

# Appendix H - Programmatically Funded Projects

## Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
<b>1. Bicycle and Pedestrian Program - RTP ID # 240381</b>						<i>Bicycle and pedestrian infrastructure, support facilities (including operations), and maintenance</i>
<b>1A. Countywide Bike Plan Capital Projects network</b>						
3	City of San Leandro	East Bay Greenway/UPRR Rail to Trail*	Central	240322	\$ 26.0	4.7 miles of Bicycle and Pedestrian multi-use pathway following the existing Union Pacific Railroad Oakland Subdivision building upon the Eastbay Greenway
6	City of Dublin	Iron Horse Trail Overcrossing at Dublin Boulevard near Dublin Transit Center (Bicycle/Pedestrian Enhancements)	East	240292	\$ 7.6	This project proposes to enhance the Iron Horse Trail located in the City of Dublin by constructing a pedestrian/bicycle bridge overcrossing at Dublin Boulevard
7	City of Dublin	Iron Horse Trail Overcrossing at Dougherty Road (Bicycle/Pedestrian Enhancements)	East	240294	\$ 7.9	This project will enhance the Iron Horse Trail by constructing a pedestrian/bicycle bridge overcrossing at Dougherty Road located in the City of Dublin.
8	City of Pleasanton	Iron Horse Trail Construction of Ped/ Bicycle bridge over Arroyo Mocho.	East	240170	\$ 0.2	Phase 2 of the Pleasanton Iron Horse Trail project will provide pedestrian/bicycle bridge or ramp access to southern Zone 7 access road. Access to southern access road will eliminate Iron Horse Trail Crossing of Santa Rita Road by allowing use of undercrossing on the south side of the Arroyo
9	City of Pleasanton	Iron Horse Trail construction in South Pleasanton	East	240194	\$ 1.7	This project will complete the final leg of the Iron Horse Trail in Pleasanton, from the current terminus at Busch Road to the City Limits at Shadow Cliffs on Stanley Boulevard
10		Countywide Bicycle Plan implementation	Multi		\$ 249.0	Implementation of projects and programs included in the updated Countywide Bicycle Plan (Cost estimate is a placeholder based on 2006 Plan)
<b>Total by Subcategory</b>					<b>\$ 292.4</b>	
<b>1B. Countywide Pedestrian Plan Capital Projects network</b>						
12		Countywide Pedestrian Plan implementation	Multi		\$ 892.0	Implementation of projects and programs included in the updated Countywide Pedestrian Plan. Cost estimate is a placeholder based on the 2006 Plan
13	City of Pleasanton	Pedestrian Gap Closure Projects over I-580 and I-680 program	East	240189	\$ 2.0	Pedestrian and bicycle gap closure projects
<b>Total by Subcategory</b>					<b>\$ 894.0</b>	
<b>1C. Local Bike &amp; Pedestrian Plan Implementation</b>						
14	City of Alameda	Bike and Ped Infrastructure	North	240191	\$ 15.6	To provide funding for bicycle and pedestrian networks in the City.
15	City of Albany	Bike/ped expansion - Cleveland Avenue Improvements	North	240352	\$ 1.1	The project entails continuing the Class I bikeway from the 500 block of Pierce St. through the surplus parcel of land and connect it to the bike lanes planned for Cleveland Avenue. Included in this phase is the extension of the sound wall along the 500 block of Pierce St.
16	City of Albany	Key Route Boulevard	North		\$ 1.5	Bicycle and pedestrian improvements - included in the update to the bike plan currently in progress
20	City of Albany	Washington Avenue @ San Pablo bike improvements	North		\$ 0.7	bike boulevard and intersection improvements at San Pablo Avenue - included in the update to the bike plan currently in progress
21	City of Berkeley	Berkeley Bicycle Plan implementation , including Safe Routes to School and Safe Routes to Transit elements (Bicycle/Pedestrian Enhancements)	North	240206	\$ 17.9	Implement Berkeley Bicycle Plan, including Safe Routes to School and Safe Routes to Transit elements
22	City of Emeryville	Emeryville Greenway (Bicycle/Pedestrian Expansion)	North	240201	\$ 1.5	Expand Emeryville Greenway through design and construction of pathway(s) and landscaping on existing City owned right of way (former rail right of way).
23	City of Emeryville	Bicycle/Pedestrian Enhancements	North	240188	\$ 0.1	This project will complete implementation of the 1998 Bicycle and Pedestrian Plan, including bicycle boulevard stencils, bicycle detection loops/video detection at traffic signals, and installation of signs on most of the network.
24	City of Oakland	Bicycle and Pedestrian Safety and Enhancements: Streetscapes	North	240225	\$ 20.0	Completion of bicycle and pedestrian projects citywide. Work includes pavement resurfacing, construction of bulbouts, medians, pedestrian refuges, widened sidewalks, installation of new street furniture, streets trees and other enhancements.
25	Alameda County	San Lorenzo Creek Trail	Central	240049	\$ 10.0	The San Lorenzo Creek project extends from Mission Boulevard to the Meek Estate. The project includes a multi-use pathway and serves the County grow opportunity area on East 14th / Mission Blvd.
26	City of Hayward	Bike-Pedestrian Enhancements*	Central	240016	\$ 9.5	<ul style="list-style-type: none"> <li>• C Street – Grand to Filbert – narrow, increase sidewalk, construct median</li> <li>• C Street – Watkins to Mission – narrow to one lane, increase sidewalk, provide bike lane</li> <li>• Main Street – D Street to McKeever – narrow to 2 lanes, increase sidewalk and provide bike lane</li> <li>• Cannery Pedestrian bridge over the UPRR tracks in the Cannery Area.</li> <li>• Dixon Street – Valle Vista to Industrial – streetscape improvements to complement TLC project from Valle Vista to Tennyson</li> </ul>

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5	City of Fremont	Bicycle/Pedestrian Expansion: Pedestrian and Bicycle Access Way from Downtown to Fremont BART	South	240281	\$ 0.5	Construct bicycle and pedestrian facilities from Fremont BART Station to Fremont Midtown in the Central Fremont PDA. Expand and enhance bicycle and pedestrian pathway from Fremont BART Station to downtown areas and commercial/employment centers.
30	City of Newark	Bike/Ped Enhancements: Pedestrian and Bicycle Master Plan Implementation	South	240284	\$ 30.0	Pedestrian and Bicycle Master Plan Implementation
31	City of Newark	Bike/Ped Expansion: Dumbarton TOD Bay Trail Railroad Overcrossing*	South	240288	\$ 3.0	Dumbarton TOD Bay Trail Railroad Overcrossing
32	City of Newark	Cedar Boulevard Pedestrian and Bicycle Railroad Crossing	South	240289	\$ 2.5	Cedar Boulevard Pedestrian and Bicycle Railroad Overcrossing
34	City of Livermore	Bicycle/Pedestrian Expansion - Master Plan Implementation	East	240255	\$ 150.0	Implement projects identified in Bike and Ped Master Plan
35	City of Pleasanton	Arroyo Mocho Trail Paving along Zone 7 channel	East	240173	\$ 3.4	This project will provide a paved class one trail from Hopyard Road to the eastern Pleasanton City Limit. This will provide a 3.2 mile paved trail between Pleasanton and Livermore Trail connection for both recreational and commute trips
36	City of Pleasanton	Arroyo Mocho Bridge Construction	East	240172	\$ 0.2	This project will construct a new bridge over the Arroyo Mocho to connect the south Zone 7 access road to the Hacienda Business Park
37	City of Pleasanton	Stoneridge Mall Gap Closure	East	240192	\$ 1.4	Mixed use development is identified around the Stoneridge Mall but significant gaps in the pedestrian pathway exist. This project closes those gaps.
38	Alameda County	Sidewalk Improvements	Multi	240107	\$ 18.8	Sidewalk Projects at various locations in Alameda County unincorporated areas
39		Implementation of Local Bicycle and Pedestrian Plan projects and programs	Multi			Implementation of projects and programs included in local bicycle and pedestrian plans
<b>Total by Subcategory</b>					<b>\$ 287.7</b>	
<b>1D. Bike Support Facilities - Capital &amp; Operations</b>						
40		Bike parking	Multi		\$ 6.0	Includes bike parking, storage and changing facilities, showers
41		Bikesharing	Multi			Implementation of bike-share programs
<b>Total by Subcategory</b>					<b>\$ 6.0</b>	
<b>1E. Infrastructure Maintenance</b>						
42		Maintenance of bike and pedestrian facilities	Multi		\$ 50.0	Maintenance of bikeways, sidewalks, trails, signage, signals and other bike/pedestrian infrastructure. <i>\$50M proposed for total subcategory.</i>
<b>Total by Subcategory</b>					<b>\$ 50.0</b>	
<b>Overall Program Type Total</b>					<b>\$ 1,530.1</b>	<b>Proposed Total Program Allocation: \$475.0M</b>

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2. Transit Enhancements, Expansion and Safety Program - RTP ID # 240382						<i>Capital/vehicle rehabilitation/replacement, capacity expansion, safety, seismic retrofit, station/stop improvements, maintenance facilities, environmental improvements</i>
<b>2A. Transit Capital/ Vehicle Rehabilitation</b>						
43	ACE	Locomotive rehabilitation (6 locomotives, mid-life)	South & East	240307	\$ 10.8	Mid-life Overhaul of six (6) locomotives
44	ACE	Rail Car Rehabilitation (28 pax rail cars, mid-life)	South & East	240308	\$ 28.0	Mid-life overhaul of twenty-eight (28) passenger rail cars
45	ACE	Capital Spares, Minor Locomotive & Rail Car Rehabilitation	South & East	240310	\$ 6.2	Spare & replacement parts, mechanical and cosmetic, for rail cars and locomotives.
<b>Total by Subcategory</b>					<b>\$ 45.0</b>	
<b>2B. Transit Capital Replacement</b>						
46	ACE	Fiscal System modernization	South & East	240312	\$ 0.2	Includes cash registers, updated fiscal management software (Caselle Clarity), updated computers, and associated infrastructure. <i>FORMERLY LISTED UNDER 2F SYSTEM CAPACITY</i>
47	City of Emeryville	Transit Vehicle Rehabilitation/Replacement/Retrofit	North	240251	\$ 6.0	Replace 14 outdated Emery Go Round Shuttles with Low Floor Diesel, hybrid and/or CNG shuttles
48	LAVTA	Transit Vehicle Rehabilitation/Replacement/Retrofit (197veh + 194 veh)	East	94527	\$ 163.2	LAVTA will need to replace 197 fixed-route vehicles and perform mid-life rehabilitations on 194 vehicles through 2040. This program is intended to provide funding for the Authority's fleet replacement and rehabilitation requirements. Vehicle replacement includes replacing all vehicle components including all ITS, fareboxes, radios, and equipment necessary for safe and efficient fleet operations.
<b>Total by Subcategory</b>					<b>\$ 169.4</b>	
<b>2C. Vehicle/Fleet Expansion</b>						
49	ACE	ACE Vehicles	South & East	240314	\$ 0.3	Purchase of bucket truck for Maintenance Department. Purchase of tow-behind sweeper for Maintenance Department for parking lot and private roadway upkeep. Purchase of two (2) all electric vehicles with sufficient range to travel to and from San Jose with incidental stops at stations and vendors without recharging en-route or using any on-board fuel. Estimated range needed is greater than 200 miles after 10 years of normal battery usage.
50	AC Transit	Additional Fleet Vehicles To Support Improved Transit Service	Multi	21154	\$ 74.6	Purchases rolling stock for enhanced transbay, local, or express services
51	BART	BART Rail Vehicle Capacity Expansion- 225 cars (Alameda County portion)	Multi	240073	\$ 444.0	Purchase 225 additional cars to accommodate future increases in ridership.
<b>Total by Subcategory</b>					<b>\$ 518.9</b>	
<b>2D. Safety and Security for Passengers and System</b>						
52	ACE	On-board Security Cameras	South & East	240275	\$ 0.1	On-board, remotely accessible security cameras and associated infrastructure to include Wi-Fi networking on each rail car.
53	ACE	Security Cameras at the Alameda & SJ Stations	South & East	240295	\$ 1.9	IP-based video surveillance system for all San Joaquin County stations, Vasco, Pleasanton, and Alameda County Stations.
54	AC Transit	Safety and security improvements*	Multi	230098	\$ 24.5	This project encompasses a number of capital elements to ensure AC Transit vehicles and facilities are safe and secure for the passengers, including: bus video and facility surveillance system with data storage; mobile communications vehicle; emergency generator systems at operating divisions; Emergency Operations Center Upgrades; Transfer Centers/Stop surveillance program; and "Hardening" upgrades to operating divisions and temporary Transbay terminal.
55	BART	BART Security Program (Alameda County portion)	Multi	240072	\$ 86.4	Project will improve or enhance BART security to protect the patrons and the system. Projects to be implemented include: 1) Emergency Communications; 2) Operations Control Center; 3) Locks & Alarms; 4) Public Safety Preparedness; 5) Structural Augmentation; 6) Surveillance - CIP Track Two Portion; and 7) weapons Detection Systems.
<b>Total by Subcategory</b>					<b>\$ 112.9</b>	

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<b>2E. Station and Stops Improvements (access, expansion and amenities)</b>						
58	City of Emeryville	Transit Station Rehabilitation	North	240247	\$ 3.9	Enhance Emeryville's existing transit services with installation of up to 30 bus shelters and other site amenities including benches, maps, signage and amenities for existing AC Transit and Emery Go Round routes and expansion of the Amtrak station platform in Emeryville. <i>PREVIOUSLY LISTED UNDER 2A</i>
59	City of Oakland	Downtown (12th and 19th Street) BART Stations Transit Enhancements	North	240232	\$ 139.0	Enhance pedestrian and bicycle access to downtown BART stations through streetscape projects incorporating pedestrian enhancements, construction of safe basements underneath sidewalks, paving, sidewalks, bicycle facilities, bicycle storage and bike station development, and signage.
61	LAVTA	Bus Stop Improvements*	East	230148	\$ 4.1	To improve bus stops throughout Dublin, Pleasanton, and Livermore to provide ADA access where access does not exist and improved amenities such as passenger shelters, benches, trash receptacles, system maps and schedules, solar lighting, accessibility upgrades, etc.
62	AC Transit	Bicycle/Pedestrian Enhancements on East Bay BRT corridor (non-transit elements)	North & Central	240371	\$ 24.0	Provides bike/ped improvements, street-scape elements to support BRT on Telegraph Avenue/International Blvd./E.14th street. Includes non-transit ped bulbs, lighting, curb cuts and other related improvements. Does not include transit elements, but supports project: # 22455
63	AC Transit	Livable Communities/Complete Streets/ADA	Multi	240373	\$ 13.2	Complete Streets improvements, including Livable Communities Ped Improvements, ADA curb cuts, ped countdowns, improved sidewalks, signage and bike improvements along transit corridors. Includes: \$13.2 for Alameda County and \$1.8 for Contra Costa County
64	ACE	Information Display Kiosks at ACE stations & on-board rail cars	South & East	240240	\$ 0.5	Information displays and accompanying infrastructure to provide real time arrival and departure information for ACE and connecting transit/shuttle services. General information, announcements, and advertisements could also be accommodated.
65	ACE	ACE Station Improvements	South & East	240241	\$ 0.3	Passenger shelters, including solar lighting and power infrastructure, street furniture, ADA-accessibility.
66	BART	BART Station Capacity (Alameda County portion)	Multi	240075	\$ 294.7	Makes station capacity improvements at 43 BART stations throughout the District. Types of improvements include faregate, stair, and elevator additions; and platform modifications, including platform widening, escalator additions, train-screens, and doors.
305	BART	BART Station Modernization	Multi		\$ 660.0	The Station Modernization Program includes improvements at all BART stations addressing station site, building envelope, vertical transportation, circulation & wayfinding, HVAC, and other station equipment replacements/upgrades, and lighting & ambient environment.
<b>Total by Subcategory</b>					<b>\$ 1,139.7</b>	
<b>2F. System capacity/communications improvements</b>						
68	ACE	Altamont Rail Corridor (Upgrades) Rehabilitation- Track, positive train control, and signaling upgrade	South & East	240305	\$ 12.5	Track, positive train control, and signaling upgrades along the existing and planned Altamont Commuter Express operational corridors.
69	ACE	Interoperable Communications Equipment	South & East	240297	\$ 0.2	This project will provide a scalable, cost-effective IP-based solution for quickly establishing communications between disparate systems in support of emergency response and day-to-day operations. Additional funding is being sought for Fremont and Great America.
70	AC Transit	Transit Management/Communication Systems*	Multi	240205	\$ 54.7	Computer Aided Dispatch Upgrades, including Automatic Vehicle Locator and Real Time Passenger Information. Bus enhancements including automatic passenger counters, internal text messaging and associated system upgrades required for enhancements to function.
306	BART	BART Metro Program	Multi	240182	\$ 625.0	Advance BART Metro program (service, capacity and coverage) to align future investments in support of the region's emerging Sustainable Communities Strategy (SCS). Types of projects eventually could include trackway enhancements on the core system (pocket tracks, cross-overs, other investments to relieve mainline bottlenecks), route service changes, capacity improvements to stations and supporting facilities, infill stations, integrated transit services, and expansion of high capacity transit lines
71	BART	BART System Capacity (Alameda County portion)	Multi	240089	\$ 78.3	Make investments across BART system including train control modifications to operations control center and integrated control system; traction power upgrades, 3rd rail feeder cables, negative return capacity in yards, and 1/4 of traction power substations; ventilation in underground stations to handle increased passenger loads; crossovers can reduce fleet demand by 16-30 BART cars, while allowing for more operational flexibility (mitigation of delays, more frequent evening and weekend service).
<b>Total by Subcategory</b>					<b>\$ 770.7</b>	

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<b>2G. Maintenance Facilities Expansion/ Enhancements</b>						
72	LAVTA	New maintenance/operations facility	East	21151	\$ 47.3	Constructs a new maintenance facility. LAVTA has outgrown its existing facility. The current facility was designed for no more than 43 vehicles, both motorbus and demand response. The current LAVTA fleet consists of 75 motor buses and 18 demand response vehicles. The proposed facility would incorporate facilities and parking for up to 160 buses, which will equip LAVTA for the growth anticipated in the Tri-Valley.
73	AC Transit	Maintenance Facility Efficiency Upgrades	Multi	21159	\$ 80.0	Expand/enhance AC Transit facilities such as environmental sustainability projects, heavy equipment, IT infrastructure, other facility improvements.
74	AC Transit	66th Ave Upgrade to Operational Facility	Multi		\$ 12.0	
<b>Total by Subcategory</b>					<b>\$ 139.3</b>	
<b>2H. Green/ Environmental Program</b>						
76	AC Transit	Environmental projects	Multi	230121	\$ 67.0	The project would be to reduce AC Transit's carbon footprint, as well as address other environmental issues associated with bus transit operations such as ZEB fueling and maintenance facility. The program would also implement projects to reduce the energy currently used at operating facilities by installing solar panels to reduce the lighting costs for our facilities. To address environmental issues currently facing the agency, the project would also include programs to enhance our wastewater treatment programs to better manage our industrial wastewater systems, including: upgrades and/or replacement of our underground fuel tanks and the related clean-up of historical contamination; continued efforts in preventing contaminants from entering storm water drains at facilities.
77	AC Transit	Greening of Vehicles - environmental program	Multi		\$ 2.6	
78	AC Transit	Alternative Fueling Facilities (D3,D6, CMF)	Multi		\$ 37.0	
<b>Total by Subcategory</b>					<b>\$ 106.6</b>	
<b>Overall Program Type Total</b>					<b>\$ 3,002.5</b>	<b>Proposed Total Program Allocation: \$1100.0M</b>
<b>3. Transit and Paratransit Operations and Maintenance Program - RTP ID # 240383</b>						<b>Operations, service expansion, transit priority measures (TPM), fare incentives, maintenance.</b>
<b>3A. Transit and Paratransit Operations Restoration and Expansion</b>						
83	City of Berkeley	I-80 Corridor Transit Service	North		\$ 20.0	Restore Service to 2009 Levels to Higher Density neighborhoods. Lifeline Service for low-income communities • I-80 adjacent elements of South & West Berkeley Community-Based Transportation Plan • West Berkeley Circulation Master Plan • AC Transit Service Plan
85	ACE	UPRR Capital Access Fee	South & East	240274	\$ 1.9	As part of the second amendment to the SJRRC/UPRR Trackage Rights Agreement approved December 2003, an annual Capital Access Fee is required in January of each year to operate ACE trains on the 86 mile corridor.
86	AC Transit	Transit Priority Measures (TPM)	North, Central & East	230111	\$ 264.0	Transit Priority Measures (TPM), corridor or street improvements, and rider amenities within Alameda County to protect buses from degrading speeds on arterials while providing passenger amenities to encourage increased ridership, such as: signal timing, signal priority and queue jump lanes; more frequent service levels; passenger loading stations or amenities; real-time passenger information; and street and sidewalk geometric changes to assist bus operations (bus bulbs if appropriate), as well as a HOV facilities on bridges and appropriate access roadways. Also includes single intersection-level improvements not included in a larger corridor projects.
87	AC Transit	Speed Protection in Urban Core	Multi		\$ 48.0	
307	AC Transit	Expanded Owl Service	Multi	240695	\$ 160.5	Additional service hours in order to meet projected Owl Service (late night) demand. To ensure adequate transit services for transit-dependent, and other riders, have late night/early morning service for hours that BART is not operating. Systemwide Total Cost for this program is \$182.4 million, and Alameda County share is 88%.
308	AC Transit	Expanded Weekend Bus Service	Multi	240696	\$ 1,509.7	Increase weekend operations to meet projected demand. Systemwide Total Cost for this program is \$1,715.6 million, and Alameda County share is 88%.
309	AC Transit	Express Bus Service on Expanded HOT Lane Network	Multi	240697	\$ 1,803.2	Expanded Bus Transit Service along the Bay Area's expanded HOT Lane network. Provided expanded and more frequent services on the HOT lane network. Systemwide Total Cost for this program is \$2,049.1 million, and Alameda County share is 88%.

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310	AC Transit	Frequent Transit Network	Multi	240698	\$ 1,056.0	Expands frequent transit service within the AC Transit Service area to support increased housing and commercial density. Provides 15 minute frequency on transit routes serving the most dense parts of the region to provide an alternative to Single Auto Use. Systemwide Total Cost for this program is \$ 1,200 million, and Alameda County share is 88%.
311	AC Transit	Neighborhood Circulator	Multi	240700	\$ 162.8	Provides increased frequency and service span on neighborhood circulator service. Systemwide Total Cost for this program is \$185 million, and Alameda County share is 88%.
312	AC Transit	Supplemental School Service Increases	Multi	240701	\$ 290.4	Provides increased frequency and coverage of AC Transit supplemental school service. Systemwide Total Cost for this program is \$330 million, and Alameda County share is 88%.
88	AC Transit	Transit Service Restoration and Enhancement*	Multi	240699	\$ 1,777.6	This project would restore AC Transit operations to 2009 service levels, including frequency improvements, span of service enhancements and day of the week increases. Systemwide Total Cost for this program is \$2,020 million, and Alameda County share is 88%.
89	BART/AC Transit	Paratransit Operations (mandated and non-mandated)	Multi		\$ 1,120.0	Maintain and expand paratransit service operations
313	WETA	Provide ferry service between Berkeley/Albany and San Francisco	Multi	22511	\$ 323.0	
<b>Total by Subcategory</b>					<b>\$ 8,214.1</b>	
<b>3B. Transit Fare Incentives</b>						
90	Alameda County Office of Education	Student Bus Pass*	Multi		\$ 375.0	Provide free bus passes to all middle and high school students in Alameda County
<b>Total by Subcategory</b>					<b>\$ 375.0</b>	
<b>3C. Preventive Maintenance</b>						
91	ACE	Annual Preventive Maintenance costs for rail cars and locomotives.	South & East	240311	\$ 9.0	Annual Preventive Maintenance costs for rail cars and locomotives. <i>FORMERLY LISTED UNDER 2A TRANSIT CAPITAL REHAB</i>
92	LAVTA	Maintenance Facilities -- state of good repair	East	230151	\$ 4.1	LAVTA owns and maintains three main facilities: the administrative, operations, and maintenance facility, the Livermore Transit Center, and the Atlantis Satellite Bus Facility. As these facilities age, regular on-going maintenance, major and minor, is required to maintain the assets in a state of good repair. This program would provide on-going funding to maintain and extend the useful life of the Authority's three main facilities. <i>FORMERLY LISTED UNDER 2G MAINTENANCE FACILITIES</i>
<b>Total by Subcategory</b>					<b>\$ 13.1</b>	
<b>Overall Program Type Total</b>					<b>\$ 8,602.2</b>	<b>Proposed Total Program Allocation: \$1000.0M</b>
<b>4. Community Based Transportation Plan (CBTP) Implementation - RTP ID # 240384</b>						<i>Implement lifeline programs, and projects and programs identified in "communities of concern" (low-income areas) in CBTPs. Most of these improvements overlap with other transit, bike/ped, support services, safety. Adopted CBTPs include (City of Alameda, Central Alameda County, West Oakland, Central and East Oakland, South and West Berkeley.</i>
93	City of Emeryville	Lifeline Transportation	North	240209	\$ 0.1	Continue operation of the Emeryville Lifeline Transportation Program, a door to door shuttle called "8 to Go" for the duration of the Plan's funding cycle.
94	in Central and E. Oakland	Streetscape and bus stop improvements along transit corridors, at BART stations, and existing CEDA streetscape improvement projects	North		\$ 8.9	\$1.7 million to \$8.9 million, depending on the length of the corridor and the scope of work (e.g. whether the project includes utility undergrounding, street resurfacing, signal upgrades, landscaping, custom bus shelters or standard bus shelters, decorative paving or standard paving).
95	in Central and E. Oakland	Improve bicycle connections to BART stations Class 3A Bicycle Route on East 12th Street from Fruitvale Ave to 40th Ave (signing and striping and/or lane conversion projects)	North		\$ 0.0	\$37,500. The City of Oakland Bicycle Master Plan estimates that a Class 3A Arterial Bike Route has a unit cost of approximately \$75,000 per mile. This project is 0.50 miles in length.
96	in Central and E. Oakland	Improve bicycle connections to BART stations Class 2 Bicycle Lane on San Leandro Street from 66th Ave to 85th Ave. (signing and striping and/or lane conversion projects)	North		\$ 0.1	\$93,000. The City of Oakland Bicycle Master Plan estimates that a Class 2 Bicycle Lane has a unit cost of approximately \$100,000 per mile. This proposed bicycle lane is 0.93 miles in length.

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97	in Central and E. Oakland	Improve bicycle connections to BART stations Class 2 Bicycle Lane on Camden Street and Havenscourt Blvd from MacArthur Blvd to International Blvd (signing and striping and/or lane conversion projects)	North		\$ 0.1	\$132,000. The City of Oakland Bicycle Master Plan estimates that a Class 2 Bicycle Lane has a unit cost of approximately \$100,000 per mile. This proposed project is 1.32 miles in length.
98	in Central and E. Oakland	Improve bicycle connections to BART stations Class 2 Bicycle Lane on Fruitvale Ave from Foothill Blvd to East 12th Street (signing and striping and/or lane conversion projects)	North		\$ 0.1	\$55,000. The City of Oakland Bicycle Master Plan estimates that a Class 2 Bicycle Lane has a unit cost of approximately \$100,000 per mile. This proposed project is 0.55 miles in length.
99	in Central and E. Oakland	Coliseum BART to Bay Trail Connector Path*	North		\$ 2.2	\$2.2 million. The Alameda Countywide Bicycle Plan includes improvements to the 66th Avenue underpass.
100	in Central and E. Oakland	Bicycle Programs: Offer Road I Courses to residents in the project area	North		\$ 0.5	The cost to provide Road I courses and funding to Cycles of Change is relatively low compared to more capital-intensive projects.
101	in Central and E. Oakland	Bicycle Programs: Provide funding for Cycles of Change program	North		\$ 1.3	Increase Cycling Options for Youth and Low-Income Residents
102	In city of Alameda	Implement Bus Stop and Shelter Improvements	North		\$ 0.2	\$220 per trash can (plus \$36 weekly per trash can for servicing); approximately \$3,000 per bus stop for lighting; \$18,000 per shelter (plus \$1,500 annually per shelter for maintenance) City of Alameda
103	In city of Alameda	Improve the Pedestrian Experience in Alameda Point	North		\$ 0.3	\$500 to \$1,250 for street trees; \$250 to \$1,000 per tree for a program modeled after Urban Releaf; \$200 to \$400 per linear foot of landscaped medians, including irrigation; \$1,800 per tree in a planter box; \$20 per square foot of sidewalk repairs
104	In city of Alameda	Install Pedestrian Street Lights	North		\$ 0.5	\$8,000 to \$15,000 per lamp including trenching and electrical, plus \$100 per lamp every four years for bulb changing
105	In city of Alameda	Improve Pedestrian Access between West Alameda and Oakland	North		\$ 100.0	\$5 million for a pedestrian barge (plus \$2.5 million annually for operation); \$40 million for a one-way path for pedestrians and bicyclists in the Webster/Posey Tube
106	In city of Alameda	Increase Pedestrian Crossing Visibility and Safety	North		\$ 1.5	\$3 per linear foot for striping new crosswalks; \$80,000 to \$100,000 per lighted crosswalk; \$8,000 to \$15,000 per refuge island
107	In city of Alameda	Improve Pavement and Bicycle Striping near the Ferry Terminal	North		\$ 0.1	\$4 per square foot to repave roadways; \$2.30 per linear foot to stripe bicycle lanes
108	In city of Alameda	Create More Bicycle Lanes throughout Alameda	North		\$ 0.1	\$10,000 per linear mile
109	In city of Alameda	Increase the Bicycle Capacity Onboard Buses	North		\$ 0.1	\$900 to \$1,350 each for racks that mount to front of bus; \$500 to \$700 each for onboard racks
110	In city of Alameda	Increase Cycling Options for Youth and Low-Income Residents	North		\$ 3.7	Cycles of Changes has an annual budget of \$146,000 and financial support should contribute to this amount or augment it.
111	In city of Alameda	Increase Pedestrian and Bicyclist Safety in the Tube	North		\$ 8.3	\$7 million, plus an annual cleaning cost of \$50,000
112	In city of Alameda	Improve Bicycling Access between Alameda and Oakland	North		\$ 50.3	\$300,000 for a bicycle shuttle (plus \$2 million annually in operating costs)
113	In city of Alameda	Increase Education Regarding Bicycling Routes and Safety	North		\$ 0.2	\$500 per wayfinding signage; \$10,000 for marketing material production (plus \$5,000 per printing); contributions toward the Cycles of Change annual budget of \$146,000
114	in city of Berkeley	Expansion of Berkeley Paratransit Services Taxi Scrip Program	North			
115	in S. and W. Berkeley	Bus Stop and Shelter Improvement	North		\$ 0.1	Shelters/benches at no cost; solar powered lighting \$700 to \$3,000 per stop/shelter, transit info. \$85-\$385 each
116	in S. and W. Berkeley	Improved Pedestrian Signal Timing	North		\$ 0.1	City staff can implement
117	in S. and W. Berkeley	Improved Crosswalk Visibility at Uncontrolled Intersections	North		\$ 0.1	
118	in S. and W. Berkeley	Shared Roadway Pavement Markings	North		\$ 0.0	
119	in S. and W. Berkeley	Improved Pedestrian Lighting	North		\$ 1.0	\$768,000 to \$1,024,000
120	in S. and W. Berkeley	Secure Bicycle Parking (Provide More Locations for Safe Bicycle Storage)	North		\$ 0.1	
121	in S. and W. Berkeley	Education of Cyclists regarding Bicycle Boulevard Network	North		\$ 0.5	\$10,000 to \$20,000
122	in S. and W. Berkeley	Improved Crossing for Bicycles at Bicycle Boulevards (Improved Crossings at Bicycle Boulevards)	North		\$ 0.5	\$400,000 to \$500,000

\* Submitted by project sponsors through the *Call for Projects and Programs*

# Appendix H - Programmatically Funded Projects

## Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
123	in S. and W. Berkeley	Improved Crossing for Bicycles at Bicycle Boulevards (Shared Roadway Pavement Markings on Class II.5 Bikeways and Traffic Circle Approaches)	North		\$ 0.4	See "Improved Crossings at Bicycle Boulevards"
124	in W. Oakland	Pedestrian Improvements/Bikes Lanes: Mandela, 8th, Wood	North		\$ 1.4	
125	in W. Oakland	7th Street Streetscape Project - Phase I	North		\$ 1.3	West Oakland
126	in W. Oakland	Bike Lanes: Market Street	North		\$ 0.4	West Oakland
127	in W. Oakland	Bike Racks	North		\$ 0.0	\$150/rack
128	in W. Oakland	Cycles of Change program	North		\$ 0.2	\$90,000 for two years for O&M
129	in W. Oakland	7th Street Streetscape Project - Phase II	North		\$ 6.0	\$5-6 million
130	in W. Oakland	Bike Lanes: Grand Avenue and 14th Street	North		\$ 1.1	Grand: \$200,000-\$250,000; 14th: \$500,000-\$800,000
131	in W. Oakland	Traffic Calming: Peralta Street : Design only	North		\$ 0.1	\$100,000 (design only)
132	in W. Oakland	Bikeway: Middle Harbor Shoreline Park	North		\$ 2.0	TBD: Part of multi-million roadway project that has not been designed.
133	in W. Oakland	Subsidized car sharing-W. Oakland	North		\$ 2.8	\$110K/Year
134	in W. Oakland	Comprehensive Transportation/Land Use Plan W. Oakland CBTP	North		\$ 0.2	\$150K
135	in W. Oakland	BART underground - W. Oakland	North		\$ -	To address noise concerns. Tier 3 priority in CBTP. \$200-350M/mile. TOTAL COST ESTIMATE \$1,050M.
136	in W. Oakland	CBTP Project Implementation Assistance W. Oakland	North		\$ 0.0	\$15K
137		Medical Service Access (Taxi Return)	North		\$ 1.3	\$50k/year
138		BART Transit Village Parking	North		\$ 0.1	\$5K (community monitoring)
139	In Ashland, Cherryland and S. Hayward	Bicycle Parking	Central		\$ 0.1	Operating Costs: \$0 - \$50/year per unit for maintenance; Capital Costs: \$200 - \$450 per bike rack unit; \$3000 per 8-10 unit bike lockers
140	In Ashland, Cherryland and S. Hayward	Bus Shelters	Central		\$ 0.2	\$215,000. Operating Costs: Up to several thousand dollars per year (depending on vandalism); Capital Costs: Free per high-traffic location
141	In Ashland, Cherryland and S. Hayward	Sidewalks in Cherryland	Central		\$ 36.0	\$36,000,000. Operating Costs: Some maintenance costs; Capital Costs: \$500,000 per block
142	In Ashland, Cherryland and S. Hayward	Lighting	Central		\$ 0.1	\$120,000. Operating Costs: \$42/year per unit (electric charge only); \$95 - \$120/year electricity and maintenance; Capital Costs: \$12,000 for a new light pole; \$2,000 - \$3,000 if light can use an existing pole and wiring
143	In Ashland, Cherryland and S. Hayward	Bicycle Lanes	Central		\$ 0.3	Operating Costs: Some maintenance costs included as part of street maintenance costs; Capital Costs: \$30,000 per roadway mile for striping and signage
144	In Ashland, Cherryland and S. Hayward	Bicycle Purchase Assistance	Central		\$ 1.0	Operating Costs: program cost depends on available funds - \$20,000/year for administration as part of an existing program; Capital Costs: \$200/bicycle, lock, and helmet
145		Bus Shelters	Central		\$ 0.2	One-time cost for forty shelters
146		Transportation Information on Cable Television	Central		\$ 0.0	One-time cost to adapt existing video
147		Information Center	Central		\$ 0.1	2 Communities (\$60K each per year) plus equipment (\$20K one-time)
148		Information at Stops and on Buses	Central		\$ 0.0	Info at shelters for both equipment and materials
149		Bicycle Purchase Assistance	Central		\$ 0.1	To provide 200 bicycles, the minimum to justify administrative costs is \$20K. per year
150		Bicycle Racks	Central		\$ 0.0	5 per community (for 3 communities)
152		BART Noise Study	Multi			Reduce noise impacts for neighborhoods
153		BART Rail Grinding	Multi			Reduce vibration impacts on neighborhoods
<b>Total by Subcategory</b>					<b>\$ 236.2</b>	
<b>Overall Program Type Total</b>					<b>\$ 236.2</b>	<b>Proposed Total Program Allocation: \$83.0M</b>

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# Appendix H - Programmatically Funded Projects

## Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
<b>5. Local Road Improvements Program - RTP ID # 240386</b>						<b>Major Arterial Performance Initiative Program, safety, grade separations, signals, complete streets, signage, coordination with freeways</b>
154		Congestion relief	Multi			Congestion relief on local streets and roads
<b>Total by Subcategory</b>					\$	-
<b>5A. Major Arterial Performance Initiative Program</b>						
155	ACTC	Arterial Performance Initiative Program	Multi	230224	\$ 200.0	Focus on Metropolitan Transportation System (MTS), a companion to MTC's Freeway Performance initiative. This would include improved mobility, management of the existing system and meeting environmental targets through signal interconnect, transit priority, incident management, traveler information and intersection improvements.
<b>Total by Subcategory</b>					\$	<b>200.0</b>
<b>5B. Safety Improvements / Grade Separations</b>						
159	City of Berkeley	Ashby/State Route 13 Disaster Resilience	North	240266	\$ 54.9	Undergrounding of utilities on Ashby/State Route 13 to ensure resiliency of emergency evacuation routes in the event of a disaster.
160	City of Emeryville	Local Road Safety - rail improvements at 65th, 66th, 67th Streets	North	240199	\$ 4.9	Rail safety improvements consisting of 4-quad gates and detection technology at local roadway crossings at the UPRR main line at 65th, 66th and 67th Streets consistent with Quiet Zone approval.
161	City of Oakland	Local Road Safety Program: Railroad Crossings, Street Realignments	North	240221	\$ 7.5	Improving Railroad Crossings - existing rail crossings are generally deficient in gate arms and warning lights, at grade cross-track sidewalk access and ADA access, paving, signage, pavement markings.
162	City of Oakland	Local Road Safety	North	240222	\$ 10.0	Street Realignments, signal modifications, intersection modifications, guardrail installation, shoulder construction and other measures to increase the safety of existing roadways.
163	City of Oakland	Laurel District Safety and Access on MacArthur, from High Street to Seminary (LAMMPS)	North	240277	\$ 20.3	Improve safety along MacArthur Blvd between High Street and Seminary by altering lane widths, installing additional traffic signals, adding bike lanes, a path, and pedestrian crossings; move curb and gutter in sections of the street, relocate utility poles to provide ADA width sidewalks, provide retaining wall in one location.
165	Alameda County	Redwood Road/A Street Improvements (I-580 to Hayward city limits)	Central	240111	\$ 9.0	The project will improve significantly improve bicycle and pedestrian safety and access along Redwood Road / A Street between I-580 and Hayward city limit. The project includes, wider sidewalk, bicycle lanes, median islands, and improve crosswalks.
166	Alameda County	Redwood Road Safety Improvement Project (Castro Valley to Oakland)	Central	240325	\$ 47.0	The project will improve significantly improve bicycle and pedestrian safety and access along Redwood Road between Oakland City limits and Buti Park in Castro Valley. The shoulder widening will make the roadway complete for bicyclist and pedestrians. The project construction would be completed in ten phases.
170	City of Fremont	Vargas Road Safety Improvement Project from I-680 to the Vargas Plateau Regional Park	South	240265	\$ 5.0	Widening of Vargas Road from Pico Road to Morrison Canyon Road and widening of Morrison Canyon Road from Vargas Road to County Line to 18' wide paved road with 1' shoulder on each side and turnouts
173	Alameda County	Patterson Pass Road Safety Improvements Project	East	240095	\$ 94.0	The project includes roadway realignment, shoulder widening, retaining wall systems, and guardrail modifications along Patterson Pass Road between Cross and Midway. The shoulder widening will make the roadway complete for bicyclists and pedestrians. The project construction would be completed in six phases.
174	Alameda County	Tesla Road Safety Improvements Project	East	240096	\$ 145.0	The project includes roadway realignment, shoulder widening, retaining wall systems, and guardrail modifications along Tesla Road between Greenville Road and the San Joaquin County line. The shoulder widening will make the roadway complete for bicyclist and pedestrians. The project construction would be completed in ten phases.
175	Alameda County	Altamont Pass Safety Improvements Project	East	240097	\$ 8.4	The project includes roadway realignment, shoulder widening, retaining wall systems, and guardrail modifications along Altamont Pass Road between. The shoulder widening will make the roadway complete for bicyclist and pedestrians.
176	Alameda County	Vasco Road Safety Improvements Project Phase II	East	240098	\$ 27.0	The project includes roadway realignment, shoulder widening, installation of median barriers along Vasco Road between Contra Costa County and the City of Livermore.
177	City of Pleasanton	(Local Road Safety )Re-alignment and addition of bike lanes to Foothill Road between Muirwood Drive North and Highland Oaks	East	240286	\$ 1.3	Re-alignment and addition of bike lanes to Foothill Road between Muirwood Drive North and Highland Oaks
178		Safety improvements	Multi			Examples include rail crossings, roadway crossings, etc.
179		Grade separations	Multi			Grade separations at rail lines and major roadways for safety for auto/ bike / pedestrians
<b>Total by Subcategory</b>					\$	<b>434.3</b>

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# Appendix H - Programmatically Funded Projects

## Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
<b>5C. Street-scape Improvements / Complete Streets</b>						
180	City of Alameda	Shoreline Drive streetscape: bicycle, transit, and pedestrian access improvements	North	240080	\$ 19.1	Provides an enhanced Class I bike path with a landscaped median and gateway features on and near Shoreline Drive. Improved landscaping and gateway features. Improved bus stops, bicycle parking and pedestrian scaled lighting. The project also includes constructing an enhanced bicycle/pedestrian bridge on Bay Farm Island to replace the existing "Wooden Bridge", which was built in the early 1980s.
181	City of Albany	State Highway Preservation (San Pablo Ave?)	North	240354	\$ 2.9	The proposed project entails implementing median, sidewalk and crosswalk improvements to make this roadway easier to navigate for pedestrians and to create a more enticing environment that attract pedestrian oriented businesses.
182	City of Berkeley	Complete Streets: Streetscape Improvements & Pedestrian Plan Implementation	North	240197	\$ 26.9	Implement Berkeley Pedestrian Master Plan, adopted 6/10. The Plan includes well developed conceptual plans, which include Safe Routes to Schools, and Safe Route to Transit elements. <i>PREVIOUSLY LISTED UNDER 1C: LOCAL BIKE/PED PLAN</i>
183	City of Berkeley	(Complete Streets) Non-Capacity Increasing Local Road Intersection Modifications and Channelization	North	240228	\$ 38.5	Berkeley Complete Streets Road Network Improvements. Restore 1-way streets to 2-way operation per Southside Plan. Reconfigure Shattuck Avenue in Downtown Berkeley for continuous 2-way traffic on west leg of Shattuck Square per Downtown Plan. Implement West Berkeley Circulation Master Plan. Study and develop reconfiguration designs for Adeline per UC Berkeley Study.
184	City of Berkeley	Complete Streets: Roadway Network Improvements	North		\$ 11.0	Southside roadway reversion to 2-way. Shattuck Ave/Square 2-way west leg. West Berkeley Circulation Master Plan. Adeline/Ashby corridor. Berkeley Comments: • Critical Initiative #4 - Southside Plan Implementation • Critical Initiative #1080 - Downtown Plan • Critical Initiative #1041 - West Berkeley Circulation Master Plan • Departmental Initiative #936: Traffic Signal Priorities
185	Alameda County	Castro Valley Blvd Streetscape Improvements Project Phase II	Central	240102	\$ 18.0	To create a safe, comfortable and attractive pedestrian main street for downtown Castro Valley, a series of street improvements along Castro Valley Boulevard between San Miguel and Strobbridge. Calm the traffic environment by reconfiguring traffic lanes and providing on-street parking with shared bicycle access while still maintaining adequate traffic capacity on the Boulevard. Create a beautiful and inviting pedestrian environment that will encourage the community to access Castro Valley Boulevard for shopping, dining and entertainment by providing widened sidewalks with ample seating areas, a canopy of street trees and planter beds, landscaped bulb-outs, street furnishings and gateway markers.
186	Alameda County	E. 14th / Mission Blvd. Streetscape Improvements Project Phase II & III*	Central	240103	\$ 25.8	E. 14th Street/Mission Blvd. (Route 185) Streetscape Improvement Project extends from 162nd Avenue to Rufus Court (Hayward City Limit). The project features include new widen sidewalks, transit stop improvements, intersection bulb-outs, landscaping, and raised medians.
187	Alameda County	Hesperian Blvd Streetscape Improvements Project	Central	240104	\$ 11.8	The project includes installing wider sidewalks, reducing travel lanes, improving transit facilities, planting street trees, constructing medians, and enhancing pedestrian lighting along Hesperian Blvd. between San Leandro city limit and Hayward city limit
188	Alameda County	East Lewelling Blvd. Streetscape Improvements Project Phase II	Central	240110	\$ 21.5	The project includes wider sidewalks, bicycle lanes, median islands, and landscaping along E. Lewelling Blvd. between Mission Blvd. and Meekland Avenue.
190	City of Dublin	Iron Horse bicycle, pedestrian and transit route	East	21460	\$ 12.8	A bicycle/pedestrian/roadway and transit lane in existing Alameda County right-of-way between the East Dublin BART station and Dougherty Road and widening of Dougherty Road from Scarlett Drive to North City Limit to accommodate transit and bicyclists. Environmental review and preliminary engineering is complete.
191	City of Pleasanton	Complete Streets Project in Hacienda Business Park	East	240184	\$ 7.5	Redesign and construction of existing 4, 5 and 6 lane arterial and collector roadways in Hacienda Business Park to a complete street design that incorporates bike lanes, friendly transit stops, improved streetscapes and wide and connected walking paths.
192		Complete Streets - implementation	Multi			Implementation of Complete Streets to improve mobility for all modes: transit, bike, walking, driving
<b>Total by Subcategory</b>					<b>\$ 195.8</b>	
<b>5D. Coordination with Freeways</b>						
194		Better coordination between freeway and local streets	Multi			Improve connections between local streets and freeways
<b>Total by Subcategory</b>					<b>\$ -</b>	
<b>5E. Traffic calming</b>						
195	City of Oakland	Harrison-Oakland Avenue Major Street Improvements	North	240278	\$ 12.4	Redesign and construct the Harrison-Oakland Avenue couplet as two two-way streets. Incorporate bicycle facilities, bus enhancements, and pedestrian crossings.
196	City of Hayward	(Traffic Calming) Local Road Safety	Central	240029	\$ 5.0	A lump sum to implement various traffic calming measures on local residential streets
<b>Total by Subcategory</b>					<b>\$ 17.4</b>	
<b>5F. ITS/Signals</b>						

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# Appendix H - Programatically Funded Projects

## Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
197	City of San Leandro	Traffic Signal Systems Upgrade	Central	230198	\$ 2.8	Provides citywide traffic signal system elements to provide an ITS including new controllers, system communication, facilities, detection, upgrades and relocations, emergency vehicle preemption, speed, level of service monitoring along with advance detection and implementation of Adaptive Traffic Control on critical corridors of Hesperian Bl, Washington Av, San Leandro Bl, Marina Bl, Doolittle Dr, Bancroft Av, Davis St and East 14th St. and all arterials.
198		ITS/SMART Corridors	Multi			Ongoing implementation
<b>Total by Subcategory</b>					<b>\$ 2.8</b>	
<b>5G Signage</b>						
199		Wayfinding Signage	Multi			Installation of effective wayfinding signage
<b>Total by Subcategory</b>					<b>\$ -</b>	
<b>Overall Program Type Total</b>					<b>\$ 850.3</b>	<b>Proposed Total Program Allocation: \$475.0M</b>
<b>6. Local Streets and Roads Operations and Maintenance (O&amp;M) Program - RTP ID # 240387</b>						
<b>6A. Pavement Rehabilitation</b>						
201	City of Oakland	(Pavement) Non-Capacity Increasing Local Road Rehabilitation	North	240219	\$ 487.0	Rehabilitate Oakland Streets, including street resurfacing, preventive maintenance, sidewalk repair and replacement, ADA curb ramp installation, and bus pad installation. <i>FORMERLY LISTED UNDER 6B</i>
203	City of Newark	(Pavement) Local Streets and Roads O&M	South	240285	\$ 62.5	Newark local streets and roads maintenance including pavement resurfacing, pedestrian and bicycle infrastructure replacement, restriping, base failure repair, etc. <i>FORMERLY LISTED UNDER 6B</i>
204	City of Livermore	(Pavement) Local Streets and Roads O&M	East	240298	\$ 134.0	Livermore's Pavement Maintenance Needs 2015-2035 derived from MTC P-TAP Round 11 Pavement Management Update Report <i>FORMERLY LISTED UNDER 6B</i>
205	Alameda County	Pavement rehabilitation	Multi	240108	\$ 15.2	Pavement Rehabilitation at various locations in Alameda County unincorporated areas
206		Pavement rehabilitation	Multi			Pavement rehabilitation and resurfacing to meet local PCI targets
<b>Total by Subcategory</b>					<b>\$ 698.7</b>	
<b>6B. Maintenance / Operations</b>						
207	City of Alameda	Local Streets and Roads O&M	North	240187	\$ 50.0	This project will provide funding for maintenance and rehab of Alameda streets. The funding will also be used for maintaining ITS infrastructure in the City.
208	City of Albany	Local Streets and Roads O&M (Solano Ave btw Masonic and Berkeley city limit)	North	240342	\$ 2.5	This project entails pavement resurfacing and implementation of pedestrians improvements, such as bulb outs at intersections, curb ramps, and visible crosswalks at selected intersections along Solano Avenue from Masonic Avenue to the Berkeley City Limit.
209	City of Albany	Local Streets and Roads O&M (Cleveland Ave)	North	240343	\$ 2.7	Project located between the intersection of the Richmond City Limits and Buchanan Avenue. Project includes pavement resurfacing, utility undergrounding, and installation of bike lanes.
210	City of Berkeley	Local Streets and Roads O&M	North	240224	\$ 71.2	Rehabilitate and repair local streets and roads in Berkeley following Complete Streets policies, including street resurfacing, preventative maintenance, sidewalk repair and replacement, ADA curb ramp installation, bus pad installation and low-impact development Green Streets elements where feasible. <i>FORMERLY LISTED UNDER 5E COMPLETE STREETS</i>
211	City of Oakland	Arterial Management Program City of Oakland ITS Local Streets and Road Operations: Citywide Intelligent Traffic System (ITS), Signal Operations	North	230169	\$ 26.9	Provides ITS elements including new controllers, signal interconnect/coordination, transit priority, speed and level of service monitoring, real time arrival information, CCTV, incident management, and emergency vehicle preemption along Hegenberger Road, 73rd Avenue, 98th Avenue, East 14th Street, International Boulevard, San Leandro Street, High St, MacArthur Boulevard, Telegraph Avenue and Broadway.
212	City of Oakland	Local Streets and roads O&M: Repair and maintenance of street system (excluding roadway rehab and repair). Includes Signal Operations, Striping and Signs maintenance	North	240220	\$ 12.5	Repair and maintenance of street system (excluding roadway rehab and repair). Includes Signal Operations, Striping and Signs maintenance
213		O&M for local streets and roads	Multi			Support maintenance and operations of local streets and roads infrastructure
<b>Total by Subcategory</b>					<b>\$ 165.8</b>	
<b>6C. ITS/Signals</b>						
214	ACTC	I-80 ICM San Pablo Corridor Arterial & Transit Improvement Project	North	230226	\$ 25.2	Arterial component of I-80 ICM project. This is the corridor management along parallel arterials and the connecting roadways across Alameda County and Contra Costa County along the Interstate 80 (I-80) corridor.
215	City of Livermore	I-580 SMART corridor (Local Streets and Roads) O&M - Livermore share	East	240300	\$ 2.0	Livermore's share of I-580 Smart Corridor operations and maintenance plus local coordinated signal systems
216		SMART corridors coordination	Multi			Ongoing program operation
<b>Total by Subcategory</b>					<b>\$ 27.2</b>	
<b>Overall Program Type Total</b>					<b>\$ 891.7</b>	<b>Proposed Total Program Allocation: \$220.0M</b>

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# Appendix H - Programmatically Funded Projects

## Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
<b>7. Highway, Freeway - Safety and Non-Capacity Improvements - RTP ID # 240388</b>						<i>Interchange improvements, freeway operations and maintenance, soundwalls, ramp metering</i>
<b>7A Interchange Improvements</b>						
217	City of Berkeley	Interchange improvements	Multi			
<b>Total by Subcategory</b>					\$ -	
<b>7B Operations/Safety</b>						
218	City of Berkeley	Congestion relief	Multi			Ongoing program for congestion relief on/for freeways/highways
219	City of Berkeley	Safety improvements	Multi			Ongoing program for safety improvements on/for freeways/highways
<b>Total by Subcategory</b>					\$ -	
<b>7C Maintenance</b>						
220	City of Berkeley	Maintenance of state highways	Multi			Maintenance of state highways and freeways
<b>Total by Subcategory</b>					\$ -	
<b>7D Soundwalls</b>						
221	City of Berkeley	I-80 Aquatic Park Soundwall	North	240252	\$ 17.3	Construct innovative soundwall on Interstate 80/580 at Aquatic Park between University Avenue Interchange and Ashby Avenue Interchange.
222	ACTC	Soundwalls - Central Alameda County Freeway Study	Central	230094		To provide funds to construct soundwalls in the Central Alameda County Freeway Study area corridor at locations that are not associated with a specific LATIP project.
223	ACTC	Soundwalls	Multi	98208	\$ 10.0	Fulfills a countywide programmatic set aside to construct soundwalls
<b>Total by Subcategory</b>					\$ 27.3	
<b>7E Freeway Service Patrol</b>						
224	City of Berkeley	Freeway Service Patrol	Multi			Ongoing operation of the regional Freeway Service Patrol tow-truck service
<b>Total by Subcategory</b>					\$ -	
<b>7F ITS</b>						
225	City of Berkeley	Maintenance of state highways ITS systems	Multi			Maintenance of ITS on state highway system
<b>Total by Subcategory</b>					\$ -	
<b>Overall Program Type Total</b>					\$ 27.3	<b>Proposed Total Program Allocation: \$50.0M</b>
<b>8. Bridge Improvements Program - RTP ID # 240389</b>						<i>Bridge operations, replacement, repair, maintenance and expansion</i>
<b>8A Bridge Replacement/ Retrofit/Repair</b>						
<b>Total by Subcategory</b>					\$ -	
<b>8B Bridge Expansion and Maintenance</b>						
<b>Total by Subcategory</b>					\$ -	
<b>8C Bridge Operations</b>						
230	Alameda County	Estuary Bridge Operations	North	240105	\$ 60.0	Maintain and operate High Street, Park Street, and Miller Sweeney (Fruitvale) bridges that connect the City of Oakland and the City of Alameda.
<b>Total by Subcategory</b>					\$ 60.0	
<b>Overall Program Type Total</b>					\$ 60.0	<b>Proposed Total Program Allocation: \$100.0M</b>
<b>9. Transportation &amp; Land Use (PDA/TOD Program) - RTP ID # 240391</b>						<i>Supports Priority Development Areas (PDA) and Transit Oriented Development (TOD) through transit, bike, pedestrian, CEQA mitigation and other transportation/land use improvements. (Overlaps with other program categories)</i>
231	City of Berkeley	San Pablo Avenue Public Improvements	North	240214	\$ 29.9	Implement the San Pablo Avenue Public Improvements Plan in Berkeley to support focused growth along designated PDA corridor.
232	City of Berkeley	Transit-Oriented Development Access Infrastructure	North	240321	\$ 40.0	To provide necessary infrastructural investments to support focused growth in Transit-Oriented Developments in Berkeley, including Downtown Berkeley and the Ashby BART Station, and all of Berkeley's designated PDAs
233	City of Berkeley	Ashby BART TOD & Station Capacity Expansion*	North	230135	\$ 20.0	Develop Transit Oriented Development on west parking lot of Ashby BART Station, including supportive, workforce, and affordable housing, replacement BART parking, improved bike, ped, and transit access, BART Capacity improvements include new escalators.
56	City of Berkeley	Downtown Berkeley BART Plaza and Transit Area Enhancements	North	240217	\$ 4.0	Complete construction of all elements of Downtown Berkeley BART Plaza improvements, including transit architecture (custom bus shelter, BART primary (rotunda) & secondary entrance canopies), wayfinding signage, capacity improvements, and place-making through new hardscape, street furniture, public art, street trees, and low impact development features.
234	City of Oakland	Coliseum/Oakland Airport BART Transit Enhancements (Coliseum BART parking structure)	North	240230	\$ 105.0	Transit Village - Coliseum/Oakland Airport BART. Construction of structured parking to replace current surface lot at the BART station. Reconfigured and expanded connections between BART/Oakland Airport Connector/Capitol Corridor/Oakland Coliseum Arena.
235	City of Oakland	West Oakland PDA/TOD Transit Enhancements*	North	240231	\$ 20.6	West Oakland PDA Transit Enhancement. This project includes improvements to all modes, including streetscape, bike and ped access, and infrastructure enhancements to encourage development and reuse around the West Oakland BART station and environs.

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## Appendix H - Programmatically Funded Projects

### Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
236	City of Oakland	Fruitvale/Diamond PDA: Transit Enhancements*	North	240233	\$ 35.4	Fruitvale/Diamond PDA Transit Enhancements - Streetscape improvements including pedestrian-scaled lighting, Sidewalk and pedestrian crossing improvements, landscaping, bus shelters, and bicycle facilities.
237	City of Oakland	Eastmont Transit Center PDA: Transit Enhancements	North	240234	\$ 19.7	Eastmont Transit Center PDA - planning and construction of bicycle, pedestrian and transit improvements at the Eastmont Transit Center and along major bus route corridors along 73rd Avenue, MacArthur Boulevard, Foothill Boulevard and Bancroft Avenue within the PDA.
238	City of Oakland	MacArthur BART Station PDA/TOD: Transit Enhancements*	North	240235	\$ 13.5	MacArthur BART Station Priority Development Area - enhanced bicycle, pedestrian, and transit connections to the BART station within the PDA boundaries. Projects include streetscape improvements on Telegraph Avenue, Martin Luther King, Jr. Way, and West MacArthur Boulevard, and bicycle connectivity improvements.
239	City of Oakland	Lake Merritt BART Specific Plan Implementation.: Transit Enhancements*	North	240236	\$ 5.0	Lake Merritt BART Specific Plan Implementation. Upon completion of the Specific Plan, numerous improvements will be required to re-connect the component areas of the study through multiple transportation improvements: Chinatown, Lake Merritt BART station area, Laney College, Oakland Museum, Jack London Square area, and the Estuary. Probable projects include bicycle lanes and paths, transit circulators, improved and redesigned streets, bridges, and streetscapes, sidewalks, and a possible parking garage. Because the Plan is not yet complete, we recommend a placeholder of \$5 million in the CWTP to ensure that the plan process, EIR, and any additional studies can be completed prior to design development and construction requests.
240	City of Oakland	Broadway Valdez Specific Plan Area Transit Access Improvements	North	240323	\$ 5.9	Broadway Valdez Specific Plan Area Transit Access Improvements.
241	City of Oakland	TOD: 19th Street BART*	North			
242	Alameda County	Castro Valley BART TOD	Central			
243	City of San Leandro	Downtown San Leandro TOD*	Central	240269	\$ 70.0	This project constructs street and pedestrian improvements in the Downtown San Leandro TOD area to encourage transit oriented development within walking distance to the downtown core, San Leandro BART and East 14th Street.
244	City of San Leandro	Bay Fair BART Transit Village (TOD)	Central	240296	\$ 70.0	This project constructs street and pedestrian improvements in the Bayfair BART PDA area to encourage transit oriented development within walking distance to the Bayfair BART Station, Bayfair Mall, Hesperian Blvd and East 14th Street.
245	City of San Leandro	San Leandro City Streetscape Improvements	Central	240271	\$ 10.0	Pedestrian, bicycle, streetscape, transit center, traffic safety, signal and parking improvements to support Transit Oriented Development along major travel corridors in San Leandro including MacArthur Blvd, Marina Blvd, Doolittle Dr., Bancroft Drive, W. Juana Ave and Davis Street. <i>FORMERLY LISTED UNDER 5C STREETScape IMPROVEMENTS</i>
246	City of Fremont	Fremont Boulevard Streetscape Project ( <i>Centerville PDA</i> )	South	240257	\$ 7.4	The Centerville PDA is one of the key locations in the City's vision to become "strategically urban" and Fremont Boulevard streetscape improvements is one of the highest-priority implementation measures in the entire Framework Plan. The City seeks funding for the following changes to Fremont Boulevard in order to promote an attractive pedestrian area and "complete street" in the heart of the Centerville PDA surrounding the Centerville Train Station: narrowing lane widths/eliminating travel lanes, introducing on-street parking to slow traffic; adding bulbouts, crosswalks, medians, and landscaping; adding new street furniture, street lighting, and signage; adding bike lanes and bicycle parking. <i>FORMERLY LISTED UNDER 5C STREETScape IMPROVEMENTS</i>
247	City of Fremont	Downtown Pedestrian Streetscape Improvements on Capitol Avenue and New Middle Road in Central Fremont PDA	South	240258	\$ 77.3	Fremont's 110-acre Midtown District is planned as the heart of the Central Fremont Priority Development Area (Central PDA), a mixed-use transit-oriented district located between the Fremont BART Station and the Fremont Boulevard transit corridor. Currently, the Midtown district street network does not fully support the planned future uses: a new street (referred to as "New Middle Road") and the extension of another street (Capitol Ave. from State Street to Fremont Blvd.) are necessary to provide connectivity and to reduce block lengths to a comfortable walking distance. This project proposes to construct the two new street segments and associated streetscapes, and to upgrade the streetscape along the existing length of Capitol Ave. with enhanced landscaping, paving materials, street furniture and street lighting. This attractive public space will encourage pedestrian activity and serve as the cultural, civic, and entertainment center for Fremont over the next 20 years.
60	City of Fremont	BART Warm Springs Station West side Access Improvements	South		\$ 11.0	The proposal is to construct station access structure on the west side of the new Warm Springs BART Station. The purpose is to provide access to BART from the proposed 480-acre TOD area west of the new BART station. The access to transit from this site is vital to successful development of the area for mixed uses comprising of residential/commercial/R&D. The \$11 m project cost includes the full cost of a BART bridge, including 20-foot wide bridge, ramps, elevators, canopy, lighting, additional fare gates, ticket vending machines, and a station agent booth on the west side of the station. It also includes acquisition of two acres where the access structure lands
248	City of Newark	Dumbarton TOD Transportation Infrastructure Improvements	South	240293	\$ 1.2	Provide funding for infrastructure support to Priority Development Areas, including the City of Newark's Dumbarton TOD Project.

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## Appendix H - Programmatically Funded Projects

### Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
249	City of Dublin	Dublin TOD : West Dublin and downtown Dublin Program*	East		240267 \$	15.1 This program consists of street improvements and pedestrian enhancements within Downtown Dublin (a Priority Development Area) to support and encourage transit oriented development within walking distance of the West Dublin BART Station.
250		TOD / PDA - plans and implementation program	Multi			Develop PDA, TOD and GOA plans and implement plan recommendations
251	ACTC	CEQA Mitigation Toolkit (for land use)	Multi			Develop a toolkit for land-use development that supports SCS
252	BART	Station Access projects (Alameda County portion)	Multi		22675 \$	344.1 Combines parking, smart growth / TOD, transit connectivity, bicycle / pedestrian, signage and other access modes essential to meet growing demand for BART services. Prices are broad brush, but comprehensive station plans in tandem with VTA's BART capacity study will give better definition to this large project over time.
<b>Total by Subcategory</b>					\$	<b>905.1</b>
<b>Overall Program Type Total</b>					\$	<b>905.1 Proposed Total Program Allocation: \$200.0M</b>
<b>10. Planning/Studies - RTP ID # 240392</b>			<b>Planning studies and implementation</b>			
<b>10A Planning Studies and Implementation</b>						
253	City of Berkeley	West Berkeley Circulation Master Plan Implementation	North		240229 \$	26.7 Implement multi-modal access and circulation projects identified in West Berkeley Circulation Master Plan and West Berkeley Project Environmental Impact Report.
254	City of Berkeley	I-80 University Ave interchange - Study and Design	North		240164 \$	33.1 Study and develop design of a full interchange for Interstate 80/580 at University Avenue in Berkeley to enable eastbound I-80 vehicles to exit and travel westbound.
255	City of Emeryville	Regional Planning and Outreach - develop a CBTP	North		240242 \$	- Develop a Community Based Transportation Plan to: 1) provide reliable, safe, and affordable access to regional transit infrastructure in adjacent communities (Oakland and Berkeley) to residents of Emeryville; and 2) in collaboration with Oakland and Berkeley provide reliable, safe and affordable access to Emeryville jobs and retail destinations to the residents of West Berkeley and North Oakland, by addressing barriers to cross-jurisdictional, multimodal travel. <i>FORMERLY LISTED UNDER 4 CBTP</i>
256	ACE	Altamont Corridor Acquisition & Development/Short Haul Freight (Planning and Environmental phase)	South & East		240276 \$	- Contributes local share of continuing the planning and environmental work after the HSRA funded the first 20 months of the project team effort. Given the state budget crisis, HSRA funding for this Phase II Corridor is unlikely. This funding would move the project from the Alternative Analysis to the final stages of the EIR/EIS.
257	ACE	Marketing strategies study	South & East		240299 \$	0.1 Marketing Strategies Study identifying what keeps commuters in their cars and out of public transit. Similar to the Caltrans license plate study, the Altamont Commuter Express seeks to gain a deeper understanding of why commuters continue to drive over the Altamont Pass amongst some of the most congested highways in California instead of taking alternative modes of transit. This study would identify deep consumer insights to help ACE develop and implement effective marketing and communication strategies aimed at digging deeper into the commuters' thoughts and feelings about their car, public transit, traffic congestion, etc. This study will identify the deep mental and emotional universal orientations that structure and guide how people think, feel, and act with regard to commuting.
258	ACE	Northern California Mega Region Rail Plan	Multi		240301 \$	0.1 This plan will examine how current and planned rail systems (ACE, BART, CalTrain, Amtrak San Joaquins, Amtrak Capitol Corridor, SMART, CAHSR) integrate with each other, other modes of transit, the transportation network, and land use patterns.
259		Planning studies for corridors, specified areas, programs and projects	Multi			Ongoing program. Examples of potential studies include: corridor studies, PDA/GOA plans, freight-movement, etc
<b>Total by Subcategory</b>					\$	<b>60.0</b>
<b>Overall Program Type Total</b>					\$	<b>60.0 Proposed Total Program Allocation: \$50.0M</b>

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# Appendix H - Programmatically Funded Projects

## Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
<b>11. Transportation Demand Management (TDM), Outreach, and Parking Management Program - RTP ID # 240393</b>						<i>Range of TDM and Outreach programs including Guaranteed Ride Home, Safe Routes to School (SR2S), Safe Routes to Transit (SR2T), Travel Choice, Travel Training. Parking Management includes parking cash out, variable pricing</i>
<b>11A Parking programs</b>						
260	City of Berkeley	Downtown Berkeley Transit Center Parking Facility	North	240215	\$ 32.5	Replace Center Street Garage with new public parking facility to serve the Downtown Berkeley BART Station and proposed Transit Center. The Downtown Berkeley Transit Center Parking Facility will serve visitors to Berkeley and travelers connecting to BART, AC Transit, and Lawrence Berkeley National Lab and UC Berkeley shuttles.
261	City of Emeryville	Parking Management	North	240195	\$ 1.8	This project includes the second phase of the Emeryville Parking Policy and Management Implementation Plan. Phase II involves installation of 31 multi-space meters timed for short term use and 63 meters timed for long-term use in the North Hollis area, except for the low/medium density neighborhood east of Doyle Street as identified in March 2010
262	City of Oakland	Parking Management	North	240239	\$ 10.0	Completion of a parking management plan incorporating market based pricing and regular review of parking occupancy and pricing to best serve parking demand. Installation of modern single space and multi-space meters, directional signage, automated occupancy detectors, and other appropriate technology.
263	City of Pleasanton	Park and Ride construction on Bernal Avenue	East	240165	\$ 2.4	Construction of a 100 stall park and ride facility adjacent to the Bernal at I-680 interchange
264		Parking programs / projects	Multi			Parking upgrades (infrastructure, equipment)
265		Parking Management/Policies	Multi			Parking policies, demand management, pricing, unbundling, etc
<b>Total by Subcategory</b>					<b>\$ 46.7</b>	
<b>11B Transit Cards</b>						
266		Transit cards	Multi			Examples include Clipper card, discounted fares, multi-purpose smartcards, etc
<b>Total by Subcategory</b>					<b>\$ -</b>	
<b>11C School Programs/ Promotion</b>						
267	City of Oakland	Local Road Safety - Neighborhood Traffic Safety Program and Safe Routes to Schools programs	North	240223	\$ 10.0	Neighborhood Traffic Safety Program and Safe Routes to Schools programs. Includes school safety and neighborhood traffic reviews and public education and crossing guards, as well as installation of hardscape traffic calming devices (bulbouts, pedestrian safety refuges, etc)
268	In city of Alameda	Expand the Safe Routes to Schools Program	North		\$ 12.5	<i>Included in the Community Based Transportation Plan</i>
269		Outreach to schools/ students	Multi			Outreach to schools and school districts for promoting alternative modes, as well as coordination in land-use/ PDA development
270		Crossing guard program	Multi		\$ 30.4	Support for crossing guard programs. <i>FORMERLY LISTED UNDER 1-BICYCLE AND PEDESTRIAN PROGRAM</i>
271		Safe Routes to School implementation	Multi			Ongoing program implementation
<b>Total by Subcategory</b>					<b>\$ 52.9</b>	
<b>11D Greenhouse gas (GHG) Reduction</b>						
272		GHG reduction	Multi			Supports local Climate Action Plans, SCS, or addresses sea-level change
<b>Total by Subcategory</b>					<b>\$ -</b>	
<b>11E Transportation Demand Management (TDM)</b>						
273	City of Berkeley	Parking Value-Pricing Parking/TDM Program	North	230122	\$ 11.4	Enlarge Berkeley's pilot Value-Priced Parking and Transportation Alternatives TDM Program. Elements include upgrades to parking meters, occupancy analysis, demand-responsive pricing, enhanced enforcement, 511 Park info and wayfinding signage . Coordinated with marketing, transit passes, carsharing expansion, bikesharing, bike/ped and other TDM programs.
274	City of Oakland	Transportation Demand Management (Downtown)	North	240238	\$ 10.0	Downtown TDM program, including operating support for free downtown shuttle circulator (The "Free B"), TDM coordination, funding of employee Transit Pass programs, and other TDM strategies, and planning for future downtown mobility improvements
275	ACTC	Develop Countywide TDM/parking guidelines/ technical assistance program	Multi			
276		Guaranteed Ride Home Program	Multi			Ongoing program implementation. <i>Also an element of Program 4 CBTP</i>
277		Travel training	Multi			Programs to educate people how to use transit , tailored to their needs. <i>FORMERLY LISTED UNDER 11J</i>
278		Safe Routes to Transit	Multi			<i>(Moved from 10B)</i>
<b>Total by Subcategory</b>					<b>\$ 21.4</b>	
<b>11F Pricing Programs</b>						
279		Pricing programs	Multi			Examples include congestion pricing, HOT lanes, variable parking fees
<b>Total by Subcategory</b>					<b>\$ -</b>	

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## Appendix H - Programmatically Funded Projects

### Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
<b>11G Shuttles, Streetcars - Alternatives to Fixed Transit</b>						
280	in Oakland	Senior Shuttle Expansion	North		\$ 0.1	City of Oakland or Bay Area Community Services (BACS) O&M Costs \$85K/year
281	in W. Oakland	Youth library shuttle-W. Oakland	North		\$ 1.5	\$50-60K/Year. Included in the Community Based Transportation Plan
282	ACE	ACE Connecting Shuttle Services	South & East	240303	\$ 0.7	Provides connecting shuttles to move ACE passenger to either other modes of transit or to their ultimate destination. Partnership with VTA, LAVTA, CCCTA, and private providers to shuttle ACE passengers to employment centers closing the 'last mile' of their commute.
283		Shuttles	Multi			Local shuttles to supplement fixed transit route service in support of TDM. Ongoing program
<b>Total by Subcategory</b>					<b>\$ 2.3</b>	
<b>11H Carsharing</b>						
284		Carsharing	Multi		\$ 0.1	
285		Auto Loan Program - CBTP element	Multi		\$ 0.1	Included in the Community Based Transportation Plan
<b>Total by Subcategory</b>					<b>\$ 0.2</b>	
<b>11i Outreach, Education and Marketing</b>						
286		Promotion of biking and walking	Multi			Examples include Bike to Work Day, Bike/Walk to School day, active transportation, etc. <i>FORMERLY LISTED UNDER 1-BICYCLE/PEDESTRIAN PROGRAM</i>
287		Bicycle safety	Multi			Examples include Street Skills /Road 1 bike classes, and Share the Road campaigns. <i>FORMERLY LISTED UNDER 1- BICYCLE/PEDESTRIAN PROGRAM</i>
288		Multi-lingual outreach	Multi			Creating non-English (and culture-sensitive) versions of transportation marketing and education materials. <i>FORMERLY LISTED UNDER 10C</i>
289		Outreach/Promotion/Education	Multi		\$ 30.0	Covers transit, bike, walking, paratransit, alternatives to SOV driving, and other support programs. Cost estimate from 2006 Countywide Bike/Ped Plans. <i>FORMERLY LISTED UNDER 10B</i>
290		Real time information	Multi			Examples include real-time transit information, 511, etc
<b>Total by Subcategory</b>					<b>\$ 30.0</b>	
<b>Overall Program Type Total</b>					<b>\$ 153.5</b>	<b>Proposed Total Program Allocation: \$75.0M</b>
<b>12. Goods Movement Program - RTP ID # 240394</b>						
						<i>Freight-related improvements for truck, rail and ports (capital, operations, ROW) such as truck parking, grade separations, etc</i>
291		Goods Movement Program	Multi		\$ 10.0	Improvements in support of freight transportation to support economic vitality
<b>Total by Subcategory</b>					<b>\$ 10.0</b>	
<b>12A Truck Parking</b>						
292	ACTC	Local Air Quality and Climate Protection Strategies (Implementation of 2008 Truck Parking Study)	Multi	230117	\$ 5.0	Implements the recommendations of the ACTC Board adopted Truck Parking Facility Feasibility and Location Study (December 2008) funded by Caltrans and managed by the CMA.
<b>Total by Subcategory</b>					<b>\$ 5.0</b>	
<b>12B Port Operations Improvements</b>						
293	Port of Oakland	Shore power for ships at the Port of Oakland	North	240190	\$ 90.0	Install electric utility infrastructure throughout the Port's marine terminal area to provide shore-side power connections that allow vessels at-berth to turn off their diesel auxiliary engines.
<b>Total by Subcategory</b>					<b>\$ 90.0</b>	
<b>12C Truck Impacts to Local Streets - Improvements For</b>						
294	City of Oakland	Melrose - Coliseum District Street Reconstruction (formerly 'Oakland Coliseum Transportation Infrastructure Access Improvements?')	North	240290	\$ 13.2	Reconstruct Coliseum Way and 50th Avenue to handle heavy truck traffic, reduce safety hazards due to sight distance, and provide bicycle and pedestrian safety facilities.
295	City of Oakland	Woodland - 81st Avenue Industrial Zone street reconstruction	North	240280	\$ 11.5	Reconstruct goods movement streets within the Woodland-81st Avenue industrial area to withstand heavy truck traffic; modify gateways, provide at-grade safe RR crossings.
<b>Total by Subcategory</b>					<b>\$ 24.7</b>	
<b>12D Truck Routing</b>						
296	City of Oakland	Goods Movement: Truck Facilities, Truck Route Rehabilitation	North	240237	\$ 20.0	Provision of truck storage facilities away from residential areas and improvement/re-routing of regional truck routes on Oakland City streets. Improve industrial load-bearing streets to withstand impact of truck movement.
<b>Total by Subcategory</b>					<b>\$ 20.0</b>	

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## Appendix H - Programmatically Funded Projects

### Appendix H. Sample Eligible Projects\* by Programmatic Category

#	Sponsor/ Location	Program Name	Planning Area	RTP ID# (if application submitted)	Cost Estimate (\$M)	Project Description
<b>12E Freight Operations Improvements (rail, roads, port)</b>						
297		Truck Services at Oakland Army Base (ROW)	North		\$ 20.0	\$20 million (land costs only)
<b>Total by Subcategory</b>					<b>\$ 20.0</b>	
<b>Overall Program Type Total</b>					<b>\$ 169.7</b>	<b>Proposed Total Program Allocation: \$200.0M</b>
<b>13. PDA Support - Non-Transportation Program - RTP ID # 240395</b>						
<i>Non-transportation infrastructure to support Priority Development Areas such as sewer, utilities, etc.</i>						
298	City of Livermore	Regional Air Quality and Climate Protection Strategies	East	240256	\$ 20.0	Construct public infrastructure and enhancements to support TOD in the PDAs
299		Non-transportation infrastructure in PDAs	Multi			Includes utilities, sewers, drainage to support development in PDAs
<b>Total by Subcategory</b>					<b>\$ 20.0</b>	
<b>Overall Program Type Total</b>					<b>\$ 20.0</b>	<b>Proposed Total Program Allocation: \$25.0M</b>
<b>14. Environmental Mitigation Program - RTP ID # 240396</b>						
<i>Mitigation of environmental impacts to support projects moving to construction, such as land banking</i>						
300		Environmental Mitigation for major projects	Multi			Examples include off-site mitigations, land banking
<b>Total by Subcategory</b>					<b>\$ -</b>	
<b>Overall Program Type Total</b>					<b>\$ -</b>	<b>Proposed Total Program Allocation: \$25.0M</b>
<b>15. Transportation Technology and Revenue Enhancement Program - RTP ID # 240397</b>						
<i>Emerging technologies for transportation and revenue efficiency such as charging stations, communication, HOT/Express lanes toll collection, etc</i>						
301	ACE	ACE eTicketing	South & East	240253	\$ 1.5	Electronic fare collection system with seamless Clipper integration and associated infrastructure.
302	Stopwaste.org	Transportation Energy from Waste	Multi		\$ 75.0	
303		Alternative and sustainable fuel sources - use of	Multi			
304		Alternative Fuel stations - comprehensive network of	Multi			
<b>Total by Subcategory</b>					<b>\$ 76.5</b>	
<b>Overall Program Type Total</b>					<b>\$ 76.5</b>	<b>Proposed Total Program Allocation: \$75.0M</b>
<b>GRAND TOTAL</b>					<b>\$ 13,582.6</b>	

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**Appendix H - Programmatically Funded Projects**