 51					\$ 51
Total Programmed Funding:			\$ 435					\$ 511

TIP ID: **SOL110035** County: Solano System: Local Road RTP ID: 240600 CTIPS ID: 20600005459  
 Sponsor: Vallejo Implementing Agency: Vallejo  
 Project Name: Vallejo Downtown Streetscape  
 Description: Vallejo: Various streets in the downtown area. Pedestrian enhancements including traffic calming, restriping, parking, signs, brick pavers, street furniture and art. Project is phased  
 Air Quality Exempt Code: 4.12 - EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL		\$ 233					\$ 233
CON	CMAQ		\$ 784					\$ 784
CON	FED-DISC		\$ 1,150					\$ 1,150
CON	OTHER LOCAL		\$ 344	\$ 122				\$ 466
CON	STP		\$ 717	\$ 939				\$ 1,656
Total Programmed Funding:			\$ 1,061					\$ 4,289

End of section



# Sonoma County



Roadway Projects  
**Sonoma County**  
 State Highway Projects

TIP ID: **SON010001** County: Sonoma System: State Highway RTP ID: 240745 CTIPS ID: 10600000673  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: Son 101 HOV - SR 12 to Steele & Steele Lane I/C  
 Description: In Santa Rosa: On 6th St. between Morgan St and Davis St: the construction of 280 feet of roadway with two new travel lanes and a westbound left turn lane; from SR 12 to Steele Lane: follow-up landscaping  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 21.7 Post Mile To: 22.2 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP	\$ 595						\$ 595
PSE	RIP	\$ 2,328						\$ 2,328
ROW	RIP	\$ 55						\$ 55
CON	RIP	\$ 2,452						\$ 2,452
CON-CE	RIP	\$ 515						\$ 515
ROW-CT	RIP	\$ 118						\$ 118
Total Programmed Funding:								\$ 6,063

TIP ID: **SON010019** County: Sonoma System: State Highway RTP ID: 98183 CTIPS ID: 20600002180  
 Sponsor: Sonoma County Transportation Authority (SCTA) Implementing Agency: Caltrans  
 Project Name: Son 101 HOV - Steele Lane to Windsor (North)  
 Description: Santa Rosa-Windsor: US 101 btw Steele Lane in Santa Rosa and Windsor River Road in Windsor; Widen from 4 to 6 lanes for High Occupancy Vehicle (HOV) lanes and implement landscaping.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 22.2 Post Mile To: 29.4 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP	\$ 3,000						\$ 3,000
ENV	XGEN	\$ 500						\$ 500
PSE	XGEN	\$ 6,000						\$ 6,000
ROW	XGEN	\$ 7,060						\$ 7,060
CON-CT	PROP	\$ 8,500						\$ 8,500
CON-CT	RIP	\$ 3,500						\$ 3,500
CON	EARMARK	\$ 5,039						\$ 5,039
CON	PROP	\$ 61,360						\$ 61,360
CON	RTP-LRP						\$ 2,600	\$ 2,600
CON	ST-CASH	\$ 14,900						\$ 14,900
CON	XGEN	\$ 9,340						\$ 9,340
ROW-CT	XGEN	\$ 500						\$ 500
Total Programmed Funding:							\$ 2,600	\$ 122,299

TIP ID: **SON010024** County: Sonoma System: State Highway RTP ID: 21902 CTIPS ID: 20600002280  
 Sponsor: Sonoma County Transportation Authority (SCTA) Implementing Agency: Caltrans  
 Project Name: Son 101 HOV - Redwood Hwy to Rohnert Park Expwy  
 Description: Petaluma-Rohnert Park: US 101 Btw Old Redwood Hwy in Petaluma & Rohnert Park Expwy: widening roadway from 4 to 6 lanes for HOV and implement landscaping  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 7.5 Post Mile To: 13.9 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	RIP	\$ 3,000						\$ 3,000
ENV	SALESTAX-MEASURE	\$ 798						\$ 798
PSE	SALESTAX-MEASURE	\$ 9,609						\$ 9,609
ROW	RIP	\$ 3						\$ 3
ROW	SALESTAX-MEASURE	\$ 6,890						\$ 6,890
CON-CT	PROP	\$ 7,300						\$ 7,300
CON-CT	RIP	\$ 6,200						\$ 6,200
CON	PROP	\$ 51,860						\$ 51,860
CON	RIP	\$ 40,199						\$ 40,199
CON	RTP-LRP						\$ 2,600	\$ 2,600
CON	SALESTAX-MEASURE	\$ 5,053						\$ 5,053
ROW-CT	SALESTAX-MEASURE	\$ 1,440						\$ 1,440
Total Programmed Funding:							\$ 2,600	\$ 134,952



Roadway Projects  
**Sonoma County**  
 State Highway Projects

TIP ID: **SON070004** County: Sonoma System: State Highway RTP ID: 98147 CTIPS ID: 20600003977  
 Sponsor: Sonoma County Transportation Authority (SCTA) Implementing Agency: Sonoma County Transportation  
 Project Name: US 101 Marin/Sonoma Narrows (Sonoma)  
 Description: Marin and Sonoma Counties: From SR37 in Novato to Old Redwood Highway in Petaluma, convert expressway to freeway, construct NB auxillary lane between Lakeville Highway and East Washigton Street, and widen to 6 lanes for HOV lanes.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: Post Mile To: Toll Credits: \$ 628,501

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	EARMARK	\$ 3,024						\$ 3,024
ENV	IIP	\$ 4,500						\$ 4,500
PSE	EARMARK	\$ 2,642						\$ 2,642
PSE	OTHER LOCAL	\$ 110						\$ 110
PSE	SALESTAX-MEASURE	\$ 16,167						\$ 16,167
PSE	TCRP	\$ 1,220						\$ 1,220
ROW	RIP	\$ 15,463						\$ 15,463
ROW	SALESTAX-MEASURE	\$ 2,191						\$ 2,191
CON-CT	OTHER LOCAL	\$ 4,200						\$ 4,200
CON-CT	PROP	\$ 11,042						\$ 11,042
CON-CT	SALESTAX-MEASURE	\$ 1,148						\$ 1,148
CON	EARMARK	\$ 481		\$ 827				\$ 1,308
CON	OTHER LOCAL	\$ 26,699						\$ 26,699
CON	PROP	\$ 63,540						\$ 63,540
CON	RIP	\$ 7,395						\$ 7,395
CON	RTP-LRP						\$ 203,828	\$ 203,828
CON	SALESTAX-MEASURE	\$ 6,065						\$ 6,065
CON-CE	OTHER LOCAL	\$ 115						\$ 115
ROW-CT	EARMARK	\$ 20						\$ 20
ROW-CT	SALESTAX-MEASURE	\$ 2,850						\$ 2,850
Total Programmed Funding:				\$ 827			\$ 203,828	\$ 373,527

TIP ID: **SON090005** County: Sonoma System: State Highway RTP ID: 22191 CTIPS ID: 20600004383  
 Sponsor: Sonoma County Transportation Authority (SCTA) Implementing Agency: Caltrans  
 Project Name: US 101 Airport I/C (North B)  
 Description: In Sonoma County: Replace Airport Blvd overcrossing and reconstruct interchange with US 101. Improve operations between Airport and Fulton. Construct soundwalls. (Project is the second phase of the (SON010019).  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 790						\$ 790
PSE	OTHER LOCAL	\$ 1,216						\$ 1,216
PSE	SALESTAX-MEASURE	\$ 2,914						\$ 2,914
ROW	SALESTAX-MEASURE	\$ 5,638						\$ 5,638
CON-CT	PROP	\$ 4,500						\$ 4,500
CON	OTHER LOCAL	\$ 4,792						\$ 4,792
CON	PROP	\$ 19,608						\$ 19,608
CON	SALESTAX-MEASURE	\$ 2,600						\$ 2,600
ROW-CT	OTHER LOCAL	\$ 235						\$ 235
ROW-CT	SALESTAX-MEASURE	\$ 515						\$ 515
Total Programmed Funding:								\$ 42,808

TIP ID: **SON150006** County: Sonoma System: State Highway RTP ID: 240529 CTIPS ID: 20600005906  
 Sponsor: Santa Rosa Implementing Agency: Santa Rosa  
 Project Name: US 101 Hearn Ave Interchange  
 Description: Santa Rosa: US 101/Hearn Avenue over-crossing/interchange: Replace the US 101/Hearn Avenue over-crossing/interchange with a new over crossing/interchange including bike lanes, sidewalks, and re-aligned ramps to US 101.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 101 Post Mile From: 17.9 Post Mile To: 18.6 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 1,150						\$ 1,150
ENV	SALESTAX-MEASURE	\$ 1,150						\$ 1,150
PSE	SALESTAX-MEASURE			\$ 1,800				\$ 1,800
ROW	OTHER LOCAL			\$ 800				\$ 800
ROW	SALESTAX-MEASURE			\$ 800				\$ 800
CON	RTP-LRP						\$ 25,500	\$ 25,500
CON	SALESTAX-MEASURE					\$ 3,450		\$ 3,450
Total Programmed Funding:				\$ 3,400		\$ 3,450	\$ 25,500	\$ 34,650



Roadway Projects  
**Sonoma County**  
 State Highway Projects

TIP ID: **SON150009** County: Sonoma System: State Highway RTP ID: 22190 CTIPS ID: 20600005920  
 Sponsor: Sonoma County Transportation Authority (SCTA) Implementing Agency: Sonoma County Transportation  
 Project Name: Highway 116/121 Intersection Improvement Project  
 Description: In Sonoma County: At the intersection of State Routes 116 and 121, and Bonneau Road: Improve intersection  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: 116 Post Mile From: 46.0 Post Mile To: 46.7 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 150						\$ 150
ENV	SALESTAX-MEASURE	\$ 1,950						\$ 1,950
PSE	OTHER LOCAL				\$ 2,000			\$ 2,000
CON	RTP-LRP						\$ 22,000	\$ 22,000
Total Programmed Funding:					\$ 2,000		\$ 22,000	\$ 26,100

End of section



The page left Intentionally blank

Roadway Projects  
**Sonoma County**  
 Local Road Projects

TIP ID: **SON130008** County: Sonoma System: Local Road RTP ID: 230700 CTIPS ID: 20600005613  
 Sponsor: Cotati Implementing Agency: Cotati  
 Project Name: Cotati - Old Redwood Highway S. Preservation  
 Description: In Cotati: On Old Redwood Highway, between East Cotati and Myrtle Avenue; rehabilitate roadway and add pedestrian features.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 28,675

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 50						\$ 50
CON	STP	\$ 250						\$ 250
Total Programmed Funding:								\$ 300

TIP ID: **SON170002** County: Sonoma System: Local Road RTP ID: 22425 CTIPS ID: 20600006092  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Sonoma County Transportation  
 Project Name: Regional Planning Activities and PPM - Sonoma  
 Description: Sonoma County: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP		\$ 343	\$ 504				\$ 847
PE	OTHER LOCAL			\$ 495				\$ 495
PE	STP			\$ 3,822				\$ 3,822
Total Programmed Funding:								\$ 5,164

TIP ID: **SON130002** County: Sonoma System: Local Road RTP ID: 230700 CTIPS ID: 20600005649  
 Sponsor: Petaluma Implementing Agency: Petaluma  
 Project Name: Petaluma Complete Streets  
 Description: In Petaluma: On Lakeville St from E. Washington St to Caulfield Ln and on East D St from the D St Bridge to Lakeville St: Rehabilitate the roadway, including striping for Class 2 Bike Lanes and adding ADA compliant curb ramps.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 31						\$ 31
PE	STP	\$ 239						\$ 239
CON	OTHER LOCAL	\$ 209						\$ 209
CON	STP	\$ 1,609						\$ 1,609
Total Programmed Funding:								\$ 2,088

TIP ID: **SON130009** County: Sonoma System: Local Road RTP ID: 230700 CTIPS ID: 20600005614  
 Sponsor: Rohnert Park Implementing Agency: Rohnert Park  
 Project Name: Rohnert Park Various Streets Preservation  
 Description: In Rohnert Park: On Rohnert Park Expressway from State Farm Drive to Snyder Lane: Rehabilitation of roadway including ditches and overlay. Existing lane configuration and existing Class 2 bike lanes will be maintained.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 126,514

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 351						\$ 351
CON	STP	\$ 1,103						\$ 1,103
Total Programmed Funding:								\$ 1,454





Roadway Projects  
**Sonoma County**  
 Local Road Projects

TIP ID: **SON130017** County: Sonoma System: Local Road RTP ID: 230700 CTIPS ID: 20600005735  
 Sponsor: Santa Rosa Implementing Agency: Santa Rosa  
 Project Name: Santa Rosa Cmplt Sts Road Diet on Transit Corridor  
 Description: Santa Rosa: On transit corridors within two Priority Development Areas (Mendocino Ave/Santa Rosa Ave Corridor and Downtown Station Area) and in Communities of Concern: Rehabilitate roadway and implement road diet, bike lanes and other improvements  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 282,162

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 400						\$ 400
ROW	STP		\$ 100					\$ 100
CON	STP		\$ 2,360					\$ 2,360
Total Programmed Funding:			\$ 2,460					\$ 2,860

TIP ID: **SON050001** County: Sonoma System: Local Road RTP ID: 240668 CTIPS ID: 20600002956  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Laughlin Bridge over Mark West Crk 20C0246  
 Description: Mark West Creek Bridge: Laughlin Rd/Brickway Blvd Extension; Construct new 2 lane bridge.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,534,686

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 560			\$ 560			\$ 1,120
PE	HBRR	\$ 100						\$ 100
PE	OTHER LOCAL	\$ 165			\$ 140			\$ 305
ROW	HBP				\$ 100			\$ 100
CON	HBP						\$ 12,620	\$ 12,620
Total Programmed Funding:					\$ 800		\$ 12,620	\$ 14,245

TIP ID: **SON070026** County: Sonoma System: Local Road RTP ID: 22490 CTIPS ID: 20600004234  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Rehab King Ridge Bridge over Austin Crk 20C0433  
 Description: In Sonoma County: On King Ridge Road, 2.3mi North of Fort Ross Road; rehabilitate one-lane bridge to 2 lanes and scour countermeasure  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 490,389

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 878						\$ 878
ROW	HBP			\$ 85				\$ 85
CON	HBP						\$ 3,312	\$ 3,312
Total Programmed Funding:				\$ 85			\$ 3,312	\$ 4,275

TIP ID: **SON090001** County: Sonoma System: Local Road RTP ID: 22490 CTIPS ID: 20600004334  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Replace Geysers Bridge over Sulpher Crk 20C0005  
 Description: In Sonoma County: Bridge replacement: single lane bridges in Sonoma County with two lane bridge ( Geysers Road Bridge 20C0005)  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 910,345

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 1,070						\$ 1,070
PE	OTHER LOCAL	\$ 139						\$ 139
ROW	HBP			\$ 100				\$ 100
CON	HBP					\$ 6,767		\$ 6,767
Total Programmed Funding:				\$ 100		\$ 6,767		\$ 8,075



Roadway Projects  
**Sonoma County**  
 Local Road Projects

TIP ID: **SON090025** County: Sonoma System: Local Road RTP ID: 240748 CTIPS ID: 20600004565  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Replace Chalk Hill Bridge over Maacama Crk 20C0242  
 Description: In Sonoma County - Replace existing bridge no. 20C0242, on Chalk Hill Rd, Over Maacama Creek, 1 Mi S of HWY (spandrel arch bridge with approach spans with new bridge)  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 772,066

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 531						\$ 531
PE	HBRR	\$ 42						\$ 42
ROW	HBP			\$ 200				\$ 200
CON	HBP						\$ 6,000	\$ 6,000
Total Programmed Funding:				\$ 200			\$ 6,000	\$ 6,773

TIP ID: **SON090026** County: Sonoma System: Local Road RTP ID: 22490 CTIPS ID: 20600004563  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Replace Lambert Bridge over Dry Creek 20C0248  
 Description: HBP: In Sonoma: Replace existing through truss bridge (Bridge No. 20C0248, Lambert Bridge Road, Over Dry Creek, 0.4 Mi W of Dry Creek Rd.), that is in poor condition and has seismic deficiencies with new bridge.  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 816,522

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 1,069						\$ 1,069
PE	HBRR	\$ 100						\$ 100
ROW	HBP			\$ 65				\$ 65
CON	HBP					\$ 5,985		\$ 5,985
Total Programmed Funding:				\$ 65		\$ 5,985		\$ 7,219

TIP ID: **SON090027** County: Sonoma System: Local Road RTP ID: 22490 CTIPS ID: 20600004564  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Replace West Dry Creek Bridge over Pena Ck 20C0407  
 Description: In Sonoma: Replace existing four span T-beam concrete bridge (Bridge No. 20C0407, West Dry Creek Rd, Over Pena Creek, 0.7 Mi NW Yoakim Br Rd.) that is one-lane, seismically deficient and in poor condition with new multi-span flat slab concrete bridge.  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 579,235

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 800						\$ 800
ROW	HBP			\$ 250				\$ 250
CON	HBP					\$ 4,000		\$ 4,000
Total Programmed Funding:				\$ 250		\$ 4,000		\$ 5,050

TIP ID: **SON110024** County: Sonoma System: Local Road RTP ID: 240748 CTIPS ID: 20600005084  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Replace Bohan Dillon Bridge over Gualala 20C0435  
 Description: In Sonoma: Bridge No.20C0435, Bohan Dillon Road over South Fork Gualala River, 0.1 Mi N Fort Ross Road. Replace existing one-lane bridge with a new two-lane bridge  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 233,185

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 540						\$ 540
ROW	HBP			\$ 30				\$ 30
CON	HBP						\$ 1,500	\$ 1,500
Total Programmed Funding:				\$ 30			\$ 1,500	\$ 2,070



Roadway Projects  
**Sonoma County**  
 Local Road Projects

TIP ID: **SON110025** County: Sonoma System: Local Road RTP ID: 22490 CTIPS ID: 20600005086  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Replace Hauser Bridge over Gualala River 20C0240  
 Description: In Sonoma: Bridge No.20C0240,Hauser Road Bridge over over South Fork Gualala River, 5 Mi east of Seaview Road.  
 Replace existing one-lane bridge with a new two-lane bridge  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 755,185

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 990						\$ 990
ROW	HBP	\$ 50						\$ 50
CON	HBP			\$ 5,544				\$ 5,544
Total Programmed Funding:				\$ 5,544				\$ 6,584

TIP ID: **SON110026** County: Sonoma System: Local Road RTP ID: 240748 CTIPS ID: 20600005085  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Replace Freestone Flat Bridge over Salmon 20C0440  
 Description: In Sonoma: Bridge No.20C0440,Freestone Flat Road Bridge over Salmon Creek, 0.2 Mi E. Bohemian Way. Replace existing one-lane bridge with a new two-lane bridge  
 Air Quality Exempt Code: 1.02 - EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 461,381

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	HBP	\$ 722						\$ 722
ROW	HBP			\$ 150				\$ 150
CON	HBP						\$ 3,150	\$ 3,150
Total Programmed Funding:				\$ 150			\$ 3,150	\$ 4,022

TIP ID: **SON130010** County: Sonoma System: Local Road RTP ID: 230700 CTIPS ID: 20600005673  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Sonoma County Various Streets & Roads Preservation  
 Description: Sonoma County: Various locations: Rehabilitate pavement  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 387,342

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 438						\$ 438
CON	STP		\$ 3,377					\$ 3,377
Total Programmed Funding:			\$ 3,377					\$ 3,815

TIP ID: **SON130015** County: Sonoma System: Local Road RTP ID: 230700 CTIPS ID: 20600005665  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Bodega Highway Pavement Rehabilitation  
 Description: Bodega Hwy, beginning at the intersection of Sexton Lane and ending at the Sebastopol City Limits. The Project length is approximately 2 miles. The scope of work will includes pavement rehabilitation, replacement of traffic markings  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: 17.2 Post Mile To: 20.0 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 60						\$ 60
CON	OTHER LOCAL		\$ 130					\$ 130
CON	STP		\$ 1,000					\$ 1,000
Total Programmed Funding:			\$ 1,130					\$ 1,190

TIP ID: **SON150001** County: Sonoma System: Local Road RTP ID: 21011 CTIPS ID: 20600005843  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: PDA Planning - Springs Area Plan  
 Description: Sonoma Valley Springs Area: Planning to revitalize the area into a pedestrian and transit oriented mixed use corridor.  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: 12 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 58						\$ 58
PE	STP	\$ 450						\$ 450
Total Programmed Funding:								\$ 508



Roadway Projects  
**Sonoma County**  
 Local Road Projects

TIP ID: **SON150002** County: Sonoma System: Local Road RTP ID: 21011 CTIPS ID: 20600005844  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: PDA Planning - Airport Station/Specific Plan Amend  
 Description: Sonoma County: Near the proposed Sonoma Marin Area Rail Transit Airport station: Develop a new station area plan and update of the 1984 Airport Industrial Area Specific Plan in order to transform the area into a transit oriented employment center  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	OTHER LOCAL	\$ 45					\$ 45
PE	STP	\$ 350					\$ 350
Total Programmed Funding:							\$ 395

TIP ID: **SON150011** County: Sonoma System: Local Road RTP ID: 240561 CTIPS ID: 20600005953  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Sonoma SRTS High School Pilot  
 Description: In Sonoma County: Countywide: Safe routes to school high school pilot program to shift mode away from single family vehicular trips to bicycle/pedestrian/carpooling/bussing.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 100,018

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	ATP-REG	\$ 872					\$ 872
Total Programmed Funding:							\$ 872

TIP ID: **SON150010** County: Sonoma System: Local Road RTP ID: 230550 CTIPS ID: 20600005929  
 Sponsor: Sonoma County Transportation Authority (SCTA) Implementing Agency: Sonoma County Transportation  
 Project Name: Santa Rosa Car Share  
 Description: Santa Rosa: Various locations: Establish nine car share vehicles at four pods.  
 Air Quality Exempt Code: Non-Exempt NRS - NON-EXEMPT - Not Regionally Significant Project  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 19,514

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PE	OTHER STATE		\$ 220				\$ 220
CON	CMAQ		\$ 170				\$ 170
Total Programmed Funding:							\$ 390

TIP ID: **SON170001** County: Sonoma System: Local Road RTP ID: 240667 CTIPS ID: 20600006080  
 Sponsor: Windsor Implementing Agency: Windsor  
 Project Name: Windsor River Road/Windsor Road/NWPRR Intersection  
 Description: In Windsor: Windsor River Road/Windsor Road/SMART intersection: Rail crossing safety improvements, multi-use path, pedestrian and vehicle traffic improvements.  
 Air Quality Exempt Code: 1.01 - EXEMPT (40 CFR 93.126) - Railroad/highway crossing  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
PSE	OTHER LOCAL	\$ 200					\$ 200
CON	OTHER LOCAL				\$ 2,000		\$ 2,000
CON	RTP-LRP					\$ 6,600	\$ 6,600
Total Programmed Funding:							\$ 8,800

End of section



The page left Intentionally blank

Roadway Projects  
**Sonoma County**  
 Bike/Pedestrian Projects

TIP ID: **SON130016** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600005676  
 Sponsor: Cloverdale Implementing Agency: Cloverdale  
 Project Name: Cloverdale - Safe Routes to School Phase 2  
 Description: Cloverdale: Various Locations: Construct sidewalks and add Class II bike lanes  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 25,578

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	SALESTAX-MEASURE	\$ 66						\$ 66
ROW	SALESTAX-MEASURE	\$ 101						\$ 101
CON	STP		\$ 250					\$ 250
Total Programmed Funding:			\$ 250					\$ 417

TIP ID: **SON110054** County: Sonoma System: Local Road RTP ID: 22423 CTIPS ID: 20600005530  
 Sponsor: Healdsburg Implementing Agency: Healdsburg  
 Project Name: Healdsburg Pedestrian Safety and Access Improvmnts  
 Description: In Healdsburg: Install pedestrian safety crossing improvements adjacent to high school on Powell Ave. Install ADA improvements connecting high school and junior high school to library (Powell Ave, Prince St, Piper St).  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 65						\$ 65
ROW	OTHER LOCAL	\$ 20						\$ 20
CON	CMAQ		\$ 203					\$ 203
CON	OTHER LOCAL		\$ 51					\$ 51
Total Programmed Funding:			\$ 254					\$ 339

TIP ID: **SON130007** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600005679  
 Sponsor: Rohnert Park Implementing Agency: Rohnert Park  
 Project Name: Rohnert Park Streetscape and Pedestrian Imps  
 Description: Rohnert Park: At Various locations in the Central Rohnert Park PDA: Install pedestrian and bike facility improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 57,350

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	SALESTAX-MEASURE	\$ 120						\$ 120
CON	CMAQ		\$ 500					\$ 500
Total Programmed Funding:			\$ 500					\$ 620

TIP ID: **SON130006** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600005588  
 Sponsor: Santa Rosa Implementing Agency: Santa Rosa  
 Project Name: Downtown Santa Rosa Streetscape  
 Description: Santa Rosa: Third St between Morgan and B St: Implement pedestrian improvements to channelize pedestrians to use the north side of Thrid Street at Morgan STreet and at B Street; On Santa Rosa Avenue at Mill Street: install traffic signal  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	CMAQ	\$ 126						\$ 126
PE	OTHER LOCAL	\$ 17						\$ 17
CON	CMAQ	\$ 234						\$ 234
CON	OTHER LOCAL	\$ 77						\$ 77
CON	RIP	\$ 353						\$ 353
Total Programmed Funding:								\$ 807



Roadway Projects  
**Sonoma County**  
 Bike/Pedestrian Projects

TIP ID: **SON150003** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600005869  
 Sponsor: Santa Rosa Implementing Agency: Santa Rosa  
 Project Name: Jennings Ave Bike & Ped RR Crossing Corridor  
 Description: In Santa Rosa: At Jennings Ave and SMART railroad tracks: Construct a bicycle and pedestrian crossing and develop a Safe Routes to School service program focusing on education and awareness for the Helen Lehman Elementary School  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 183						\$ 183
CON	OTHER LOCAL		\$ 1,578					\$ 1,578
Total Programmed Funding:			\$ 1,578					\$ 1,761

TIP ID: **SON130014** County: Sonoma System: Local Road RTP ID: 240561 CTIPS ID: 20600005590  
 Sponsor: Sonoma County Implementing Agency: Sonoma County  
 Project Name: Sonoma County - Safe Routes to School Program  
 Description: Sonoma County: Countywide: Comprehensive safe routes to school program to shift mode away from single family vehicular trips to bicycle/pedestrian/carpooling.  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL	\$ 179						\$ 179
CON	STP	\$ 1,379						\$ 1,379
Total Programmed Funding:								\$ 1,558

TIP ID: **SON070008** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600003981  
 Sponsor: Sonoma County Regional Parks Implementing Agency: Sonoma County Regional Parks  
 Project Name: Bodega Bay Trail Segments 1B and 1C  
 Description: Bodega Bay: Segments 1B and 1C parallel to Highway 1 from Salmon Creek Village to the southwest boundary; Construct bicycle and Pedestrian Trail (TLC Project).  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 1 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL	\$ 19						\$ 19
PSE	OTHER LOCAL	\$ 100						\$ 100
CON	OTHER LOCAL	\$ 698						\$ 698
Total Programmed Funding:								\$ 817

TIP ID: **SON110050** County: Sonoma System: Local Road RTP ID: 22423 CTIPS ID: 20600005467  
 Sponsor: Sonoma County Regional Parks Implementing Agency: Sonoma County Regional Parks  
 Project Name: Central Sonoma Valley Trail  
 Description: In the unincorporated area of Sonoma County, construct 0.42 miles of a Class I bike trail. 1)Larson Park to Flowery Elementary School and 2) along Verano Avenue from Sonoma Creek to Main Street.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 160						\$ 160
PE	OTHER LOCAL	\$ 40						\$ 40
CON	CMAQ		\$ 340					\$ 340
CON	OTHER LOCAL		\$ 85					\$ 85
Total Programmed Funding:			\$ 425					\$ 625



Roadway Projects  
**Sonoma County**  
 Bike/Pedestrian Projects

TIP ID: **SON130003** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600005634  
 Sponsor: Windsor Implementing Agency: Windsor  
 Project Name: Jaguar Way/Windsor Road Bicycle /Ped Improvements  
 Description: In Windsor: Around the intersection of Jaguar Way and Windsor Road, the entrance to Windsor High School: Install a traffic signal and construct approximately 300 feet of Class II bicycle lanes and sidewalk.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 108						\$ 108
PE	OTHER LOCAL	\$ 80						\$ 80
CON	CMAQ	\$ 522						\$ 522
CON	OTHER LOCAL	\$ 688						\$ 688
<b>Total Programmed Funding:</b>								<b>\$ 1,398</b>

TIP ID: **SON130012** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600005617  
 Sponsor: Windsor Implementing Agency: Windsor  
 Project Name: Conde Ln/Johnson St Pedestrian Improvements  
 Description: In Town of Windsor: At the intersection of Conde Lane and Johnson Street: Realign intersection to eliminate stop signs on Conde Lane. Johnson Street becomes right in and right out only. Add RRFB crossing on Conde Lane to improve pedestrian safety.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 83						\$ 83
CON	CMAQ		\$ 432					\$ 432
CON	OTHER LOCAL		\$ 90					\$ 90
<b>Total Programmed Funding:</b>			<b>\$ 522</b>					<b>\$ 605</b>

TIP ID: **SON130013** County: Sonoma System: Local Road RTP ID: 240651 CTIPS ID: 20600005655  
 Sponsor: Windsor Implementing Agency: Windsor  
 Project Name: Bell Rd/Market St/Windsor River Rd Ped Improvement  
 Description: In Windsor: At the intersection of Bell Road-Market Street and Windsor River Road: Install a traffic signal and install pedestrian and bicycle signal equipment.  
 Air Quality Exempt Code: 5.02 - EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 83						\$ 83
CON	CMAQ		\$ 410					\$ 410
CON	OTHER LOCAL		\$ 222					\$ 222
<b>Total Programmed Funding:</b>			<b>\$ 632</b>					<b>\$ 716</b>

End of section





The page left Intentionally blank

# Various County



Roadway Projects  
**Various County**  
 State Highway Projects

TIP ID: **VAR170002** County: Various System: State Highway RTP ID: 240746 CTIPS ID: 20600006070  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Highway Safety Improvement Program  
 Description: GL: Safety Imprv - Highway Safety Improvement Program. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.  
 Air Quality Exempt Code: 1.06 - EXEMPT (40 CFR 93.126) - Highway Safety Improvement Program implementation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 492,292

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	HSIP		\$ 11,468	\$ 11,319				\$ 22,787
CON	OTHER LOCAL		\$ 810	\$ 934				\$ 1,743
Total Programmed Funding:			\$ 12,278	\$ 12,253				\$ 24,530

TIP ID: **VAR170004** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006101  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Pavement Resurfacing/Rehab SHS - Highway Maint  
 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.  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,818,454

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	SHA		\$ 15,854					\$ 15,854
Total Programmed Funding:			\$ 15,854					\$ 15,854

TIP ID: **VAR170005** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006102  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Safety Improvements - SHOPP Mobility Program  
 Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 7,680,885

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC			\$ 27,383	\$ 1,189	\$ 38,393		\$ 66,965
Total Programmed Funding:				\$ 27,383	\$ 1,189	\$ 38,393		\$ 66,965

TIP ID: **VAR170006** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006103  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.  
 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)  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 58,490,232

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC		\$ 98,766	\$ 23,082	\$ 162,537	\$ 225,556		\$ 509,941
Total Programmed Funding:			\$ 98,766	\$ 23,082	\$ 162,537	\$ 225,556		\$ 509,941

TIP ID: **VAR170007** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006104  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Safety Imprv. - SHOPP Collision Reduction  
 Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories  
 Air Quality Exempt Code: 1.09 - EXEMPT (40 CFR 93.126) - Guardrails, median barriers, crash cushions  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 39,223,501

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC		\$ 95,568	\$ 128,781	\$ 97,716	\$ 19,901		\$ 341,966
Total Programmed Funding:			\$ 95,568	\$ 128,781	\$ 97,716	\$ 19,901		\$ 341,966



Roadway Projects  
**Various County**  
 State Highway Projects

TIP ID: **VAR170008** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006105  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Emergency Repair - SHOPP Emergency Response  
 Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories  
 Air Quality Exempt Code: 4.13 - 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  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 13,769,735

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC		\$ 34,319	\$ 85,731				\$ 120,050
Total Programmed Funding:			\$ 34,319	\$ 85,731				\$ 120,050

TIP ID: **VAR170009** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006106  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Safety Improvements - SHOPP Mandates  
 Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 5,721,695

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC		\$ 9,978	\$ 11,676	\$ 11,340	\$ 16,890		\$ 49,884
Total Programmed Funding:			\$ 9,978	\$ 11,676	\$ 11,340	\$ 16,890		\$ 49,884

TIP ID: **VAR170010** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006107  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Bridge Rehab and Reconstruction - SHOPP  
 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).  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 31,669,129

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC		\$ 42,839	\$ 109,808	\$ 49,708	\$ 73,749		\$ 276,104
Total Programmed Funding:			\$ 42,839	\$ 109,808	\$ 49,708	\$ 73,749		\$ 276,104

TIP ID: **VAR170011** County: Various System: State Highway RTP ID: 240745 CTIPS ID: 20600006108  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Shoulder Imprv - SHOPP Roadside Preservation  
 Description: Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Fencing, Safety roadside rest areas  
 Air Quality Exempt Code: 4.09 - EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 642,320

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC		\$ 5,600					\$ 5,600
Total Programmed Funding:			\$ 5,600					\$ 5,600

End of section



Roadway Projects  
**Various County**  
 Local Road Projects

TIP ID: **VAR170012** County: Various System: Local Road RTP ID: 240748 CTIPS ID: 20600006109  
 Sponsor: Caltrans Implementing Agency: Caltrans

Project Name: GL: Bridge Rehab/Recon. - Local Hwy Bridge Program  
 Description: GL: Local Bridge Rehab/Recon. - Local Highway Bridge Program(HBP) or Highway Bridge Replacement and Rehabilitation (HBRR). Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories.

Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Route: Post Mile From: Post Mile To: Toll Credits: \$ 10,573,849

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	AC			\$ 14,579				\$ 14,579
CON	BR-SEISMIC			\$ 67	\$ 51	\$ 4,232	\$ 598	\$ 4,948
CON	HBP		\$ 16,592	\$ 33,303	\$ 26,973	\$ 67,874	\$ 227,486	\$ 372,228
CON	OTHER LOCAL		\$ 1,310	\$ 5,664	\$ 687	\$ 2,507	\$ 21,001	\$ 31,168
Total Programmed Funding:			\$ 17,902	\$ 53,613	\$ 27,711	\$ 74,613	\$ 249,085	\$ 422,923

End of section



The page left Intentionally blank

Roadway Projects  
**Various County**  
 Bike/Pedestrian Projects

TIP ID: **VAR170001** County: Various System: Local Road RTP ID: 240747 CTIPS ID: 20600006062  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Safety Improvements - SRTS  
 Description: GL: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Shoulder imprvmts, increasing sight dist, traffic control devices, signals, Pavement marking, Lighting imprvmts, bicycle and pedestrian imprvmts  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	SRTS	\$ 42	\$ 538					\$ 580
Total Programmed Funding:			\$ 538					\$ 580

End of section



The page left Intentionally blank



# Multiple Counties



Roadway Projects  
Multiple Counties  
State Highway Projects

TIP ID: **REG090003** County: Regional System: State Highway RTP ID: 230419 CTIPS ID: 20600004328  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Caltrans  
 Project Name: Freeway Performance Initiative (FPI)  
 Description: Regionwide: Design, implement and maintain ramp metering, Traffic Operation Systems (TOS), and other Freeway Performance Initiative (FPI) projects on major congested freeways throughout the region.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 15,137,075

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	AC	\$ 2,650						\$ 2,650
PE	CMAQ	\$ 57,622						\$ 57,622
PE	OTHER LOCAL	\$ 5,963						\$ 5,963
PE	STP	\$ 8,607	\$ 3,480					\$ 12,087
ROW-	CMAQ	\$ 1,000						\$ 1,000
ROW	AC	\$ 380						\$ 380
ROW	CMAQ	\$ 360	\$ 100					\$ 460
ROW	OTHER LOCAL	\$ 38						\$ 38
CON-CT	OTHER LOCAL	\$ 5,746						\$ 5,746
CON-CT	PROP	\$ 8,957						\$ 8,957
CON-CT	STP	\$ 2,263						\$ 2,263
CON	AB1171-AB144	\$ 1,000						\$ 1,000
CON	AC	\$ 57,745						\$ 57,745
CON	CMAQ	\$ 27,005	\$ 5,820					\$ 32,825
CON	FED-DISC	\$ 2,000						\$ 2,000
CON	OTHER LOCAL	\$ 11,366	\$ 700					\$ 12,066
CON	PROP	\$ 56,000						\$ 56,000
CON	RTP-LRP						\$ 51,586	\$ 51,586
CON	ST-CASH	\$ 4,913						\$ 4,913
CON	STP	\$ 7,930						\$ 7,930
CON-CE	CMAQ	\$ 6,164						\$ 6,164
CON-CE	OTHER LOCAL		\$ 3,300					\$ 3,300
ROW-CT	OTHER LOCAL	\$ 130						\$ 130
Total Programmed Funding:			\$ 13,400				\$ 51,586	\$ 332,826

TIP ID: **REG090044** County: Regional System: State Highway RTP ID: 230419 CTIPS ID: 20600004478  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Incident Management Program  
 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.  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,273,170

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 7,300						\$ 7,300
PE	OTHER LOCAL	\$ 947						\$ 947
PE	STP	\$ 10,100						\$ 10,100
CON	CMAQ		\$ 10,840					\$ 10,840
CON	OTHER LOCAL		\$ 1,605					\$ 1,605
CON	STP	\$ 1,000	\$ 1,400					\$ 2,400
Total Programmed Funding:			\$ 13,845					\$ 33,192

TIP ID: **REG130003** County: Regional System: State Highway RTP ID: 230419 CTIPS ID: 20600005554  
 Sponsor: Metropolitan Transportation Commission - SAFE Implementing Agency: Metropolitan Transportation  
 Project Name: FSP and Call Box Program  
 Description: Regionwide: Manage congestion by preventing and/or addressing minor & major highway incidents/events including FSP and Call Box.  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL	\$ 4,500	\$ 2,000					\$ 6,500
CON	STP	\$ 14,462						\$ 14,462
Total Programmed Funding:			\$ 2,000					\$ 20,962



Roadway Projects  
**Multiple Counties**  
 State Highway Projects

TIP ID: **REG170002** County: Regional System: State Highway RTP ID: 230419 CTIPS ID: 20600006094  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Transportation Management Systems  
 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  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL		\$ 3,000					\$ 3,000
Total Programmed Funding:			\$ 3,000					\$ 3,000

TIP ID: **REG170003** County: Regional System: State Highway RTP ID: 230550 CTIPS ID: 20600006110  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: 511 Carpool and Vanpool Programs  
 Description: Regional: Operate Carpool and Vanpool Programs  
 Air Quality Exempt Code: 3.01 - EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	OTHER LOCAL				\$ 2,900			\$ 2,900
CON	RTP-LRP						\$ 16,400	\$ 16,400
Total Programmed Funding:					\$ 2,900		\$ 16,400	\$ 19,300

End of section



Roadway Projects  
**Multiple Counties**  
 Local Road Projects

TIP ID: **REG090039** County: Regional System: Local Road RTP ID: 240740 CTIPS ID: 20600004462  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Regional Streets and Roads Program  
 Description: Regionwide: Regional Streets and Roads Program including providing assistance to Bay Area agencies to implement & maintain computerized pavement management system (PMS), implementing PTAP (Pavement Technical assistance program), updating regional Needs  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER LOCAL	\$ 1,907	\$ 52					\$ 1,959
CON	STP	\$ 14,700	\$ 400					\$ 15,100
Total Programmed Funding:			\$ 452					\$ 17,059

TIP ID: **REG090046** County: Regional System: Local Road RTP ID: 230419 CTIPS ID: 20600004498  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Regional Arterial Operations & Signal Timing Prog  
 Description: Regional: Develop plans to guide arterial investments, and provide project management and traffic engineering/tech assistance (including procuring traffic signal & comm. equipment and hardware/firmware for active traffic management systems for arterials)  
 Air Quality Exempt Code: 1.07 - EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,806,525

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	STP	\$ 2,500						\$ 2,500
CON	CMAQ	\$ 10,750						\$ 10,750
CON	OTHER LOCAL	\$ 1,910	\$ 500	\$ 1,000				\$ 3,410
CON	STP		\$ 500					\$ 500
Total Programmed Funding:			\$ 1,000	\$ 1,000				\$ 17,160

TIP ID: **REG110010** County: Regional System: Local Road RTP ID: 230550 CTIPS ID: 20600004871  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Bay Area Air Quality Management  
 Project Name: Regional Bicycle Sharing Program  
 Description: Regionwide: various locations: Implement a bikesharing program  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 197,858

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 45						\$ 45
PE	TFCA	\$ 155						\$ 155
ROW	OTHER LOCAL	\$ 5						\$ 5
ROW	TFCA	\$ 15						\$ 15
CON	CMAQ	\$ 8,771						\$ 8,771
CON	OTHER LOCAL	\$ 16,657						\$ 16,657
CON	TFCA	\$ 1,493						\$ 1,493
Total Programmed Funding:								\$ 27,141

TIP ID: **REG130005** County: Regional System: Local Road RTP ID: 21011 CTIPS ID: 20600005759  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Transit Oriented Affordable Housing  
 Description: Bay Area Region: Establish a land acquisition and land banking financing fund to maximize the production of affordable housing near transit stations  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	MTC	\$ 20,000						\$ 20,000
Total Programmed Funding:								\$ 20,000



Roadway Projects  
**Multiple Counties**  
 Local Road Projects

TIP ID: **REG170001** County: Regional System: Local Road RTP ID: 22425 CTIPS ID: 20600006093  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Regional Planning Activities and PPM - MTC  
 Description: Regional: Regional Planning Activities and Planning, Programming and Monitoring (PPM)  
 Air Quality Exempt Code: 4.03 - EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	RIP		\$ 632	\$ 653	\$ 676			\$ 1,961
PE	OTHER LOCAL			\$ 1,238				\$ 1,238
PE	STP			\$ 9,555				\$ 9,555
<b>Total Programmed Funding:</b>			<b>\$ 632</b>	<b>\$ 11,446</b>	<b>\$ 676</b>			<b>\$ 12,754</b>

End of section



**Public Lands/  
Trails  
Project Listings**

Public Land/Trails Projects

Alameda County

Public Land and Trail Projects

TIP ID: **ALA150008** County: Alameda System: Public Lands/Trails RTP ID: 240347 CTIPS ID: 20600005868  
 Sponsor: Alameda County Transportation Commission (ACTC) Implementing Agency: Alameda County Transportation  
 Project Name: East Bay Greenway  
 Description: Alameda County: BART alignment from Lake Merritt BART station to the South Hayward BART station. Install a primarily Class I facility that generally follows BART alignment, a distance of approximately 16 miles.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	ATP-ST	\$ 2,656						\$ 2,656
ENV	SALESTAX-MEASURE	\$ 3,844						\$ 3,844
PSE	RTP-LRP						\$ 5,000	\$ 5,000
ROW	OTHER LOCAL				\$ 1,250			\$ 1,250
CON	RTP-LRP						\$ 25,000	\$ 25,000
CON-CE	RTP-LRP						\$ 2,500	\$ 2,500
Total Programmed Funding:					\$ 1,250		\$ 32,500	\$ 40,250

TIP ID: **ALA130035** County: Alameda System: Public Lands/Trails RTP ID: 240381 CTIPS ID: 20600005834  
 Sponsor: Berkeley Implementing Agency: Berkeley  
 Project Name: Bay Trail Shoreline Access Staging Area Project  
 Description: City of Berkeley: Berkeley Marina, construct segment 3 of Bay Trail Extension, construct new public restroom, and renovate existing public parking area and windsurf staging area.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 77						\$ 77
PE	OTHER STATE	\$ 204						\$ 204
CON	OTHER LOCAL		\$ 903					\$ 903
CON	OTHER STATE		\$ 456					\$ 456
CON	STP		\$ 500					\$ 500
Total Programmed Funding:			\$ 1,859					\$ 2,140

TIP ID: **ALA150048** County: Alameda System: Public Lands/Trails RTP ID: 240381 CTIPS ID: 20600006041  
 Sponsor: Berkeley Implementing Agency: Berkeley  
 Project Name: 9th St Bicycle Blvd Extension Pathway Ph II  
 Description: In Berkeley: Between the 9th Street Bicycle Boulevard (south of Heinz Avenue) and Murray Street: Install a shared-use path  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
ENV	ATP-ST		\$ 20					\$ 20
ENV	OTHER LOCAL		\$ 1					\$ 1
PSE	ATP-ST		\$ 125					\$ 125
PSE	OTHER LOCAL		\$ 7					\$ 7
CON	ATP-ST			\$ 705				\$ 705
CON	OTHER LOCAL			\$ 37				\$ 37
Total Programmed Funding:			\$ 153	\$ 742				\$ 895

End of section



The page left Intentionally blank



Public Land/Trails Projects  
**Contra Costa County**  
 Bike/Pedestrian Projects

TIP ID: **CC-070033** County: Contra Costa System: Public Lands/Trails RTP ID: 21225 CTIPS ID: 20600003764  
 Sponsor: East Bay Regional Park District (EBRPD) Implementing Agency: East Bay Regional Park District  
 Project Name: Contra Costa Parks Bike/Ped Trail Improvements  
 Description: Contra Costa County: Various County Parks; Various bicycle and pedestrian trail improvements. Construction will be done in different phases.  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	EARMARK	\$ 32						\$ 32
ENV	OTHER LOCAL	\$ 10						\$ 10
PSE	OTHER LOCAL	\$ 30						\$ 30
CON	EARMARK	\$ 567	\$ 121					\$ 688
CON	OTHER LOCAL	\$ 160	\$ 31					\$ 191
Total Programmed Funding:			\$ 152					\$ 951

TIP ID: **CC-130049** County: Contra Costa System: Public Lands/Trails RTP ID: 240731 CTIPS ID: 20600005831  
 Sponsor: East Bay Regional Park District (EBRPD) Implementing Agency: East Bay Regional Park District  
 Project Name: Breuner Marsh Restoration and Public Access  
 Description: City of Richmond: Breuner Marsh at Point Pinole Regional Shoreline Park: Implement public access improvements including a staging area and associated bicycle and pedestrian access improvements  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 2,000						\$ 2,000
CON	OTHER FEDERAL	\$ 498						\$ 498
CON	OTHER LOCAL	\$ 1,366						\$ 1,366
CON	OTHER STATE	\$ 1,081						\$ 1,081
CON	STP	\$ 1,000						\$ 1,000
Total Programmed Funding:			\$ 5,945					\$ 5,945

TIP ID: **CC-130050** County: Contra Costa System: Public Lands/Trails RTP ID: 240731 CTIPS ID: 20600005832  
 Sponsor: East Bay Regional Park District (EBRPD) Implementing Agency: East Bay Regional Park District  
 Project Name: SF Bay Trail, Pinole Shores to Bay Front Park  
 Description: Pinole: Between Pinole Shores and Bayfront Park, approximately 0.5-mile: Construct a section of the San Francisco Bay Trail. Project is phased  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 310						\$ 310
CON	ATP-REG		\$ 4,000					\$ 4,000
CON	OTHER FEDERAL	\$ 1,312						\$ 1,312
CON	OTHER LOCAL	\$ 179	\$ 1,701					\$ 1,880
CON	STP		\$ 120					\$ 120
Total Programmed Funding:			\$ 5,821					\$ 7,622

TIP ID: **CC-130024** County: Contra Costa System: Public Lands/Trails RTP ID: 240744 CTIPS ID: 20600005641  
 Sponsor: El Cerrito Implementing Agency: El Cerrito  
 Project Name: Ohlone Greenway Station Area Bike/Ped Improvements  
 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  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	CMAQ	\$ 429						\$ 429
PE	OTHER LOCAL	\$ 57						\$ 57
CON	CMAQ	\$ 3,039						\$ 3,039
CON	OTHER LOCAL	\$ 394						\$ 394
Total Programmed Funding:			\$ 3,919					\$ 3,919

End of section



The page left Intentionally blank

Public Land/Trails Projects

**Marin County**

Bike/Pedestrian Projects

TIP ID: **MRN130012** County: Marin System: Public Lands/Trails RTP ID: 240715 CTIPS ID: 20600005760  
 Sponsor: Mill Valley Implementing Agency: Mill Valley  
 Project Name: Bayfront Park Recreational Bay Access Pier Rehab  
 Description: Mill Valley: Bayfront Park: Construct trail connector to Bay Trail and waterfront including a reconstruction of the pier  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 73						\$ 73
CON	OTHER LOCAL		\$ 50					\$ 50
CON	STP		\$ 100					\$ 100
Total Programmed Funding:			\$ 150					\$ 223

TIP ID: **MRN130013** County: Marin System: Public Lands/Trails RTP ID: 240715 CTIPS ID: 20600005762  
 Sponsor: San Anselmo Implementing Agency: San Anselmo  
 Project Name: Sunny Hill Ridge and Red Hill Trails  
 Description: In San Anselmo: Near Sunny Hill and Red Hill: Construct three miles of hiking trails  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 40						\$ 40
PE	STP	\$ 40						\$ 40
CON	OTHER LOCAL		\$ 40					\$ 40
CON	STP		\$ 40					\$ 40
Total Programmed Funding:			\$ 80					\$ 160

End of section



The page left Intentionally blank

**Marin County**

Public Land and Trail Projects

TIP ID: **MRN130014** County: Marin System: Public Lands/Trails RTP ID: 240715 CTIPS ID: 20600005763  
 Sponsor: Marin County Implementing Agency: Marin County  
 Project Name: Mill Valley-Sausalito Pathway Preservation  
 Description: Marin County: Mill Valley-Sausalito multiuse pathway from East Blithedale Avenue to Almonte Boulevard in Mill Valley:  
 Rehabilitate multi-use path  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 205						\$ 205
PE	STP	\$ 205						\$ 205
CON	OTHER LOCAL		\$ 115					\$ 115
CON	STP		\$ 115					\$ 115
<b>Total Programmed Funding:</b>			<b>\$ 230</b>					<b>\$ 640</b>

End of section



The page left Intentionally blank

Public Land/Trails Projects

Napa County

Bike/Pedestrian Projects

TIP ID: **NAP130004** County: Napa System: Public Lands/Trails RTP ID: 240083 CTIPS ID: 20600005764  
 Sponsor: Napa (City) Implementing Agency: Napa (City)  
 Project Name: Highway 29/Napa Creek Bicycle Path Upgrade  
 Description: Napa: On the North side of Napa Creek under Highway 29: Construct a Class 1 bicycle and pedestrian path  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	BTA	\$ 25						\$ 25
PE	OTHER LOCAL	\$ 3						\$ 3
PE	TDA	\$ 72						\$ 72
ROW	RTP-LRP						\$ 40	\$ 40
CON	RTP-LRP						\$ 385	\$ 385
Total Programmed Funding:							\$ 425	\$ 525

TIP ID: **NAP130008** County: Napa System: Public Lands/Trails RTP ID: 240612 CTIPS ID: 20600005811  
 Sponsor: Yountville Implementing Agency: Yountville  
 Project Name: Hopper Creek Pedestrian Bridge and Path Project  
 Description: Yountville: Along Hopper Creek from Oak Circle Open Space to Mission St: Construct multi-use pathway and a pedestrian bridge across Hopper Creek  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PSE	RIP				\$ 100			\$ 100
CON	RIP					\$ 400		\$ 400
Total Programmed Funding:							\$ 100	\$ 500

End of section



The page left Intentionally blank



Public Land/Trails Projects

San Mateo County

Bike/Pedestrian Projects

TIP ID: **SM-130031** County: San Mateo System: Public Lands/Trails RTP ID: 240731 CTIPS ID: 20600005837  
 Sponsor: San Francisco City/County Implementing Agency: San Francisco City/County  
 Project Name: Southern Skyline Blvd. Ridge Trail Extension  
 Description: San Mateo County: On the east side of SR-35 "Upper Skyline Blvd" between the intersection of Hwy 92 and Hwy 35 southward approximately 6 miles to the SFPUC Peninsula Watershed: Construct Southern Skyline Blvd. Ridge Trail Extension  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: 0 Post Mile To: 0 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL	\$ 2,800						\$ 2,800
CON	OTHER LOCAL			\$ 2,000				\$ 2,000
CON	RTP-LRP						\$ 8,900	\$ 8,900
CON	STP			\$ 1,000				\$ 1,000
Total Programmed Funding:				\$ 3,000			\$ 8,900	\$ 14,700

End of section



The page left Intentionally blank

Public Land/Trails Projects

**San Mateo County**

Public Land and Trail Projects

TIP ID: **SM-130032** County: San Mateo System: Public Lands/Trails RTP ID: 230430 CTIPS ID: 20600005838  
 Sponsor: San Mateo County Implementing Agency: San Mateo County  
 Project Name: Midcoast Multi-Modal Trail  
 Description: San Mateo County: On Highway 1 from Alto Avenue in Miramar to Coronado Street in El Granada: Construct 3,750 feet of multi-use trail  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: 1 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER LOCAL				\$ 565			\$ 565
CON	RTP-LRP						\$ 6,000	\$ 6,000
<b>Total Programmed Funding:</b>					\$ 565		\$ 6,000	\$ 6,565

End of section



The page left Intentionally blank

Public Land/Trails Projects

**Santa Clara County**

Bike/Pedestrian Projects

TIP ID: **SCL050083** County: Santa Clara System: Public Lands/Trails RTP ID: 240508 CTIPS ID: 20600003862  
 Sponsor: San Jose Implementing Agency: San Jose

Project Name: Coyote Creek Trail (Hwy 237-Story Rd)

Description: In San Jose: from Highway 237 to Story Road; Master plan entire system, design and construction of the trail.

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits:

Phase	All funding in thousands of dollars		FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
	Fund Source	Prior Years						
ENV	EARMARK	\$ 457						\$ 457
ENV	OTHER LOCAL	\$ 115						\$ 115
PE	OTHER LOCAL	\$ 92						\$ 92
PE	STP	\$ 713						\$ 713
PSE	ATP-REG		\$ 1,210					\$ 1,210
PSE	EARMARK	\$ 861						\$ 861
PSE	OTHER LOCAL	\$ 216	\$ 214					\$ 430
CON	ATP-REG				\$ 4,046			\$ 4,046
CON	EARMARK	\$ 2,356						\$ 2,356
CON	OTHER LOCAL	\$ 475			\$ 714			\$ 1,189
CON	RTP-LRP					\$ 30,000		\$ 30,000
Total Programmed Funding:			\$ 1,424		\$ 4,760		\$ 30,000	\$ 41,469

TIP ID: **SCL130031** County: Santa Clara System: Public Lands/Trails RTP ID: 240509 CTIPS ID: 20600005578  
 Sponsor: Sunnyvale Implementing Agency: Sunnyvale

Project Name: Sunnyvale East and West Channel Multi-Use Trails

Description: In Sunnyvale: Various locations on the Sunnyvale East Channel: construct multi-use paved trails.

Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities

Route: Post Mile From: Post Mile To: Toll Credits:

Phase	All funding in thousands of dollars		FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
	Fund Source	Prior Years						
PE	OTHER LOCAL	\$ 400						\$ 400
CON	CMAQ			\$ 3,440				\$ 3,440
CON	OTHER LOCAL			\$ 905				\$ 905
Total Programmed Funding:				\$ 4,345				\$ 4,745

End of section



The page left Intentionally blank

Public Land/Trails Projects

**Various County**

Bike/Pedestrian Projects

TIP ID: **VAR150003** County: Various System: Public Lands/Trails RTP ID: 240727 CTIPS ID: 20600006060  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Bike and Ped Facilities - Fed Discretionary  
 Description: Regionwide: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Bicycle and pedestrian facilities (both motorized and Non-motorized)  
 Air Quality Exempt Code: 3.02 - EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER FEDERAL			\$ 1,771				\$ 1,771
CON	OTHER LOCAL			\$ 229				\$ 229
<b>Total Programmed Funding:</b>						\$ 2,000		\$ 2,000

End of section



The page left Intentionally blank



Public Land/Trails Projects

**Various County**

Public Land and Trail Projects

TIP ID: **VAR150002** County: Various System: Public Lands/Trails RTP ID: 240727 CTIPS ID: 20600006059  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: GL: Pavement Resurf and/or Rehab-Fed Discretionary  
 Description: Regionwide: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Pavement resurfacing and/or rehabilitation  
 Air Quality Exempt Code: 1.10 - EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	OTHER FEDERAL	\$ 6,600		\$ 4,426				\$ 11,026
CON	OTHER LOCAL			\$ 574				\$ 574
<b>Total Programmed Funding:</b>				\$ 5,000				\$ 11,600

End of section



The page left Intentionally blank

# **Regional Project Listings**

Contra Costa County

TIP ID: **CC-150013** County: Contra Costa System: Regional RTP ID: 94046 CTIPS ID: 20600005963  
 Sponsor: Contra Costa Transportation Authority (CCTA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: SR 4 Integrated Corridor Management  
 Description: Contra Costa County: Along SR 4 between I-80 in Hercules to the SR 4/SR 160 Interchange in the City of Antioch: Implement Integrated Corridor Management along corridor.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 4 Post Mile From: 0 Post Mile To: 31.0 Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	OTHER FEDERAL	\$ 200						\$ 200
PE	SALESTAX-MEASURE	\$ 200						\$ 200
PSE	SALESTAX-MEASURE		\$ 200					\$ 200
CON	RTP-LRP						\$ 14,750	\$ 14,750
<b>Total Programmed Funding:</b>			\$ 200				\$ 14,750	\$ 15,350

End of section



The page left Intentionally blank

Multiple Counties

TIP ID: **REG090042** County: Regional System: Regional RTP ID: 230419 CTIPS ID: 20600004494  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: 511 Traveler Information  
 Description: Regionwide: Provides multimodal, accurate, reliable, and accessible traveler information on multiple dissemination platforms; serves as the go-to source during major disruptions and emergencies; and supports MTC and partner initiatives.  
 Air Quality Exempt Code: 4.11 - EXEMPT (40 CFR 93.126) - Directional and informational signs  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 1,003,625

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
CON	CMAQ	\$ 24,070						\$ 24,070
CON	OTHER LOCAL	\$ 10,790	\$ 1,210					\$ 12,000
CON	STP	\$ 59,200	\$ 8,750					\$ 67,950
Total Programmed Funding:			\$ 9,960					\$ 104,020

TIP ID: **REG090065** County: Regional System: Regional RTP ID: 230550 CTIPS ID: 20600004581  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Bay Area Air Quality Management  
 Project Name: Climate Initiatives Program Public Education  
 Description: Climate Initiatives Program: Regionwide, community-based social marketing campaign & support for programs to encourage sustainable transportation behavioral changes to reduce criteria pollutants and greenhouse gases including those relating to SCS  
 Air Quality Exempt Code: 4.02 - EXEMPT (40 CFR 93.126) - Grants for training and research programs  
 Route: Post Mile From: Post Mile To: Toll Credits: \$ 149,110

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	CMAQ	\$ 7,393						\$ 7,393
PE	OTHER LOCAL	\$ 3,250						\$ 3,250
CON	CMAQ	\$ 1,300	\$ 400					\$ 1,700
CON	OTHER LOCAL		\$ 52					\$ 52
Total Programmed Funding:			\$ 452					\$ 12,395

TIP ID: **REG110011** County: Regional System: Regional RTP ID: 230550 CTIPS ID: 20600004868  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Electric Vehicle Funding Strategies  
 Description: Region-wide: Support the deployment of electric vehicles in the Bay Area including approaches such as infrastructure, outreach, and other supportive strategies.  
 Air Quality Exempt Code: 2.06 - EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
Phase	Fund Source							
PE	OTHER LOCAL	\$ 25						\$ 25
CON	OTHER LOCAL	\$ 308						\$ 308
CON	TFCA	\$ 2,000						\$ 2,000
Total Programmed Funding:								\$ 2,333

End of section



Regional Transportation Network Projects  
Multiple Counties

---

The page left Intentionally blank



# **Tollway Projects**



Tollway Projects  
**Bay Area State-Owned Toll Bridges**

TIP ID: **REG130001** County: Regional System: Tollway RTP ID: 21013 CTIPS ID: 20600005360  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Toll Bridge Maintenance  
 Description: Region-wide: Seven state-owned toll bridges: routine maintenance of bridge facilities  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	BT	\$ 48,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000		\$ 96,000
Total Programmed Funding:			\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000		\$ 96,000

TIP ID: **REG130002** County: Regional System: Tollway RTP ID: 21013 CTIPS ID: 20600005317  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Toll Bridge Rehabilitation Program  
 Description: Bay Area: On 7 state-owned toll bridges: Rehabilitation program  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)  
 Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
CON	BT	\$ 632,092	\$ 113,000	\$ 60,000	\$ 55,000	\$ 32,000		\$ 892,092
Total Programmed Funding:			\$ 113,000	\$ 60,000	\$ 55,000	\$ 32,000		\$ 892,092

End of section



Tollway Projects  
Bay Area State-Owned Toll Bridges

---

The page left Intentionally blank



Tollway Projects  
Golden Gate Bridge

TIP ID: **MRN050018** County: Marin System: Tollway RTP ID: 21012 CTIPS ID: 20600003406  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: Golden Gate Bridge Seismic Retrofit, Phase 3B  
 Description: SF/Marin County: Golden Gate Bridge; Seismic retrofit of the Golden Gate Bridge - construction of suspension span, south pier and fender.  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	AC			\$ 41,561			\$ 41,561
CON	EARMARK	\$ 37,500	\$ 1,948				\$ 39,448
CON	HBP			\$ 9,500	\$ 20,000	\$ 21,561	\$ 51,061
CON	OTHER LOCAL		\$ 5,182				\$ 5,182
Total Programmed Funding:			\$ 7,130	\$ 51,061	\$ 20,000	\$ 21,561	\$ 137,252

TIP ID: **MRN050019** County: Marin System: Tollway RTP ID: 240748 CTIPS ID: 20600003535  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: Golden Gate Bridge-Suicide Deterrent SafetyBarrier  
 Description: Golden Gate Bridge: Build suicide deterrent system. Including design & Environmental analysis, plus analysis of alternatives & wind tunnel tests to ensure the feasibility of designs and build deterrent system. Project will be constructed in phases.  
 Air Quality Exempt Code: 1.03 - EXEMPT (40 CFR 93.126) - Safer non-Federal-aid system roads

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
ENV	MTC	\$ 1,850					\$ 1,850
ENV	OTHER LOCAL	\$ 150					\$ 150
PSE	OTHER LOCAL	\$ 5,000					\$ 5,000
CON	AC	\$ 57,000					\$ 57,000
CON	HBP	\$ 10,000	\$ 20,000				\$ 30,000
CON	OTHER LOCAL	\$ 5,000					\$ 5,000
CON	OTHER STATE	\$ 7,000					\$ 7,000
CON	STP			\$ 27,000			\$ 27,000
CON	TOLLS	\$ 20,000					\$ 20,000
Total Programmed Funding:			\$ 20,000	\$ 27,000			\$ 153,000

TIP ID: **MRN970016** County: Marin System: Tollway RTP ID: 21012 CTIPS ID: 20600000347  
 Sponsor: Golden Gate Bridge, Highway and Transit District Implementing Agency: Golden Gate Bridge, Highway and  
 Project Name: Golden Gate Bridge Seismic Retrofit, Ph: 1-3A  
 Description: San Francisco /Marin Counties: Golden Gate Bridge; Seismic retrofit of the Golden Gate Bridge - construction on north and south approach viaducts, and Ft. Point Arch.  
 Air Quality Exempt Code: 1.19 - EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)

Route:		Post Mile From:	Post Mile To:	Toll Credits:			
All funding in thousands of dollars							
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Total Programmed
CON	DBR	\$ 79,269					\$ 79,269
CON	EARMARK	\$ 41,001	\$ 2,992				\$ 43,993
CON	HBRR	\$ 46,909					\$ 46,909
CON	OTHER LOCAL	\$ 71,238	\$ 748				\$ 71,986
CON	RIP	\$ 26,000					\$ 26,000
CON	TCRP	\$ 5,000					\$ 5,000
Total Programmed Funding:			\$ 3,740				\$ 273,157

End of section



The page left Intentionally blank

Tollway Projects  
Regional Express Lane Network

TIP ID: **ALA170006** County: Alameda System: Tollway RTP ID: 230668 CTIPS ID: 20600006081  
 Sponsor: Bay Area Infrastructure Financing Authority(BAIFA) Implementing Agency: Bay Area Infrastructure Financing  
 Project Name: ALA-880 Express Lanes  
 Description: In Alameda/Santa Clara Counties: On I-880 from Hegenberger to Dixon Landing (Southbound) and Dixon Landing to Lewelling (Northbound); Convert HOV lanes to express lanes. Project also references RTP ID 240741  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 880 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	TOLLS	\$ 6,900						\$ 6,900
PE	TOLLS	\$ 12,500						\$ 12,500
ROW	TOLLS		\$ 1,500					\$ 1,500
CON	TOLLS		\$ 57,000					\$ 57,000
Total Programmed Funding:			\$ 58,500					\$ 77,900

TIP ID: **CC-130043** County: Contra Costa System: Tollway RTP ID: 230685 CTIPS ID: 20600005766  
 Sponsor: Bay Area Infrastructure Financing Authority(BAIFA) Implementing Agency: Bay Area Infrastructure Financing  
 Project Name: CC I-680 Southern Segment Express Lanes  
 Description: In Contra Costa County: On I-680 between Alcosta Boulevard and Livorna Road (northbound) and between Alcosta Boulevard and Rudgear Road (southbound); Convert existing HOV lanes to express lanes.Multi-phased.  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 680 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	TOLLS	\$ 3,369						\$ 3,369
PE	TOLLS	\$ 6,472						\$ 6,472
ROW	TOLLS	\$ 383						\$ 383
CON	TOLLS	\$ 45,425						\$ 45,425
Total Programmed Funding:								\$ 55,649

TIP ID: **CC-170002** County: Contra Costa System: Tollway RTP ID: 240588 CTIPS ID: 20600006078  
 Sponsor: Bay Area Infrastructure Financing Authority(BAIFA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: CC-680 Northern Segment Express Lane - Southbound  
 Description: In Contra Costa County: On I-680 Southbound from Benicia-Martinez Toll Plaza to El Cerro; convert HOV to express lanes and add/modify express lane elements. Project also references RTP ID 230685  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 680 Post Mile From: 25.0 Post Mile To: 8.0 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT	\$ 3,812						\$ 3,812
PE	TOLLS	\$ 3,560						\$ 3,560
ROW	TOLLS			\$ 1,004				\$ 1,004
CON	RTP-LRP						\$ 25,724	\$ 25,724
CON	TOLLS			\$ 2,000				\$ 2,000
Total Programmed Funding:				\$ 3,004			\$ 25,724	\$ 36,100

TIP ID: **CC-170003** County: Contra Costa System: Tollway RTP ID: 240587 CTIPS ID: 20600006079  
 Sponsor: Bay Area Infrastructure Financing Authority(BAIFA) Implementing Agency: Contra Costa Transportation Authority  
 Project Name: CC-680 Northern Segment Express Lane - Northbound  
 Description: In Contra Costa County: On I-680 Northbound from Rudgear to Benicia-Martinez Bridge; convert HOV to express lanes, add express lane elements and provide operational improvements. Project also references RTP ID 230685  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: 680 Post Mile From: 25.0 Post Mile To: 8.0 Toll Credits:

All funding in thousands of dollars		Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	OTHER LOCAL		\$ 2,000					\$ 2,000
ENV	RTP-LRP						\$ 1,100	\$ 1,100
PE	RTP-LRP						\$ 3,100	\$ 3,100
ROW	RTP-LRP						\$ 900	\$ 900
CON	RTP-LRP						\$ 24,800	\$ 24,800
Total Programmed Funding:			\$ 2,000				\$ 29,900	\$ 31,900



Tollway Projects  
Regional Express Lane Network

TIP ID: **REG130004** County: Regional System: Tollway RTP ID: 240741 CTIPS ID: 20600005723  
 Sponsor: Bay Area Infrastructure Financing Authority(BAIFA) Implementing Agency: Bay Area Infrastructure Financing  
 Project Name: Regional Express Lane Network  
 Description: Region-wide: Program-level project costs to support the Regional Express Lane Network deployment including: Program costs (planning, coordination, & management); Centralized toll system costs; Capitalized start-up operations & maintenance costs.

Air Quality Exempt Code: NON-EXEMPT

Route: Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	TOLLS	\$ 28,437						\$ 28,437
CON	TOLLS	\$ 33,574	\$ 16,000					\$ 49,574
Total Programmed Funding:			\$ 16,000					\$ 78,011

TIP ID: **VAR170003** County: Various System: Tollway RTP ID: 230656 CTIPS ID: 20600006082  
 Sponsor: Bay Area Infrastructure Financing Authority(BAIFA) Implementing Agency: Bay Area Infrastructure Financing  
 Project Name: ALA/CC-80 and Bay Bridge Approach Express Lanes  
 Description: In Alameda/Contra Costa counties; On I-80 from the Carquinez Bridge to Powell and the Bay Bridge Approaches; Convert HOV lanes to express lanes. Project also references RTP IDs 230657 and 240741

Air Quality Exempt Code: NON-EXEMPT

Route: 80 Post Mile From: Post Mile To: Toll Credits:

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
ENV	BT	\$ 5,000						\$ 5,000
ENV	RTP-LRP						\$ 4,800	\$ 4,800
PE	RTP-LRP						\$ 9,800	\$ 9,800
ROW	RTP-LRP						\$ 3,000	\$ 3,000
CON	RTP-LRP						\$ 75,700	\$ 75,700
Total Programmed Funding:							\$ 93,300	\$ 98,300

End of section



Tollway Projects  
**Richmond-San Rafael Bridge**

TIP ID: **MRN150009** County: Marin System: Tollway RTP ID: 240758 CTIPS ID: 20600005965  
 Sponsor: Metropolitan Transportation Commission (MTC) Implementing Agency: Metropolitan Transportation  
 Project Name: Richmond-San Rafael Bridge Access Improvements  
 Description: In Contra Costa and Marin Counties: On I-580/Richmond-San Rafael Bridge: Convert existing shoulders to an automobile travel lane (EB) and a bike/ped path, construct bike/ped path in Contra Costa County and constructed bike/ped path connections to bridge  
 Air Quality Exempt Code: NON-EXEMPT  
 Route: Post Mile From: Post Mile To: Toll Credits:

Phase		All funding in thousands of dollars				Future Years	Total Programmed
Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20		
PE BT	\$ 8,740						\$ 8,740
ROW BT	\$ 1,344						\$ 1,344
CON BT	\$ 57,410	\$ 5,000					\$ 62,410
CON-CE BT	\$ 1,090						\$ 1,090
<b>Total Programmed Funding:</b>		\$ 5,000					\$ 73,584

End of section



The page left Intentionally blank



Tollway Projects  
**San Francisco-Oakland Bay Bridge**

TIP ID: **ALA150021** County: Alameda System: Tollway RTP ID: 240745 CTIPS ID: 20600005925  
 Sponsor: Caltrans Implementing Agency: Caltrans  
 Project Name: SFOBB Maintenance Complex Ph 3 Training Facility  
 Description: Near Oakland, at the San Francisco Oakland Bay Bridge Toll Plaza Building. Reconstruct maintenance complex training facilities.  
 Air Quality Exempt Code: 2.08 - EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)  
 Route: 80 Post Mile From: 7.7 Post Mile To: 8.9 Toll Credits: \$ 2,226,442

All funding in thousands of dollars								
Phase	Fund Source	Prior Years	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	Future Years	Total Programmed
PE	AC	\$ 4,036						\$ 4,036
ROW	AC	\$ 20						\$ 20
CON	AC	\$ 12,455						\$ 12,455
CON-CE	AC	\$ 2,900						\$ 2,900
<b>Total Programmed Funding:</b>								<b>\$ 19,411</b>

End of section



The page left Intentionally blank

**Indexes of Transit and  
Roadway Project Listings  
by Page Number —  
sorted by Project Name,  
TIP ID, and  
Project Sponsor**

# Index

## Symbols

- 19th Ave. & Parkmerced M-Line Realignment, 24
- 19th St BART to Lake Merritt Urban Greenway, 95
- 37th Street Bicycle & Pedestrian Improvements, 116
- 42nd Ave. & High St. I-880 Access Improv., 86
- 511 Carpool and Vanpool Programs, 208
- 511 Traveler Information, 233
- 7th Street West Oakland Transit Village, Phase II, 92
- 9th St Bicycle Blvd Extension Pathway Ph II, 211

## A

- AC Transit State of Good Repair Program, 1
- AC Transit: East Bay Bus Rapid Transit, 2
- AC Transit: Facilities Upgrade, 1
- AC Transit: Paratransit Van Replacement, 3
- AC Transit: PM - Exchange for 40ft Fuel Cell ZEB, 3
- AC Transit: Procure (27) 60' Artic Hybrid Buses, 1
- AC Transit: Purchase (10) 40' Buses-Fuel Cell ZEB, 3
- AC Transit: Purchase (10) Double-Deck Diesel Buses, 2
- AC Transit: Replace (10) 40ft Urban Buses-Diesels, 3
- AC Transit: Replace (29) 60' Artic Buses - Diesels, 3
- AC Transit: Richmond Prkwy Transit Center, 4
- AC Transit: South County Corridors, 2
- ACE Positive Train Control, 39
- ACE Preventative Maintenance, 39
- ACE Track Improvements., 39
- ACIS Radio Communications System, 15
- ADA Paratransit Capital Accessibility Improve, 7

- Additional Light Rail Vehicles to Expand Muni Rail, 21
- Adobe Creek/ Highway 101 Bicycle Pedestrian Bridge, 166
- Airport Boulevard Rehabilitation, 132
- ALA-880 Express Lanes, 239
- ALA/CC-80 and Bay Bridge Approach Express Lanes, 240
- Alameda City Complete Streets, 79
- Alameda Co-Various Streets and Roads Preservation, 80
- Alameda County Safe Routes to School, 90
- Alameda: Vasco Road Safety Improvements, 79
- Allison Bicycle / Ped Improvements, 186
- Arastradero Road Schoolscape/Multiuse Trail, 169
- Ashland Avenue Bicycle/Ped Improvements, 90
- Atlas Road - New Bridge and Roadway Extension, 108

## B

- Bailey Road Bike and Pedestrian Improvements, 114
- Bailey Road-State Route 4 Interchange, 114
- BART - Berryessa to San Jose Extension, 33
- BART - Warm Springs to Berryessa Extension, 35
- BART Car Exchange (Preventive Maintenance), 9
- BART Metro Priority Track Elements, 6
- BART Station Modernization Program, 8
- BART to Livermore Extension - Develop EIR/EIS, 6
- BART Train Control Renovation, 7
- BART/MUNI Direct Connection Platform, 10
- BART: Fare Collection Equipment, 5
- BART: Preventive Maintenance, 9-10
- BART: Rail, Way and Structures Program, 7
- BART: Railcar Procurement Program, 9
- BART: Traction Power System Renovation, 7

- Bay Bridge Park, 84  
 Bay Rd Bicycle/Ped Improvements Phase II & III, 158  
 Bay Trail Reach 9 & 9B, 175  
 Bay Trail Shoreline Access Staging Area Project, 211  
 Bayfront Park Recreational Bay Access Pier Rehab, 215  
 Bayview Transportation Improvements, 140  
 Be Oakland, Be Active, 89  
 Bell Rd/Market St/Windsor River Rd Ped Improvement, 199  
 Belmont Village Specific/Implementation Plan, 153  
 Berryessa BART Urban Village Plan, 172  
 Bicycle Lockers at Capitol Corridor Stations, 6  
 Blomquist Street Extension, 154  
 Bodega Bay Trail Segments 1B and 1C, 198  
 Bodega Highway Pavement Rehabilitation, 194  
 Bolinas Avenue and Sir Francis Drake Intersection, 123  
 Bollinger Canyon Road Widening (Alcosta to SRVB), 110  
 Boyd Road/Elinora Drive SRTS Sidewalk Installation, 116  
 Breuner Marsh Restoration and Public Access, 213  
 Bus Replacement (Alternative Fuel), 61  
 Bus Replacement (Commuter), 62  
 Byron Highway - Vasco Road Connection, 106
- C**
- Cable Car Traction Power & Guideway Rehab, 28  
 California Boulevard Roundabouts, 131  
 California Inter-regional Rail Intermodal Study, 97  
 Caltrain Control Point Installation, 13  
 Caltrain Electrification, 12  
 Caltrain Off-peak Marketing Campaign, 14  
 Caltrain Positive Train Control System, 11  
 Caltrain South Terminal Phase II and III, 13  
 Caltrain Station Management Toolbox, 11  
 Caltrain: ADA Operating Set-aside, 13  
 Caltrain: Revenue Vehicle Rehab Program, 11  
 Caltrain: Signal/Communication Rehab. & Upgrades, 13  
 Caltrain: Systemwide Track Rehab & Related Struct., 12  
 Canal Road Bicycle and Pedestrian Facilities, 114  
 Capitol Expressway ITS and Bike/Ped Improvements, 177  
 Capitol Expressway LRT Extension- Phase II, 33  
 Carolan Ave Complete Streets and Road Diet, 153  
 CC County - Rio Vista Elementary Ped Connection, 115  
 CC I-680 Southern Segment Express Lanes, 239  
 CC-680 Northern Segment Express Lane - Northbound, 239  
 CC-680 Northern Segment Express Lane - Southbound, 239  
 CCCTA - Replace 15 40' Buses, 41  
 CCCTA - Replace 18 40' Buses, 41  
 CCCTA: Access Improvements Implementation, 41  
 CCCTA: ADA Paratransit Assistance, 42  
 CCCTA: Replace 3 Paratransit Vans, 42  
 CCCTA: Replace 13 35' Buses, 41  
 CCCTA: Replace 18 30' Buses, 41  
 CCTA - Carshare 4 All, 106  
 Central Avenue Railroad Overpass at UPRR, 84  
 Central Bay Operations and Maintenance Facility, 66  
 Central Marin Ferry Access Improvements, 128  
 Central Sonoma Valley Trail, 198  
 Cherryland/Ashland/CastroValley/Fairview SidwIkImp, 89  
 City of Hayward Car Sharing Services, 83  
 City of San Mateo Car Sharing Program, 155  
 City of San Mateo SR2S Program, 162  
 Clayton Various Streets Preservation, 104  
 Climate Initiatives Program Public Education, 233  
 Clipper Fare Collection System, 50  
 Cloverdale - Safe Routes to School Phase 2, 197  
 Coleman Avenue Widening from I-880 to Taylor St., 170  
 Commerce Avenue Extension, 104  
 Complete Streets for San Pablo Ave/Buchanan St., 90

- Concord BART Station Bike/Ped Access Improvements, 105
- Concord Clayton Road/Treat Blvd Intersection Imps., 104
- Concord New and Upgraded Signals at Various Loc, 113
- Concord Various Street Preservation, 105
- Concord Yard Wheel Truing Facility, 9
- Conde Ln/Johnson St Pedestrian Improvements, 199
- Construct Treasure Island Bus Terminal Facility, 58
- Conta Costa Parks Bike/Ped Trail Improvements, 213
- Contra Costa Blvd. Improvement (Beth to Harriet), 116
- Contra Costa County Various Streets & Road Preserv, 106
- Cordelia Hills Sky Valley, 181
- Corridor Mobility Program & Adaptive Ramp Metering, 72
- Cotati - Old Redwood Highway S. Preservation, 191
- Coyote Creek Trail (Hwy 237-Story Rd), 225
- Cross Alameda Trail (includes SRTS component), 89
- Crow Canyon Safety Improvements, 79
- Crow Canyon/Camino Tassajara Intersection Imps, 107
- D**
- Daly City BART Station Intermodal Improvements, 10
- Daly City Central Corridor Bike/Ped Safety Imprmnt, 158
- Danville Various Streets and Roads Preservation, 107
- Del Norte Area TOD Complete Street Imps, 113
- DeLong Avenue and Ignacio Boulevard Resurfacing, 123
- Detroit Avenue Bicycle and Pedestrian Improvements, 113
- Devlin Road and Vine Trail Extension, 131
- Dixon SR2S Infrastructure Improvements, 185
- Donahue Street Road Rehabilitation Project, 122
- Dougherty Road widening, 81
- Downtown Berkeley BART Plaza/Transit Area Imps., 5
- Downtown San Jose Bike Lanes and De-couplet, 170
- Downtown Santa Rosa Streetscape, 197
- Driftwood Drive Path, 186
- Dublin Blvd Transit Performance Initiative, 46
- Dublin Blvd. - North Canyons Pkwy Extension, 82
- Dublin Boulevard Preservation, 82
- Dublin Boulevard widening, 81
- Dumbarton Bridge to US101 Connection Study, 150
- E**
- E-BART - East Contra Costa Rail Extension, 8
- East Bay Greenway, 211
- East San Jose Bikeways, 171
- East San Jose Pedestrian Improvements, 176
- East-West Connector in Fremont & Union City, 72
- eBART Railroad Avenue Station, 8
- ECCTA: Non-ADA Paratransit to FR Incentive Program, 43
- ECCTA: Transit Bus Replacements, 42
- Eddy and Ellis Traffic Calming Improvement Project, 147
- El Camino Real Bus Rapid Transit, 35
- Electric Vehicle Funding Strategies, 233
- Embarcadero Corridor Transportation Improvements, 57
- Emeryville - Hollis Street Preservation, 82
- Enterprise Drive Complete Streets and Road Diet, 84
- Estuary Bridges Seismic Retrofit and Repairs, 80
- Eucalyptus Drive Realignment Complete Streets, 131
- Extended Trolleybus Service into Hunters Point, 22
- F**
- Facility/Equipment Rehabilitation/Replacement, 29

Fair Oaks Avenue Bikeway and Street Enhancements, 174  
 Fairfield Transit: 2 Gillig Bus Replacements, 44  
 Fairfield Transportation Center - Phase 3, 43  
 Fairfield-Suisun Transit: Operating Assistance, 44  
 Fairfield/Vacaville Intermodal Rail Station, 43  
 Ferry channel & berth dredging, 17, 67  
 Ferry Service - Berkeley/Albany, 66  
 Ferry Service to Port Sonoma, 54  
 Freeway Performance Initiative (FPI), 207  
 Fremont City Center Multi-Modal Improvements, 83  
 Fruitvale Ave Roadway Bridge Retrofit, 80  
 FSP and Call Box Program, 207

## G

Garnett Bridge Greenwood Ave, 133  
 Geary Bus Rapid Transit, 57  
 Geneva Harney BRT Infrastructure: Central Segment, 22  
 GGBHTD - Transit Systems Enhancements, 16  
 GGBHTD Ferry Major Components Rehab, 17  
 GGBHTD Ferry Propulsion Systems Replacement, 17  
 GGBHTD: Bldg Ridership to Meet Capacity Campaign, 16  
 GGBHTD: Facilities Rehabilitation, 15  
 GGBHTD: Fixed Guideway Connectors, 15  
 GGBHTD: On-Board Bus and Ferry Surveys, 16  
 GGBHTD: Replace 7 - 40' Diesel Buses, 15  
 Gilroy Moves!, 177  
 Gilroy New Ronan Channel and Lions Creek Trails, 175  
 GL: 5307 JARC Set-aside FY13-FY14 Large UA, 51  
 GL: Bridge Rehab and Reconstruction - SHOPP, 202  
 GL: Bridge Rehab/Recon. - Local Hwy Bridge Program, 203  
 GL: Elderly & Persons with Disability Program, 40  
 GL: Elderly&Persons with Disability Prog FY13-FY14, 40  
 GL: Emergency Repair - SHOPP Emergency Response, 202  
 GL: FTA 5311 Rural Area FY15, 40  
 GL: FTA 5311 Rural Area FY16, 52  
 GL: FTA Non-Urbanized Formula Program, 39  
 GL: FY10 JARC Mobility Management, 51  
 GL: Highway Safety Improvement Program, 201  
 GL: JARC FY11-FY12 Large UA, 51  
 GL: JARC FY12 Small UA & Rural, 51  
 GL: JARC FY 09 - FY 10 - Large UA, 50  
 GL: Lifeline Cycle 4 5307 JARC, 51  
 GL: New Freedom FY12 Large UA, 52  
 GL: New Freedom FY12 Small UA & Rural, 52  
 GL: Pavement Resurf./Rehab - SHOPP Roadway Presv., 201  
 GL: Pavement Resurfacing/Rehab SHS - Highway Maint, 201  
 GL: Safety Improvements - SHOPP Mandates, 202  
 GL: Safety Improvements - SHOPP Mobility Program, 201  
 GL: Safety Improvements - SRTS, 205  
 GL: Safety Imprv. - SHOPP Collision Reduction, 201  
 GL: Shoulder Imprv - SHOPP Roadside Preservation, 202  
 Global Positioning System, 27  
 goBerkeley Residential Shared Parking Pilot, 81  
 Golden Gate Bridge Seismic Retrofit, Ph: 1-3A, 237  
 Golden Gate Bridge Seismic Retrofit, Phase 3B, 237  
 Golden Gate Bridge-Suicide Deterrent SafetyBarrier, 237  
 Golf Club Rd Roundabout and Bike/Ped Improvements, 110  
 Grand Avenue Bicycle Pedestrian Improvements, 127  
 Great Highway Restoration, 141

## H

Hardin Rd Bridge Replacement - 21C0058, 132  
 Harney Way Roadway Widening, 141  
 Hayward - Industrial Boulevard Preservation, 83  
 Hayward Shop and Yard Expansion, 5

- Healdsburg Pedestrian Safety and Access Improvments, 197  
 Hearst Avenue Complete Streets, 81  
 Hercules Intercity Rail Station, 44  
 Hercules-Refugio Valley Road Pavement Preservation, 108  
 Highway 29/Napa Creek Bicycle Path Upgrade, 219  
 Highway 101 Landscaping for Gap Closure Project, 119  
 Highway 116/121 Intersection Improvement Project, 189  
 Historic Streetcar Extension to Fort Mason, 20  
 HOPE SF Street Grid Phase 1, 146  
 Hopper Creek Pedestrian Bridge and Path Project, 219  
 HOV Lanes on US 101 in SF - Project Development, 137  
 Hunters Pt Shipyard and Candlestick Pt Local Roads, 141  
 Hwy 1 Congestion throughput and safety improvement, 149  
 Hwy 29 Grayson Ave. Signal Construction, 129
- I**
- I-80 / American Canyon Rd overpass Improvements, 180  
 I-80 Express Lanes - Fairfield & Vacaville Ph I&II, 180  
 I-80 Gilman Interchange Reconfiguration, 71  
 I-80/Ashby Avenue Interchange Improvements, 71  
 I-80/Central Avenue Interchange Modification, 99  
 I-80/I-680/SR 12 Interchange Project, 179  
 I-505/Vaca Valley Off-Ramp and Intersection Imprv., 180  
 I-580/680 Interchange HOV/HOT Widening, 73  
 I-680 / SR 4 Interchange Reconstruction - Phase 3, 99  
 I-680 NB HOV Lane Extension, 101  
 I-680 NB HOV/HOT Lane, 73  
 I-680 SB HOV Lane Completion, 101  
 I-680 Soundwalls - Capitol Expwy to Mueller Ave, 167  
 I-680/SR 4 I/C Reconstruction - Phases 1, 2, 4 & 5, 100  
 I-880 Auxiliary lanes at Industrial Parkway, 74  
 I-880 Coleman Avenue I/C Reconfiguration, 167  
 I-880 NB and SB Auxiliary lanes, 74  
 I-880 NB HOV/HOT: North of Hacienda to Hegenberger, 75  
 I-880 North Safety Improvements, 76  
 I-880 SB HOV Lanes - Marina Blvd to Hegenberger, 74  
 I-880 Stevens Creek Landscaping, 167  
 I-880/Industrial Parkway West Interchange, 75  
 I-880/Marina Blvd Interchange and Overcrossing Rep, 74  
 I-880/SR 112 Overcrossing Replacement, 76  
 I-880/SR 262 I/C and HOV lanes, 76  
 I-880/West Winton Avenue Interchange, 75  
 I-880/Whipple Road Interchange Improvements, 75  
 Implement Parkmerced Street Network, 142  
 Implementation of Reimagining CityBus, 60  
 Improve US 101 operations near Rte 92, 152  
 Improved Bike/Ped Access to East Span of SFOBB, 91  
 Incident Management Program, 207  
 Ingraining Walking & Rolling into School Culture, 185  
 Integrated Public-Private Partnership TDM Program, 139  
 International Boulevard Improvement Project, 93  
 Isabel Bridge Replacement (37C0089), 173  
 Islais Creek Motor Coach Facility, 27
- J**
- Jackson Ave Bicycle and Pedestrian Improvements, 176  
 Jaguar Way/Windsor Road Bicycle /Ped Improvements, 199  
 Jennings Ave Bike & Ped RR Crossing Corridor, 198  
 Jepson: Leisure Town Road (Commerce to New Ulatis), 182  
 Jepson: Leisure Town Road from Vanden to Commerce, 182



Jepson: Vanden Road from Peabody to Leisure Town, 181  
 Jepson: Walters Rd Ext - Peabody Rd Widening, 182  
 John Daly Boulevard Bicycle /Ped Improvements, 158  
 John Muir Parkway Extension: Ph. II, 104  
 John Yehall Chin Safe Routes to School, 147

**K**

Kirker Pass Road NB Truck Climbing Lanes, 106

**L**

Ladders of Opportunity - Careers in Transit, 6  
 Lake Merritt BART Bikeways, 85  
 Lake Merritt Improvement Project, 92  
 Lake Merritt to Bay Trail Bike/Ped Bridge, 92  
 Lakeside Complete Streets and Road Diet, 93  
 Larkspur Ferry Terminal Parking Garage, 16  
 Laughlin Bridge over Mark West Crk 20C0246, 192  
 Laurel Access to Mills, Maxwell Park and Seminary, 93  
 Laurel Road Extension, 103  
 LAVTA: 5 40' Hybrids, 45  
 LAVTA: ADA Paratransit Operating Subsidy, 47  
 LAVTA: Bus Purchase-7 Hybrids, 45  
 LAVTA: Bus Purchase-Low Floor, 45  
 LAVTA: Bus Purchase-Over the Road, 45  
 LAVTA: Farebox Replacement, 47  
 LAVTA: Preventive Maintenance, 45  
 LAVTA: Replacement (10) 30' Hybrid Buses, 46  
 LAVTA: Replacement (10) 40' Hybrid Buses, 46  
 LAVTA: Service Vehicles (2) Trucks, 46  
 LAVTA: Service Vehicles (3) Road Supervisor, 47  
 LAVTA: Service Vehicles (4) shift trade, 47  
 LAVTA: Trapeze Upgrade, 46  
 LeConte Elementary Safe Routes to School Imps, 91  
 Light Rail Vehicle Overhaul Program, 20  
 Linked Priced Electric Bikesharing, 142  
 Livermore Marilyn Avenue Safe Routes to School, 91  
 Livermore Relocation and Restoration of R/R Depot, 44

Livermore TOD Study at I-580/SR84, 91  
 Local PDA Planning - San Mateo, 156  
 Local PDA Planning - Santa Clara, 173  
 Loma Vista Dr Bridge Replacement - 21C0080, 132  
 Lombard Street Vision Zero Project, 145  
 Lone Tree Way Undercrossing, 103  
 LRT Extension to Vasona Junction, 34

**M**

MacArthur BART Plaza Remodel, 5  
 Main Street (Previously SR4) Realignment in Oakley, 109  
 Manor Drive Overcrossing and Milagra On Ramp, 160  
 Mansell Corridor Complete Streets, 147  
 Map Based Real-Time Train Display for Caltrain.com, 14  
 Marin Transit Low Income Youth Pass Program, 48  
 Martinez Intermodal Station Parking Expansion, 49  
 Martinez Various Streets and Roads Preservation, 108  
 Maude Avenue Bikeway and Streetscape, 174  
 MCTD - Emergency Radio System, 49  
 MCTD - Relocate Transit Maint. Facility - PE only, 48  
 MCTD - Replace 13 -40ft Buses, 49  
 MCTD Preventive Maintenance, 47  
 MCTD- Replace 2 Shuttle Vehicles, 48  
 MCTD: ADA Paratransit Assistance, 48  
 MCTD: On Board Vehicle Equipment, 48  
 Menlo Park - Willow Rd Traffic Signal Modification, 153  
 Menlo Park-Variou Streets Bike /Ped Improvements, 159  
 Midcoast Multi-Modal Trail, 223  
 Middlefield Rd and Woodside Rd Intersection Improv, 160  
 Middlefield Road Bicycle / Ped Improvements, 160  
 Mill Valley - Miller Avenue Rehabilitation, 122  
 Mill Valley-Sausalito Pathway Preservation, 217

Millbrae Priority Development Area Specific Plan, 154  
 Millbrae Various Streets and Roads Preservation, 153  
 Miller Creek Road Bike Lanes and Ped Improvements, 121  
 Mission Bay Ferry Terminal, 57  
 Mission Bay/UCSF Multi-Modal Transportation Imps., 142  
 Mokelumne Trail Bike/Ped Overcrossing, 115  
 Montague Expwy Widening - Trade Zone-I-680, 172  
 Montague Expy Ped Bridge at Milpitas BART, 36  
 Monterey Road Preservation, 169  
 Moraga Rd SRTS Bicycle and Ped Improvements, 115  
 Moraga Various Streets and Roads Preservation, 109  
 Mount Diablo Ave. Rehabilitation, 155  
 Mountain View El Camino Real Streetscape Study, 175  
 Mountain View Rd Bridge Replacement - 27C0154, 121  
 MS Sonoma Ferry Boat Refurbishment, 16

**N**

Napa Valley Vine Trail Calistoga-St. Helena Seg., 133  
 Napa Valley Vine Trail Design and Construction, 135  
 Napa Vine Operating Assistance, 53  
 Napa: Bus Stop Improvements, 52  
 New SR152 Alignment Study, 166  
 Niles Canyon Rd (SR 84)/Pleas-Sunol Rd Inter. Imps, 80  
 Non-motorized Transp. Pilot Program - Marin County, 127  
 Non-motorized Transp. Projects - Marin County, 127  
 North 1st Street Urban Village Plan, 172  
 North Central Pedestrian Improvement Program, 161  
 North Civic Center Drive Improvements, 121  
 Novato Boulevard Widening, Diablo to Grant, 122

NVTA Equipment Replacement and Upgrades, 53  
 NVTA: Replace Rolling Stock, 53

**O**

Oakdale Caltrain Station, 57  
 Oakdale-Palou Interim High-Capacity Bus Corridor, 21  
 Oakland - Peralta and MLK Blvd Streetscape Phase I, 93  
 Oakland Army Base Infrastructure Improvements, 97  
 Oakland Car Share and Outreach Program, 85  
 Oakland Complete Streets, 85  
 Oakland Parking and Mobility Management Project, 85  
 Oakland Safe Routes to Schools Various Locations, 94  
 Oakland to San Jose Double Track (Segment 2A), 40  
 Oakland Waterfront Bay Trail, 92  
 Oakland/Alameda Freeway Access Project, 73  
 Oakland: High/Ygnacio/Courtland Bike/Ped Imprvmnts, 94  
 Oakland: Shattuck and Claremont Bike/Ped Imps, 94  
 Oakland: Telegraph Ave Bike/Ped Imps and Road Diet, 94  
 Oakland: Telegraph Avenue Complete Streets, 95  
 Oakley Various Streets and Roads Preservation, 109  
 Ohlone Greenway Station Area Bike/Ped Improvements, 213  
 Old County Road Bicycle/Pedestrian Improvements, 158  
 Outer Harbor Intermodal Terminals (OHIT), 97

**P**

Palmetto Avenue Streetscape, 154  
 Palo Alto - Citywide Traffic Signal upgrade, 169  
 Park & Ride Lots in Napa County, 53  
 Parkade Circulation and Safety Improvements, 127

- PDA Planning - Airport Station/Specific Plan Amend, 195
- PDA Planning - Springs Area Plan, 194
- Peery Park Rides, 37
- Petaluma Complete Streets, 191
- Petaluma Transit: (3) Digital Two-Way Radios, 55
- Petaluma Transit: ADA Set-Aside, 55
- Petaluma Transit: AVL System, 54
- Petaluma Transit: Purchase (1) Fixed Route Bus, 55
- Petaluma Transit: Purchase (2) Fixed Route Buses, 56
- Petaluma Transit: Transit Signal Priority System, 55
- Petaluma: Purchase 2 Paratransit Cutaways FY13, 54
- Petaluma: Replace 2 Paratransit Cutaways FY14, 54
- PetalumaTransit:Clipper Equip for FixedRoute Buses, 56
- PetalumaTransit:Comm Equip for 3 Fixed Route Buses, 56
- Piedmont Complete Streets (CS), 86
- Pier 70 19th Street & Illinois Street Sidewalk, 145
- Pinole - San Pablo Avenue Preservation, 109
- Pittsburg Multimodal Transit Station Access Imps., 56
- Pleasanton Complete Streets, 86
- Prospect Rd Complete Streets, 174
- Q**
- Quint-Jerrold Connector Road, 140
- R**
- Ralston Avenue Pedestrian Route Improvements, 157
- Real-time Transit Information Program, 50
- Reconfiguration of San Carlos Transit Center, 29
- Reconstruct I-80/San Pablo Dam Rd Interchange, 100
- Redwood City Dwntrwn Transit Area Impvmts-Streetcar, 154
- Redwood City Various Streets Overlay, 154
- Redwood-Fairgrounds Dr Interchange Imps, 179
- Regional Arterial Operations & Signal Timing Prog, 209
- Regional Bicycle Sharing Program, 209
- Regional Express Lane Network, 239-240
- Regional Planning Activities and PPM - Alameda, 84
- Regional Planning Activities and PPM - CC County, 108
- Regional Planning Activities and PPM - Marin, 122
- Regional Planning Activities and PPM - MTC, 210
- Regional Planning Activities and PPM - Napa, 131
- Regional Planning Activities and PPM - San Mateo, 153
- Regional Planning Activities and PPM - Santa Clara, 169
- Regional Planning Activities and PPM - SF County, 139
- Regional Planning Activities and PPM - Solano, 181
- Regional Planning Activities and PPM - Sonoma, 191
- Regional Real-Time Transit Information at BART, 10
- Regional Streets and Roads Program, 209
- Rehab King Ridge Bridge over Austin Crk 20C0433, 192
- REMIX Software Implementation Project, 42
- Replace Bohan Dillon Bridge over Gualala 20C0435, 193
- Replace Chalk Hill Bridge over Maacama Crk 20C0242, 193
- Replace Diesel Trolleys with Electric TrolleyBuses, 40
- Replace Freestone Flat Bridge over Salmon 20C0440, 194
- Replace Geysers Bridge over Sulpher Crk 20C0005, 192
- Replace Hauser Bridge over Gualala River 20C0240, 194
- Replace Lambert Bridge over Dry Creek 20C0248, 193
- Replace West Dry Creek Bridge over Pena Ck 20C0407, 193

- Richmond Ferry Service, 66  
 Richmond Local Streets and Roads Preservation, 110  
 Richmond Transit Village: Nevin Imps BART-19th, 116  
 Richmond-San Rafael Bridge Access Improvements, 241  
 Rohnert Park Streetscape and Pedestrian Imps, 197  
 Rohnert Park Various Streets Preservation, 191  
 Route 1 improvements in Half Moon Bay, 149  
 Route 84 widening, Pigeon Pass to I-680, 72  
 Rt 92/Clawiter/Whitesell Interchange Improvements, 72  
 Rumrill Blvd Complete Streets Improvements, 110  
 RWC 2020 Sustainable Transportation Encouragement, 162
- S**
- Safe Routes to School for Health and Wellness, 162  
 Safe Routes to School, Unincorporated Alameda Co., 89  
 Safe Routes to Transit, 50  
 SamTrans - Purchase of Replacement Minivans, 31  
 Samtrans - Replace 62 1998 Gillig Buses, 29  
 SamTrans - Replacement of Cutaway Buses, 30  
 SamTrans - Replacement of Non-Rev Vehicles, 30  
 SamTrans Service Plan (SSP), 30  
 SAMTRANS: ADA Paratransit Operating Subsidy, 31  
 SAMTRANS: Preventive Maintenance, 29  
 SAMTRANS: Replacement of 2003 Gillig Buses, 30  
 SAMTRANS: Replacement of Articulated Bus Fleet, 30  
 San Anselmo - Center Blvd Bridge Replace (27C0079), 123  
 San Bruno Ave Street Medians Improvements, 161  
 San Bruno Transit Corridor Pedestrian Imps, 160  
 San Carlos Streetscape and Ped Improvments, 157  
 San Francisco Citywide Bicycle Wayfinding, 143  
 San Francisco Safe Routes to School (ATP), 146  
 San Francisco Safer Streets Campaign, 148  
 San Francisco Travel Smart Rewards Pilot Program, 58  
 San Francisco Vision Zero Safety Investment, 148  
 San Jose - Autumn Street Extension, 170  
 San Jose - Meridian Bike/Ped Improvements, 171  
 San Jose Charcot Avenue Extension Over I-880, 170  
 San Jose Citywide SRTS Program, 171  
 San Jose International Airport People Mover, 58  
 San Jose Pedestrian Oriented Traffic Signals, 176  
 San Jose: Los Gatos Creek Reach 5 Underpass, 176  
 San Leandro Boulevard Preservation, 87  
 San Mateo Bridges Replacement, 12  
 San Mateo Citywide Crosswalk Improvements, 161  
 San Mateo County SR2S Program, 162  
 San Mateo Countywide ITS Improvements, 155  
 San Mateo Downtown Parking Tech Implementation, 155  
 San Pablo Avenue Bicycle and Ped Improvements, 117  
 San Rafael - Non-motorized Transport Pilot Program, 127  
 San Rafael Transit Center Pedestrian Access Imps., 124  
 San Rafael Various Streets and Roads Preservation, 124  
 San Ramon Valley Blvd Lane Addition and Overlay, 107  
 San Tomas Aquino Spur Multi-Use Trail Phase 2, 177  
 San Tomas Expressway Box Culvert Rehabilitation, 172  
 San Tomas Expressway Widening, 173  
 Santa Clara Caltrain Station Bike/Ped Tunnel, 177  
 Santa Clara County - US 101 Express Lanes, 165

- Santa Rosa Car Share, 195
- Santa Rosa City Bus Replacement Bus Purchase, 59
- Santa Rosa CityBus: Operating Assistance, 59
- Santa Rosa CityBus: Preventative Maintenance, 59
- Santa Rosa Cmplt Sts Road Diet on Transit Corridor, 192
- SantaRosa Bus: Bus Replacement Purchase, 60
- Saratoga Village Sidewalk Rehabilitation, 175
- Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps, 124
- SB I-280 Off-Ramp at Ocean Ave Realignment, 145
- Semicircular Rd Bicycle / Ped Access Improvements, 162
- SF Bay Trail, Pinole Shores to Bay Front Park, 213
- SF Downtown Congestion Pricing (NE Cordon), 140
- SF Ferry Terminal/Berthing Facilities, 66
- SF Muni Rail Replacement Program, 26
- SF Muni Third St LRT Phase 2 - New Central Subway, 19
- SF Safe Routes to School 2017-2019, 146
- SF SRTS Non-Infrastructure Program, 145
- SF- Better Market Street Transportation Elements, 141
- SF- Broadway Chinatown Complete Streets, 147
- SF- Second Street Complete Streets and Road Diet, 146
- SFGO-Corridor Management, 137
- SFMTA 30' Motor Coach Mid-Life Overhaul, 25
- SFMTA - Replacement of 40' Motor Coaches, 24
- SFMTA Farebox Replacement, 25
- SFMTA Replacement of 60' Motor Coaches, 25
- SFMTA Station-Area Ped and Bicycle Access Imp., 148
- SFMTA Transportation Asset Management System, 23
- SFMTA: ADA Paratransit operating support, 27
- SFMTA: Cable Car Vehicle Renovation Program, 26
- SFMTA: Muni Forward Capital Implementation Program, 23
- SFMTA: Paratransit Vehicle Replacements, 23
- SFMTA: Purchase 60 foot expansion motor coaches, 24
- SFMTA: Replace 58 40' Neoplan Buses, 24
- SFMTA: Replacement of 40' Trolley Coaches, 25
- SFMTA: Trolley Coach Replacement, 21
- SFMTA: Trolley Overhead Recon. Program, 26
- SFMTA: Wayside Fare Collection Equipment, 19
- SFMTA:Train Control & Trolley Signal Rehab/Replace, 19
- SFOBB Maintenance Complex Ph 3 Training Facility, 243
- Shattuck Complete Streets and De-couplet, 90
- Silverado Trail Phase G Rehab, 133
- Silverado Trail Phase H Rehab, 132
- Silverado Trail Yountville-Napa Safety Improvement, 133
- Slatten Ranch Road Extension, 103
- Solano Safe Routes to School Program, 185
- SolTrans: ADA Paratransit Operating Subsidy, 61
- SolTrans: Bus Maintenance Facility Renovation, 61
- SolTrans: Operating Assistance, 61
- SolTrans: Preventive Maintenance, 60
- Son 101 HOV - Redwood Hwy to Rohnert Park Expwy, 187
- Son 101 HOV - SR 12 to Steele & Steele Lane I/C, 187
- Sonoma Boulevard Improvements HSIP5-04-031, 179
- Sonoma Co Transit: Preventive Maintenance Program, 62
- Sonoma County - Safe Routes to School Program, 198
- Sonoma County Transit: Bus Stop Improvement, 62
- Sonoma County Transit: Replace 2006 CNG Buses, 63
- Sonoma County Transit: Replacement Bus Purchase, 62
- Sonoma County Transit: Replacement CNG Buses, 63
- Sonoma County Various Streets & Roads Preservation, 194
- Sonoma Marin Area Rail Corridor, 63
- Sonoma SRTS High School Pilot, 195

- Southeast Waterfront Transportation Improvements, 142  
 Southern Skyline Blvd. Ridge Trail Extension, 221  
 SR City Bus: Garage Hoist for Bus Repairs, 60  
 SR2T - Curtola Bike Path, 183  
 SR4/Brentwood Boulevard Widening - North (Phase I), 103  
 SR4: Balfour Road Interchange, 99  
 SR12/Church Rd Intersection Improvements, 180  
 SR92/El Camino Real (SR82) Ramp Modifications, 150  
 SR 1 - Fassler to Westport Drive Widening, 149  
 SR 4 Integrated Corridor Management, 231  
 SR 12 (Jamieson Canyon Road) Widening, 129  
 SR 12 crossing with updated lighting, 185  
 SR 12/29/221 Soscol Junction Interchange Study, 129  
 SR 82 - El Camino Real Grand Boulevard Initiative, 157  
 SR 84 Expressway Widening, 71  
 SR 85 Express Lanes, 165  
 SR 92 Shoulder Widening & Curve Correction, 150  
 SR 128 and Petrified Forest Intersection Imp, 130  
 SR 185- E. 14th St/ Hesperian Blvd/150th Ave, 87  
 SR 237 Express Lanes : Mathilda Avenue to SR 85, 166  
 SR 237 Express Lanes: Zanker Rd to Mathilda Ave, 166  
 SR 237/US 101/Mathilda Interchange Modifications, 173  
 SR 239 - New State Highway Study, 100  
 SR-35 (Skyline Blvd) Widening from I-280 to Sneath, 149  
 SRCityBus Non-Revenue Vehicle and Capital Equipmnt, 60  
 SSF Citywide Sidewalk Gap Closure Project, 163  
 SSF Grand Blvd Project: Chestnut to Arroyo, 157  
 SSF Grand Blvd Project: Kaiser Way to McLellan, 150  
 SSF Linden/Spruce Ave Traffic Calming Improvements, 163  
 St. Johns Bikeway and Pedestrian Improvements, 171  
 STA SR2S Infrastructure & Non-infrastructure, 186  
 State Route 262 (Mission Blvd) Improvements, 73  
 Suisun Vallley Bicycle and Pedestrian Imps, 181  
 Sunny Hill Ridge and Red Hill Trails, 215  
 Sunnyvale East and West Channel Multi-UseTrails, 225  
 Sunnyvale SRTS Ped Infrastructure Improvements, 178  
 Sunnyvale/Saratoga Traffic Signal, Bike/Ped Safety, 178
- T**
- TAM - Car Share Canal, 125  
 TAM - Non-motorized Transportation Pilot Program, 124  
 The Yellow Brick Road in Richmond's Iron Triangle, 117  
 Toll Bridge Maintenance, 235  
 Toll Bridge Rehabilitation Program, 235  
 Transbay Term/Caltrain Downtown Ext - Ph.1, 64  
 Transbay Terminal/Caltrain Downtown Ext: Ph. 2, 64  
 Transbay Transit Center - TIFIA Loan Debt Service, 64  
 Transit Center in Hunters Point, 21  
 Transit Commute Benefits Promotion, 49  
 Transit Marketing and Public Outreach, 65  
 Transit Oriented Affordable Housing, 209  
 Transit-Oriented Development Pilot Planning Progra, 9  
 Transportation Management Systems, 208  
 Treasure Is/Yerba Buena Is Street Improvements, 139  
 Treasure Island Congestion Pricing Program, 139  
 Treasure Island Ferry Service, 67  
 Treasure Island Pricing Mobility Improvements, 58  
 Tri-Delta: ADA Operating Assistance, 42

Truck Parking Facilities in North County (Phase I), 77  
Twin Peaks Connectivity Planning, 148

## U

UC Berkeley Parking Price Auction Study, 87  
Union City Transit Rehab Two (2) Transit Buses, 65  
Union City Transit: Single Point Login Terminals, 65  
US101/Holly Interchange modification, 151  
US 101 / Blossom Hill I/C Reconst & Road Widening, 165  
US 101 / Greenbrae Interchange Corridor Impts., 119  
US 101 / Mabury New Interchange, 165  
US 101 / Woodside Interchange Improvement, 151  
US 101 Airport I/C (North B), 188  
US 101 Aux lanes from Sierra Point to SF Cnty Line, 152  
US 101 Doyle Drive Replacement, 138  
US 101 Hearn Ave Interchange, 188  
US 101 Holly Pedestrian/Bicycle Overcrossing, 161  
US 101 HOV Lanes - Marin-Sonoma Narrows (Marin), 119  
US 101 HOV/ HOT from Santa Clara to I-380, 152  
US 101 Marin/Sonoma Narrows (Sonoma), 188  
US 101 Millbrae Ave Bike/Ped Bridge, 159  
US 101 University Ave Interchange Improvements, 159  
US 101/Candlestick Interchange, 151  
US 101/Produce Avenue Interchange, 152  
US-101 Pedestrian/Bicycle Overcrossing, 159

## V

Vacaville Intermodal Station - Phase 2, 65  
Vacaville Transit: Operating Assistance, 65  
Vallejo Downtown Streetscape, 186  
Vallejo SRTS Infrastructure Improvements, 182  
Van Ness Avenue Bus Rapid Transit, 20  
Vasco Road Safety Improvements, 79, 105  
Vineyard Road Improvements, 123

Vista Grande Street Pedestrian Improvements/SR2S, 115  
VTA Track Intrusion Abatement, 37  
VTA Train to Wayside Communication System Upgrade, 37  
VTA: ADA Operating Set Aside, 34  
VTA: Back-up Power for Elevated Stations, 37  
VTA: Kinkisharyo LRV Overhaul Program, 36  
VTA: Light Rail Bridge and Structure - SG Repair, 36  
VTA: Light Rail Track Crossovers and Switches, 36  
VTA: N 1st Street LR Speed Improvements, 37  
VTA: Photovoltaic Solar Panel Alternative Energy, 34  
VTA: Preventive Maintenance, 38  
VTA: Rail Replacement Program, 33  
VTA: Rail Substation Rehab/Replacement, 34  
VTA: Standard & Small Bus Replacement, 33  
VTA: Stevens Creek Bus Rapid Transit, 35  
VTA: TP OCS Rehab & Replacement, 35

## W

Walnut Creek - North Main Street Preservation, 111  
Walnut Creek BART TOD Access Improvements, 8  
Walnut Creek-Parking Guidance System Pilot, 111  
WCCTA: Preventive Maintenance Program, 69  
WestCAT - AVL System with APC Element., 70  
WestCat: ADA Paratransit Operating Subsidy, 70  
WestCAT: Purchase (1) Fast Fare Electronic Farebox, 70  
WestCAT: Purchase of (2) Electronic Fareboxes, 69  
WestCAT: Purchase of (10) Radio systems, 69  
WestCAT: Replace (1) 40ft Rev. Vehicle with 45ft, 70  
WestCAT: Replace (1) 1998 40 ft Vehicle, 70  
WestCAT: Replace (1) 2003 40ft Revenue Vehicle, 69  
WestCAT: Replacement of (10) Paratransit Cut-Aways, 69  
WETA: Ferry Channel & Berth Dredging, 67

---

WETA: Ferry Major Component  
Rehab/Replacement, 67

WETA: Ferry Propulsion System Replacement,  
67

WETA: Fixed Guideway Connectors, 68

WETA: Redwood City Ferry Service, 68

WETA: Replace Ferry Vessels, 68

Wheels Individualized Marketing Program, 83

Widen I-680 NB and SB for EL from SR-84 to  
Alcosta, 77

Widen Kato Rd from Warren Avenue to Milmont  
Drive, 82

Windsor River Road/Windsor Road/NWPRR  
Intersection, 195

**Y**

Yerba Buena Island (YBI) Ramp Improvements,  
137

Ygnacio Valley/Kirker Pass Roads Widening, 105



# Index

## A

ACTC/Oakland/Alameda, 73  
 Alameda (City), 79, 89  
 Alameda Contra Costa Transit District (AC Transit), 1-4  
 Alameda County, 2, 71-98, 211-212  
 Alameda County Transportation Commission (ACTC), 71-77, 90, 211  
 Albany, 66, 90  
 Altamont Commuter Express (ACE), 39  
 American Canyon, 53, 131, 180  
 Antioch, 8, 103, 231

## B

Bay Area Infrastructure Financing Authority(BAIFA), 239-240  
 Bay Area Rapid Transit District (BART), 5-10, 58  
 Belmont, 153, 157-158  
 Berkeley, 5, 66, 71, 81, 87, 90-91, 211  
 Brentwood, 99-100, 103-104, 106, 115  
 Brisbane, 151  
 Burlingame, 153

## C

Calistoga, 53, 130, 133  
 Caltrain, 11-14, 29, 40, 57-58, 64, 140, 177  
 Caltrans, 39-40, 74-76, 84, 91, 119, 129, 131, 138, 149, 151-152, 187-188, 201-203, 205, 207, 227, 229, 243  
 Central Contra Costa Transit Agency (CCCTA), 40-42  
 Clayton, 104, 113  
 Cloverdale, 197  
 Concord, 9, 51, 101, 104-105, 113  
 Contra Costa County, 8, 79, 99-118, 213-214, 231-232, 239, 241  
 Contra Costa Transportation Authority (CCTA), 99-101, 106, 115, 231

Cotati, 191

## D

Daly City, 10, 22, 158  
 Danville, 107, 115  
 Dixon, 185, 239  
 Dublin, 6, 46, 81-82, 147

## E

East Bay Regional Park District (EBRPD), 108, 213  
 East Palo Alto, 150, 158-159  
 Eastern Contra Costa Transit Agency (Tri Delta), 42-43  
 El Cerrito, 106, 113, 213  
 Emeryville, 82, 92

## F

Fairfax, 127  
 Fairfield, 43-44, 179-181  
 Fairfield-Suisun Transit, 44  
 Fremont, 72-73, 82-83

## G

Gilroy, 12, 175, 177  
 Golden Gate Bridge, Highway and Transit District, 15-18, 237

## H

Half Moon Bay, 149-150  
 Hayward, 5, 72, 74-75, 83, 211  
 Healdsburg, 197  
 Hercules, 44, 108, 231

## L

Livermore, 6, 44-47, 71, 79, 83, 91  
 Livermore Amador Valley Transit (LAVTA), 45-47, 83

**M**

Marin County, 17, 47-49, 119-128, 215-218, 237  
 Marin County Transit District, 47-49  
 Martinez, 49, 108, 239  
 Menlo Park, 151, 153, 159  
 Metropolitan Transportation Commission (MTC),  
 49-52, 84, 91, 108, 122, 131, 139, 153, 169,  
 180-181, 191, 207-210, 233, 235, 241  
 Metropolitan Transportation Commission - SAFE,  
 207  
 Mill Valley, 122, 215, 217  
 Millbrae, 6, 153-154, 159  
 Moraga, 86, 109, 115  
 Morgan Hill, 165, 169  
 Mountain View, 121, 165, 175

**N**

Napa (City), 131, 219  
 Napa County, 52-53, 129-136, 219-220  
 Napa Valley Transportation Authority, 52-53,  
 129, 131, 133, 135  
 Napa Vine, 52-53  
 Newark, 84  
 North Bay Ferry Service, 54  
 Novato, 119, 122-123, 188

**O**

Oakland, 2, 5, 9-10, 40, 73-74, 76, 80, 84-86,  
 89, 91-95, 97, 106, 243-244  
 Oakley, 109

**P**

Pacifica, 115, 149, 154, 160  
 Palo Alto, 150, 158-159, 165-166, 169  
 Petaluma, 54-56, 119, 187-188, 191  
 Piedmont, 86  
 Pinole, 108-109, 213  
 Pittsburg, 8, 56  
 Pleasant Hill, 101, 106, 110, 116  
 Pleasanton, 80, 86  
 Port of Oakland, 86, 97  
 Port of San Francisco, 57, 145

**R**

Redwood City, 68, 151, 154, 160, 162  
 Richmond, 4, 66, 99, 106, 108, 110, 116-117,  
 213, 241-242  
 Rio Vista, 115, 180, 185-186  
 Rohnert Park, 187, 191, 197  
 Ross, 123, 192-193

**S**

San Anselmo, 123, 215  
 San Bruno, 149, 160-161  
 San Carlos, 13, 29, 151, 157-158, 161, 170  
 San Francisco City/County, 221  
 San Francisco County Transport Authority  
 (SFCTA), 57-58, 137-140, 145  
 San Francisco Depart of Public Health (SFDPH),  
 145-146  
 San Francisco Dept of Public Works (SFDPW),  
 140-142, 145-147  
 San Francisco Municipal Transport Agency  
 (SFMTA), 19-28, 137, 142-143, 147-148  
 San Jose, 33, 35, 39-40, 51, 58, 165, 167,  
 170-172, 175-177, 225  
 San Leandro, 2, 74, 76, 87, 92  
 San Mateo (City), 150, 155, 161-162  
 San Mateo CCAG, 150, 152-153, 155-156, 162  
 San Mateo County, 29-32, 149-165, 221-224  
 San Mateo County Office of Education, 162  
 San Mateo County Transit District (SAMTRANS),  
 29-32, 157  
 San Mateo County Transportation Authority, 152  
 San Pablo, 90, 100, 109-110, 117  
 San Rafael, 121, 124, 127, 241-242  
 San Ramon, 73, 82, 107, 110  
 Santa Clara County, 35, 152, 165-178, 225-226  
 Santa Clara Valley Transportation Authority  
 (VTA), 33-38, 165-167, 173, 177  
 Santa Rosa, 59-60, 187-188, 192, 195, 197-198  
 Santa Rosa City Bus, 59-60  
 Saratoga, 174-175, 178  
 Sausalito, 124, 217  
 Solano County, 60-62, 179-186  
 Solano County Transit (SolTrans), 60-62  
 Solano Transportation Authority (STA),  
 179-182, 185-186

Sonoma County, 54, 62-63, 187-200  
Sonoma County Regional Parks, 198  
Sonoma County Transit, 62-63  
Sonoma County Transportation Authority  
(SCTA), 187-189, 195  
Sonoma Marin Area Rail Transit (SMART), 63  
South San Francisco, 150, 152, 157, 163  
Suisun City, 186  
Sunnyvale, 37, 173-174, 178, 225

## T

Transbay Joint Powers Authority (TBJPA), 64  
Transportation Authority of Marin (TAM), 119,  
124-125, 128

## U

Union City Transit, 65  
University of California, Berkeley, 87

## V

Vacaville, 43, 65, 180, 182, 186  
Vallejo, 179-180, 182-183, 186

## W

Walnut Creek, 8, 101, 111  
Water Emergency Transportation Authority  
(WETA), 66-68  
Western Contra Costa Transit Authority  
(WestCAT), 69-70  
Windsor, 187, 195, 199

## Y

Yountville, 53, 133, 219

# Index

## A

- ALA010003, 79
- ALA010034, 1
- ALA010052, 84
- ALA010056, 39
- ALA030002, 79
- ALA030030, 45
- ALA050002, 87
- ALA050014, 71
- ALA050019, 76
- ALA050035, 89
- ALA050079, 71
- ALA070009, 73
- ALA070014, 76
- ALA070039, 92
- ALA070042, 74
- ALA070054, 97
- ALA090012, 74
- ALA090016, 72
- ALA090018, 77
- ALA090019, 72
- ALA090020, 74
- ALA090021, 74
- ALA090022, 80
- ALA090023, 80
- ALA090026, 97
- ALA090027, 86
- ALA090065, 5
- ALA090068, 5
- ALA110001, 66
- ALA110002, 75
- ALA110003, 5
- ALA110008, 1
- ALA110032, 5
- ALA110033, 90
- ALA110046, 97
- ALA110072, 92
- ALA110099, 39
- ALA110104, 84
- ALA110115, 6
- ALA110120, 91
- ALA130001, 82
- ALA130002, 1
- ALA130003, 92
- ALA130005, 81
- ALA130006, 81
- ALA130007, 6
- ALA130008, 87
- ALA130009, 86
- ALA130011, 44
- ALA130012, 82
- ALA130013, 83
- ALA130014, 92
- ALA130015, 85
- ALA130016, 85
- ALA130017, 93
- ALA130018, 80
- ALA130019, 86
- ALA130021, 82
- ALA130022, 79
- ALA130024, 93
- ALA130025, 83
- ALA130026, 90
- ALA130027, 84
- ALA130028, 81
- ALA130030, 91
- ALA130032, 6
- ALA130034, 73
- ALA130035, 211
- ALA150001, 72
- ALA150002, 80
- ALA150003, 82
- ALA150004, 2
- ALA150005, 91
- ALA150006, 89
- ALA150007, 89
- ALA150008, 211
- ALA150009, 91

ALA150010, 93  
ALA150011, 90  
ALA150012, 93  
ALA150014, 45  
ALA150015, 45  
ALA150016, 45  
ALA150017, 45  
ALA150019, 46  
ALA150020, 2  
ALA150021, 243  
ALA150022, 83  
ALA150023, 85  
ALA150024, 94  
ALA150025, 94  
ALA150026, 89  
ALA150028, 90  
ALA150029, 87  
ALA150030, 6  
ALA150031, 46  
ALA150032, 46  
ALA150033, 46  
ALA150034, 46  
ALA150035, 47  
ALA150036, 47  
ALA150037, 47  
ALA150038, 2  
ALA150039, 3  
ALA150040, 3  
ALA150041, 3  
ALA150042, 94  
ALA150043, 94  
ALA150044, 95  
ALA150045, 3  
ALA150046, 65  
ALA150047, 95  
ALA150048, 211  
ALA150049, 81  
ALA150050, 85  
ALA150051, 83  
ALA170001, 73  
ALA170002, 71  
ALA170003, 65  
ALA170004, 75  
ALA170005, 75  
ALA170006, 239  
ALA170007, 84

ALA170008, 73  
ALA170009, 77  
ALA170010, 75  
ALA978004, 72  
ALA978027, 76  
ALA990052, 3  
ALA990076, 4  
ALA990077, 47  
ALA991081, 86

**B**

BRT99T01B, 7  
BRT97100B, 7  
BRT030001, 33  
BRT030004, 7  
BRT030005, 7

**C**

CC-99T001, 42  
CC-010023, 100  
CC-030001, 4  
CC-030002, 44  
CC-030004, 49  
CC-030025, 69  
CC-030035, 42  
CC-050025, 8  
CC-050028, 101  
CC-050030, 105  
CC-050075, 107  
CC-050076, 99  
CC-070008, 103  
CC-070009, 103  
CC-070011, 103  
CC-070013, 103  
CC-070022, 101  
CC-070026, 104  
CC-070033, 213  
CC-070035, 100  
CC-070046, 113  
CC-070053, 99  
CC-070062, 66  
CC-070063, 108  
CC-070065, 109  
CC-070067, 115  
CC-070075, 106

CC-070078, 104  
CC-070081, 106  
CC-070092, 42  
CC-090001, 107  
CC-090019, 110  
CC-090023, 104  
CC-090026, 105  
CC-110007, 116  
CC-110066, 100  
CC-110082, 8  
CC-110083, 40  
CC-110084, 114  
CC-110099, 41  
CC-110100, 41  
CC-130001, 114  
CC-130002, 8  
CC-130003, 114  
CC-130004, 106  
CC-130005, 110  
CC-130006, 105  
CC-130011, 113  
CC-130012, 105  
CC-130013, 113  
CC-130015, 109  
CC-130020, 109  
CC-130023, 107  
CC-130024, 213  
CC-130025, 108  
CC-130026, 110  
CC-130027, 114  
CC-130029, 116  
CC-130030, 104  
CC-130031, 109  
CC-130032, 117  
CC-130033, 111  
CC-130037, 115  
CC-130038, 115  
CC-130039, 56  
CC-130040, 108  
CC-130043, 239  
CC-130045, 41  
CC-130046, 99  
CC-130047, 116  
CC-130048, 8  
CC-130049, 213  
CC-130050, 213  
CC-150001, 69  
CC-150002, 69  
CC-150003, 69  
CC-150004, 69  
CC-150005, 70  
CC-150006, 41  
CC-150007, 41  
CC-150008, 42  
CC-150009, 106  
CC-150010, 115  
CC-150011, 116  
CC-150012, 42  
CC-150013, 231  
CC-150014, 70  
CC-150015, 70  
CC-150016, 117  
CC-150017, 110  
CC-150018, 111  
CC-150019, 9  
CC-150020, 43  
CC-150021, 70  
CC-170001, 107  
CC-170002, 239  
CC-170003, 239  
CC-170004, 108  
CC-990045, 70

**M**

MRN010035, 15  
MRN030010, 15  
MRN050001, 119  
MRN050014, 128  
MRN050018, 237  
MRN050019, 237  
MRN050025, 15  
MRN050033, 127  
MRN050034, 119  
MRN070002, 122  
MRN070006, 122  
MRN070009, 127  
MRN070017, 124  
MRN070019, 121  
MRN090049, 127  
MRN110010, 124  
MRN110032, 123

MRN110033, 121  
MRN110034, 119  
MRN110035, 121  
MRN110040, 47-48  
MRN110041, 48  
MRN110045, 15  
MRN110047, 48  
MRN130001, 16  
MRN130004, 124  
MRN130005, 124  
MRN130006, 123  
MRN130007, 121  
MRN130009, 127  
MRN130010, 122  
MRN130011, 123  
MRN130012, 215  
MRN130013, 215  
MRN130014, 217  
MRN130015, 16  
MRN150003, 48  
MRN150004, 125  
MRN150005, 16  
MRN150006, 16  
MRN150007, 16  
MRN150008, 127  
MRN150009, 241  
MRN150010, 48  
MRN150011, 48  
MRN150012, 49  
MRN150013, 49  
MRN150014, 17  
MRN150015, 17  
MRN170001, 122  
MRN970016, 237  
MRN990017, 17  
MTC050001, 49  
MTC050020, 50  
MTC050021, 50  
MTC050027, 66  
MTC050029, 66

**N**

NAP010008, 129  
NAP030004, 52  
NAP030005, 52

NAP050009, 53  
NAP090003, 129  
NAP090005, 53  
NAP090008, 53  
NAP110014, 135  
NAP110023, 132  
NAP110026, 132  
NAP110027, 132  
NAP110028, 131  
NAP110029, 131  
NAP130003, 132  
NAP130004, 219  
NAP130006, 131  
NAP130007, 129  
NAP130008, 219  
NAP130009, 133  
NAP130010, 133  
NAP150001, 130  
NAP150002, 133  
NAP150003, 133  
NAP170001, 131  
NAP970010, 53

**R**

REG050020, 9  
REG070003, 67  
REG090002, 50  
REG090003, 207  
REG090037, 9  
REG090039, 209  
REG090042, 233  
REG090044, 207  
REG090045, 50  
REG090046, 209  
REG090051, 11  
REG090054, 67  
REG090055, 67  
REG090057, 67  
REG090065, 233  
REG090067, 68  
REG110010, 209  
REG110011, 233  
REG110020, 68  
REG110028, 51  
REG110030, 11

REG110032, 51  
REG110039, 51  
REG110041, 39  
REG110042, 40  
REG110044, 39  
REG130001, 235  
REG130002, 235  
REG130003, 207  
REG130004, 240  
REG130005, 209  
REG150001, 40  
REG150002, 40  
REG150003, 40  
REG150004, 51  
REG150005, 9  
REG150006, 11  
REG170001, 210  
REG170002, 208

**S**

SCL010019, 167  
SCL030006, 165  
SCL050001, 33  
SCL050002, 33  
SCL050009, 33  
SCL050046, 34  
SCL050049, 34  
SCL050082, 175  
SCL050083, 225  
SCL050091, 169  
SCL070004, 165  
SCL090002, 172  
SCL090003, 170  
SCL090004, 170  
SCL090005, 170  
SCL090016, 166  
SCL090017, 172  
SCL090019, 58  
SCL090030, 165  
SCL090031, 177  
SCL090040, 34  
SCL090041, 34  
SCL090044, 35  
SCL110002, 165  
SCL110005, 35  
SCL110006, 170  
SCL110007, 173  
SCL110008, 166  
SCL110009, 35  
SCL110010, 35  
SCL110029, 176  
SCL110032, 175  
SCL110099, 36  
SCL110100, 36  
SCL110104, 36  
SCL110108, 173  
SCL110121, 176  
SCL110125, 173  
SCL130001, 173  
SCL130002, 166  
SCL130004, 171  
SCL130006, 171  
SCL130007, 176  
SCL130010, 176  
SCL130011, 171  
SCL130016, 171  
SCL130022, 177  
SCL130026, 174  
SCL130027, 175  
SCL130028, 178  
SCL130029, 174  
SCL130030, 174  
SCL130031, 225  
SCL130032, 178  
SCL130034, 169  
SCL130037, 177  
SCL130040, 36  
SCL130041, 166  
SCL130043, 169  
SCL130044, 167  
SCL150001, 167  
SCL150005, 37  
SCL150006, 37  
SCL150008, 37  
SCL150011, 37  
SCL150014, 167  
SCL150015, 177  
SCL150017, 175  
SCL150018, 37  
SCL150020, 172  
SCL150021, 172



---

SCL170001, 169	SF-130006, 142
SCL990046, 38	SF-130007, 146
SF-99T002, 28	SF-130008, 137
SF-95037B, 26	SF-130010, 58
SF-010028, 12	SF-130011, 146
SF-010037, 19	SF-130014, 147
SF-010038, 140, 142	SF-130015, 147
SF-030013, 19	SF-130017, 140
SF-050014, 10	SF-130018, 145
SF-050024, 19	SF-130019, 147
SF-050034, 20	SF-130020, 24
SF-070003, 20	SF-130021, 145
SF-070004, 57	SF-130022, 148
SF-070005, 20	SF-150001, 147
SF-070009, 57	SF-150002, 148
SF-070027, 137	SF-150003, 146
SF-070029, 64	SF-150004, 148
SF-070030, 137	SF-150005, 24
SF-070045, 21	SF-150006, 25
SF-090004, 141	SF-150007, 25
SF-090011, 57	SF-150008, 140
SF-090012, 21	SF-150009, 143
SF-090016, 21	SF-150011, 148
SF-090018, 21	SF-150012, 58
SF-090019, 22	SF-150013, 145
SF-090020, 22	SF-150014, 25
SF-090023, 22	SF-150015, 25
SF-090031, 22	SF-150016, 145
SF-090032, 23	SF-150017, 146
SF-090035, 23	SF-170001, 57
SF-110002, 142	SF-170002, 139
SF-110005, 141	SF-970073, 26
SF-110006, 141	SF-970170, 26
SF-110010, 23	SF-990003, 27
SF-110011, 139	SF-990004, 27
SF-110037, 142	SF-990022, 27
SF-110044, 10	SF-991030, 138
SF-110045, 23	SM-03006B, 12
SF-110049, 139	SM-010002, 150
SF-110050, 24	SM-010047, 151
SF-110053, 68	SM-010054, 12
SF-130001, 141	SM-030023, 29
SF-130002, 142	SM-050001, 149
SF-130003, 24	SM-050005, 10
SF-130004, 139	SM-050027, 151
SF-130005, 58	SM-050040, 13

SM-050041, 13	SM-130028, 159
SM-050051, 157	SM-130029, 10
SM-050053, 159	SM-130030, 150
SM-070002, 155	SM-130031, 221
SM-070004, 158	SM-130032, 223
SM-070006, 159	SM-150001, 154
SM-070008, 13	SM-150002, 162
SM-070029, 150	SM-150003, 154
SM-070049, 29	SM-150004, 153
SM-090004, 151	SM-150005, 30
SM-090007, 154	SM-150006, 155
SM-090008, 151	SM-150007, 14
SM-090009, 152	SM-150008, 30
SM-090014, 152	SM-150009, 161
SM-090015, 149	SM-150010, 30
SM-110002, 68	SM-150011, 31
SM-110003, 152	SM-150012, 158
SM-110012, 160	SM-150013, 162
SM-110022, 162	SM-150014, 162
SM-110047, 150	SM-150015, 163
SM-110054, 29	SM-150016, 155
SM-110062, 29	SM-150017, 152
SM-110064, 161	SM-170001, 149
SM-110065, 160	SM-170002, 153
SM-110067, 156	SM-170003, 149
SM-110068, 30	SM-170004, 160
SM-130002, 154	SM-990026, 31
SM-130003, 163	SOL010006, 44
SM-130004, 155	SOL010007, 65
SM-130008, 159	SOL030002, 43
SM-130009, 153	SOL070012, 181
SM-130011, 158	SOL070020, 179
SM-130012, 157	SOL070032, 60
SM-130013, 157	SOL090001, 180
SM-130015, 162	SOL090015, 179
SM-130016, 154	SOL090033, 61
SM-130017, 157	SOL090034, 61
SM-130018, 158	SOL110001, 180
SM-130019, 161	SOL110003, 181
SM-130020, 161	SOL110004, 182
SM-130021, 153	SOL110005, 182
SM-130022, 160	SOL110006, 182
SM-130023, 153	SOL110007, 43
SM-130025, 30	SOL110009, 65
SM-130026, 13	SOL110019, 185
SM-130027, 14	SOL110025, 61

- SOL110035, 186  
SOL110037, 179  
SOL110040, 61  
SOL110041, 44  
SOL130005, 186  
SOL130007, 181  
SOL130012, 185  
SOL130014, 185  
SOL130015, 182  
SOL130017, 65  
SOL130019, 62  
SOL130020, 186  
SOL150001, 185  
SOL150002, 183  
SOL150003, 180  
SOL150004, 186  
SOL170001, 181  
SOL990018, 180  
SON010001, 187  
SON010019, 187-188  
SON010024, 187  
SON030005, 62  
SON030012, 59  
SON050001, 192  
SON050021, 62  
SON070004, 188  
SON070008, 198  
SON070013, 54  
SON070020, 59  
SON070026, 192  
SON090001, 192  
SON090002, 63  
SON090005, 188  
SON090023, 59  
SON090024, 59  
SON090025, 193  
SON090026, 193  
SON090027, 193  
SON090030, 54  
SON110024, 193  
SON110025, 194  
SON110026, 194  
SON110049, 62  
SON110050, 198  
SON110051, 54  
SON110052, 54  
SON110054, 197  
SON130002, 191  
SON130003, 199  
SON130006, 197  
SON130007, 197  
SON130008, 191  
SON130009, 191  
SON130010, 194  
SON130012, 199  
SON130013, 199  
SON130014, 198  
SON130015, 194  
SON130016, 197  
SON130017, 192  
SON130020, 55  
SON150001, 194  
SON150002, 195  
SON150003, 198  
SON150004, 55  
SON150005, 55  
SON150006, 188  
SON150007, 55  
SON150008, 60  
SON150009, 189  
SON150010, 195  
SON150011, 195  
SON150012, 63  
SON150013, 63  
SON150014, 56  
SON150015, 56  
SON150016, 56  
SON150017, 60  
SON150018, 60  
SON150019, 60  
SON170001, 195  
SON170002, 191
- V**
- VAR130002, 51  
VAR130003, 52  
VAR130005, 52  
VAR150001, 52  
VAR170001, 205  
VAR170002, 201  
VAR170003, 240

VAR170004, 201