



Programs and Projects Committee Meeting Agenda Monday, June 10, 2019, 12:00 p.m.

Committee Chair:	Nate Miley, Alameda County, District 4	Executive Director	Arthur L. Dao
Vice Chair:	Carol Dutra-Vernaci, City of Union City	Staff Liaison:	Gary Huisinigh
Members:	Marilyn Ezzy Ashcraft, Scott Haggerty, Rochelle Nason, Rebecca Saltzman, Sheng Thao	Clerk of the Commission:	Vanessa Lee
Ex-Officio:	Richard Valle, Pauline Cutter		

1. Call to Order/Pledge of Allegiance

2. Roll Call

3. Public Comment

4. Consent Calendar Page/Action

4.1. Approve May 13, 2019 PPC Meeting Minutes	1	A
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5. Regular Matters

5.1. Approve the 2020 Comprehensive Investment Plan	3	A
5.2. Measure B/BB/Vehicle Registration Fee Program Compliance Report Summary	75	A/I
5.3. East Bay Greenway (San Leandro BART to South Hayward BART): Approval of Professional Services Agreement for Right of Way Support Services	87	A
5.4. Approve the Alameda CTC Construction Management and Administration Guide	93	A
5.5. I-580 Toll System Upgrade Project (PN 1486.002, State Route 84 Widening and State Route 84/Interstate 680 Interchange Improvements Project (PN 1386.000), I-680 Express Lanes Project (PN 1369.000), I-580 Express Lane Operations (1373.002), and I-680 Express Lane Operations (1408.000): Approval of Professional Services Agreement A19-0009 and Approval of Amendment No. 2 to Professional Services Agreement A17-0001 with Kapsch TrafficCom USA, Inc.	143	
5.6. Approve the Administrative Amendments to Various Project Agreements (A17-0039 and 04-2632)	147	A

6. Committee Member Reports

7. Staff Reports

8. Adjournment

Next Meeting: Monday, June 10, 2019

Notes:

- All items on the agenda are subject to action and/or change by the Commission.
- To comment on an item not on the agenda (3-minute limit), submit a speaker card to the clerk.
- Call 510.208.7450 (Voice) or 1.800.855.7100 (TTY) five days in advance to request a sign-language interpreter.
- If information is needed in another language, contact 510.208.7400. Hard copies available only by request.
- Call 510.208.7400 48 hours in advance to request accommodation or assistance at this meeting.
- Meeting agendas and staff reports are available on the [website calendar](#).
- Alameda CTC is located near 12th St. Oakland City Center BART station and AC Transit bus lines. [Directions and parking information](#) are available online.



Alameda CTC Schedule of Upcoming Meetings for May 2019 through September 2019

Commission Chair

Supervisor Richard Valle, District 2

Commission Vice Chair

Mayor Pauline Cutter,
City of San Leandro

AC Transit

Board Vice President Elsa Ortiz

Alameda County

Supervisor Scott Haggerty, District 1
Supervisor Wilma Chan, District 3
Supervisor Nate Miley, District 4
Supervisor Keith Carson, District 5

BART

Vice President Rebecca Saltzman

City of Alameda

Mayor Marilyn Ezzy Ashcraft

City of Albany

Mayor Rochelle Nason

City of Berkeley

Mayor Jesse Arreguin

City of Dublin

Mayor David Haubert

City of Emeryville

Councilmember John Bauters

City of Fremont

Mayor Lily Mei

City of Hayward

Mayor Barbara Halliday

City of Livermore

Mayor John Marchand

City of Newark

Councilmember Luis Freitas

City of Oakland

Councilmember At-Large
Rebecca Kaplan
Councilmember Sheng Thao

City of Piedmont

Mayor Robert McBain

City of Pleasanton

Mayor Jerry Thorne

City of Union City

Mayor Carol Dutra-Vernaci

Executive Director

Arthur L. Dao

Commission and Committee Meetings

Time	Description	Date
2:00 p.m.	Alameda CTC Commission Meeting	June 17, 2019
9:00 a.m.	Finance and Administration Committee (FAC)	July 8, 2019 September 9, 2019
9:30 a.m.	I-680 Sunol Smart Carpool Lane Joint Powers Authority (I-680 JPA)	
10:00 a.m.	I-580 Express Lane Policy Committee (I-580 PC)	
10:30 a.m.	Planning, Policy and Legislation Committee (PPLC)	
12:00 p.m.	Programs and Projects Committee (PPC)	
2:00 p.m.	Alameda CTC Commission Meeting	July 25, 2019 September 26, 2019

Advisory Committee Meetings

1:30 p.m.	Paratransit Advisory and Planning Committee (PAPCO)	June 24, 2019 September 23, 2019
1:30 p.m.	Alameda County Technical Advisory Committee (ACTAC)	June 27, 2019 September 5, 2019
5:30 p.m.	Independent Watchdog Committee (IWC)	July 8, 2019
5:30 p.m.	Bicycle and Pedestrian Advisory Committee (BPAC)	September 5, 2019
9:30 a.m.	Paratransit Technical Advisory Committee (ParaTAC)	September 10, 2019

All meetings are held at Alameda CTC offices located at 1111 Broadway, Suite 800, Oakland, CA 94607. Meeting materials, directions and parking information are all available on the [Alameda CTC website](http://www.AlamedaCTC.org).

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Programs and Projects Committee Meeting Minutes Monday, May 13, 2019, 12:00 p.m.

4.1

1111 Broadway, Suite 800, Oakland, CA 94607 • PH: (510) 208-7400 • www.AlamedaCTC.org

1. Pledge of Allegiance

2. Roll Call

A roll call was conducted. All members were present with the exception of Commissioner Miley and Commissioner Thao. Commissioner Duncan was present as an alternate for Commissioner Dutra-Vernaci.

Subsequent to the roll call

Commissioners Miley and Commissioner Thao arrived during Item 7.

3. Public Comment

There were no public comments.

4. Consent Calendar

4.1. Approve of the April 8, 2019 PPC Meeting Minutes

Commissioner Haggerty moved to approve the consent calendar. Commissioner Saltzman seconded the motion. The motion passed with the following vote:

Yes: Cutter, Duncan, Ezzy Ashcraft, Haggerty, Nason, Saltzman, Thao, Valle
No: None
Abstain: None
Absent: Miley, Thao

5. Regular Matters

5.1. Route 84 Expressway Widening (PN 1210.002): Approval of Project Actions for the Closeout Phase

Trinity Nguyen recommended that the Commission authorize the Executive Director to execute Amendment No. 6 to the Professional Services Agreement No. A05-0004 with AECOM Technical Services, Inc. (AECOM) for an additional amount of \$460,000 for a total not-to-exceed amount of \$16,710,000 and a 18-month extension to provide extended project closeout activities; authorize Amendment No. 2 to Professional Services Agreement A17-0010 with H.T. Harvey & Associates Ecological Consultants (HAEC) for an additional amount of \$37,530 for a total not-to-exceed amount of \$178,847 to provide expanded environmental mitigation services; and authorize the release of an Invitation For Bid for three years of plant establishment services. She noted that the recommended actions would increase the contract not-to-exceed amounts for Agreement A05-0004 with AECOM and Agreement A17-0010 with HAEC and authorize additional time for the fulfilment of all remaining project obligations.

Commissioner Haggerty moved to approve this item. Commissioner Cutter seconded the motion. The motion passed with the following vote:

Yes: Cutter, Duncan, Ezzy Ashcraft, Haggerty, Nason, Saltzman, Thao, Valle
No: None
Abstain: None
Absent: Miley, Thao

6. Committee Reports

There were no committee reports.

7. Staff Reports

There were no staff reports.

8. Adjournment/ Next Meeting

The next meeting is:

Date/Time: Monday, June 10, 2019 at 12:00 p.m.

Location: Alameda CTC Offices, 1111 Broadway, Suite 800, Oakland, CA 94607



Memorandum

5.1

1111 Broadway, Suite 800, Oakland, CA 94607

• 510.208.7400

• www.AlamedaCTC.org

DATE: June 3, 2019

TO: Programs and Projects Committee

FROM: Vivek Bhat, Director of Programming and Project Controls
John Nguyen, Senior Transportation Planner

SUBJECT: 2020 Comprehensive Investment Plan

Recommendation

It is recommended that the Commission approve the following:

1. Approve the 2020 Comprehensive Investment Plan (CIP), which includes
 - a. Converting \$70.5M of previously programmed funds to allocations in Fiscal Year 2019/20 through 2020/21.
 - b. New programming of \$41.9M in new programming of Measure B, BB, Vehicle Registration Fee (VRF) and Transportation Fund For Clean Air (TFCA) funds, of which \$36.5M is part of the two-year allocation plan for the 2020 CIP.
 - c. General programming adjustments to reprogram funds to outer years of the CIP, deprogram funding from certain projects at the project sponsor's request, deallocate project balances, and/or to record previously approved off-cycle programming into the 2020 CIP.
2. Approve execution of Project Funding Agreements, Cooperative Agreements, and other applicable agreements with Project Sponsors and implementing agencies, and to authorize Alameda CTC to release Request for Proposals for projects and programs implemented by Alameda CTC.

Summary

Alameda CTC is responsible for planning, funding and delivering transportation projects and programs within Alameda County. Alameda CTC has programming and allocation authority for a number of federal, state, regional and local transportation funding programs, such as the local, voter-approved measures (Measure B, Measure BB, and Measure F Vehicle Registration Fee), Lifeline Transportation Program, federal One Bay Area Grant Program (OBAG), and Transportation Fund for Clean Air (TFCA). Alameda CTC consolidates the programming and allocation for funds sources which

are under Alameda CTC's purview into a single programming and allocation document known as the Alameda CTC Comprehensive Investment Plan (CIP). The CIP is updated annually to capture new programming and/or allocation conversions.

The current CIP (2018 CIP Update) was Commission approved on July 28, 2018, and included approximately \$511M programmed from fiscal year 2017/18 through 2021/22, and \$362M allocated over the first two years (refer to Attachment A: 2018 CIP Current Programming and Allocations).

As part of the CIP update process, the 2020 CIP shifts the five-year programming horizon to encompass fiscal years 2019/20 through 2023/24. The 2020 CIP programming strategy includes the following categories.

1. Programming to Allocation Conversions: Of the \$105M in local funds programmed through the 2018 CIP, Alameda CTC staff recommends \$70.5M be converted to allocation based on project sponsors' request for allocations and project readiness. This results in the ability for project sponsors to enter into funding agreements and move forward with their project delivery. Refer to Attachment B: 2018 CIP Programming to 2020 CIP Allocations
2. New programming and allocations: In the Spring 2019, Alameda CTC conducted a call for projects for the Seniors and People with Disabilities (Paratransit) Program, TFCA program, and invited new programming requests from project sponsors for transportation projects that merited immediate programming in the 2020 CIP based on the 2020 CIP framework approved by the Commission. Alameda CTC evaluated each proposal, and recommends \$41.9M in new programming of Measure B, BB, Vehicle Registration Fee (VRF) and Transportation Fund For Clean Air (TFCA) funds, of which \$36.5M is allocated in the first two years of the 2020 CIP. Refer to Attachments C: Paratransit Recommendations, Attachment D: TFCA Recommendations, and Attachment E: New CIP Programming and Allocations.
3. General programming adjustments: These adjustments include reprogramming funds to an outer year and deprogramming funds due to project implementation issues resulting from project delays, cancelled projects, project savings, or revised sponsor project delivery strategies. It also includes changing/consolidating fund sources in an effort to maximize funding investments. Refer to Attachment F: CIP General Programming Adjustments.

Alameda CTC staff recommends the approval of the 2020 CIP programming and allocations described herein, and formally documented within the final recommended 2020 CIP as shown in Attachment H: 2020 CIP Programming and Allocations.

Upon approval of the 2020 CIP, Alameda CTC will enter into project funding agreements and contracts, as applicable. It is recommended the Commission authorize the Executive Director or designee to execute project funding agreements, cooperative agreements, and other applicable agreements with project sponsors, and to authorize Alameda CTC to release Request for Proposals for projects and programs implemented by Alameda CTC for the recommended CIP allocations. These agreements and contracts will be developed in accordance with Alameda CTC's approved contracting and procurement policies.

Background

Alameda CTC's Comprehensive Investment Plan (CIP) is a near-term strategic programming document through which fund sources administered by Alameda CTC are consolidated and programmed through a singular programming cycle. The CIP's purpose is to strategically program available funds towards transportation investments that support the vision and goals of the Alameda CTC's Countywide Transportation Plan, multi-modal plans, and voter-approved transportation expenditure plans.

The current 2018 CIP Update, approved by the Commission in July 28, 2018, includes a five-year programming horizon from fiscal years 2017/18 to 2021/22, with a two-year allocation plan for the first two fiscal years of the CIP. The current 2018 CIP Update includes approximately \$511M in programming, and \$362M in allocations.

As part of the Alameda CTC's CIP update process, the 2020 CIP shifts the five-year programming horizon to include fiscal years 2019/20 through 2023/24.

In March 2019, Alameda CTC staff solicited request for information from project sponsors including the fourteen cities, County of Alameda, five transit agencies, and other agencies implementing projects with Alameda County. The request for information sought project readiness information related to scope, cost and schedule to confirm programming to allocation, gather project sponsors' potential needs for new programming and allocations commitments, and to inform programming adjustments within the 2020 CIP programming horizon.

The 2020 CIP programming and allocations are grouped based on three programming themes below, and the programming is recommended upon Alameda CTC staff's review of funding and allocation requests to confirm project readiness, funding need, transportation benefits, and funding availability.

1. Programming to Allocations

The 2018 CIP included over \$105M in local programming in fiscal years 2019/20 through 2021/22. With the 2020 CIP, these programming commitments are eligible for allocation in the 2020 CIP's fiscal years 2019/20 and 2020/21 two-year allocation window. Based on a review of project sponsors' request for allocation packages, a

total of \$70.5M is recommended to be converted from programming to allocations. Refer to Attachment B: 2018 CIP Programming to 2020 CIP Allocations.

2. New Programming and Allocations

The 2020 CIP includes programming and allocations of available Alameda CTC administered discretionary sources including Measure B/BB/VRF programs, TFCA funds, and Measure BB funds for Named Capital Project commitments.

A. *Measure B/BB Paratransit Discretionary Program*

Alameda CTC staff recommends the approximately \$9M in Measure B/BB Seniors and People with Disabilities (paratransit) Discretionary programming after an extensive call-for-projects March 2019. In April 2019, the Alameda CTC's Paratransit Advisory and Planning Committee (PAPCO) reviewed all applications, in conjunction with staff, to provide the Commission with the paratransit program recommendations included in Attachment C: Paratransit Recommendations, and as incorporated in the complete 2020 CIP (Attachment H - 2020 CIP Programming and Allocations).

B. *Transportation For Clean Air (TFCA) Program*

As the TFCA program manager for Alameda County, Alameda CTC is responsible for programming 40 percent of the four dollar vehicle registration fee that is collected in Alameda County for this program. In April 2019, Alameda CTC released a call for projects for TFCA eligible projects, with approximately \$2.426M available in FY 2019/20.

After analyzing TFCA cost-effectiveness and eligibilities, the 2020 CIP includes a program recommendation of \$2.426M in TFCA programs as shown in Attachment D: TFCA Program Recommendations, and as incorporated in the complete 2020 CIP (Attachment A - 2020 CIP Programming and Allocations).

C. *New Programming Requests*

While the primary focus of the 2020 CIP is aimed at shifting the programming commitments identified in FY 2019/20 and FY 2020/21 to a funding allocation, at the jurisdictions' request and subsequent Commission's direction, Alameda CTC provided jurisdictions with the opportunity to submit additional programming requests. Alameda CTC evaluated projects based on a demonstrated significant need for programming in the 2020 CIP cycle.

In response to Alameda CTC's March 2019 Request for Information, Alameda CTC received over \$400M in new programming requests from jurisdictions (Alameda CTC, BART, Dublin, Fremont) for Named Capital Projects in the Measure BB Transportation Expenditure Plan (\$195M) and discretionary

funding requests (\$205M) for projects that were locally stated as priority projects that were ready for implementation.

Each request was evaluated for project readiness, funding need, leveraging and from an immediate transportation benefits perspective. Projects that provided countywide benefit, nexus to existing projects, address critical gap closure and transportation needs, leveraged external funds, and/or were ready for implementation were among those recommended for programming. Programming also included accommodating request for allocations of specifically named commitments in the Measure B/BB Transportation Expenditure Plans. Upon review of the allocation requests and funding applications approximately \$30.5M is being recommend for programming and allocation.

Projects that did not demonstrate immediate transportation need, leveraging of funds, or exigent programming requirements that merited immediate inclusion in the 2020 CIP are recommended to apply again in future CIP cycles.

A detail listing of new 2020 CIP programming recommendations submitted through this request for information process is reflected on Attachment E: New CIP Programming and Allocation Requests/Recommendations, and subsequently incorporated in the complete 2020 CIP (Attachment H - 2020 CIP Programming and Allocations).

3. General Programming Adjustments

The 2020 CIP general programming adjustments include reprogramming funds to a later fiscal year and/or deallocation of funds due to project implementation issues resulting from completed projects, project delays, cancelled projects, cost savings, or revised project sponsor's project delivery strategies. Additionally, the 2020 CIP also memorializes records of separate programming actions that occurred since July 2018. These programming adjustments are included in Attachment F: CIP General Programming Adjustments

The 2020 CIP programming changes described in these three sections are included formally in the CIP record as shown in Attachment H: 2020 CIP Programming and Allocations, and is recommended for approval. The 2020 CIP includes \$214.4M in programming over FY 2019/20 through FY 2023/23, with \$154.9M in allocations during the first two years of the CIP.

All programming and allocations are subject to the CIP's timely use of funds policies. Projects must start within six months of the respective allocation fiscal years indicated in the CIP's two-year allocation plan. Alameda CTC's recommended 2020 CIP programming and allocations are based on sponsor's project information provided at the time of the request for funding. Projects receiving allocations from Alameda CTC are subject to the project costs, scope, budgets, and schedules that are proposed in

the funding request and subsequently encumbered through a project funding agreement. Funds may be rescinded if a project is not initiated within the established time period or is inconsistent with the agreed upon project funding agreement terms. Failing to meet timely use of funds requirements, fund agreement requirements, funding commitments, project schedules, or applicable regulations could result in loss or withholding of funds. If fund awards are withdrawn, projects and allocations may be removed from or deferred and/or reprogrammed in a future programming action. Rescinded funds will be returned to the program to be distributed in a future CIP cycle.

Upon approval of the 2020 CIP, Alameda CTC will enter into project funding agreements and contracts, as applicable. It is recommended the Commission authorize the Executive Director or designee to execute project funding agreements, cooperative agreements, and other applicable agreements with project sponsors, and to authorize Alameda CTC to release Request for Proposals for projects and programs implemented by Alameda CTC for the recommended CIP allocations. These agreements and contracts will be developed in accordance with Alameda CTC's approved contracting and procurement policies.

Fiscal Impact: The recommended actions will result in the allocation, encumbrance and subsequent expenditure of the 2000 Measure B, 2010 Vehicle Registration Fee, 2014 Measure BB, TFCA County Program Manager funds allocated by the Commission per the approved 2020 CIP (Attachment H - 2020 CIP Programming and Allocations). The corresponding encumbrance amounts will be included in the annual budget of the Alameda CTC for the applicable fiscal year.

Attachments:

- A. 2018 CIP Update (*Current CIP, approved July 26, 2018*)
- B. Programming to Allocations
- C. Paratransit Recommendations
- D. Transportation Fund for Clean Air Recommendations
- E. New CIP Programming and Allocation Requests/Recommendations
- F. CIP General Programming Adjustments
- G. 2020 CIP Changes to Current Programming
- H. 2020 CIP Programming and Allocations

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00004	AC Transit	Preservation of Existing Services in Communities of Concern	Lifeline	STA	O&M	3,583	3,583						3,583
00004	AC Transit	Preservation of Existing Services in Communities of Concern	Lifeline	JARC	O&M	1,417	1,417						1,417
00006	AC Transit	Ashland and Cherryland Transit Access Improvements (Ala. County)	Lifeline	STA	CON-CAP	450	450						450
00007	AC Transit	Additional Preservation of Existing Services in Communities of Concern	Lifeline	STA	O&M	1,741	1,741						1,741
00009	AC Transit	City of Oakland Broadway Shuttle	Lifeline	JARC	O&M	405	405						405
00050	AC Transit	AC Transit: East Bay Bus Rapid Transit	TFCA	Prog Mgr	CON-CAP	925	925						925
00050	AC Transit	AC Transit: East Bay Bus Rapid Transit	STIP	RIP	CON-CAP								
00050	AC Transit	AC Transit: East Bay Bus Rapid Transit	2000 MB	07A	Various	11,510	11,510						11,510
00050	AC Transit	AC Transit: East Bay Bus Rapid Transit	2014 MBB	TEP-13	CON-CAP	10,000	10,000						10,000
00056	AC Transit	Grand/MacArthur BRT	2014 MBB	TEP-15	Planning / Scoping	100	100						100
00057	AC Transit	College/Broadway Corridor Transit Priority	2014 MBB	TEP-16	Planning / Scoping	100	100						100

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00171	AC Transit	Line 97 Corridor Improvements (Signal timing component)	TFCA	Prog Mgr	Various	228	228						228
00193	AC Transit	Berkeley Southside Pilot Transit Lanes (including Telegraph, Bancroft)	2010 VRF	Disc-Transit	Various	300		300					300
00194	AC Transit	Rapid Bus Corridor Upgrades (San Pablo and Telegraph Corridors)	2000 MB	Disc-Transit	Final Design (PS&E)	447		447					447
00194	AC Transit	Rapid Bus Corridor Upgrades (San Pablo and Telegraph Corridors)	2000 MB	Disc-Transit	PE/Env	536		536					536
00194	AC Transit	Rapid Bus Corridor Upgrades (San Pablo and Telegraph Corridors)	2010 VRF	Disc-Transit	CON-CAP	4,018			4,018				4,018
00055	Alameda	Alameda to Fruitvale BART Rapid Bus	2014 MBB	TEP-14	Planning / Scoping								
00087	Alameda	Alameda City Complete Streets	OBAG	STP	CON-CAP	505	505						505
00105	Alameda	Cross Alameda Trail (includes SRTS component)	ATP	Reg	Final Design (PS&E)								
00105	Alameda	Cross Alameda Trail (includes SRTS component)	ATP	Reg	CON-CAP								
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	2014 MBB	TEP-14	Planning / Scoping	450		450					450
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	2014 MBB	TEP-14	PE/Env	450			450				450

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	2014 MBB	TEP-14	Final Design (PS&E)	450			450				450
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	2014 MBB	TEP-14	CON-CAP	7,650				7,650			
00196	Alameda	Central Avenue Complete Street	STP/CMAQ	STP/CMAQ	CON-CAP	3,487				3,487			
00197	Alameda	City Wide Street Resurfacing - Pavement Management	STP/CMAQ	LSR	CON-CAP	827				827			
00198	Alameda	Clement Avenue Complete Street	STP/CMAQ	STP/CMAQ	PE/Env	124		124					124
00198	Alameda	Clement Avenue Complete Street	STP/CMAQ	STP/CMAQ	Final Design (PS&E)	443			443				443
00198	Alameda	Clement Avenue Complete Street	STP/CMAQ	STP/CMAQ	CON-CAP	4,451				4,451			
00199	Alameda	Clement Avenue East Extension and Tilden Way	2014 MBB	TEP-26	Planning / Scoping	244		244					244
00199	Alameda	Clement Avenue East Extension and Tilden Way	2014 MBB	TEP-26	PE/Env	244		244					244
00199	Alameda	Clement Avenue East Extension and Tilden Way	2014 MBB	TEP-26	Final Design (PS&E)	434			434				434
00199	Alameda	Clement Avenue East Extension and Tilden Way	2014 MBB	TEP-26	ROW - Capital	1,097			1,097				1,097

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan							Prior Allocations	Two-Year Allocation Plan					
2018 CIP Update Programming and Allocations							Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount							
00199	Alameda	Clement Avenue East Extension and Tilden Way	2014 MBB	TEP-26	CON-CAP	6,376				6,376			
00200	Alameda	Seaplane Lagoon Ferry Terminal ¹	2014 MBB	TEP-45	CON-CAP	8,200				8,200			
00088	Alameda County	Alameda Co-Various Streets and Roads Preservation	OBAG	STP	CON-CAP	1,565	1,565						1,565
00106	Alameda County	Be Oakland, Be Active	ATP	Reg	CON-CAP								
00127	Alameda County	Hesperian Blvd Corridor Improvement (A St - I880)	2014 MBB	TEP-26	CON-CAP	7,000	7,000						7,000
00162	Alameda County	East Castro Valley Boulevard Class II Bike Lanes	TFCA	Prog Mgr	Various	62	62						62
00201	Alameda County	Alameda County Parking Demand and Management Strategy Study	2000 MB	Disc-TCDD	Planning / Scoping	88			88				88
00202	Alameda County	East 14th St. Corridor Improvement Project Phase II (San Leandro Area)	2014 MBB	TEP-26	CON-CAP	7,600				7,600			
00203	Alameda County	Meekland Avenue Corridor Improvement Phase II (Cherryland/Ashland Area)	STP/CMAQ	STP/CMAQ	CON-CAP	9,300					9,300		
00204	Alameda County	Pavement Preservation - Various Roadways in Central Unincorporated Alameda County	STP/CMAQ	LSR	PE/Env	100			100				100
00204	Alameda County	Pavement Preservation - Various Roadways in Central Unincorporated Alameda County	STP/CMAQ	LSR	CON-CAP	2,071			2,071				2,071

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00205	Alameda County	Pavement Preservation - Various Roadways in Rural Unincorporated Alameda County (FAS)	STP/CMAQ	LSR	PE/Env	100		100					100
00205	Alameda County	Pavement Preservation - Various Roadways in Rural Unincorporated Alameda County (FAS)	STP/CMAQ	LSR	CON-CAP	1,679			1,679				1,679
00217	Alameda County / LAVTA	Dublin/Pleasanton BART Parking Expansion ¹	2014 MBB	TEP-19	Various								
00217	Alameda County / LAVTA	Dublin/Pleasanton BART Parking Expansion	SB-1	SLLP	Various	3,500				3,500			
00217	Alameda County / LAVTA	Dublin/Pleasanton BART Parking Expansion	2010 VRF	Disc-Transit	Various	3,500				3,500			
00002	Alameda CTC	Planning, Programming and Monitoring	STIP	RIP	CON-CAP								
00013	Alameda CTC	FY 15-16 Program Manager Funds - Cities/County Shares	TFCA	Prog Mgr	Various								
00019	Alameda CTC	Countywide Bicycle Pedestrian Planning/Promotion	2000 MB	Disc-BP	Various	540	235	61	61	61	61	61	357
00033	Alameda CTC	Transportation Services for Hospital Discharge and Wheelchair/Scooter Breakdown	2000 MB	Disc-PT	O&M	495	210	95	95	95			400
00053	Alameda CTC	Affordable Student Transit Pass Programs	2014 MBB	TEP-08	O&M	15,000	15,000						15,000
00054	Alameda CTC	Affordable Transit for Seniors and People with Disabilities - Needs Assessment	2014 MBB	TEP-12	Planning / Scoping	500	500						500

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00063	Alameda CTC	Railroad Corridor Right of Way Preservation and Track Improvements - Scoping	2014 MBB	TEP-23	Planning / Scoping								
00069	Alameda CTC	I-80 Gilman Street Interchange Improvements	2014 MBB	TEP-29	PE/Env	3,000	3,000						3,000
00069	Alameda CTC	I-80 Gilman Street Interchange Improvements	2014 MBB	TEP-29	Final Design (PS&E)	6,600		6,600					6,600
00069	Alameda CTC	I-80 Gilman Street Interchange Improvements	2014 MBB	TEP-29	ROW-CAP	2,400		2,400					2,400
00070	Alameda CTC	I-80 Ashby Interchange Improvements	2014 MBB	TEP-30	Planning / Scoping	100	100						100
00070	Alameda CTC	I-80 Ashby Interchange Improvements	2014 MBB	TEP-30	PE/Env	4,000	4,000						4,000
00070	Alameda CTC	I-80 Ashby Interchange Improvements	2014 MBB	TEP-30	Final Design (PS&E)	5,500		5,500					5,500
00071	Alameda CTC	SR-84/I-680 Interchange and SR-84 Widening	2014 MBB	TEP-31	PE/Env	4,000	4,000						4,000
00071	Alameda CTC	SR-84/I-680 Interchange and SR-84 Widening	2014 MBB	TEP-31	Final Design (PS&E)	16,500			16,500				16,500
00071	Alameda CTC	SR-84/I-680 Interchange and SR-84 Widening	2014 MBB	TEP-31	ROW-CAP	20,000			10,000	10,000			10,000
00072	Alameda CTC	SR-84 Expressway Widening (Pigeon Pass to Jack London)	2014 MBB	TEP-32	CON-CAP	10,000	10,000						10,000

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00073	Alameda CTC	I-580/I-680 Interchange Improvements (Study Only)	2014 MBB	TEP-33	Planning / Scoping	1,000	1,000						1,000
00075	Alameda CTC	I-680 Sunol Express Lanes: SR-237 to SR84	2014 MBB	TEP-35	Final Design (PS&E)	5,000	5,000						5,000
00075	Alameda CTC	I-680 Sunol Express Lanes: SR-237 to SR84	2014 MBB	TEP-35	CON-CAP	15,000	15,000						15,000
00076	Alameda CTC	I-880 NB HOV/HOT Extension from A Street to Hegenberger	2014 MBB	TEP-36	Planning / Scoping	100	100						100
00077	Alameda CTC	I-880 Whipple Road/Industrial Parkway Southwest Interchange Improvements	2014 MBB	TEP-38	Planning / Scoping	925	925						925
00077	Alameda CTC	I-880 Whipple Road/Industrial Parkway Southwest Interchange Improvements	2014 MBB	TEP-38	PE/Env	4,750			4,750				4,750
00078	Alameda CTC	I-880 Industrial Parkway Interchange West Improvements	2014 MBB	TEP-39	Planning / Scoping	825	825						825
00078	Alameda CTC	I-880 Industrial Parkway Interchange West Improvements	2014 MBB	TEP-39	PE/Env	4,750			4,750				4,750
00081	Alameda CTC	East Bay Greenway: Lake Merritt BART to South Hayward BART	ATP	State	PE/Env								
00081	Alameda CTC	East Bay Greenway: Lake Merritt BART to South Hayward BART	2014 MBB	TEP-42	PE/Env	3,500	3,500						3,500
00081	Alameda CTC	East Bay Greenway: Lake Merritt BART to South Hayward BART	2014 MBB	TEP-42	Final Design (PS&E)	12,000				12,000			

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00084	Alameda CTC	East-West Connector in Fremont & Union City	STIP	RIP	CON-CAP								
00084	Alameda CTC	East-West Connector in Fremont & Union City	1986 MB	MB226	CON-CAP	89,000	89,000						89,000
00117	Alameda CTC	I-680 Sunol SB Express Lane	2000 MB	08A	O&M	4,500	4,500						4,500
00117	Alameda CTC	I-680 Sunol SB Express Lane	2000 MB	08A	CON-CAP	20,000	20,000						20,000
00118	Alameda CTC	I-680 Sunol Express Lanes	2000 MB	08B	Final Design (PS&E)	4,500	4,500						4,500
00118	Alameda CTC	I-680 Sunol Express Lanes	2014 MBB	TEP-35	CON-CAP	20,000		20,000					20,000
00118	Alameda CTC	I-680 Sunol Express Lanes	2000 MB	08B	CON-CAP	100,000	100,000						100,000
00120	Alameda CTC	Alameda County Rail Strategy Study	2014 MBB	TEP-27	Planning / Scoping	250	250						250
00128	Alameda CTC	Port - Intelligent Transportation System (ITS) and Technology Plan	2014 MBB	TEP-41	PE/Env								
00129	Alameda CTC	Middle Harbor Road Improvements	2014 MBB	TEP-27	PE/Env								
00130	Alameda CTC	7th Street Grade Separation, West and East	2014 MBB	TEP-27	PE/Env								

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00130	Alameda CTC	7th Street Grade Separation, West and East	2014 MBB	TEP-27	Final Design (PS&E)								
00131	Alameda CTC	I-580 Freeway Corridor Management System (FCMS)	2014 MBB	TEP-26	Planning / Scoping	5,000	5,000						5,000
00132	Alameda CTC	San Pablo Avenue (SR 123) Multi-Modal Corridor Project	2014 MBB	TEP-26	Planning / Scoping	4,000	3,000		1,000				4,000
00133	Alameda CTC	Telegraph Avenue Multi-Modal Corridor Project	2014 MBB	TEP-26	Planning / Scoping								
00134	Alameda CTC	University Avenue Multi-Modal Corridor Project	2014 MBB	TEP-26	Planning / Scoping								
00135	Alameda CTC	Ashby (SR 13) Avenue Multi-Modal Corridor Project	2014 MBB	TEP-26	Planning / Scoping								
00136	Alameda CTC	I-880/23rd-29th Avenue Interchange Improvements	2014 MBB	TEP-40	CON-CAP	8,000	5,000	3,000					8,000
00138	Alameda CTC	I-880/Winton Avenue and A Street Interchanges	2014 MBB	TEP-40	Planning / Scoping	1,808	1,500	308					1,808
00138	Alameda CTC	I-880/Winton Avenue and A Street Interchanges	2014 MBB	TEP-40	PE/Env	3,500			3,500				3,500
00139	Alameda CTC	South County Access (SR 262/Mission Blvd Cross Connector)	2014 MBB	TEP-40	Planning / Scoping	1,500	1,500						1,500
00139	Alameda CTC	South County Access (SR 262/Mission Blvd Cross Connector)	2014 MBB	TEP-40	PE/Env	7,500			7,500				7,500

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00142	Alameda CTC	Scoping: I-580 ICM	2014 MBB	TEP-26	Planning / Scoping								
00155	Alameda CTC	7th Street Grade Separation and Port Arterial Improvements Project	2014 MBB	TEP-27	PE/Env	35,020	15,000	20,020					35,020
00155	Alameda CTC	7th Street Grade Separation and Port Arterial Improvements Project	2014 MBB	TEP-27	Final Design (PS&E)	18,000	18,000						18,000
00156	Alameda CTC	Modal Plans Implementation: E. 14th and Mission Blvd Corridors	2014 MBB	TEP-26	Various	1,500	1,500						1,500
00157	Alameda CTC	Modal Plans Implementation: Alameda Countywide Goods Movement Plan	2014 MBB	TEP-41	Various	300	300						300
00158	Alameda CTC	Modal Plans Implementation: Alameda Countywide Transit Plan Implementation	2010 VRF	Disc-Transit	Various	300	300						300
00159	Alameda CTC	Matching Program for Last Mile Connection Technology Programs	2014 MBB	TEP-46	Various	200	200						200
00161	Alameda CTC	Overall Planning/Monitoring Services	2014 MBB	TEP-46	Various	100	100						100
00163	Alameda CTC	Countywide Bicycling, Transit and Carpool Promotion Programs	TFCA	Prog Mgr	Various	210	210						210
00174	Alameda CTC	Alameda County Guaranteed Ride Home and Countywide TDM Information Services Program	TFCA	Prog Mgr	Various	270	270						270
00178	Alameda CTC	Sustainable Communities Technical Assistance Program (SCTAP)	2000 MB	Disc-TCD	Planning / Scoping	200	200						200

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00192	Alameda CTC	Transportation Demand Management (TDM) Program	TFCA	Prog Mgr.	O&M	420	105	294	21				420
00192	Alameda CTC	Transportation Demand Management (TDM) Program	2014 MBB	TEP-45	O&M	434		255	179				434
00206	Alameda CTC	Comprehensive Multimodal Monitoring	2010 VRF	Disc-Transit	Planning / Scoping	1,250		800	450				1,250
00207	Alameda CTC	Corridor Studies Implementation	2010 VRF	Disc-Transit	Planning / Scoping	2,000			2,000				2,000
00207	Alameda CTC	Corridor Studies Implementation	2014 MBB	TEP-26	Planning / Scoping	6,000	4,500		1,500				6,000
00207	Alameda CTC	Corridor Studies Implementation	2010 VRF	Disc-Transit	PE/Env	3,000				3,000			
00208	Alameda CTC	Alameda County Safe Routes to School Program	2000 MB	Disc-BP	O&M	1,090		1,090					1,090
00208	Alameda CTC	Alameda County Safe Routes to School Program	2000 MB	Disc-BP	CON-CAP	1,500				500	500	500	
00208	Alameda CTC	Alameda County Safe Routes to School Program	CMA-TIP	Other	CON-CAP	200		100	100				200
00208	Alameda CTC	Alameda County Safe Routes to School Program	STP/CMAQ	STP/CMAQ	O&M	8,372	1,073	7,299					8,372
00209	Alameda CTC	Goods Movement Emissions Reduction Program	2014 MBB	TEP-27	O&M	6,000		1,500	1,500	1,500	1,500		3,000

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00210	Alameda CTC	I-680 Sunol Express Lanes: SR84 to Alcosta	2014 MBB	TEP-35	PE/Env	7,500		6,000	1,500				7,500
00211	Alameda CTC	NextGen Technology Pilot Initiative	2014 MBB	TEP-46	Planning / Scoping	1,000		1,000					1,000
00278	Alameda CTC	I-580 Toll System Upgrade	I-580 Toll Revenue	Toll Revenue	Planning / Scoping	405		405					405
00278	Alameda CTC	I-580 Toll System Upgrade	I-580 Toll Revenue	Toll Revenue	CON-CAP	10,175		10,175					10,175
00279	Alameda CTC	I-880 Davis Street Interchange	2014 MBB	TEP-26	Final Design (PS&E)	151		151					151
00279	Alameda CTC	I-880 Davis Street Interchange	2014 MBB	TEP-26	CON-CAP	389		389					389
00280	Alameda CTC	Toll Revenue Forecasting	I-580 Toll Revenue	Toll Revenue	Planning / Scoping	330		330					330
00176	Alameda CTC	Countywide SR2S Program (FY 16/17 and FY 17/18)	TFCA	Prog Mgr	O&M	100	100						100
00113	Albany	Complete Streets for San Pablo Ave/Buchanan St.	ATP	State	Final Design (PS&E)								
00164	Albany	Marin Ave Class 2 Bike Lane Gap Closure	TFCA	Prog Mgr	Various	95	95						95
00213	Albany	Buchanan Bikeway Phase III	2000 MB	Disc-BP	CON-CAP	600		600					600

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00214	Albany	San Pablo Avenue and Buchanan Street Pedestrian Improvements	STP/CMAQ	LSR	CON-CAP	340				340			
00021	ASEB	Special Transportation Services for Individuals with Dementia	2000 MB	Disc-PT	O&M	400	400						400
00005	BART	A Quicker, Safer Trip to the Library to Promote Literacy (Oakland Public Library)	Lifeline	STA	O&M	250	250						250
00058	BART	Irvington BART Station	2014 MBB	TEP-17	Planning / Scoping	2,760	2,760						2,760
00059	BART	Bay Fair Connector/BART Metro	2014 MBB	TEP-18	Planning / Scoping	100	100						100
00060	BART	BART Station Modernization and Capacity Program - Scoping	2014 MBB	TEP-19	Planning / Scoping								
00060	BART	BART Station Modernization and Capacity Program - Scoping	STIP	RIP	CON-CAP								
00083	BART	Downtown Berkeley BART Plaza/Transit Area Improvements	STIP	RIP	CON-CAP								
00172	BART	BART West Oakland Bike Locker Plaza	TFCA	Prog Mgr	Various	55	55						55
00215	BART	BART to Livermore	TCRP	TCRP	PE/Env	1,700		1,700					1,700
00215	BART	BART to Livermore	2014 MBB	TEP-20	PE/Env								

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00215	BART	BART to Livermore	2000 MB	26	PE/Env	1,400	1,400						1,400
00216	BART	Bay Fair Connection	2014 MBB	TEP-18	Planning / Scoping	500		500					500
00216	BART	Bay Fair Connection	2014 MBB	TEP-18	PE/Env	5,000			5,000				5,000
00089	Berkeley	Shattuck Complete Streets and De-couplet	OBAG	STP	CON-CAP	2,777	2,777						2,777
00097	Berkeley	Hearst Avenue Complete Streets	OBAG	STP	CON-CAP	2,256	2,256						2,256
00107	Berkeley	LeConte Elementary Safe Routes to School Improvements	ATP	Reg	Final Design (PS&E)								
00108	Berkeley	LeConte Elementary Safe Routes to School Improvements	ATP	Reg	CON-CAP								
00165	Berkeley	Berkeley Citywide Bicycle Parking Program	TFCA	Prog Mgr	Various	137	137						137
00177	Berkeley	Hearst Ave Complete Streets	TFCA	Prog Mgr	CON-CAP	88	88						88
00184	Berkeley	Berkeley Citywide Bike Parking Program	TFCA	Prog Mgr	CON-CAP	180		180					180
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	2010 VRF	Disc-BP	PE/Env	29		29					29

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	2010 VRF	Disc-BP	Planning / Scoping	49		49					49
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	2010 VRF	Disc-BP	Final Design (PS&E)	59		59					59
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	2010 VRF	Disc-BP	CON-CAP	613			613				613
00220	Berkeley	Milvia Bikeway Project	2000 MB	Disc-BP	PE/Env	350		350					350
00221	Berkeley	North Shattuck Avenue Rehabilitation	STP/CMAQ	LSR	CON-CAP								
00222	Berkeley	Railroad Crossing Safety Improvement Project	2014 MBB	TEP-27	PE/Env	500			500				500
00222	Berkeley	Railroad Crossing Safety Improvement Project	2014 MBB	TEP-27	Final Design (PS&E)	1,020				1,020			
00223	Berkeley	Southside Complete Streets & Transit Improvements (Telegraph, Bancroft, Dana, Fulton)	STP/CMAQ	STP/CMAQ	PE/Env	387		387					387
00223	Berkeley	Southside Complete Streets & Transit Improvements (Telegraph, Bancroft, Dana, Fulton)	STP/CMAQ	STP/CMAQ	Final Design (PS&E)	613			613				613
00223	Berkeley	Southside Complete Streets & Transit Improvements (Telegraph, Bancroft, Dana, Fulton)	STP/CMAQ	STP/CMAQ	CON-CAP	7,335			6,121		1,214		6,121
00022	BORP	Accessible Group Trip Transportation for Youth and Adults with Disabilities	2000 MB	Disc-PT	O&M	568	568						568

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00269	BORP	Accessible Group Trip Transportation for Youth and Adults with Disabilities (FY 17/18 and FY 18/19)	2014 MBB	TEP-12	O&M	318		159	159				318
00085	Caltrans	SR 84 Expressway Widening	STIP	RIP	CON-CAP								
00086	Caltrans	SR 84 Expressway Widening	STIP	RIP	CON-Support								
00065	CCJPA	Capitol Corridor Service Expansion	2014 MBB	TEP-25	Planning / Scoping								
00023	CIL	Mobility Matters Project	2000 MB	Disc-PT	O&M	679	679						679
00270	CIL	Community Connections: A Mobility Management Partnership (CoCo) (FY 17/18 and FY 18/19)	2000 MB	Disc-PT	O&M	500		250	250				500
00173	CSU East Bay	CSUEB Campus Shuttle II, FYs 15/16 (non-peak) & 16/17 (all hrs)	TFCA	Prog Mgr	Various	123	123						123
00182	CSU East Bay	CSUEB/Hayward BART - 2nd Shuttle Operations (FY 17/18 - 18/19)	TFCA	Prog Mgr	O&M	128	128						128
00274	Drivers for Survivors	Drivers for Survivors Volunteer Driver Program (FY 17/18 and FY 18/19)	2014 MBB	TEP-12	O&M	220		110	110				220
00052	Dublin	Iron Horse Transit Route - Dougherty Road	2000 MB	09	CON-CAP	6,267	6,267						6,267
00090	Dublin	Dublin Boulevard Preservation	OBAG	STP	CON-CAP	470	470						470

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00123	Dublin	Dougherty Rd Widening (from 4 to 6 Lns) (Dublin - CCC line)	2014 MBB	TEP-26	CON-CAP	11,200	11,200						11,200
00124	Dublin	Dublin Blvd. Widening, WB from 2 to 3 Lns (Sierra Ct-Dougherty Rd)	2014 MBB	TEP-26	CON-CAP	3,000	3,000						3,000
00166	Dublin	San Ramon Road Arterial Mgmt	TFCA	Prog Mgr	Various	146	146						146
00224	Dublin	City of Dublin Street Rehab	STP/CMAQ	LSR	CON-CAP	661					661		
00225	Dublin	Dublin Boulevard - North Canyons Parkway Extension	2014 MBB	TEP-26	PE/Env	2,374		2,374					2,374
00225	Dublin	Dublin Boulevard - North Canyons Parkway Extension	2014 MBB	TEP-26	Final Design (PS&E)	5,374			5,374				5,374
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	2014 MBB	TEP-42	PE/Env	166		166					166
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	2014 MBB	TEP-42	Final Design (PS&E)	1,128			1,128				1,128
00227	EBRPD	San Francisco Bay Trail - Albany Beach to Buchanan	2014 MBB	TEP-42	CON-CAP	642		642					642
00228	EBRPD	San Francisco Bay Trail - Doolittle Drive	2014 MBB	TEP-42	CON-CAP	2,833			2,833				2,833
00273	Eden I&R	Mobility Management Through 211 Alameda County (FY 17/18 and FY 18/19)	2000 MB	Disc-PT	O&M	296		144	152				296

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00024	Emeryville	8-To-Go Demand Response Door to Door Shuttle	2000 MB	Disc-PT	O&M	174	174						174
00098	Emeryville	Emeryville - Hollis Street Preservation	OBAG	STP	CON-CAP								
00141	Emeryville	South Bayfront Bridge	2014 MBB	TEP-44	CON-CAP								
00141	Emeryville	South Bayfront Bridge	2000 MB	Disc-BP	CON-CAP	1,895		1,895					1,895
00141	Emeryville	South Bayfront Bridge	TFCA	Prog Mgr	CON-CAP	105			105				105
00185	Emeryville	Bay Area Bike Share (BABS) Expansion to Emeryville	TFCA	Prog Mgr	CON-CAP	180		180					180
00230	Emeryville	Emery Go Round General Benefit Operations	2014 MBB	TEP-45	O&M	2,500		500	500	500	500	500	1,000
00231	Emeryville	Frontage Road, 65th Street and Powell Street Slurry Seal	STP/CMAQ	LSR	CON-CAP	225					225		
00232	Emeryville	North Hollis Parking and Transportation Demand Management (TDM) Program	2000 MB	Disc-TCD	CON-CAP	930			930				930
00271	Emeryville	8-To-Go: A City Based Door-to-Door Paratransit Service (FY 17/18 and FY 18/19)	2014 MBB	TEP-12	O&M	70		35	35				70
00284	Emeryville	Quiet Zone safe Engineering Measures on 65th, 66th and 67th Streets (TCEP Match)	2014 MBB	TEP-41	CON-CAP	1,800			1,800				1,800

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00025	Fremont	Tri-City Mobility Management and Travel Training Program	2000 MB	Disc-PT	O&M	450	450						450
00026	Fremont	Tri-City Volunteer Driver Programs	2000 MB	Disc-PT	O&M	550	550						550
00027	Fremont	Tri-City Taxi Voucher Program	2000 MB	Disc-PT	O&M	450	450						450
00091	Fremont	Fremont City Center Multi-Modal Improvements	OBAG	STP	CON-CAP	1,288	1,288						1,288
00140	Fremont	Warm Springs BART Station - West Side Access	2014 MBB	TEP-45	CON-CAP	25,000	25,000						25,000
00140	Fremont	Warm Springs BART Station - West Side Access	2014 MBB	TEP-21	CON-CAP	5,000		5,000					5,000
00143	Fremont	Scoping: Route 84 Relinquishment and Centerville Streetscape on Fremont Blvd.	2014 MBB	TEP-26	Planning / Scoping	50	50						50
00152	Fremont	Scoping: Union Pacific Railroad Trail Corridor (South Portion of East Bay Greenway)	2014 MBB	TEP-42	Planning / Scoping	50	50						50
00153	Fremont	Scoping: Fremont BART Station West Side Enhancement	2014 MBB	TEP-45	Planning / Scoping	50	50						50
00154	Fremont	Scoping: I-880 Bike and Ped Bridge and Trail Connector to Warm Springs BART Station to Bay Trail	2014 MBB	TEP-45	Planning / Scoping	50	50						50
00179	Fremont	South Fremont Arterial Management (FY 17/18 - 18/19)	TFCA	Prog Mgr	CON-CAP	425	425						425

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
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2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00186	Fremont	Fremont Signal Timing Optimization: Paseo Padre Pkwy, Fremont Blvd, Decoto Rd, and Auto Mall Pkwy	TFCA	Prog Mgr	CON-CAP	646		646					646
00233	Fremont	City of Fremont Pavement Rehabilitation Project	STP/CMAQ	LSR	CON-CAP	2,760				2,760			
00234	Fremont	Complete Streets Upgrade of Relinquished SR 84 in Centerville PDA	STP/CMAQ	STP/CMAQ	PE/Env	386		386					386
00234	Fremont	Complete Streets Upgrade of Relinquished SR 84 in Centerville PDA	STP/CMAQ	STP/CMAQ	Final Design (PS&E)	799			799				799
00234	Fremont	Complete Streets Upgrade of Relinquished SR 84 in Centerville PDA	STP/CMAQ	STP/CMAQ	CON-CAP	6,510				6,510			
00235	Fremont	East Bay Greenway Trail Reach 6 (Innovation District to Bay Trail)	2014 MBB	TEP-42	PE/Env	1,901		1,901					1,901
00235	Fremont	East Bay Greenway Trail Reach 6 (Innovation District to Bay Trail)	2014 MBB	TEP-42	Final Design (PS&E)	3,553			3,553				3,553
00236	Fremont	Safe and Smart Corridor Along Fremont Boulevard	2014 MBB	TEP-26	PE/Env	443		443					443
00236	Fremont	Safe and Smart Corridor Along Fremont Boulevard	2014 MBB	TEP-26	Final Design (PS&E)	1,328			1,328				1,328
00236	Fremont	Safe and Smart Corridor Along Fremont Boulevard	2014 MBB	TEP-26	CON-CAP	7,525				7,525			
00238	Fremont	Walnut Avenue Protected Bikeway in City Center/Downtown PDA	2014 MBB	TEP-45	CON-CAP	5,000			5,000				5,000

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Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00272	Fremont	Tri-City Mobility Management and Travel Training Program (FY 17/18 and FY 18/19)	2000 MB	Disc-PT	O&M	298		149	149				298
00092	Hayward	Hayward - Industrial Boulevard Preservation	OBAG	STP	CON-CAP	1,265	1,265						1,265
00126	Hayward	Mission Blvd. Phases 2 & 3 (Complete Streets)	2014 MBB	TEP-26	Util Relocation								
00126	Hayward	Mission Blvd. Phases 2 & 3 (Complete Streets)	2014 MBB	TEP-26	CON-CAP	21,500	9,500	12,000					21,500
00240	Hayward	First Mile/Last Mile BART Shuttle Operations	2014 MBB	TEP-45	O&M								
00241	Hayward	Main Street Complete Street Project	STP/CMAQ	STP/CMAQ	Final Design (PS&E)	175		175					175
00241	Hayward	Main Street Complete Street Project	STP/CMAQ	STP/CMAQ	CON-CAP	1,500			1,500				1,500
00242	Hayward	SR-92 Clawiter-Whitesell Interchange	2014 MBB	TEP-26	Planning / Scoping	440		440					440
00243	Hayward	Winton Avenue - Complete Street Project	STP/CMAQ	LSR	Final Design (PS&E)	88		88					88
00243	Hayward	Winton Avenue - Complete Street Project	STP/CMAQ	LSR	CON-CAP	1,662			1,662				1,662
00283	LARPD/TVC	Valley Trails Connection Project	CMA-TIP	Other	Various	110			110				110

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00008	LAVTA	WHEELS Route 14 Operating Assistance	Lifeline	STA	O&M	388	388						388
00008	LAVTA	WHEELS Route 14 Operating Assistance	Lifeline	JARC	O&M	129	129						129
00160	LAVTA	Pilot Transit Program for Last Mile Connections	2000 MB	Disc-Transit	Various	100	100						100
00175	LAVTA	LAVTA Rte 30 BRT Operations, FYs 15/16 and 16/17	TFCA	Prog Mgr	Various	275	275						275
00183	LAVTA	LAVTA Rte 30R Operations (FY 17/18 - 18/19)	TFCA	Prog Mgr	O&M	318	318						318
00244	LAVTA	Pleasanton BRT Corridor Enhancement Project (Route 10R)	2000 MB	Disc-Transit	Final Design (PS&E)	152		152					152
00244	LAVTA	Pleasanton BRT Corridor Enhancement Project (Route 10R)	2000 MB	Disc-Transit	CON-CAP	1,262		1,262					1,262
00245	LAVTA	Wheels Forward/2020 Plan	2000 MB	Disc-Transit	Planning / Scoping	220				220			
00276	LAVTA	Para-Taxi Program (FY 17/18 and FY 18/19)	2014 MBB	TEP-12	O&M	40		18	22				40
00275	LIFE ElderCare	VIP Rides Program (FY 17/18 and FY 18/19)	2014 MBB	TEP-12	O&M	275		103	172				275
00109	Livermore	Livermore Marylin Avenue Safe Routes to School	ATP	Reg	Final Design (PS&E)								

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Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00110	Livermore	Livermore Marilyn Avenue Safe Routes to School	ATP	Reg	CON-CAP								
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	2014 MBB	TEP-42	PE/Env	20		20					20
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	2014 MBB	TEP-42	Planning / Scoping	30		30					30
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	2014 MBB	TEP-42	Final Design (PS&E)	160		160					160
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	TFCA	Prog Mgr.	CON-CAP	193			193				193
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	2014 MBB	TEP-42	CON-CAP	1,407			1,407				1,407
00246	Livermore	Livermore Annual Pavement Maintenance - MTS Routes	STP/CMAQ	LSR	CON-CAP	1,382				1,382			
00247	Livermore	Vasco Road/I-580 Interchange Improvements	2014 MBB	TEP-34	PE/Env	1,380		1,380					1,380
00001	MTC	Planning, Programming and Monitoring	STIP	RIP	CON-CAP								
00012	MTC	Improved Bike/Ped Access to East Span of SFOBB (Alameda Share)	STIP	RIP	CON-CAP								
00102	MTC	Regional Planning Activities and PPM - Alameda	OBAG	STP	PE/Env	1,034	1,034						1,034

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Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00014	Multiple	FY 16-17 Through FY 19-20 Program Manager Funds - Cities/County Share	TFCA	Prog Mgr	Various								
00015	Multiple	FY 16-17 Through FY 19-20 Program Manager Funds - Transit Discretionary	TFCA	Prog Mgr	Various								
00016	Multiple	2000 MB Local Streets and Roads - Direct Local Distributions	2000 MB	DLD	Various								
00017	Multiple	2000 MB Bicycle/Pedestrian - Direct Local Distributions	2000 MB	DLD	Various								
00018	Multiple	2000 MB Bicycle/Pedestrian - Discretionary Program	2000 MB	Disc-BP	Various								
00020	Multiple	2000 MB Paratransit - Direct Local Distributions	2000 MB	DLD	Various								
00034	Multiple	2000 MB Paratransit - Discretionary (Estimated)	2000 MB	Disc-PT	Various								
00035	Multiple	2000 MB Mass Transit - Direct Local Distributions	2000 MB	DLD	Various								
00036	Multiple	2000 MB Express Bus - Discretionary	2000 MB	Disc-Transit	Various								
00037	Multiple	2000 MB Transit Center Development - Discretionary Program	2000 MB	Disc-TCD	Various								
00038	Multiple	2010 VRF Local Streets and Roads - Direct Local Distributions	2010 VRF	DLD	Various								

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)									
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan								Prior Allocations		Two-Year Allocation Plan				
2018 CIP Update Programming and Allocations														
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)	
00039	Multiple	2010 VRF Transit - Discretionary	2010 VRF	Disc-Transit	Various									
00040	Multiple	2010 VRF Bicycle/Pedestrian Safety - Discretionary Funds	2010 VRF	Disc-BP	Various									
00041	Multiple	2010 VRF Local Transportation Technology - Discretionary	2010 VRF	Disc-Tech	Various									
00042	Multiple	2014 MBB Local Streets and Roads - Direct Local Distributions	2014 MBB	DLD	Various									
00043	Multiple	2014 MBB Mass Transit Services - Direct Local Distributions	2014 MBB	DLD	Various									
00044	Multiple	2014 MBB Transit Innovative Grants - Discretionary	2014 MBB	TEP-07	Various									
00045	Multiple	2014 MBB Bicycle/Pedestrian Safety - Direct Local Distributions	2014 MBB	DLD	Various									
00046	Multiple	2014 MBB Bicycle/Pedestrian Safety - Discretionary	2014 MBB	TEP-44	Various									
00047	Multiple	2014 MBB Transit - Direct Local Distributions	2014 MBB	DLD	Various									
00061	Multiple	Dumbarton Corridor Area Transportation Improvements - Scoping	2014 MBB	TEP-21	Planning / Scoping									
00066	Multiple	Congestion Relief, Local Bridge Seismic Safety - Scoping	2014 MBB	TEP-26	Planning / Scoping									

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00068	Multiple	Countywide Freight Corridors - Scoping	2014 MBB	TEP-27	Planning / Scoping								
00074	Multiple	I-580 Local Interchange Improvement Program - Scoping	2014 MBB	TEP-34	Planning / Scoping								
00079	Multiple	I-880 Local Access and Safety Improvements - Scoping	2014 MBB	TEP-40	Planning / Scoping								
00080	Multiple	Gap Closure on Three Major Trails - Scoping	2014 MBB	TEP-42	Planning / Scoping								
00082	Multiple	Community Investments That Improve Transit Connections to Jobs and Schools - Scoping	2014 MBB	TEP-45	Planning / Scoping								
00003	N/A	Funding deprogrammed - project deleted	N/A	N/A	N/A								
00099	Newark	Enterprise Drive Complete Streets and Road Diet	OBAG	STP	CON-CAP	454	454						454
00116	Newark	Central Avenue Overpass	2000 MB	025	Final Design (PS&E)	2,765	2,765						2,765
00116	Newark	Central Avenue Overpass	2000 MB	025	CON-CAP	11,134			11,134				11,134
00116	Newark	Central Avenue Overpass	2000 MB	025	ROW-CAP	2,155		2,155					2,155
00248	Newark	Thornton Avenue Pavement Rehabilitation (I-880 to Olive Street)	STP/CMAQ	LSR	CON-CAP	592			592				592

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
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2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00028	Oakland	Taxi-Up & Go Project	2000 MB	Disc-PT	O&M	362	362						362
00064	Oakland	Oakland Broadway Corridor Transit	2014 MBB	TEP-24	Planning / Scoping	600	600						600
00093	Oakland	Lake Merritt BART Bikeways	OBAG	STP	CON-CAP	571	571						571
00094	Oakland	Oakland Complete Streets	OBAG	STP	CON-CAP	3,384	3,384						3,384
00095	Oakland	Lakeside Complete Streets and Road Diet	OBAG	STP	CON-CAP	4,446	4,446						4,446
00095	Oakland	Lakeside Complete Streets and Road Diet	OBAG	CMAQ	CON-CAP	2,554	2,554						2,554
00100	Oakland	Oakland - Peralta and MLK Blvd Streetscape Phase I	OBAG	CMAQ	CON-CAP	5,452	5,452						5,452
00103	Oakland	7th Street West Oakland Transit Village, Phase II	OBAG	CMAQ	CON-CAP	3,288	3,288						3,288
00111	Oakland	Lake Merritt to Bay Trail Bike/Ped Bridge	ATP	Reg	Final Design (PS&E)								
00112	Oakland	Lake Merritt to Bay Trail Bike/Ped Bridge	ATP	Reg	ROW-CAP								
00114	Oakland	International Boulevard Improvement Project	ATP	State	CON-CAP								

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2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00115	Oakland	Laurel Access to Mills, Maxwell Park and Seminary	ATP	State	CON-CAP								
00121	Oakland	Oakland Army Base Roadway Infrastructure Improvements	2014 MBB	TEP-26	CON-CAP	41,000	41,000						41,000
00122	Oakland	Oakland Army Base Infrastructure Improvements - Truck Parking	2014 MBB	TEP-26	CON-CAP	5,000	1,000	4,000					5,000
00125	Oakland	14th Ave Streetscape (3 phases) from E. 8th to Highland Hospital	2014 MBB	TEP-26	Final Design (PS&E)	1,300	1,300						1,300
00125	Oakland	14th Ave Streetscape (3 phases) from E. 8th to Highland Hospital	2014 MBB	TEP-26	CON-CAP	5,300		5,300					5,300
00137	Oakland	I-880/42nd-High Street Access Improvements	2014 MBB	TEP-40	CON-CAP	10,000			10,000				10,000
00167	Oakland	Broadway "B" Shuttle - Non-Peak (10am-3pm) Operations, FY 15/16	TFCA	Prog Mgr	Various	210	210						210
00168	Oakland	CityRacks, Phase 12	TFCA	Prog Mgr	Various	124	124						124
00180	Oakland	Broadway Shuttle Operations	2014 MBB	TEP-45	O&M	1,650		330	330	330	330	330	660
00180	Oakland	Broadway Shuttle Operations (FY 16/17 - 17/18)	TFCA	Prog Mgr	O&M	367	367						367
00187	Oakland	Oakland Citywide Bike Parking Program, Phase 13	TFCA	Prog Mgr	CON-CAP	100		100					100

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2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00249	Oakland	27th Street Complete Streets	2014 MBB	TEP-45	PE/Env	776		776					776
00249	Oakland	27th Street Complete Streets	2014 MBB	TEP-45	Final Design (PS&E)	1,174			1,174				1,174
00251	Oakland	E 12th Street Bikeway	2000 MB	Disc-BP	Final Design (PS&E)	250		250					250
00251	Oakland	E 12th Street Bikeway	2000 MB	Disc-BP	CON-CAP	1,250			1,250				1,250
00252	Oakland	East Oakland Community Streets Plan	2014 MBB	TEP-45	Planning / Scoping	100		100					100
00253	Oakland	Fruitvale Ave Gap Closure	2014 MBB	TEP-44	CON-CAP	1,634				1,634			
00254	Oakland	Lakeside Family Streets	STP/CMAQ	STP/CMAQ	PE/Env	80		80					80
00254	Oakland	Lakeside Family Streets	STP/CMAQ	STP/CMAQ	Final Design (PS&E)	320		320					320
00254	Oakland	Lakeside Family Streets	STP/CMAQ	STP/CMAQ	CON-CAP	4,392				4,392			
00255	Oakland	Laurel Access to Mills, Maxwell Park and Seminary (LAMMPS) Streetscape	2010 VRF	Disc-BP	CON-CAP	2,500		2,500					2,500
00256	Oakland	MacArthur Smart City Corridor Project, Phase I	2014 MBB	TEP-46	Final Design (PS&E)	1,500			1,500				1,500

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2018 CIP Update Programming and Allocations							Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount							
00256	Oakland	MacArthur Smart City Corridor Project, Phase I	2014 MBB	TEP-46	CON-CAP	9,500				9,500			
00257	Oakland	Coliseum Transit Hub	2010 VRF	Disc-Transit	Planning / Scoping	968		968					968
00257	Oakland	Coliseum Transit Hub	2010 VRF	Disc-Transit	Final Design (PS&E)	3,878			3,878				3,878
00258	Oakland	Oakland LSR Paving Program	STP/CMAQ	LSR	PE/Env	734		734					734
00258	Oakland	Oakland LSR Paving Program	STP/CMAQ	LSR	CON-CAP	4,161			4,161				4,161
00259	Oakland	OakMob Transportation Demand Management (TDM)	2014 MBB	TEP-45	O&M	215		215					215
00101	Piedmont	Piedmont Complete Streets (CS)	OBAG	STP	CON-CAP	129	129						129
00260	Piedmont	Oakland Avenue Improvements	STP/CMAQ	LSR	CON-CAP	168			168				168
00285	Piedmont	Piedmont LSR Exchange Projects	CMA-TIP	Other	CON-CAP								
00286	Piedmont	Oakland Avenue Pedestrian Bridge Railing Project	CMA-TIP	Other	CON-CAP	208			208				208
00029	Pleasanton	Downtown Route Shuttle (DTR)	2000 MB	Disc-PT	O&M	173	173						173

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2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00104	Pleasanton	Pleasanton Complete Streets	OBAG	STP	CON-CAP	832	832						832
00169	Pleasanton	Pleasanton Trip Reduction Program, FYs 15/16 & 16/17	TFCA	Prog Mgr	Various	53	53						53
00181	Pleasanton	Bernal Ave Park and Ride Lot	2010 VRF	Disc-Transit	Final Design (PS&E)	136		136					136
00181	Pleasanton	Bernal Ave Park and Ride Lot	TFCA	Prog Mgr	CON-CAP	189	189						189
00181	Pleasanton	Bernal Ave Park and Ride Lot	2010 VRF	Disc-Transit	CON-CAP	776			776				776
00188	Pleasanton	Pleasanton Trip Reduction Program (FY 17/18 - 18/19)	TFCA	Prog Mgr	O&M	130		130					130
00261	Pleasanton	Hacienda PDA	2000 MB	Disc-TCD	Planning / Scoping								
00262	Pleasanton	Pavement Rehabilitation Hacienda Business Park	STP/CMAQ	LSR	CON-CAP	1,095				1,095			
00263	Pleasanton	Stoneridge at I-680 Interchange improvements	2014 MBB	TEP-26	CON-CAP	5,200					5,200		
00144	Port of Oakland	Scoping: Airport Drive Overlay	2014 MBB	TEP-26	Planning / Scoping	50	50						50
00145	Port of Oakland	Scoping: Port Terminal Seismic Monitoring Program	2014 MBB	TEP-26	Planning / Scoping	8	8						8

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2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00146	Port of Oakland	Scoping: Port Area ITS Deployment	2014 MBB	TEP-27	Planning / Scoping	50	50						50
00147	Port of Oakland	Scoping: Middle Harbor Road Improvements	2014 MBB	TEP-27	Planning / Scoping	30	30						30
00148	Port of Oakland	Scoping: Port Terminal Lighting Upgrade	2014 MBB	TEP-27	Planning / Scoping	8	8						8
00149	Port of Oakland	Scoping: Outer Harbor Intermodal Terminal (OHIT) Phase 2	2014 MBB	TEP-27	Planning / Scoping	50	50						50
00150	Port of Oakland	Scoping: Airport Perimeter Dike	2014 MBB	TEP-27	Planning / Scoping	50	50						50
00151	Port of Oakland	Scoping: 7th Street Grade Separation East	2014 MBB	TEP-27	Planning / Scoping	10	10						10
00268	Port of Oakland	Adeline Street Bridge Reconstruction	2014 MBB	TEP-41	Planning / Scoping	50				50			
00067	San Leandro	San Leandro Streets Rehabilitation	2014 MBB	TEP-26	CON-CAP	30,000	3,000	6,000	7,000	7,000	7,000		16,000
00096	San Leandro	San Leandro Boulevard Preservation	OBAG	STP	CON-CAP	804	804						804
00170	San Leandro	San Leandro LINKS shuttle, FYs 15/16 and 16/17	TFCA	Prog Mgr	Various	50	50						50
00190	San Leandro	LINKS Shuttle (FY 17/18 - 18/19)	TFCA	Prog Mgr	O&M	130	104	26					130

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00190	San Leandro	LINKS Shuttle Operations	2014 MBB	TEP-45	O&M	1,020		220	200	200	200	200	420
00264	San Leandro	E.14th St/Hesperian Blvd/150th Ave Intersection Improvements	2014 MBB	TEP-26	CON-CAP	1,821				1,821			
00265	San Leandro	Washington Avenue Rehabilitation	STP/CMAQ	LSR	PE/Env	73			73				73
00265	San Leandro	Washington Avenue Rehabilitation	STP/CMAQ	LSR	CON-CAP	975				975			
00030	SHS	Rides for Seniors	2000 MB	Disc-PT	O&M	278	278						278
00051	SJRRC	ACE Capital	2000 MB	01	Various	13,184	13,184						13,184
00031	SSPTV	Volunteer Assisted Senior Transportation Program	2000 MB	Disc-PT	O&M	331	331						331
00277	SSPTV	Volunteer Assisted Senior Transportation Program (FY 17/18 and FY 18/19)	2014 MBB	TEP-12	O&M	212		106	106				212
00011	TBD	Lifeline Cycle 5 (Estimated)	Lifeline	STA	Various								
00032	TBD	Gap funds for Capital Purchases and Grant Matching	2000 MB	Disc-PT	Various								
00048	TBD	2016 STIP - Alameda County Share (Estimated)(50% for 1-Year)	STIP	RIP	Various								

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00049	TBD	OBAG Cycle 2 (Estimated)	OBAG	STP/CMAQ	Various								
00119	TBD	I-580 Transit Improvements	RM2	Reg	Various								
00010	Union City	Operations Support for Route 2	Lifeline	STA	O&M	220	220						220
00062	Union City	Union City Intermodal Station	2014 MBB	TEP-22	Planning / Scoping	100	100						100
00191	Union City	Union City Boulevard Bike Lanes Phase 2	2014 MBB	TEP-44	PE/Env	5		5					5
00191	Union City	Union City Boulevard Bike Lanes Phase 2	2014 MBB	TEP-44	Final Design (PS&E)	780		780					780
00191	Union City	Union City Boulevard Bike Lanes Phase 2	2014 MBB	TEP-44	CON-CAP	5,779		5,779					5,779
00191	Union City	Union City Boulevard Bike Lanes Phase 2	CMA-TIP	Other	CON-CAP	1,100		1,100					1,100
00191	Union City	Union City Boulevard Bike Lanes Phase 2	TFCA	Prog Mgr.	CON-CAP	136		136					136
00266	Union City	Dyer Road Pavement Rehabilitation	STP/CMAQ	LSR	CON-CAP	872			872				872
00267	Union City	Bicycle and Pedestrian Master Plan Update	2000 MB	Disc-BP	Planning / Scoping	150		150					150

Alameda CTC Comprehensive Investment Plan					Programming and Allocations (\$ x 1,000)								
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan													
2018 CIP Update Programming and Allocations							Prior Allocations	Two-Year Allocation Plan					
CIP ID	Sponsor	Project Title	Fund Source	Fund Subset	Phase	Programmed Amount	Prior To FY2017-18 (April 2017)	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Allocated (Thru 18-19)
00281	Various	State Transportation Improvement Program	STIP	RIP	Various	48,813		48,813					48,813
00282	Various	Lifeline Cycle 5 Program	Lifeline	Various	Various	4,789			4,789				4,789
					Totals	1,052,055	541,119	206,188	156,465	119,661	27,031	1,591	903,772

Notes

1. Conditional Programming: Identified funds are subject to deprogramming based on the availability of alternative fund sources (RM3, local, State, Federal).
2. City of Dublin's Boulevard - North Canyons Parkway Extension Project is being implemented in conjunction with Alameda CTC and the City of Livermore.

Total 2-year Allocations	\$ 362,653
Total 5-year Programming	\$ 510,936

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2018 CIP Programming to 2020 CIP Allocations

Table 1: 2018 CIP Programming to 2020 CIP Allocations (dollars x \$1,000)			
CIP ID	Project Sponsor	Project Name	Total Allocation <i>FY 19/20 & FY 20/21</i>
00071	Alameda CTC	SR-84/I-680 Interchange and SR-84 Widening	\$10,000
00200	Alameda	Seaplane Lagoon Ferry Terminal	\$8,200
00202	Alameda County	East 14th St. Corridor Improvement Project Phase II (San Leandro Area)	\$7,600
00217	Alameda County/LAVTA	Dublin/Pleasanton BART Parking Expansion	\$3,500
00222	Berkeley	Railroad Crossing Safety Improvement Project	\$1,020
00230	Emeryville	Emery Go Round General Benefit Operations	\$1,000
00236	Fremont	Safe and Smart Corridors Along Fremont Boulevard	\$7,525
00245	LAVTA	Wheels Forward/2020 Plan	\$220
00180	Oakland	Broadway Shuttle Operations	\$660
00253	Oakland	Fruitvale Ave Gap Closure	\$1,634
00256	Oakland	MacArthur Smart City Corridor Project, Phase I	\$9,500
00263	Pleasanton	Stoneridge at I-680 Interchange Improvements	\$5,200
00067	San Leandro	San Leandro Street Rehabilitation	\$14,000
00190	San Leandro	LINKS Shuttle Operations	\$400
Total			\$70,459

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Paratransit Program Programming and Allocations Recommendations

New CIP Paratransit Programming and Allocations (\$ x 1,000)				
CIP ID	Project Sponsor	Project Name	Total New Programming	Total New Allocation <small>FY 19/20 & FY 20/21</small>
00299	ASEB	Regrowth of Transportation Services for Individuals with Dementia	\$797	\$305
00301	BORP	Accessible Group Trip Transportation for Youth and Adults with Disabilities	\$1,004	\$389
00293	CIL	Community Connections Program (CoCo)	\$940	\$376
00291	CRIL	Travel Training: Oh The Places You Will Go!	\$486	\$324
00294	Drivers for Survivors	Drivers for Survivors Volunteer Driver Program	\$970	\$388
00292	Eden I&R	Mobility Management Through 211 Alameda County	\$747	\$272
00302	EDI	Fast Accessible Safe Transportation Emergency Repair (FASTER)	\$952	\$380
00300	Emeryville	Emeryville Senior Center Group Trips Bus Purchase	\$132	\$132
00290	Fremont	Ride-On Tri-City! Mobility Management and Travel Training Program	\$731	\$279
00297	LAVTA	Para-Taxi Debit Card	\$87	\$39
00298	LAVTA	Para-Taxi Operations	\$140	\$49
00295	LIFE ElderCare	Door Through Door (DthruD) and TNC Transportation for Seniors and Disabled Adults	\$1,023	\$339
00296	SSPTV	Volunteers Assisting Seniors with Transportation (VAST)	\$560	\$215
00293	USAOC	Senior Public Transportation Training and Education Program	\$419	\$96
Total			\$8,988	\$3,583

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TFCA County Program Manager Fund, Draft FY 2019-20 Program

70% Cities/County Share								
Sponsor	Project Name	Project Description	Total Project Cost	Amount Requested	TFCA Share	TFCA Cost-effectiveness (\$ TFCA/ton)	TFCA Recommended	Notes
Alameda	Otis Drive Class 2 Bike Lanes, Traffic Calming and Safety Improvements	The project installs new Class 2 buffered bike lanes, implements road diet, marked crosswalks, flashing beacon, painted bulb-outs, turn pockets and street trees, moves bus stops to the far side, extends red curbs, & improves signal timing.	\$ 899,000	\$ 300,000	\$ (8,203)	\$ 488,656	\$ 175,000	Note 1
Alameda County Public Works	East 14th Street Bike Lanes	On East 14th St, 162nd Avenue to just north of I-238, construct approx. one mile of protected Class 4 bikeway NB and Class 2 buffered bike lane SB, providing a gap closure in existing facilities. Project includes median, signal, streetscape and landscape improvements and enhanced transit facilities.	\$ 18,530,000	\$ 245,000	\$ 431,648	\$ 493,462	\$ 245,000	Notes 1, 2
Alameda CTC	Countywide Transportation Demand Mgmt (TDM) Program, FY 2020-21	FY 2020-21 Countywide TDM program operations. The TDM program includes Guaranteed Ride Home (GRH); IBike, carpool and transit promotional campaigns; Bike Safety Education classes. 30% of the total TDM program cost is assigned to the transit portion of the TFCA fund estimate.	\$ 446,000	\$ 338,000	NA	\$ 77,337	\$ 236,600	
Dublin	Tassajara Road Arterial Management	In Dublin, traffic signal upgrade & coordination along Tassajara Rd-Santa Rita Rd. The proposed project will upgrade signal controllers at 4 intersections; upgrade Battery Backup Units, MMU, video detection, and 1 GPS clock at I-580 ramp for synchronization between Dublin, Pleasanton and Caltrans signals.	\$ 183,800	\$ 183,800	\$ 221,019	\$93,601 - \$174,152	\$ 146,000	
Dublin	Iron Horse Trail Bike/Ped Bridge at Dublin Blvd	In Dublin, at Dublin Blvd near Scarlett Dr. in the vicinity of the East Dublin Pleasanton BART Station, construct a bicycle and pedestrian bridge over Dublin Blvd to connect two segments of the Iron Horse Trail, creating a total separation of cars and buses from bicyclists and pedestrians.	\$ 9,859,000	\$ 6,600,000	\$ 221,019	\$ 410,428	\$ 856,419	Notes 1, 3
Oakland	Broadway Shuttle Operations	The Oakland Broadway Shuttle (the "B") operates between the Jack London Amtrak Station & Grand Ave, weekdays, 7am - 10pm, at 12-15 minute frequencies. FY 2020-21 operations.	\$ 1,005,000	\$ 265,000	\$ 21,598	\$ 211,785	\$ 265,000	Notes 4, 5
Pleasanton	Pleasanton Trip Reduction Program	City-based employer, residential and school-based trip reduction programs which encourage commute alternatives with events and incentive/awareness campaigns. For FYs 2019-20 & 20-21.	\$ 284,000	\$ 134,244	\$ (41,504)	\$ 146,580	\$ 80,000	
Union City	Union City Traffic Signal Control Improvements	Deploy Adaptive Signal Control Technology (ASCT) at 13 intersections along Union City Blvd and Decoto Rd. Overall project includes upgrade of communications system and installation of new Automated Traffic Signal Performance Measures (ATSPM), local controllers/software, a Central Signal Management System, bicycle lane detection and passive pedestrian detection.	\$ 1,070,000	\$ 360,500	\$ 382,218	\$31,698 - \$172,452	\$ 221,000	Note 6
Subtotal Cities/County (70%) Requested				\$ 8,426,544	Amount Recommended		\$ 2,225,019	
					TFCA 70% Available to Program		\$ 2,718,490	
					Balance		\$ 493,471	

TFCA County Program Manager Fund, Draft FY 2019-20 Program

Attachment D

30% Transit Discretionary Share								
Sponsor	Project Name	Project Description	Total Project Cost	Amount Requested	TFCA Share	TFCA Cost-effectiveness (\$ TFCA/ton)	TFCA Recommended	Notes
Alameda CTC	Countywide TDM Program FY 2020-21	FY 2020-21 Countywide TDM program operations (30%)	\$ 446,000	\$ 338,000	NA	\$ 77,337	\$ 101,400	
BART	West Oakland BART Station Bike Locker Expansion	Project will purchase and install 40 additional BikeLink shared use electronic bike lockers at the West Oakland BART station.	\$ 160,000	\$ 100,000	NA	\$ 216,749	\$ 100,000	
		Subtotal Transit Discretionary (30%) Requested		\$ 438,000	Amount Recommended		\$ 201,400	
						TFCA 30% Available to Program	\$ (292,071)	
						Balance	\$ (493,471)	

Program Summary	New FY 2019-20 Fund Estimate	Prior Year Adjustments	Funds Available to Program	Amount Requested	TFCA Recommended	Balance⁷ (Available less Recommended)
Subtotal 70% Cities/County	\$ 1,407,421	\$ 1,311,069	\$ 2,718,490	\$ 8,426,544	\$ 2,225,019	\$ 493,471
Subtotal 30% Transit	\$ 603,181	\$ (895,252)	\$ (292,071)	\$ 438,000	\$ 201,400	\$ (493,471)
Total FY 2019-20 Program	\$ 2,010,602	\$ 415,817	\$ 2,426,419	\$ 8,864,544	\$ 2,426,419	\$ -

Notes:

1. Recommended amount assumes BAAQMD approves proposed change to FY 2019-20 TFCA CPM Policies to raise the cost-effectiveness threshold for bike facilities from \$250K to \$500K per ton of emissions reduced.
2. This grant is proposed to replace existing TFCA project 19ALA04 in order to reduce the County's share of the TFCA fund estimate. The action increases the project's TFCA award by \$122K (from \$123K to \$245K).
3. Project is recommended for both TFCA and Measure BB funding through 2020 CIP. The final mix of TFCA and MBB funding may be adjusted (up to a maximum \$1M of TFCA) to ensure all TFCA funds are programmed this cycle.
4. Recommendation reflects higher the cost-effectiveness threshold (\$250K TFCA per ton of emissions reduced) for shuttle services in Air District-defined Community Air Risk Evaluation (CARE) areas.
5. Programming FY 2019-20 TFCA to the Broadway shuttle is contingent upon the Air District Board's approval of a policy waiver for duplication of service.
6. TFCA funding to cover the required local cash match for the project's secured MTC IDEA Grant funding.
7. Any FY 2019-20 TFCA funding left unprogrammed as of November 1, 2019 may be programmed directly by the Air District.

2020 CIP New Programming Requests - Recommendations (dollars x \$1,000)

TIER 1: Recommended for Programming								
Sponsor	Project Title	Phase	Requested Funds	Programmin g Rec	Fund Source	Fund Subset	Funding Justification Code	Note
BART	19th St Oakland Station Modernization Project	CON	20,000	10,000	2014 MBB	TEP-19	1, 2, 3, 4	Programming of MBB TEP-19 Commitment to BART modernization.
Dublin	Iron Horse Trail Crossing at Dublin Blvd	CON	6,640	4,890	2014 MBB	TEP-42	1, 2, 3	Programming of MBB TEP-42 Commitment to major trails. TFCA funding (not shown) is also recommended.
Fremont	Former State Route 84 Pavement Rehabilitation	Var.	15,000	2,000	2014 MBB	TEP-21	1, 2, 4	Allocation supports advanced project implmentation. Sponsor's SR-84 LATIP funds expected to reimburse MBB upon its immediate availability.
Fremont	I-680 Interchange Modernization	Scoping	3,000	1,000	2014 MBB	TEP-21	1, 2, 4	Programming of MBB TEP-21 Commitment previously approved by Commission on 10/26/17.
Fremont	I-880/Decoto Interchange Modernization	Scoping	1,000	1,000	2014 MBB	TEP-21	1, 2, 4	Programming of MBB TEP-21 Commitment previously approved by Commission on 10/26/17.
Fremont	Niles/Nursery Avenue Railroad Crossing Safety and Quiet Zone	CON	977	977	2014 MBB	TEP-21	1, 2, 4	Programming of MBB TEP-21 Commitment previously approved by Commission on 10/26/17. Programming may be reexamined w/ potential State Prop-1B TCIF funds.
Fremont	Trail: I-880 Bridge at Pacific Commons	PE/Env	2,100	2,100	2014 MBB	TEP-21	1, 2, 4	Programming of MBB TEP-21 Commitment previously approved on 10/26/17
Fremont	Sabercat Trail Connection to Irvington BART Station Area	PE/Env	2,000	2,000	2014 MBB	TEP-21	1, 2, 4	Programming of MBB TEP-21 Commitment previously approved on 10/26/17
Fremont / Union City	Decoto Boulevard Complete Street w/Transit Priority Project	PS&E/ ROW	3,500	3,500	1986	MB226	1, 2, 4	Programming of commitments related to I-880 to Mission Blvd East-West Connector.
Fremont/ Ala. County	Niles Canyon Trail Phase I	PE/Env	1,000	1,000	2014 MBB	TEP-21	1, 2, 4	Programming of MBB TEP-21 Commitment previously approved by Commission on 10/26/17.
Fremont / Union City	Dumbarton to Quarry Lakes Trail	PE/Env	2,000	2,000	2014 MBB	TEP-21	1, 2, 4	Programming of MBB TEP-21 Commitment previously approved by Commission on 10/26/17.
Alameda CTC	Transportation Demand Management Program	O&M	210	210	2014 MBB	TEP-45	1, 2, 3	TFCA funding (not shown) is also recommended.
Alameda CTC	Countywide Modal Update	Scoping	800	800	2010 VRF	Disc- Transit	1, 2, 3	Programming for Countywide planning analysis.
Total Tier 1			57,217	30,467				

Funding Justification Key

1. Countywide Benefit - Project provides countywide benefit, nexus to existing projects, and address critical gap closure and transportation need.
2. Project Readiness - Project is immediately ready for project implementation with complete funding plan and/or implementation strategy.
3. Leveraging/Matching Sources - Project Sponsor commits minimum match of 20% or more against recommended funding.
4. Programming from Transportation Expenditure Commitment reserved for the Project Sponsor only.
5. Project can be consideration in future CIP cycle. Did not demonstrate immediate funding need to begin implementation, secure external funds, or address significant transportation need.

2020 CIP New Programming Requests - Recommendations (dollars x \$1,000)

TIER 2: Not Recommended for Programming								
Sponsor	Project Title	Phase	Requested Funds	Programmin g Rec	Fund Source	Fund Subset	Funding Justification Code	Note
Dublin	Iron Horse Trail Crossing at Dublin Blvd	ROW	28				See Note	Funding recommended for CON phase only.
BART	Transit Operations Facility (TOF)	CON	79,771				5	
BART	19th Street Bike Station	CON	5,580				5	
BART	West Oakland BART Bike Lockers	CON	70				See Note	TFCA funds recommended in lieu of local measure funding.
BART	North Berkeley Access Improvements	CON	6,370				5	
BART	Bayfair Connection	Var.	94,400				5	Named MBB Capital Project that may request an allocation in the future based on project delivery schedule and completion of major milestones.
BART	Union City Intermodal Station Phase 2A	CON	5,000				5	Not recommended for funding due to cost overrun on previously funded project by Alameda CTC.
BART	Lake Merritt BART Plaza Improvements	CON	15,000				5	
BART	Dublin/Pleasanton Active Access Improvements (Iron Horse Trail)	CON	2,350				5	
Fremont	I-880 Bicycle/Pedestrian Bridge and Trail - EBGW Reach 6	ROW /CON	30,000				5	
Fremont	East Bay Greenway: South Hayward to South Fremont	PE/Env	3,800				5	
Fremont	Irvington BART Station	Var.	100,803				5	Named MBB Capital Project that may request an allocation in the future based on project delivery schedule and completion of major milestones.
Total Tier 2			343,172	0				
Total Tier 1 and 2			400,389	30,467				

Funding Justification Key

1. Countywide Benefit - Project provides countywide benefit, nexus to existing projects, and address critical gap closure and transportation need.
2. Project Readiness - Project is immediately ready for project implementation with complete funding plan and/or implementation strategy.
3. Leveraging/Matching Sources - Project Sponsor commits minimum match of 20% or more against recommended funding.
4. Programming from Transportation Expenditure Commitment reserved for the Project Sponsor only.
5. Project can be consideration in future CIP cycle. Did not demonstrate immediate funding need to begin implementation, secure external funds, or address significant transportation need.

CIP General Programming Adjustments

CIP General Programming Adjustments Detail (\$ x 1,000)				
CIP ID	Project Sponsor	Project Name	Description of programming and allocation adjustment	Justification Notes
00056	AC Transit	Grand/MacArthur BRT	\$3 is deprogrammed	3
00195	Alameda	Alameda Point Bus Rapid Transit – Dedicated Bus Lanes	\$7,650 is reprogrammed from FY 19/20 to FY 21/22	1
00199	Alameda	Clement Avenue East Extension and Tilden Way	\$6,376 is reprogrammed from FY 19/20 to FY 21/22	1
00217	Alameda County/LAVTA	Dublin/Pleasanton BART Parking Expansion	\$3,500 in SB-1 SLLP fund source change to VRF.	2
00019	Alameda CTC	Countywide Bicycle Pedestrian Planning/Promotions	\$305 is deprogrammed	2
00033	Alameda CTC	Transportation Services for Hospital Discharge and Wheelchair / Scooter Breakdown	\$386 is deprogrammed	3
00054	Alameda CTC	Affordable Transit for Seniors and People with Disabilities – Needs Assessment	\$499 is deprogrammed	3
00073	Alameda CTC	I-580/I-680 Interchange Improvements (study only)	\$1,000 is deprogrammed	3
00131	Alameda CTC	I-580 Freeway Corridor Management System (FCMS)	\$4,983 is deprogrammed	3
00132	Alameda CTC	San Pablo Avenue (SR 123) Multi-Modal Corridor Project	\$5,550 is programmed	2
00156	Alameda CTC	Modal Plans Implementation E.14th and Mission Blvd Corridors	\$450 is programmed	2
00207	Alameda CTC	Corridor Studies Implementation	\$6,000 is deprogrammed and moved to CIP 0132 and 00156.	2
00207	Alameda CTC	Corridor Studies Implementation	\$3,000 is deprogrammed	3
00208	Alameda CTC	Alameda County Safe Routes to School Program	\$1,000 is reprogrammed between FY 20/21 and FY 22/23	1
00209	Alameda CTC	Goods Movement Emissions Reduction	\$3,000 is reprogrammed to FY 21/22	1
00287	Alameda CTC	Oakland Alameda Access Project	\$5,000 programmed	4
00288	Alameda CTC	Rail Safety Enhancement Program	\$5,500 programmed	4
00058	BART	Irvington BART Station	\$16,450 programmed	4
00143	Fremont	Scoping: Route 84 Relinquishment and Centerville Streetscape on Fremont Blvd.	\$9 is deprogrammed	3
00152	Fremont	Scoping: Union Pacific Railroad Trail Corridor (South Portion of East Bay Greenway)	\$8 is deprogrammed	3

CIP General Programming Adjustments Detail (\$ x 1,000)				
CIP ID	Project Sponsor	Project Name	Description of programming and allocation adjustment	Justification Notes
00153	Fremont	Scoping: Fremont BART Station West Side Enhancement	\$8 is deprogrammed	3
00154	Fremont	Scoping: I-880 Bike and Ped Bridge and Trail Connector to Warm Springs BART Station to Bay Trail	\$8 is deprogrammed	3
00064	Oakland	Oakland Broadway Corridor Transit	\$550 is depogrammed	3
00253	Oakland	Fruitvale Ave Gap Closure	\$1,634 reprogrammed from FY 19/20 to FY 20/21	1
00256	Oakland	MacArthur Smart City Corridor Project, Phase I	\$9, 500 reprogrammed from FY 19/20 to FY 20/21	1
00181	Pleasanton	Bernal Ave Park and Ride Lot	\$1101 is deprogrammed	3
00144	Port of Oakland	Scoping: Airport Drive Overlay	\$8 is deprogrammed	3
00145	Port of Oakland	Scoping: Port Terminal Seismic Monitoring Program	\$1 is deprogrammed	3
00146	Port of Oakland	Scoping: Port Area ITS Deployment	\$28 is deprogrammed	3
00147	Port of Oakland	Scoping: Middle Harbor Road Improvements	\$8 is deprogrammed	3
00148	Port of Oakland	Scoping: Port Terminal Lighting Upgrade	\$2 is deprogrammed	3
00150	Port of Oakland	Scoping: Airport Perimeter Dike	\$20 is depogrammed	3
00151	Port of Oakland	Scoping: 7th Street Grade Separation East	\$4 is deprogrammed	3
00268	Port of Oakland	Adeline Street Bridge Reconstruction	\$50 is deprogrammed	3
00264	San Leandro	E.14 th St./Hesperian Blvd/150 th Ave Intersection Improvements	\$1,821 reprogrammed from FY 19/20 to FY 21/22	1
00062	Union City	Union City Intermodal Station	\$49 is deprogrammed	1

Funding Justification Key

1. Project sponsor request to coincide timing of funds with project delivery schedule.
2. Strategic consolidation and use of other eligible fund sources.
3. Project closeout result in removing remaining funds or project sponsor not proceeding with implementation.
4. Previously approved off-cycle CIP programming formally memorized in the CIP.

Alameda CTC Comprehensive Investment Plan Technical Detail: Changes to Current Programming Programming and Allocation Adjustments for the 2020 CIP									Programming and Allocations (\$ x 1,000)							Notes	
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Allocations	Adjustments to Prior Programming and Allocations						Total Allocated (Thru FY20-21)
										Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24		
00056	AC Transit	Grand/MacArthur BRT	1-North	Local	2014 MBB	TEP-15	Transit	Planning / Scoping	(3)	(3)					(3)	Deprogrammed - unspent balance with project closure.	
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	1-North	Local	2014 MBB	TEP-14	Transit	CON			(7,650)		7,650		(7,650)	Reprogrammed to future year to coincide with project delivery schedule.	
00199	Alameda	Clement Avenue East Extension and Tilden Way	1-North	Local	2014 MBB	TEP-26	LSR	CON			(6,376)		6,376		(6,376)	Reprogrammed to future year to coincide with project delivery schedule.	
00314	Alameda	Otis Drive Traffic Calming and Safety Improvement Project	1-North	Local	TFCA	Prog Mgr	Transit	CON	175		175				175	New programming/allocation.	
00202	Alameda County	East 14th St. Corridor Improvement Project Phase II (San Leandro Area)	2-Central	Local	TFCA	Prog Mgr.	Bike/Ped	CON	245		245				245	New programming/allocation. \$123k allocated in FY 18/19 previously approved on 10/25/18, incorporated in FY 19/20.	
00319	Alameda County	Hesperian Blvd Class 2 Bike Lanes	2-Central	Local	TFCA	Prog Mgr	Bike/Ped	CON	137	137					137	Previously approved allocation on 10/25/18.	
00217	Alameda County / LAVTA	Dublin/Pleasanton BART Parking Expansion	4-East	State	SB-1	SLPP	Transit	Various	(3,500)		(3,500)				(3,500)	Fund source change - deprogrammed SB-1 SLPP funds and reprogrammed liked amount in VRF funds	
00217	Alameda County / LAVTA	Dublin/Pleasanton BART Parking Expansion	4-East	Local	2010 VRF	Disc-Transit	Transit	Various	3,500		3,500				3,500	Fund source change - deprogrammed SB-1 SLPP funds and reprogrammed liked amount in VRF funds	
00019	Alameda CTC	Countywide Bicycle Pedestrian Planning/Promotion	Multiple	Local	2000 MB	Disc-BP	Bike/Ped	Various	(122)	(122)	(61)	(61)	(61)		(244)	Deprogramming - project activities funded with alternative funds.	
00033	Alameda CTC	Transportation Services for Hospital Discharge and Wheelchair/Scooter Breakdown	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	(386)	(291)	(95)				(386)	Deprogrammed - project closed.	
00054	Alameda CTC	Affordable Transit for Seniors and People with Disabilities - Needs Assessment	Multiple	Local	2014 MBB	TEP-12	Paratransit	Planning / Scoping	(499)	(499)					(499)	Deprogrammed - project sponsor not proceeding with project.	
00073	Alameda CTC	I-580/I-680 Interchange Improvements (Study Only)	4-East	Local	2014 MBB	TEP-33	HWY	Planning / Scoping	(1,000)	(1,000)					(1,000)	Deprogrammed - project sponsor not proceeding with project.	
00081	Alameda CTC	East Bay Greenway: Lake Merritt BART to South Hayward BART	Multiple	Local	2014 MBB	TEP-42	Bike/Ped	Final Design (PS&E)			(12,000)		12,000		(12,000)	Reprogrammed to future year to coincide with project delivery schedule.	
00131	Alameda CTC	I-580 Freeway Corridor Management System (FCMS)	4-East	Local	2014 MBB	TEP-26	HWY	Planning / Scoping	(4,983)	(4,983)					(4,983)	Deprogrammed - project sponsor not proceeding with project.	
00132	Alameda CTC	San Pablo Avenue (SR 123) Multi-Modal Corridor Project	1-North	Local	2014 MBB	TEP-26	LSR	Planning / Scoping	5,550	5,550					5,550	Programming adjustment moved \$5.55M from CIPID 00207 for project implementation.	
00156	Alameda CTC	Modal Plans Implementation: E. 14th and Mission Blvd Corridors	Multiple	Local	2014 MBB	TEP-26	Multiple	Various	450	450					450	Programming adjustment moved \$0.45M from CIPID 00207 for project implementation.	
00192	Alameda CTC	Transportation Demand Management (TDM) Program	Multiple	Local	TFCA	Prog Mgr.	Transit	O&M	669		331	338			669	New programming/allocation. \$331k in FY 18/19 previously approved on10/25/18.	
00192	Alameda CTC	Transportation Demand Management (TDM) Program	Multiple	Local	2014 MBB	TEP-45	Transit	O&M	210		210				210	New programming/allocation.	
00207	Alameda CTC	Corridor Studies Implementation	Multiple	Local	2010 VRF	Disc-Transit	Transit	Planning / Scoping	(2,000)	(2,000)					(2,000)	Deprogrammed - project sponsor not proceeding with project.	
00207	Alameda CTC	Corridor Studies Implementation	Multiple	Local	2014 MBB	TEP-26	LSR	Planning / Scoping	(6,000)	(6,000)					(6,000)	Deprogrammed - \$5.5M moved to CIP 00132 and \$0.5M CIPID 00156.	
00207	Alameda CTC	Corridor Studies Implementation	Multiple	Local	2010 VRF	Disc-Transit	Transit	PE/Env	(3,000)		(3,000)				(3,000)	Deprogrammed - project sponsor not proceeding with project.	
00208	Alameda CTC	Alameda County Safe Routes to School Program	Multiple	Local	2000 MB	Disc-BP	Bike/Ped	CON			(500)	(500)		500	500	0	Reprogrammed to future year to coincide with project delivery schedule.
00209	Alameda CTC	Goods Movement Emissions Reduction Program	Multiple	Local	2014 MBB	TEP-27	Freight	O&M			(1,500)	(1,500)	3,000		(3,000)	Reprogrammed to future year to coincide with project delivery schedule.	
00287	Alameda CTC	Oakland Alameda Access Project	1-North	Local	2014 MBB	TEP-37	HWY	PE/Env	5,000		5,000				5,000	Previously approved allocation on 10/25/18	
00288	Alameda CTC	Rail Safety Enhancement Program (SEP)	Multiple	Local	2014 MBB	TEP-41	Freight	Planning / Scoping	5,500		5,500				5,500	Previously approved allocation on 2/28/19	
00289	Alameda CTC	Student Transit Pass Program	Multiple	Local	2014 MBB	TEP-07	Transit	O&M	23,500			2,800	6,700	6,700	7,300	2,800	New programming/allocation.Future programming to be adjusted to for new funding.
00313	Alameda CTC	Countywide Model Update	Multiple	Local	2010 VRF	Disc-Transit	Transit	Planning / Scoping	800		800				800	New programming/allocation.	
00300	ASEB	Regrowth of Transportation Services for Individuals with Dementia	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	797		150	155	159	164	169	305	New programming/allocation.
00058	BART	Irvington BART Station	3-South	Local	2014 MBB	TEP-17	Transit	Final Design (PS&E)	16,450	16,450					16,450	Previously approved allocation on 10/25/18	

Alameda CTC Comprehensive Investment Plan									Programming and Allocations (\$ x 1,000)							Notes	
Technical Detail: Changes to Current Programming									Programme d Amount	Prior Allocations	Adjustments to Prior Programming and Allocations						Total Allocated (Thru FY20-21)
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase		Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24		
00304	BART	Dublin/Pleasanton Active Access Improvements (Iron Horse Trail)	4-East	Local	2014 MBB	TEP-42	Bike/Ped	CON	2,350		2,350				2,350	New programming from MBB Commitment in Transportation Expenditure Plan.	
00318	BART	West Oakland BART Station Bike Locker Expansion	1-North	Local	TFCA	Prog Mgr	Transit	CON	100		100				100	New programming/allocation.	
00302	BORP	Accessible Group Trip Transportation for Youth and Adults with Disabilities	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	1,004		180	209	192	198	225	389	New programming/allocation.
00293	CIL	Community Connections Program (CoCo)	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	940		188	188	188	188	188	376	New programming/allocation.
00291	CRIL	Travel Training: Oh The Places You Will Go!	Multple	Local	2000 MB	Disc-PT	Paratransit	O&M	486		162	162	162	-	-	324	New programming/allocation.
00320	CSU East Bay	CSUEB/Hayward BART - 2nd Shuttle Operations	2-Central	Local	TFCA	Prog Mgr	Transit	O&M	215	215						215	Previously approved allocation on 10/25/18.
00295	Drivers for Survivors	Drivers for Survivors Volunteer Driver Program	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	970		194	194	194	194	194	388	New programming/allocation.
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	4-East	Local	2014 MBB	TEP-42	Bike/Ped	CON	4,751		4,751					4,751	New programming/allocation from MBB Commitment in Transportation Expenditure Plan.
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	4-East	Local	TFCA	Prog Mgr	Bike/Ped	CON	856		856					856	New programming/allocation.
00315	Dublin	Tassajara Road Arterial Management Project	4-East	Local	TFCA	Prog Mgr	Transit	CON	146		146					146	New programming/allocation.
00292	Eden I&R	Mobility Management Through 211 Alameda County	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	747		136	136	153	157	165	272	New programming/allocation.
00303	EDI	Fast Accessible Safe Transportation Emergency Repair (FASTER)	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	952		217	163	225	171	176	380	New programming/allocation.
00301	Emeryville	Emeryville Senior Center Group Trips Bus Purchase	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	132		132	-	-	-	-	132	New programming/allocation.
00143	Fremont	Scoping: Route 84 Relinquishment and Centerville Streetscape on Fremont Blvd.	3-South	Local	2014 MBB	TEP-26	Multiple	Planning / Scoping	(9)	(9)						(9)	Deprogrammed - unspent balance with project closure.
00152	Fremont	Scoping: Union Pacific Railroad Trail Corridor (South Portion of East Bay Greenway)	3-South	Local	2014 MBB	TEP-42	Multiple	Planning / Scoping	(8)	(8)						(8)	Deprogrammed - unspent balance with project closure.
00153	Fremont	Scoping: Fremont BART Station West Side Enhancement	3-South	Local	2014 MBB	TEP-45	Transit	Planning / Scoping	(8)	(8)						(8)	Deprogrammed - unspent balance with project closure.
00154	Fremont	Scoping: I-880 Bike and Ped Bridge and Trail Connector to Warm Springs BART Station to Bay Trail	3-South	Local	2014 MBB	TEP-45	Bike/Ped	Planning / Scoping	(8)	(8)						(8)	Deprogrammed - unspent balance with project closure.
00290	Fremont	Ride-On Tri-City! Mobility Management and Travel Training Program	4-South	Local	2000 MB	Disc-PT	Paratransit	O&M	731		134	145	149	151	152	279	New programming/allocation.
00305	Fremont	I-680 Interchange Modernization at Mission Blvd / SR 238	3-South	Local	2014 MBB	TEP-21	HWY	Planning / Scoping	1,000		1,000					1,000	New programming/allocation. MBB commitment previously approved on 10/26/17.
00306	Fremont	I-880/Decoto Interchange Modernization	3-South	Local	2014 MBB	TEP-21	HWY	Planning / Scoping	1,000		1,000					1,000	New programming/allocation. MBB commitment previously approved on 10/26/17.
00309	Fremont	I-880 Bridge at Pacific Commons Trail	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	2,100		2,100					2,100	New programming/allocation. MBB commitment previously approved on 10/26/17.
00310	Fremont	Niles Canyon Trail Phase I	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	1,000		1,000					1,000	New programming/allocation. MBB commitment previously approved on 10/26/17.
00311	Fremont	Sabercat Trail Connection to Irvington BART Station Area	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	2,000		2,000					2,000	New programming/allocation. MBB commitment previously approved on 10/26/17.
00322	Fremont	Former State Route 84 Pavement Rehabilitation	3-South	Local	2014 MBB	TEP-21	LSR	CON	2,000		2,000					2,000	New programming/allocation. MBB commitment previously approved on 10/26/17.
00308	Fremont/ Ala. County	Niles/Nursery Avenue Railroad Crossing Safety and Quiet Zone	3-South	Local	2014 MBB	TEP-21	Freight	CON	977		977					977	New programming/allocation. MBB commitment previously approved on 10/26/17.
00307	Fremont/ Union City	Decoto Boulevard Complete Streets w/Transit Priority Project	3-South	Local	1986 MB	MB226	LSR	Final Design (PS&E)	3,500		3,500					3,500	Programming of commitments related to I-880 to Mission Blvd East-West Connector.
00312	Fremont/ Union City	Dumbarton to Quarry Lakes Trail	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	2,000		2,000					2,000	New programming/allocation. MBB commitment previously approved on 10/26/17.
00298	LAVTA	Para-Taxi Debit Card	4-East	Local	2000 MB	Disc-PT	Paratransit	O&M	87		23	16	16	16	16	39	New programming/allocation.
00299	LAVTA	Para-Taxi Operations	4-East	Local	2000 MB	Disc-PT	Paratransit	O&M	140		24	25	28	30	33	49	New programming/allocation.

Alameda CTC Comprehensive Investment Plan Technical Detail: Changes to Current Programming Programming and Allocation Adjustments for the 2020 CIP									Programming and Allocations (\$ x 1,000)							Notes	
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Allocations	Adjustments to Prior Programming and Allocations						Total Allocated (Thru FY20-21)
										Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24		
00321	LAVTA	LAVTA Rte 30 BRT Operations, FYs 15/16 and 16/17	4-East	Local	TFCA	Prog Mgr	Transit	Various	477	477						477	Previously approved allocation on 10/25/18.
00296	LIFE ElderCare	Door Through Door (DthruD) and TNC Transportation for Seniors and Disabled Adults	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	1,023		150	189	200	234	250	339	New programming/allocation.
00064	Oakland	Oakland Broadway Corridor Transit	1-North	Local	2014 MBB	TEP-24	Transit	Planning / Scoping	(550)	(550)						(550)	Deprogrammed - unspent balance with project closure.
00180	Oakland	Broadway Shuttle Operations	1-North	Local	TFCA	Prog Mgr	Transit	O&M	603	338	265					603	New programming/allocation. FY 18/19 allocation previously approved on 10/25/18.
00251	Oakland	E 12th Street Bikeway	1-North	Local	TFCA	Prog Mgr	Bike/Ped	CON	140	140						140	Previously approved allocation on 10/25/18.
00253	Oakland	Fruitvale Ave Gap Closure	1-North	Local	2014 MBB	TEP-44	Bike/Ped	CON			(1,634)	1,634				0	Reprogrammed to future allocation year to coincide with project delivery schedule.
00256	Oakland	MacArthur Smart City Corridor Project, Phase I	1-North	Local	2014 MBB	TEP-46	LSR	CON			(9,500)	9,500				0	Reprogrammed to future allocation year to coincide with project delivery schedule.
00181	Pleasanton	Bernal Ave Park and Ride Lot	4-East	Local	2010 VRF	Disc-Transit	Transit	Final Design (PS&E)	(136)	(136)						(136)	Deprogrammed - project sponsor not proceeding with project. Fund agreement A17-0119 to be terminated.
00181	Pleasanton	Bernal Ave Park and Ride Lot	4-East	Local	TFCA	Prog Mgr	Transit	CON	(189)	(189)						(189)	Deprogrammed - project sponsor not proceeding with project. Fund agreement A17-0119 to be terminated.
00181	Pleasanton	Bernal Ave Park and Ride Lot	4-East	Local	2010 VRF	Disc-Transit	Transit	CON	(776)	(776)						(776)	Deprogrammed - project sponsor not proceeding with project. Fund agreement A17-0119 to be terminated.
00316	Pleasanton	Citywide Trip Reduction Program	4-East	Local	TFCA	Prog Mgr	Transit	O&M	80		80					80	New programming/allocation.
00144	Port of Oakland	Scoping: Airport Drive Overlay	1-North	Local	2014 MBB	TEP-26	Multiple	Planning / Scoping	(8)	(8)						(8)	Deprogrammed - unspent balance with project closure.
00145	Port of Oakland	Scoping: Port Terminal Seismic Monitoring Program	1-North	Local	2014 MBB	TEP-26	Freight	Planning / Scoping	(1)	(1)						(1)	Deprogrammed - unspent balance with project closure.
00146	Port of Oakland	Scoping: Port Area ITS Deployment	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	(28)	(28)						(28)	Deprogrammed - unspent balance with project closure.
00147	Port of Oakland	Scoping: Middle Harbor Road Improvements	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	(8)	(8)						(8)	Deprogrammed - unspent balance with project closure.
00148	Port of Oakland	Scoping: Port Terminal Lighting Upgrade	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	(2)	(2)						(2)	Deprogrammed - unspent balance with project closure.
00150	Port of Oakland	Scoping: Airport Perimeter Dike	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	(20)	(20)						(20)	Deprogrammed - unspent balance with project closure.
00151	Port of Oakland	Scoping: 7th Street Grade Separation East	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	(4)	(4)						(4)	Deprogrammed - unspent balance with project closure.
00268	Port of Oakland	Adeline Street Bridge Reconstruction	1-North	Local	2014 MBB	TEP-41	Freight	Planning / Scoping	(50)		(50)					(50)	Deprogrammed - project sponsor not proceeding with project.
00264	San Leandro	E.14th St/Hesperian Blvd/150th Ave Intersection Improvements	2-Central	Local	2014 MBB	TEP-26	LSR	CON			(1,821)		1,821			(1,821)	Reprogrammed to future year to coincide with project delivery schedule.
00297	SSPTV	Volunteers Assisting Seniors with Transportation (VAST)	4-East	Local	2000 MB	Disc-PT	Paratransit	O&M	560		106	109	112	115	118	215	New programming/allocation.
00062	Union City	Union City Intermodal Station	3-South	Local	2014 MBB	TEP-22	Transit	Planning / Scoping	(49)	(49)						(49)	Deprogrammed - unspent balance with project closure.
00317	Union City	Union City IDEA Grant Traffic Signal Control Improvement	4-East	Local	TFCA	Prog Mgr	Transit	CON	221		221					221	New programming/allocation.
00294	USAOC	Senior Public Transportation Training and Education Program	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	419		34	62	103	108	112	96	New programming/allocation.
Totals									73,343	7,055	(8,100)	16,314	39,367	8,926	9,598	16,269	

Total 2-year Allocations	\$ 8,214
Total 5-year Programming	\$ 66,105

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Alameda CTC Comprehensive Investment Plan									Programming and Allocations (\$ x 1,000)							
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan																
2020 CIP Programming and Allocations										Prior Allocations	Two-Year Allocation Plan		Future Programming			
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00004	AC Transit	Preservation of Existing Services in Communities of Concern	Multiple	State	Lifeline	STA	Transit	O&M	3,583	3,583						3,583
00004	AC Transit	Preservation of Existing Services in Communities of Concern	Multiple	Federal	Lifeline	JARC	Transit	O&M	1,417	1,417						1,417
00006	AC Transit	Ashland and Cherryland Transit Access Improvements (Ala. County)	Multiple	Federal	Lifeline	STA	Transit	CON	450	450						450
00007	AC Transit	Additional Preservation of Existing Services in Communities of Concern	Multiple	Federal	Lifeline	STA	Transit	O&M	1,741	1,741						1,741
00009	AC Transit	City of Oakland Broadway Shuttle	1-North	Federal	Lifeline	JARC	Transit	O&M	405	405						405
00050	AC Transit	AC Transit: East Bay Bus Rapid Transit	Multiple	Regional	TFCA	Prog Mgr	Transit	CON	925	925						925
00050	AC Transit	AC Transit: East Bay Bus Rapid Transit	Multiple	Local	2000 MB	07A	Transit	Various	11,510	11,510						11,510
00050	AC Transit	AC Transit: East Bay Bus Rapid Transit	Multiple	Local	2014 MBB	TEP-13	Transit	CON	10,000	10,000						10,000
00056	AC Transit	Grand/MacArthur BRT	1-North	Local	2014 MBB	TEP-15	Transit	Planning / Scoping	97	97						97
00057	AC Transit	College/Broadway Corridor Transit Priority	1-North	Local	2014 MBB	TEP-16	Transit	Planning / Scoping	100	100						100
00171	AC Transit	Line 97 Corridor Improvements (Signal timing component)	Multiple	Local	TFCA	Prog Mgr	Transit	Various	228	228						228
00193	AC Transit	Berkeley Southside Pilot Transit Lanes (including Telegraph, Bancroft)	1-North	Local	2010 VRF	Disc-Transit	Transit	Various	300	300						300
00194	AC Transit	Rapid Bus Corridor Upgrades (San Pablo and Telegraph Corridors)	1-North	Local	2000 MB	Disc-Transit	Transit	Final Design (PS&E)	447	447						447
00194	AC Transit	Rapid Bus Corridor Upgrades (San Pablo and Telegraph Corridors)	1-North	Local	2000 MB	Disc-Transit	Transit	PE/Env	536	536						536
00194	AC Transit	Rapid Bus Corridor Upgrades (San Pablo and Telegraph Corridors)	1-North	Local	2010 VRF	Disc-Transit	Transit	CON	4,018	4,018						4,018
00087	Alameda	Alameda City Complete Streets	1-North	Federal	OBAG	STP	Bike/Ped	CON	505	505						505
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	1-North	Local	2014 MBB	TEP-14	Transit	Planning / Scoping	450	450						450
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	1-North	Local	2014 MBB	TEP-14	Transit	PE/Env	450	450						450
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	1-North	Local	2014 MBB	TEP-14	Transit	Final Design (PS&E)	450	450						450
00195	Alameda	Alameda Point Bus Rapid Transit - Dedicated Bus Lanes	1-North	Local	2014 MBB	TEP-14	Transit	CON	7,650				7,650			
00196	Alameda	Central Avenue Complete Street	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	CON	3,487		3,487					3,487
00197	Alameda	City Wide Street Resurfacing - Pavement Management	1-North	Federal	STP/CMAQ	LSR	LSR	CON	827		827					827
00198	Alameda	Clement Avenue Complete Street	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	PE/Env	124	124						124
00198	Alameda	Clement Avenue Complete Street	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	Final Design (PS&E)	443	443						443

Alameda CTC Comprehensive Investment Plan									Programming and Allocations (\$ x 1,000)							
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan																
2020 CIP Programming and Allocations										Prior Allocations	Two-Year Allocation Plan		Future Programming			
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00198	Alameda	Clement Avenue Complete Street	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	CON	4,451		4,451					4,451
00199	Alameda	Clement Avenue East Extension and Tilden Way	1-North	Local	2014 MBB	TEP-26	LSR	Planning / Scoping	244	244						244
00199	Alameda	Clement Avenue East Extension and Tilden Way	1-North	Local	2014 MBB	TEP-26	LSR	PE/Env	244	244						244
00199	Alameda	Clement Avenue East Extension and Tilden Way	1-North	Local	2014 MBB	TEP-26	LSR	Final Design (PS&E)	434	434						434
00199	Alameda	Clement Avenue East Extension and Tilden Way	1-North	Local	2014 MBB	TEP-26	LSR	ROW - Capital	1,097	1,097						1,097
00199	Alameda	Clement Avenue East Extension and Tilden Way	1-North	Local	2014 MBB	TEP-26	LSR	CON	6,376				6,376			
00200	Alameda	Seaplane Lagoon Ferry Terminal	1-North	Local	2014 MBB	TEP-45	Transit	CON	8,200		8,200					8,200
00314	Alameda	Otis Drive Traffic Calming and Safety Improvement Project	1-North	Local	TFCA	Prog Mgr	Transit	CON	175		175					175
00088	Alameda County	Alameda Co-Various Streets and Roads Preservation	Multiple	Federal	OBAG	STP	LSR	CON	1,565	1,565						1,565
00127	Alameda County	Hesperian Blvd Corridor Improvement (A St - I880)	2-Central	Local	2014 MBB	TEP-26	LSR	CON	7,000	7,000						7,000
00162	Alameda County	East Castro Valley Boulevard Class II Bike Lanes	4-East	Local	TFCA	Prog Mgr	Bike/Ped	Various	62	62						62
00201	Alameda County	Alameda County Parking Demand and Management Strategy Study	2-Central	Local	2000 MB	Disc-TCD	Transit	Planning / Scoping	88	88						88
00202	Alameda County	East 14th St. Corridor Improvement Project Phase II (San Leandro Area)	2-Central	Local	2014 MBB	TEP-26	LSR	CON	7,600		7,600					7,600
00202	Alameda County	East 14th St. Corridor Improvement Project Phase II (San Leandro Area)	2-Central	Local	TFCA	Prog Mgr.	Bike/Ped	CON	245		245					245
00203	Alameda County	Meekland Avenue Corridor Improvement Phase II (Cherryland/Ashland Area)	2-Central	Federal	STP/CMAQ	STP/CMAQ	LSR	CON	9,300		9,300					9,300
00204	Alameda County	Pavement Preservation - Various Roadways in Central Unincorporated Alameda County	4-East	Federal	STP/CMAQ	LSR	LSR	PE/Env	100	100						100
00204	Alameda County	Pavement Preservation - Various Roadways in Central Unincorporated Alameda County	4-East	Federal	STP/CMAQ	LSR	LSR	CON	2,071	2,071						2,071
00205	Alameda County	Pavement Preservation - Various Roadways in Rural Unincorporated Alameda County (FAS)	2-Central	Federal	STP/CMAQ	LSR	LSR	PE/Env	100	100						100
00205	Alameda County	Pavement Preservation - Various Roadways in Rural Unincorporated Alameda County (FAS)	2-Central	Federal	STP/CMAQ	LSR	LSR	CON	1,679	1,679						1,679
00319	Alameda County	Hesperian Blvd Class 2 Bike Lanes	2-Central	Local	TFCA	Prog Mgr	Bike/Ped	CON	137	137						137
00217	Alameda County / LAVTA	Dublin/Pleasanton BART Parking Expansion	4-East	State	SB-1	SLPP	Transit	Various								
00217	Alameda County / LAVTA	Dublin/Pleasanton BART Parking Expansion	4-East	Local	2010 VRF	Disc-Transit	Transit	Various	7,000		7,000					7,000
00019	Alameda CTC	Countywide Bicycle Pedestrian Planning/Promotion	Multiple	Local	2000 MB	Disc-BP	Bike/Ped	Various	418	235						235
00033	Alameda CTC	Transportation Services for Hospital Discharge and Wheelchair/Scooter Breakdown	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	109	109						109

Alameda CTC Comprehensive Investment Plan									Programming and Allocations (\$ x 1,000)							
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan																
2020 CIP Programming and Allocations										Prior Allocations	Two-Year Allocation Plan		Future Programming			
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00053	Alameda CTC	Affordable Student Transit Pass Programs	Multiple	Local	2014 MBB	TEP-08	Transit	O&M	15,000	15,000						15,000
00054	Alameda CTC	Affordable Transit for Seniors and People with Disabilities - Needs Assessment	Multiple	Local	2014 MBB	TEP-12	Paratransit	Planning / Scoping	1	1						1
00069	Alameda CTC	I-80 Gilman Street Interchange Improvements	1-North	Local	2014 MBB	TEP-29	HWY	PE/Env	3,000	3,000						3,000
00069	Alameda CTC	I-80 Gilman Street Interchange Improvements	1-North	Local	2014 MBB	TEP-29	HWY	Final Design (PS&E)	6,600	6,600						6,600
00069	Alameda CTC	I-80 Gilman Street Interchange Improvements	1-North	Local	2014 MBB	TEP-29	HWY	ROW-CAP	2,400	2,400						2,400
00070	Alameda CTC	I-80 Ashby Interchange Improvements	1-North	Local	2014 MBB	TEP-30	HWY	Planning / Scoping	100	100						100
00070	Alameda CTC	I-80 Ashby Interchange Improvements	1-North	Local	2014 MBB	TEP-30	HWY	PE/Env	4,000	4,000						4,000
00070	Alameda CTC	I-80 Ashby Interchange Improvements	1-North	Local	2014 MBB	TEP-30	HWY	Final Design (PS&E)	5,500	5,500						5,500
00071	Alameda CTC	SR-84/I-680 Interchange and SR-84 Widening	4-East	Local	2014 MBB	TEP-31	HWY	PE/Env	4,000	4,000						4,000
00071	Alameda CTC	SR-84/I-680 Interchange and SR-84 Widening	4-East	Local	2014 MBB	TEP-31	HWY	Final Design (PS&E)	16,500	16,500						16,500
00071	Alameda CTC	SR-84/I-680 Interchange and SR-84 Widening	4-East	Local	2014 MBB	TEP-31	HWY	ROW-CAP	20,000	10,000	10,000					20,000
00072	Alameda CTC	SR-84 Expressway Widening (Pigeon Pass to Jack London)	4-East	Local	2014 MBB	TEP-32	HWY	CON	10,000	10,000						10,000
00073	Alameda CTC	I-580/I-680 Interchange Improvements (Study Only)	4-East	Local	2014 MBB	TEP-33	HWY	Planning / Scoping								
00075	Alameda CTC	I-680 Sunol Express Lanes: SR-237 to SR84	Multiple	Local	2014 MBB	TEP-35	HWY	Final Design (PS&E)	5,000	5,000						5,000
00075	Alameda CTC	I-680 Sunol Express Lanes: SR-237 to SR84	Multiple	Local	2014 MBB	TEP-35	HWY	CON	15,000	15,000						15,000
00076	Alameda CTC	I-880 NB HOV/HOT Extension from A Street to Hegenberger	Multiple	Local	2014 MBB	TEP-36	HWY	Planning / Scoping	100	100						100
00077	Alameda CTC	I-880 Whipple Road/Industrial Parkway Southwest Interchange Improvements	Multiple	Local	2014 MBB	TEP-38	HWY	Planning / Scoping	925	925						925
00077	Alameda CTC	I-880 Whipple Road/Industrial Parkway Southwest Interchange Improvements	Multiple	Local	2014 MBB	TEP-38	HWY	PE/Env	4,750	4,750						4,750
00078	Alameda CTC	I-880 Industrial Parkway Interchange West Improvements	Multiple	Local	2014 MBB	TEP-39	HWY	Planning / Scoping	825	825						825
00078	Alameda CTC	I-880 Industrial Parkway Interchange West Improvements	Multiple	Local	2014 MBB	TEP-39	HWY	PE/Env	4,750	4,750						4,750
00081	Alameda CTC	East Bay Greenway: Lake Merritt BART to South Hayward BART	Multiple	Local	2014 MBB	TEP-42	Bike/Ped	PE/Env	3,500	3,500						3,500
00081	Alameda CTC	East Bay Greenway: Lake Merritt BART to South Hayward BART	Multiple	Local	2014 MBB	TEP-42	Bike/Ped	Final Design (PS&E)	12,000				12,000			
00084	Alameda CTC	East-West Connector in Fremont & Union City	3-South	Local	1986 MB	MB226	LSR	CON	89,000	89,000						89,000
00117	Alameda CTC	I-680 Sunol SB Express Lane	Multiple	Local	2000 MB	08A	HWY	O&M	4,500	4,500						4,500

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2020 CIP Programming and Allocations										Prior Allocations	Two-Year Allocation Plan		Future Programming			
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00117	Alameda CTC	I-680 Sunol SB Express Lane	Multiple	Local	2000 MB	08A	HWY	CON	20,000	20,000						20,000
00118	Alameda CTC	I-680 Sunol Express Lanes	Multiple	Local	2000 MB	08B	HWY	Final Design (PS&E)	4,500	4,500						4,500
00118	Alameda CTC	I-680 Sunol Express Lanes	Multiple	Local	2014 MBB	TEP-35	HWY		CON	20,000	20,000					
00118	Alameda CTC	I-680 Sunol Express Lanes	Multiple	Local	2000 MB	08B	HWY	CON	100,000	100,000						100,000
00120	Alameda CTC	Alameda County Rail Strategy Study	Multiple	Local	2014 MBB	TEP-27	Freight	Planning / Scoping	250	250						250
00131	Alameda CTC	I-580 Freeway Corridor Management System (FCMS)	4-East	Local	2014 MBB	TEP-26	HWY	Planning / Scoping	17	17						17
00132	Alameda CTC	San Pablo Avenue (SR 123) Multi-Modal Corridor Project	1-North	Local	2014 MBB	TEP-26	LSR	Planning / Scoping	9,550	9,550						9,550
00136	Alameda CTC	I-880/23rd-29th Avenue Interchange Improvements	1-North	Local	2014 MBB	TEP-40	HWY	CON	8,000	8,000						8,000
00138	Alameda CTC	I-880/Winton Avenue and A Street Interchanges	2-Central	Local	2014 MBB	TEP-40	HWY	Planning / Scoping	1,808	1,808						1,808
00138	Alameda CTC	I-880/Winton Avenue and A Street Interchanges	2-Central	Local	2014 MBB	TEP-40	HWY	PE/Env	3,500	3,500						3,500
00139	Alameda CTC	South County Access (SR 262/Mission Blvd Cross Connector)	3-South	Local	2014 MBB	TEP-40	HWY	Planning / Scoping	1,500	1,500						1,500
00139	Alameda CTC	South County Access (SR 262/Mission Blvd Cross Connector)	3-South	Local	2014 MBB	TEP-40	HWY	PE/Env	7,500	7,500						7,500
00155	Alameda CTC	7th Street Grade Separation and Port Arterial Improvements Project	1-North	Local	2014 MBB	TEP-27	Freight	PE/Env	35,020	35,020						35,020
00155	Alameda CTC	7th Street Grade Separation and Port Arterial Improvements Project	1-North	Local	2014 MBB	TEP-27	Freight	Final Design (PS&E)	18,000	18,000						18,000
00156	Alameda CTC	Modal Plans Implementation: E. 14th and Mission Blvd Corridors	Multiple	Local	2014 MBB	TEP-26	Multiple	Various	1,950	1,950						1,950
00157	Alameda CTC	Modal Plans Implementation: Alameda Countywide Goods Movement Plan	Multiple	Local	2014 MBB	TEP-41	Freight	Various	300	300						300
00158	Alameda CTC	Modal Plans Implementation: Alameda Countywide Transit Plan Implementation	Multiple	Local	2010 VRF	Disc-Transit	Transit	Various	300	300						300
00159	Alameda CTC	Matching Program for Last Mile Connection Technology Programs	Multiple	Local	2014 MBB	TEP-46	Transit	Various	200	200						200
00161	Alameda CTC	Overall Planning/Monitoring Services	Multiple	Local	2014 MBB	TEP-46	Multiple	Various	100	100						100
00163	Alameda CTC	Countywide Bicycling, Transit and Carpool Promotion Programs	Multiple	Local	TFCA	Prog Mgr	Multiple	Various	210	210						210
00174	Alameda CTC	Alameda County Guaranteed Ride Home and Countywide TDM Information Services Program	Multiple	Local	TFCA	Prog Mgr	Transit	Various	270	270						270
00178	Alameda CTC	Sustainable Communities Technical Assistance Program (SCTAP)	Multiple	Local	2000 MB	Disc-TCDD	Bike/Ped	Planning / Scoping	200	200						200
00192	Alameda CTC	Transportation Demand Management (TDM) Program	Multiple	Local	TFCA	Prog Mgr.	Transit	O&M	1,089	420	331	338				1,089
00192	Alameda CTC	Transportation Demand Management (TDM) Program	Multiple	Local	2014 MBB	TEP-45	Transit	O&M	644	434	210					644

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2020 CIP Programming and Allocations										Prior Allocations	Two-Year Allocation Plan		Future Programming			
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00206	Alameda CTC	Comprehensive Multimodal Monitoring	Multiple	Local	2010 VRF	Disc-Transit	Transit	Planning / Scoping	1,250	1,250						1,250
00207	Alameda CTC	Corridor Studies Implementation	Multiple	Local	2010 VRF	Disc-Transit	Transit	Planning / Scoping								
00207	Alameda CTC	Corridor Studies Implementation	Multiple	Local	2014 MBB	TEP-26	LSR	Planning / Scoping								
00207	Alameda CTC	Corridor Studies Implementation	Multiple	Local	2010 VRF	Disc-Transit	Transit	PE/Env								
00208	Alameda CTC	Alameda County Safe Routes to School Program	Multiple	Local	2000 MB	Disc-BP	Bike/Ped	O&M	1,090	1,090						1,090
00208	Alameda CTC	Alameda County Safe Routes to School Program	Multiple	Local	2000 MB	Disc-BP	Bike/Ped	CON	1,500				500	500	500	
00208	Alameda CTC	Alameda County Safe Routes to School Program	Multiple	Local	CMA-TIP	Other	Bike/Ped	CON	200	200						200
00208	Alameda CTC	Alameda County Safe Routes to School Program	Multiple	Federal	STP/CMAQ	STP/CMAQ	Bike/Ped	O&M	8,372	8,372						8,372
00209	Alameda CTC	Goods Movement Emissions Reduction Program	Multiple	Local	2014 MBB	TEP-27	Freight	O&M	6,000	3,000			3,000			3,000
00210	Alameda CTC	I-680 Sunol Express Lanes: SR84 to Alcosta	4-East	Local	2014 MBB	TEP-35	HWY	PE/Env	7,500	7,500						7,500
00211	Alameda CTC	NextGen Technology Pilot Initiative	Multiple	Local	2014 MBB	TEP-46	Multi	Planning / Scoping	1,000	1,000						1,000
00278	Alameda CTC	I-580 Toll System Upgrade	4-East	Local	I-580 Toll Revenue	Toll Revenue	HWY	Planning / Scoping	405	405						405
00278	Alameda CTC	I-580 Toll System Upgrade	4-East	Local	I-580 Toll Revenue	Toll Revenue	HWY	CON	10,175	10,175						10,175
00279	Alameda CTC	I-880 Davis Street Interchange	2-Central	Local	2014 MBB	TEP-26	HWY	Final Design (PS&E)	151	151						151
00279	Alameda CTC	I-880 Davis Street Interchange	2-Central	Local	2014 MBB	TEP-26	HWY	CON	389	389						389
00280	Alameda CTC	Toll Revenue Forecasting	4-East	Local	I-580 Toll Revenue	Toll Revenue	HWY	Planning / Scoping	330	330						330
00287	Alameda CTC	Oakland Alameda Access Project	1-North	Local	2014 MBB	TEP-37	HWY	PE/Env	5,000		5,000					5,000
00288	Alameda CTC	Rail Safety Enhancement Program (SEP)	Multiple	Local	2014 MBB	TEP-41	Freight	Planning / Scoping	5,500		5,500					5,500
00289	Alameda CTC	Student Transit Pass Program	Multiple	Local	2014 MBB	TEP-07	Transit	O&M	23,500		2,800		6,700	6,700	7,300	2,800
00313	Alameda CTC	Countywide Model Update	Multiple	Local	2010 VRF	Disc-Transit	Transit	Planning / Scoping	800		800					800
00176	Alameda CTC	Countywide SR2S Program (FY 16/17 and FY 17/18)	Multiple	Local	TFCA	Prog Mgr	Multiple	O&M	100	100						100
00164	Albany	Marin Ave Class 2 Bike Lane Gap Closure	1-North	Local	TFCA	Prog Mgr	Bike/Ped	Various	95	95						95
00213	Albany	Buchanan Bikeway Phase III	1-North	Local	2000 MB	Disc-BP	Bike/Ped	CON	600	600						600
00214	Albany	San Pablo Avenue and Buchanan Street Pedestrian Improvements	1-North	Federal	STP/CMAQ	LSR	Bike/Ped	CON	340		340					340

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CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00021	ASEB	Special Transportation Services for Individuals with Dementia	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	400	400						400
00299	ASEB	Regrowth of Transportation Services for Individuals with Dementia	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	797		150	155	159	164	169	305
00005	BART	A Quicker, Safer Trip to the Library to Promote Literacy (Oakland Public Library)	Multiple	Federal	Lifeline	STA	Transit	O&M	250	250						250
00058	BART	Irvington BART Station	3-South	Local	2014 MBB	TEP-17	Transit	Planning / Scoping	2,760	2,760						2,760
00058	BART	Irvington BART Station	3-South	Local	2014 MBB	TEP-17	Transit	Final Design (PS&E)	16,450	16,450						16,450
00059	BART	Bay Fair Connector/BART Metro	2-Central	Local	2014 MBB	TEP-18	Transit	Planning / Scoping	100	100						100
00172	BART	BART West Oakland Bike Locker Plaza	1-North	Local	TFCA	Prog Mgr	Transit	Various	55	55						55
00215	BART	BART to Livermore	4-East	State	TCRP	TCRP	Transit	PE/Env	1,700	1,700						1,700
00215	BART	BART to Livermore	4-East	Local	2000 MB	26	Transit	PE/Env	1,400	1,400						1,400
00216	BART	Bay Fair Connection	2-Central	Local	2014 MBB	TEP-18	Transit	Planning / Scoping	500	500						500
00216	BART	Bay Fair Connection	2-Central	Local	2014 MBB	TEP-18	Transit	PE/Env	5,000	5,000						5,000
00304	BART	Dublin/Pleasanton Active Access Improvements (Iron Horse Trail)	4-East	Local	2014 MBB	TEP-42	Bike/Ped	CON	2,350			2,350				2,350
00318	BART	West Oakland BART Station Bike Locker Expansion	1-North	Local	TFCA	Prog Mgr	Transit	CON	100		100					100
00089	Berkeley	Shattuck Complete Streets and De-couplet	1-North	Federal	OBAG	STP	Bike/Ped	CON	2,777	2,777						2,777
00097	Berkeley	Hearst Avenue Complete Streets	1-North	Federal	OBAG	STP	Bike/Ped	CON	2,256	2,256						2,256
00165	Berkeley	Berkeley Citywide Bicycle Parking Program	1-North	Local	TFCA	Prog Mgr	Bike/Ped	Various	137	137						137
00177	Berkeley	Hearst Ave Complete Streets	1-North	Local	TFCA	Prog Mgr	Bike/Ped	CON	88	88						88
00184	Berkeley	Berkeley Citywide Bike Parking Program	1-North	Local	TFCA	Prog Mgr	Bike/Ped	CON	180	180						180
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	1-North	Local	2010 VRF	Disc-BP	Bike/Ped	PE/Env	29	29						29
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	1-North	Local	2010 VRF	Disc-BP	Bike/Ped	Planning / Scoping	49	49						49
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	1-North	Local	2010 VRF	Disc-BP	Bike/Ped	Final Design (PS&E)	59	59						59
00218	Berkeley	9th Street Bicycle Boulevard Pathway Extension Phase II	1-North	Local	2010 VRF	Disc-BP	Bike/Ped	CON	613	613						613
00220	Berkeley	Milvia Bikeway Project	1-North	Local	2000 MB	Disc-BP	Bike/Ped	PE/Env	350	350						350
00222	Berkeley	Railroad Crossing Safety Improvement Project	1-North	Local	2014 MBB	TEP-27	Freight	PE/Env	500	500						500

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2020 CIP Programming and Allocations										Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24		
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount								
00222	Berkeley	Railroad Crossing Safety Improvement Project	1-North	Local	2014 MBB	TEP-27	Freight	Final Design (PS&E)	1,020		1,020					1,020	
00223	Berkeley	Southside Complete Streets & Transit Improvements (Telegraph, Bancroft, Dana, Fulton)	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	PE/Env	387	387						387	
00223	Berkeley	Southside Complete Streets & Transit Improvements (Telegraph, Bancroft, Dana, Fulton)	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	Final Design (PS&E)	613	613						613	
00223	Berkeley	Southside Complete Streets & Transit Improvements (Telegraph, Bancroft, Dana, Fulton)	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	CON	7,335	6,121	1,214					7,335	
00022	BORP	Accessible Group Trip Transportation for Youth and Adults with Disabilities	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	568	568						568	
00269	BORP	Accessible Group Trip Transportation for Youth and Adults with Disabilities (FY 17/18 and FY 18/19)	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	318	318						318	
00301	BORP	Accessible Group Trip Transportation for Youth and Adults with Disabilities	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	1,004		180	209	192	198	225	389	
00023	CIL	Mobility Matters Project	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	679	679						679	
00270	CIL	Community Connections: A Mobility Management Partnership (CoCo) (FY 17/18 and FY 18/19)	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	500	500						500	
00293	CIL	Community Connections Program (CoCo)	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	940		188	188	188	188	188	376	
00291	CRIL	Travel Training: Oh The Places You Will Go!	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	486		162	162	162			324	
00173	CSU East Bay	CSUEB Campus Shuttle II, FYs 15/16 (non-peak) & 16/17 (all hrs)	2-Central	Local	TFCA	Prog Mgr	Transit	Various	123	123						123	
00182	CSU East Bay	CSUEB/Hayward BART - 2nd Shuttle Operations (FY 17/18 - 18/19)	2-Central	Local	TFCA	Prog Mgr	Transit	O&M	128	128						128	
00320	CSU East Bay	CSUEB/Hayward BART - 2nd Shuttle Operations	2-Central	Local	TFCA	Prog Mgr	Transit	O&M	215	215						215	
00274	Drivers for Survivors	Drivers for Survivors Volunteer Driver Program (FY 17/18 and FY 18/19)	3-South	Local	2014 MBB	TEP-12	Paratransit	O&M	220	220						220	
00295	Drivers for Survivors	Drivers for Survivors Volunteer Driver Program	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	970		194	194	194	194	194	388	
00052	Dublin	Iron Horse Transit Route - Dougherty Road	4-East	Local	2000 MB	09	Multiple	CON	6,267	6,267						6,267	
00090	Dublin	Dublin Boulevard Preservation	4-East	Federal	OBAG	STP	LSR	CON	470	470						470	
00123	Dublin	Dougherty Rd Widening (from 4 to 6 Lns) (Dublin - CCC line)	4-East	Local	2014 MBB	TEP-26	LSR	CON	11,200	11,200						11,200	
00124	Dublin	Dublin Blvd. Widening, WB from 2 to 3 Lns (Sierra Ct-Dougherty Rd)	4-East	Local	2014 MBB	TEP-26	LSR	CON	3,000	3,000						3,000	
00166	Dublin	San Ramon Road Arterial Mgmt	4-East	Local	TFCA	Prog Mgr	LSR	Various	146	146						146	
00224	Dublin	City of Dublin Street Rehab	4-East	Federal	STP/CMAQ	LSR	LSR	CON	661		661					661	
00225	Dublin	Dublin Boulevard - North Canyons Parkway Extension	4-East	Local	2014 MBB	TEP-26	LSR	PE/Env	2,374	2,374						2,374	
00225	Dublin	Dublin Boulevard - North Canyons Parkway Extension	4-East	Local	2014 MBB	TEP-26	LSR	Final Design (PS&E)	5,374	5,374						5,374	

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CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)	
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	4-East	Local	2014 MBB	TEP-42	Bike/Ped	PE/Env	166	166						166	
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	4-East	Local	2014 MBB	TEP-42	Bike/Ped	Final Design (PS&E)	1,128	1,128						1,128	
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	4-East	Local	2014 MBB	TEP-42	Bike/Ped		CON	4,751		4,751					4,751
00226	Dublin	Iron Horse Trail Crossing at Dublin Boulevard	4-East	Local	TFCA	Prog Mgr	Bike/Ped		CON	856		856					856
00315	Dublin	Tassajara Road Arterial Management Project	4-East	Local	TFCA	Prog Mgr	Transit		CON	146		146					146
00227	EBRPD	San Francisco Bay Trail - Albany Beach to Buchanan	1-North	Local	2014 MBB	TEP-42	Bike/Ped	CON	642	642						642	
00228	EBRPD	San Francisco Bay Trail - Doolittle Drive	1-North	Local	2014 MBB	TEP-42	Bike/Ped	CON	2,833	2,833						2,833	
00273	Eden I&R	Mobility Management Through 211 Alameda County (FY 17/18 and FY 18/19)	3-South	Local	2000 MB	Disc-PT	Paratransit	O&M	296	296						296	
00292	Eden I&R	Mobility Management Through 211 Alameda County	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	747		136	136	153	157	165	272	
00302	EDI	Fast Accessible Safe Transportation Emergency Repair (FASTER)	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	952		217	163	225	171	176	380	
00024	Emeryville	8-To-Go Demand Response Door to Door Shuttle	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	174	174						174	
00141	Emeryville	South Bayfront Bridge	1-North	Local	2000 MB	Disc-BP	Bike/Ped	CON	1,895	1,895						1,895	
00141	Emeryville	South Bayfront Bridge	1-North	Local	TFCA	Prog Mgr	Bike/Ped	CON	105	105						105	
00185	Emeryville	Bay Area Bike Share (BABS) Expansion to Emeryville	1-North	Local	TFCA	Prog Mgr	Bike/Ped	CON	180	180						180	
00230	Emeryville	Emery Go Round General Benefit Operations	1-North	Local	2014 MBB	TEP-45	Transit	O&M	2,500	1,000	500	500	500			2,000	
00231	Emeryville	Frontage Road, 65th Street and Powell Street Slurry Seal	1-North	Federal	STP/CMAQ	LSR	LSR	CON	225			225				225	
00232	Emeryville	North Hollis Parking and Transportation Demand Management (TDM) Program	1-North	Local	2000 MB	Disc-TCD	Transit	CON	930	930						930	
00271	Emeryville	Tri-City Mobility Management and Travel Training Program (FY 17/18 and FY 18/19)	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	70	70						70	
00284	Emeryville	Quiet Zone safe Engineering Measures on 65th, 66th and 67th Streets (TCEP Match)	1-North	Local	2014 MBB	TEP-41	Freight	CON	1,800	1,800						1,800	
00300	Emeryville	Emeryville Senior Center Group Trips Bus Purchase	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	132		132					132	
00025	Fremont	Tri-City Mobility Management and Travel Training Program	3-South	Local	2000 MB	Disc-PT	Paratransit	O&M	450	450						450	
00026	Fremont	Tri-City Volunteer Driver Programs	3-South	Local	2000 MB	Disc-PT	Paratransit	O&M	550	550						550	
00027	Fremont	Tri-City Taxi Voucher Program	3-South	Local	2000 MB	Disc-PT	Paratransit	O&M	450	450						450	
00091	Fremont	Fremont City Center Multi-Modal Improvements	3-South	Federal	OBAG	STP	Multiple	CON	1,288	1,288						1,288	

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CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00140	Fremont	Warm Springs BART Station - West Side Access	3-South	Local	2014 MBB	TEP-45	Transit	CON	25,000	25,000						25,000
00140	Fremont	Warm Springs BART Station - West Side Access	3-South	Local	2014 MBB	TEP-21	Transit	CON	5,000	5,000						5,000
00143	Fremont	Scoping: Route 84 Relinquishment and Centerville Streetscape on Fremont Blvd.	3-South	Local	2014 MBB	TEP-26	Multiple	Planning / Scoping	41	41						41
00152	Fremont	Scoping: Union Pacific Railroad Trail Corridor (South Portion of East Bay Greenway)	3-South	Local	2014 MBB	TEP-42	Multiple	Planning / Scoping	42	42						42
00153	Fremont	Scoping: Fremont BART Station West Side Enhancement	3-South	Local	2014 MBB	TEP-45	Transit	Planning / Scoping	42	42						42
00154	Fremont	Scoping: I-880 Bike and Ped Bridge and Trail Connector to Warm Springs BART Station to Bay Trail	3-South	Local	2014 MBB	TEP-45	Bike/Ped	Planning / Scoping	42	42						42
00179	Fremont	South Fremont Arterial Management (FY 17/18 - 18/19)	3-South	Local	TFCA	Prog Mgr	LSR	CON	425	425						425
00186	Fremont	Fremont Signal Timing Optimization: Paseo Padre Pkwy, Fremont Blvd, Decoto Rd, and Auto Mall Pkwy	3-South	Local	TFCA	Prog Mgr	LSR	CON	646	646						646
00233	Fremont	City of Fremont Pavement Rehabilitation Project	3-South	Federal	STP/CMAQ	LSR	LSR	CON	2,760		2,760					2,760
00234	Fremont	Complete Streets Upgrade of Relinquished SR 84 in Centerville PDA	3-South	Federal	STP/CMAQ	STP/CMAQ	LSR	PE/Env	386	386						386
00234	Fremont	Complete Streets Upgrade of Relinquished SR 84 in Centerville PDA	3-South	Federal	STP/CMAQ	STP/CMAQ	LSR	Final Design (PS&E)	799	799						799
00234	Fremont	Complete Streets Upgrade of Relinquished SR 84 in Centerville PDA	3-South	Federal	STP/CMAQ	STP/CMAQ	LSR	CON	6,510		6,510					6,510
00235	Fremont	East Bay Greenway Trail Reach 6 (Innovation District to Bay Trail)	3-South	Local	2014 MBB	TEP-42	Bike/Ped	PE/Env	1,901	1,901						1,901
00235	Fremont	East Bay Greenway Trail Reach 6 (Innovation District to Bay Trail)	3-South	Local	2014 MBB	TEP-42	Bike/Ped	Final Design (PS&E)	3,553	3,553						3,553
00236	Fremont	Safe and Smart Corridor Along Fremont Boulevard	3-South	Local	2014 MBB	TEP-26	LSR	PE/Env	443	443						443
00236	Fremont	Safe and Smart Corridor Along Fremont Boulevard	3-South	Local	2014 MBB	TEP-26	LSR	Final Design (PS&E)	1,328	1,328						1,328
00236	Fremont	Safe and Smart Corridor Along Fremont Boulevard	3-South	Local	2014 MBB	TEP-26	LSR	CON	7,525		7,525					7,525
00238	Fremont	Walnut Avenue Protected Bikeway in City Center/Downtown PDA	3-South	Local	2014 MBB	TEP-45	Bike/Ped	CON	5,000	5,000						5,000
00272	Fremont	Tri-City Mobility Management and Travel Training Program (FY 17/18 and FY 18/19)	3-South	Local	2000 MB	Disc-PT	Paratransit	O&M	298	298						298
00290	Fremont	Ride-On Tri-City! Mobility Management and Travel Training Program	4-South	Local	2000 MB	Disc-PT	Paratransit	O&M	731		134	145	149	151	152	279
00305	Fremont	I-680 Interchange Modernization at Mission Blvd / SR 238	3-South	Local	2014 MBB	TEP-21	HWY	Planning / Scoping	1,000		1,000					1,000
00306	Fremont	I-880/Decoto Interchange Modernization	3-South	Local	2014 MBB	TEP-21	HWY	Planning / Scoping	1,000		1,000					1,000
00309	Fremont	I-880 Bridge at Pacific Commons Trail	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	2,100		2,100					2,100
00310	Fremont	Niles Canyon Trail Phase I	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	1,000		1,000					1,000

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00311	Fremont	Sabercat Trail Connection to Irvington BART Station Area	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	2,000		2,000					2,000
00322	Fremont	Former State Route 84 Pavement Rehabilitation	3-South	Local	2014 MBB	TEP-21	LSR	CON	2,000		2,000					2,000
00308	Fremont/Ala. County	Niles/Nursery Avenue Railroad Crossing Safety and Quiet Zone	3-South	Local	2014 MBB	TEP-21	Freight	CON	977		977					977
00307	Fremont/Union City	Decoto Boulevard Complete Streets w/Transit Priority Project	3-South	Local	1986 MB	MB226	LSR	Final Design (PS&E)	3,500		3,500					3,500
00312	Fremont/Union City	Dumbarton to Quarry Lakes Trail	3-South	Local	2014 MBB	TEP-21	Bike/Ped	PE/Env	2,000		2,000					2,000
00092	Hayward	Hayward - Industrial Boulevard Preservation	2-Central	Federal	OBAG	STP	LSR	CON	1,265	1,265						1,265
00126	Hayward	Mission Blvd. Phases 2 & 3 (Complete Streets)	2-Central	Local	2014 MBB	TEP-26	LSR	CON	21,500	21,500						21,500
00241	Hayward	Main Street Complete Street Project	2-Central	Federal	STP/CMAQ	STP/CMAQ	LSR	Final Design (PS&E)	175	175						175
00241	Hayward	Main Street Complete Street Project	2-Central	Federal	STP/CMAQ	STP/CMAQ	LSR	CON	1,500	1,500						1,500
00242	Hayward	SR-92 Clawiter-Whitesell Interchange	2-Central	Local	2014 MBB	TEP-26	HWY	Planning / Scoping	440	440						440
00243	Hayward	Winton Avenue - Complete Street Project	2-Central	Federal	STP/CMAQ	LSR	LSR	Final Design (PS&E)	88	88						88
00243	Hayward	Winton Avenue - Complete Street Project	2-Central	Federal	STP/CMAQ	LSR	LSR	CON	1,662	1,662						1,662
00283	LARPD/TVC	Valley Trails Connection Project	4-East	Local	CMA-TIP	Other	Bike/Ped	Various	110	110						110
00008	LAVTA	WHEELS Route 14 Operating Assistance	4-East	Federal	Lifeline	STA	Transit	O&M	388	388						388
00008	LAVTA	WHEELS Route 14 Operating Assistance	4-East	Federal	Lifeline	JARC	Transit	O&M	129	129						129
00160	LAVTA	Pilot Transit Program for Last Mile Connections	4-East	Local	2000 MB	Disc-Transit	Transit	Various	100	100						100
00175	LAVTA	LAVTA Rte 30 BRT Operations, FYs 15/16 and 16/17	4-East	Local	TFCA	Prog Mgr	Transit	Various	275	275						275
00183	LAVTA	LAVTA Rte 30R Operations (FY 17/18 - 18/19)	4-East	Local	TFCA	Prog Mgr	Transit	O&M	318	318						318
00244	LAVTA	Pleasanton BRT Corridor Enhancement Project (Route 10R)	4-East	Local	2000 MB	Disc-Transit	Transit	Final Design (PS&E)	152	152						152
00244	LAVTA	Pleasanton BRT Corridor Enhancement Project (Route 10R)	4-East	Local	2000 MB	Disc-Transit	Transit	CON	1,262	1,262						1,262
00245	LAVTA	Wheels Forward/2020 Plan	4-East	Local	2000 MB	Disc-Transit	Transit	Planning / Scoping	220		220					220
00297	LAVTA	Para-Taxi Debit Card	4-East	Local	2000 MB	Disc-PT	Paratransit	O&M	87		23	16	16	16	16	39
00298	LAVTA	Para-Taxi Operations	4-East	Local	2000 MB	Disc-PT	Paratransit	O&M	140		24	25	28	30	33	49
00321	LAVTA	LAVTA Rte 30 BRT Operations, FYs 15/16 and 16/17	4-East	Local	TFCA	Prog Mgr	Transit	Various	477	477						477

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CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase	Programme d Amount	Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Total Allocated (Thru FY20-21)
00276	LAVTA	Para-Taxi Program (FY 17/18 and FY 18/19)	4-East	Local	2014 MBB	TEP-12	Paratransit	O&M	40	40						40
00275	LIFE ElderCare	VIP Rides Program (FY 17/18 and FY 18/19)	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	275	275						275
00296	LIFE ElderCare	Door Through Door (DthruD) and TNC Transportation for Seniors and Disabled Adults	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	1,023		150	189	200	234	250	339
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	4-East	Local	2014 MBB	TEP-42	Bike/Ped	PE/Env	20	20						20
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	4-East	Local	2014 MBB	TEP-42	Bike/Ped	Planning / Scoping	30	30						30
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	4-East	Local	2014 MBB	TEP-42	Bike/Ped	Final Design (PS&E)	160	160						160
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	4-East	Local	TFCA	Prog Mgr.	Bike/Ped	CON	193	193						193
00189	Livermore	Iron Horse Trail Gap Closure (Isabel Avenue to Murrietta)	4-East	Local	2014 MBB	TEP-42	Bike/Ped	CON	1,407	1,407						1,407
00246	Livermore	Livermore Annual Pavement Maintenance - MTS Routes	4-East	Federal	STP/CMAQ	LSR	LSR	CON	1,382		1,382					1,382
00247	Livermore	Vasco Road/I-580 Interchange Improvements	4-East	Local	2014 MBB	TEP-34	HWY	PE/Env	1,380	1,380						1,380
00102	MTC	Regional Planning Activities and PPM - Alameda	Multiple	Federal	OBAG	STP	Multiple	PE/Env	1,034	1,034						1,034
00099	Newark	Enterprise Drive Complete Streets and Road Diet	3-South	Federal	OBAG	STP	Bike/Ped	CON	454	454						454
00116	Newark	Central Avenue Overpass	3-South	Local	2000 MB	025	LSR	Final Design (PS&E)	2,765	2,765						2,765
00116	Newark	Central Avenue Overpass	3-South	Local	2000 MB	025	LSR	CON	11,134	11,134						11,134
00116	Newark	Central Avenue Overpass	3-South	Local	2000 MB	025	LSR	ROW-CAP	2,155	2,155						2,155
00248	Newark	Thornton Avenue Pavement Rehabilitation (I-880 to Olive Street)	3-South	Federal	STP/CMAQ	LSR	LSR	CON	592	592						592
00028	Oakland	Taxi-Up & Go Project	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	362	362						362
00064	Oakland	Oakland Broadway Corridor Transit	1-North	Local	2014 MBB	TEP-24	Transit	Planning / Scoping	50	50						50
00093	Oakland	Lake Merritt BART Bikeways	1-North	Federal	OBAG	STP	Bike/Ped	CON	571	571						571
00094	Oakland	Oakland Complete Streets	1-North	Federal	OBAG	STP	LSR	CON	3,384	3,384						3,384
00095	Oakland	Lakeside Complete Streets and Road Diet	1-North	Federal	OBAG	STP	Bike/Ped	CON	4,446	4,446						4,446
00095	Oakland	Lakeside Complete Streets and Road Diet	1-North	Federal	OBAG	CMAQ	Bike/Ped	CON	2,554	2,554						2,554
00100	Oakland	Oakland - Peralta and MLK Blvd Streetscape Phase I	1-North	Federal	OBAG	CMAQ	Bike/Ped	CON	5,452	5,452						5,452
00103	Oakland	7th Street West Oakland Transit Village, Phase II	1-North	Federal	OBAG	CMAQ	Bike/Ped	CON	3,288	3,288						3,288

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00121	Oakland	Oakland Army Base Roadway Infrastructure Improvements	1-North	Local	2014 MBB	TEP-26	Freight	CON	41,000	41,000						41,000
00122	Oakland	Oakland Army Base Infrastructure Improvements - Truck Parking	1-North	Local	2014 MBB	TEP-26	Freight	CON	5,000	5,000						5,000
00125	Oakland	14th Ave Streetscape (3 phases) from E. 8th to Highland Hospital	1-North	Local	2014 MBB	TEP-26	LSR	Final Design (PS&E)	1,300	1,300						1,300
00125	Oakland	14th Ave Streetscape (3 phases) from E. 8th to Highland Hospital	1-North	Local	2014 MBB	TEP-26	LSR	CON	5,300	5,300						5,300
00137	Oakland	I-880/42nd-High Street Access Improvements	1-North	Local	2014 MBB	TEP-40	HWY	CON	10,000	10,000						10,000
00167	Oakland	Broadway "B" Shuttle - Non-Peak (10am-3pm) Operations, FY 15/16	1-North	Local	TFCA	Prog Mgr	Transit	Various	210	210						210
00168	Oakland	CityRacks, Phase 12	1-North	Local	TFCA	Prog Mgr	Bike/Ped	Various	124	124						124
00180	Oakland	Broadway Shuttle Operations	1-North	Local	2014 MBB	TEP-45	Transit	O&M	1,650	660	330	330	330			1,320
00180	Oakland	Broadway Shuttle Operations	1-North	Local	TFCA	Prog Mgr	Transit	O&M	603	338	265					603
00180	Oakland	Broadway Shuttle Operations (FY 16/17 - 17/18)	1-North	Local	TFCA	Prog Mgr	Transit	O&M	367	367						367
00187	Oakland	Oakland Citywide Bike Parking Program, Phase 13	1-North	Local	TFCA	Prog Mgr	Bike/Ped	CON	100	100						100
00249	Oakland	27th Street Complete Streets	1-North	Local	2014 MBB	TEP-45	LSR	PE/Env	776	776						776
00249	Oakland	27th Street Complete Streets	1-North	Local	2014 MBB	TEP-45	LSR	Final Design (PS&E)	1,174	1,174						1,174
00251	Oakland	E 12th Street Bikeway	1-North	Local	2000 MB	Disc-BP	Bike/Ped	Final Design (PS&E)	250	250						250
00251	Oakland	E 12th Street Bikeway	1-North	Local	2000 MB	Disc-BP	Bike/Ped	CON	1,250	1,250						1,250
00251	Oakland	E 12th Street Bikeway	1-North	Local	TFCA	Prog Mgr	Bike/Ped	CON	140	140						140
00252	Oakland	East Oakland Community Streets Plan	1-North	Local	2014 MBB	TEP-45	LSR	Planning / Scoping	100	100						100
00253	Oakland	Fruitvale Ave Gap Closure	1-North	Local	2014 MBB	TEP-44	Bike/Ped	CON	1,634			1,634				1,634
00254	Oakland	Lakeside Family Streets	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	PE/Env	80	80						80
00254	Oakland	Lakeside Family Streets	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	Final Design (PS&E)	320	320						320
00254	Oakland	Lakeside Family Streets	1-North	Federal	STP/CMAQ	STP/CMAQ	LSR	CON	4,392		4,392					4,392
00255	Oakland	Laurel Access to Mills, Maxwell Park and Seminary (LAMMPS) Streetscape	1-North	Local	2010 VRF	Disc-BP	Bike/Ped	CON	2,500	2,500						2,500
00256	Oakland	MacArthur Smart City Corridor Project, Phase I	1-North	Local	2014 MBB	TEP-46	LSR	Final Design (PS&E)	1,500	1,500						1,500
00256	Oakland	MacArthur Smart City Corridor Project, Phase I	1-North	Local	2014 MBB	TEP-46	LSR	CON	9,500			9,500				9,500

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00257	Oakland	Coliseum Transit Hub	1-North	Local	2010 VRF	Disc-Transit	Transit	Planning / Scoping	968	968						968
00257	Oakland	Coliseum Transit Hub	1-North	Local	2010 VRF	Disc-Transit	Transit	Final Design (PS&E)	3,878	3,878						3,878
00258	Oakland	Oakland LSR Paving Program	1-North	Federal	STP/CMAQ	LSR	LSR	PE/Env	734	734						734
00258	Oakland	Oakland LSR Paving Program	1-North	Federal	STP/CMAQ	LSR	LSR	CON	4,161	4,161						4,161
00259	Oakland	Oakland LSR Paving Program	1-North	Local	2014 MBB	TEP-45	Transit	O&M	215	215						215
00101	Piedmont	Piedmont Complete Streets (CS)	1-North	Federal	OBAG	STP	Bike/Ped	CON	129	129						129
00260	Piedmont	Oakland Avenue Improvements	1-North	Federal	STP/CMAQ	LSR	LSR	CON	168	168						168
00285	Piedmont	Piedmont LSR Exchange Projects	1-North	Local	CMA-TIP	Other	LSR	CON	(208)	(208)						(208)
00286	Piedmont	Oakland Avenue Pedestrian Bridge Railing Project	1-North	Local	CMA-TIP	Other	LSR	CON	208	208						208
00029	Pleasanton	Downtown Route Shuttle (DTR)	4-East	Local	2000 MB	Disc-PT	Paratransit	O&M	173	173						173
00104	Pleasanton	Pleasanton Complete Streets	4-East	Federal	OBAG	STP	Bike/Ped	CON	832	832						832
00169	Pleasanton	Pleasanton Trip Reduction Program, FYs 15/16 & 16/17	4-East	Local	TFCA	Prog Mgr	Transit	Various	53	53						53
00181	Pleasanton	Bernal Ave Park and Ride Lot	4-East	Local	2010 VRF	Disc-Transit	Transit	Final Design (PS&E)								
00181	Pleasanton	Bernal Ave Park and Ride Lot	4-East	Local	TFCA	Prog Mgr	Transit	CON								
00181	Pleasanton	Bernal Ave Park and Ride Lot	4-East	Local	2010 VRF	Disc-Transit	Transit	CON								
00188	Pleasanton	Pleasanton Trip Reduction Program (FY 17/18 - 18/19)	4-East	Local	TFCA	Prog Mgr	Bike/Ped	O&M	130	130						130
00262	Pleasanton	Pavement Rehabilitation Hacienda Business Park	4-East	Federal	STP/CMAQ	LSR	LSR	CON	1,095		1,095					1,095
00263	Pleasanton	Stoneridge at I-680 Interchange improvements	4-East	Local	2014 MBB	TEP-26	HWY	CON	5,200			5,200				5,200
00316	Pleasanton	Citywide Trip Reduction Program	4-East	Local	TFCA	Prog Mgr	Transit	O&M	80		80					80
00144	Port of Oakland	Scoping: Airport Drive Overlay	1-North	Local	2014 MBB	TEP-26	Multiple	Planning / Scoping	42	42						42
00145	Port of Oakland	Scoping: Port Terminal Seismic Monitoring Program	1-North	Local	2014 MBB	TEP-26	Freight	Planning / Scoping	7	7						7
00146	Port of Oakland	Scoping: Port Area ITS Deployment	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	22	22						22
00147	Port of Oakland	Scoping: Middle Harbor Road Improvements	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	22	22						22
00148	Port of Oakland	Scoping: Port Terminal Lighting Upgrade	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	6	6						6

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00149	Port of Oakland	Scoping: Outer Harbor Intermodal Terminal (OHIT) Phase 2	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	50	50						50
00150	Port of Oakland	Scoping: Airport Perimeter Dike	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	30	30						30
00151	Port of Oakland	Scoping: 7th Street Grade Separation East	1-North	Local	2014 MBB	TEP-27	Multiple	Planning / Scoping	6	6						6
00268	Port of Oakland	Adeline Street Bridge Reconstruction	1-North	Local	2014 MBB	TEP-41	Freight	Planning / Scoping								
00067	San Leandro	San Leandro Streets Rehabilitation	2-Central	Local	2014 MBB	TEP-26	LSR	CON	30,000	16,000	7,000	7,000				30,000
00096	San Leandro	San Leandro Boulevard Preservation	1-North	Federal	OBAG	STP	LSR	CON	804	804						804
00170	San Leandro	San Leandro LINKS shuttle, FYs 15/16 and 16/17	2-Central	Local	TFCA	Prog Mgr	Transit	Various	50	50						50
00190	San Leandro	LINKS Shuttle (FY 17/18 - 18/19)	2-Central	Local	TFCA	Prog Mgr	Transit	O&M	130	130						130
00190	San Leandro	LINKS Shuttle Operations	2-Central	Local	2014 MBB	TEP-45	Transit	O&M	1,020	420	200	200	200			820
00264	San Leandro	E.14th St/Hesperian Blvd/150th Ave Intersection Improvements	2-Central	Local	2014 MBB	TEP-26	LSR	CON	1,821				1,821			
00265	San Leandro	Washington Avenue Rehabilitation	2-Central	Federal	STP/CMAQ	LSR	LSR	PE/Env	73	73						73
00265	San Leandro	Washington Avenue Rehabilitation	2-Central	Federal	STP/CMAQ	LSR	LSR	CON	975		975					975
00030	SHS	Rides for Seniors	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	278	278						278
00051	SJRRC	ACE Capital	Multiple	Local	2000 MB	01	Transit	Various	13,184	13,184						13,184
00031	SSPTV	Volunteer Assisted Senior Transportation Program	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	331	331						331
00277	SSPTV	Volunteer Assisted Senior Transportation Program (FY 17/18 and FY 18/19)	Multiple	Local	2014 MBB	TEP-12	Paratransit	O&M	212	212						212
00297	SSPTV	Volunteers Assisting Seniors with Transportation (VAST)	4-East	Local	2000 MB	Disc-PT	Paratransit	O&M	560		106	109	112	115	118	215
00010	Union City	Operations Support for Route 2	3-South	Federal	Lifeline	STA	Transit	O&M	220	220						220
00062	Union City	Union City Intermodal Station	3-South	Local	2014 MBB	TEP-22	Transit	Planning / Scoping	51	51						51
00191	Union City	Union City Boulevard Bike Lanes Phase 2	3-South	Local	2014 MBB	TEP-44	Bike/Ped	PE/Env	5	5						5
00191	Union City	Union City Boulevard Bike Lanes Phase 2	3-South	Local	2014 MBB	TEP-44	Bike/Ped	Final Design (PS&E)	780	780						780
00191	Union City	Union City Boulevard Bike Lanes Phase 2	3-South	Local	2014 MBB	TEP-44	Bike/Ped	CON	5,779	5,779						5,779
00191	Union City	Union City Boulevard Bike Lanes Phase 2	3-South	Local	CMA-TIP	Other	Bike/Ped	CON	1,100	1,100						1,100
00191	Union City	Union City Boulevard Bike Lanes Phase 2	3-South	Local	TFCA	Prog Mgr.	Bike/Ped	CON	136	136						136

Alameda CTC Comprehensive Investment Plan									Programming and Allocations (\$ x 1,000)							
Technical Detail: Five-Year Programming Horizon with Two-Year Allocation Plan									Programme d Amount	Prior Allocations	Two-Year Allocation Plan		Future Programming			Total Allocated (Thru FY20-21)
CIP ID	Sponsor	Project Title	PA	Funding Type	Fund Source	Fund Subset	Mode	Phase		Prior Thru FY2018-19 (July 2018)	FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	
00266	Union City	Dyer Road Pavement Rehabilitation	3-South	Federal	STP/CMAQ	LSR	LSR	CON	872	872						872
00267	Union City	Bicycle and Pedestrian Master Plan Update	3-South	Local	2000 MB	Disc-BP	Bike/Ped	Planning / Scoping	150	150						150
00317	Union City	Union City IDEA Grant Traffic Signal Control Improvement	4-East	Local	TFCA	Prog Mgr	Transit	CON	221		221					221
00294	USAOC	Senior Public Transportation Training and Education Program	Multiple	Local	2000 MB	Disc-PT	Paratransit	O&M	419		34	62	103	108	112	96
00281	Various	State Transportation Improvement Program	Multiple	State	STIP	RIP	HWY	Various	48,813	48,813						48,813
00282	Various	Lifeline Cycle 5 Program	Multiple	State	Lifeline	Various	Transit	Various	4,789	4,789						4,789
									1,125,190	910,619	111,561	43,345	40,958	8,926	9,598	1,065,525

Total 2-year Allocations	\$ 154,906
Total 5-year Programming	\$ 214,388

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Memorandum

5.2

1111 Broadway, Suite 800, Oakland, CA 94607

• 510.208.7400

• www.AlamedaCTC.org

DATE: June 3, 2019

TO: Alameda County Transportation Commission

FROM: Vivek Bhat, Director of Programming and Project Controls
John Nguyen, Senior Transportation Planner

SUBJECT: FY 2017-18 Measure B, Measure BB and Vehicle Registration Fee Program Compliance Summary Reports

Recommendation

This item is to provide the Commission with an update on the Measure B, Measure BB, and Vehicle Registration Fee (VRF) Program Compliance for the Fiscal Year 2017-18 (FY17-18) reporting period.

Summary

Each year, Alameda CTC requires recipients of Measure B, Measure BB, and VRF Direct Local Distribution (DLD) funds to submit audited financial statements and program compliance reports to document the receipt and use of DLD funds. Alameda CTC, in conjunction with the Independent Watchdog Committee, reviews these reports to verify DLD funds are expended in compliance with the voter approved transportation expenditure plans and Alameda CTC's expenditure requirements. Alameda CTC prepares Program Compliance Summary Reports which includes a review of the fiscal year's DLD investments, fund balances, and a compliance determination.

Upon review of DLD recipients' financial statements and program compliance reports, Alameda CTC finds nineteen of the twenty DLD recipients in compliance with the DLD financial reporting and program compliance requirements for the FY17-18 reporting period.

With the exception of the City of Albany, all DLD recipients are deemed compliant with financial and program compliance requirements. Per the funding agreement with all DLD recipients, Alameda CTC may withhold payment of further Measure B/BB/VRF DLD funds from recipient until full compliance is achieved. As of June 2019, Alameda CTC began withholding DLD funds from the City of Albany due to non-compliance with program requirements. Alameda CTC is working closely with

the City of Albany to help them achieve program compliance. The City of Albany has been out-of-program compliance since FY16-17 due to its inability to produce audited financial statements which include the required independent auditor's opinion regarding compliance with program requirements and insufficient information provided with the Measure B/BB/VRF program compliance reports submitted. In May, Alameda CTC determined that the City of Albany is non-compliant with program requirements and has implemented the due diligence process of withholding the City of Albany's Measure B/BB/VRF DLD funds beginning June 1, 2019 until such time as the City of Albany can demonstrate the ability to become compliant with all program requirements.

Background

Alameda CTC is responsible for administering the Measure B, Measure BB, and the VRF Programs. Annually, Alameda CTC distributes over half of all revenues generated by these programs to twenty eligible recipients as Direct Local Distributions (DLD) for local transportation improvement programs. From the inception of each program to the end of FY17-18, Alameda CTC has distributed approximately \$1.3B in combined DLD funds to eligible recipients (\$1.0B in Measure B, \$233M in Measure BB, and \$51M in VRF) for local transportation (streets and road), bicycle/pedestrian, transit, and paratransit programs. The eligible recipients include twenty jurisdictions consisting of the fourteen cities, the County, and five transit agencies providing transportation improvements and services in Alameda County.

For FY17-18, Alameda CTC distributed approximately \$166.5 million in total DLD funds for the respective programs identified in the table below.

Total FY17-18 Fund Distributions By Program (\$ in Millions)				
DLD Program	Measure B	Measure BB	VRF	Total
Local Transportation (Local Streets)	\$ 32.1	\$ 29.2	\$7.4	\$ 68.7
Transit	\$ 30.5	\$ 31.4	\$ -	\$ 61.9
Paratransit	\$ 13.0	\$ 13.1	\$ -	\$ 26.1
Bicycle and Pedestrian	\$ 5.4	\$ 4.4	\$ -	\$ 9.8
Total DLD Funds	\$ 81.0	\$ 78.1	\$7.4	\$166.5

The Master Programs Funding Agreements (MPFAs) between Alameda CTC and the recipients authorize the distribution of formula funds to the recipients and specifies expenditure requirements. Each year, recipients are required to submit audited financial statements and program compliance reports to confirm DLD annual receipts, expenditures and the completion of reporting obligations. This year's compliance reporting period is for FY17-18, which goes from July 1, 2017 to June 30, 2018. The reports capture DLD recipients' annual reporting deliverables including:

- Annual revenues, interest, expenditures, and fund balances
- Publication of a newsletter article, website coverage, and signage
- Performance Metrics including Pavement Condition Index, transit on-time performance, capital vs. administrative investments, service effectiveness.

- Documentation of current Bicycle and Pedestrian Master Plans
- Documentation of Measure BB Local Streets and Roads expenditures on bicycle/pedestrian improvements
- Adherence to Timely Use of Funds Policy

For the FY17-18 reporting year, except for the City of Albany, DLD recipients submitted the required compliance reports and audited financial statements by the December 31, 2018 deadline. The City of Albany submitted its reports on April 4, 2019. Alameda CTC staff, in collaboration with the Independent Watchdog Committee, reviewed the recipients' expenditures to determine eligibility and program compliance. With the exception of the City of Albany, Alameda CTC has determined that DLD recipients are in compliance with the financial reporting and expenditure requirements, and DLD policies for expenditures incurred during FY17-18.

The purpose of the program requirements for DLD recipients to submit audited financial statements, is to provide an independent auditor's assurance that a DLD recipient is conforming to the Measure B/BB/VRF program requirements. The audited financial statements and compliance reports submitted by the City of Albany did not meet reporting requirements. Upon review of the City of Albany's FY16-17 and FY17-18 MB/MBB audited financial statements (both submitted April 4, 2019), Alameda CTC concluded that the reports were not compliant with program requirements. Within Albany's Measure B/BB/VRF audited financial statements, the independent auditor noted a disclaimer of an opinion stating, "...we were *not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.*" Alameda CTC determined the City of Albany's noncompliance with program requirements in May, and began the process of withholding DLD funds eligible for distribution to the City of Albany as of June 1, 2019. Alameda CTC will continue to withhold DLD funds from the City of Albany until such time as the City of Albany has developed and implemented financial processes, procedures and internal controls that will enable Albany to become compliant with Measure B/BB/VRF program requirements.

The Program Compliance Summary Reports for the Measure B, Measure BB and VRF programs consolidates the recipients' FY17-18 DLD investments, expenditure performances, and financial data into a comprehensive report for the DLD programs. The FY17-18 Program Compliance Summary Reports are on Alameda CTC's website: <https://www.alamedactc.org/news-publications/reports/>.

The DLD recipients' individual reports are available for review online at: <https://www.alamedactc.org/funding/reporting-and-grant-forms/>.

FY17-18 Fund Balances and Performance Monitoring

DLD recipients are required to document expenditure activities to report on the general performance of DLD funds. Key performance metrics monitored through the Annual Program Compliance Reporting process include timely use of funds,

Measure BB Local Street and Road (LSR) investments towards bicycle/pedestrian improvements, pavement condition index, transit on-time performance, and paratransit related service implementation.

For timely use of funds monitoring, the recipients' collective FY17-18 ending fund balance by funding program totals \$96.7M (\$45.9M in Measure B, \$40.9M in Measure BB, and \$9.9M in VRF). The balance has increased by \$2.6M from the past fiscal year. To encourage the expeditious use of DLD funds, Alameda CTC's Timely Use of Funds Policy on DLD funds requires recipients to actively use their fund balances. This policy states that DLD recipients shall not carry an ending fund balance greater than 40 percent of their DLD funds received for that year, for four consecutive years, starting with fiscal year 2016-17. Alameda CTC is currently monitoring the fund balance to revenue ratio to verify DLD recipients are in compliance with the policy by the end of fiscal year 2019-20. All recipients are currently in compliance with this policy and have through fiscal year 2019-20 to draw down their fund balances to an acceptable level per the policy. The individual recipient's fund balance by program are included in the Program Compliance Summary Reports and attached herein for reference (Attachment A).

Additionally, Alameda CTC monitors the recipient's adherence to the 2014 Measure BB Transportation Expenditure Plan's requirement that mandates 15 percent of LSR DLD funds be spent on bicycle/pedestrian related improvements. Based on the collective Measure BB LSR expenditures to date, the DLD recipients are meeting the requirement with approximately 25 percent of total Measure BB LSR expenditures to date going towards bicycle/pedestrian related improvements (Attachment B). Measure BB recipients are committed to using LSR funds towards local transportation improvements benefiting all modes. Alameda CTC's performance metric for LSR DLD recipients also requires a minimum PCI of 60 (Fair Condition) for local roadways. Most DLD recipients are maintaining this fair condition threshold, or have indicated a commitment and action plan to rehabilitate their most deteriorated roadways in their jurisdiction to bring their PCI to standard. A summary of jurisdictions PCI is included in Attachment C.

Alameda CTC uses industry standards for transit evaluation metrics such as ridership (annual ridership, passenger trips per revenue vehicle hour/mile); cost effectiveness (operating cost per passenger/revenue vehicle mile/hour); transit fleet state of good repair (distance between breakdowns/service interruptions, missed trips, miles between road calls). For on-time performance, each transit operator has distinct operating conditions, some have fixed guideways, some have dedicated right-of-way, and some operate in mixed flow traffic. These conditions heavily influence their on-time performance. Therefore, each operator establishes and adopts, through its board process, its own on-time performance metric that is reflective of their actual system conditions. For transit performance, Alameda CTC monitors the reported transit operator's annual adopted on-time performance goals to actual on-time performance

achieved. Transit operators are within +/- 6 percent of their agency's goal. Transit operators with an on-time performance metric below their board approved goal are revisiting service routes, circulation patterns, and capital investments to help improve their on-time performance. The transit on-time performance summary is included in Attachment C.

The Special Transportation for Seniors and People with Disabilities (Paratransit) Program contains specific performance measures based on the types of services provided by the DLD recipient. These transportation services include ADA-mandated paratransit services and city-based non-mandated paratransit programs that provide vital transportation options for seniors and people with disabilities. In general, the primary paratransit performance metrics monitored are the number of one-way trips, passenger ridership, and the cost effectiveness of those trips. The paratransit programs implemented by a jurisdiction may vary from another jurisdiction's services based on particular local paratransit service needs. The recipient's programs and anticipated DLD expenditures are reviewed annually through Alameda CTC's Annual Paratransit Program Plan process. The Program Compliance Summary Report provides a synopsis of the individual DLD recipient paratransit programs and the performance accomplishments by service type. A sample review of the paratransit ADA mandated performance summary is included in Attachment C.

Alameda CTC finds the DLD recipients (with the exception of the City of Albany) to be in compliance with the DLD financial reporting and program compliance requirements for the FY17-18 reporting period. Recipients have provided sufficient documentation to determine the eligible uses and accomplishments of DLD funds, and have met performance metrics or provided an explanation/action plan to improve performance.

Per the DLD funding agreement, Alameda CTC began withholding Measure B/BB/VRF DLD funds from the City of Albany as of June 1, 2019 and will continue to do so until such time as the City of Albany has developed and implemented financial processes, procedures and internal controls that will enable Albany to become compliant with Measure B/BB/VRF program requirements. Alameda CTC is working closely with the City of Albany to help them achieve program compliance.

Alameda CTC will continue to monitor recipients' compliance with DLD requirements through the Annual Program Compliance reporting process. The next annual compliance reports are due in December 2019 for FY18-19.

Fiscal Impact: There is no fiscal impact associated with the requested action.

Attachments:

- A. DLD Program Summary of Fund balances
- B. Summary of Measure BB LSR Expenditures on Bicycle/Pedestrian improvements
- C. Performance Summary - PCI and on-time performance

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**Measure B/Measure BB/Vehicle Registration Fee
Direct Local Distribution Fund Balances**

(As of the end of Fiscal Year 2017-18)

Jurisdiction:	Measure B	Measure BB	VRF	Total
AC Transit	\$4,864,683	\$5,399,943		\$10,264,626
BART	\$0	\$0		\$0
LAVTA	\$0	\$0		\$0
WETA	\$1,486,689	\$836,258		\$2,322,947
ACE	\$377,857	\$5,000		\$382,857
Alameda County	\$2,912,529	\$5,875,911	\$1,365,027	\$10,153,467
City of Alameda	\$2,362,180	\$1,642,626	\$326,605	\$4,331,411
City of Albany	\$904,594	\$1,169,639	\$137,114	\$2,211,347
City of Berkeley	\$2,858,040	\$5,684,401	\$981,865	\$9,524,306
City of Dublin	\$1,073,439	\$492,717	\$290,617	\$1,856,773
City of Emeryville	\$1,315,393	\$598,751	\$227,615	\$2,141,759
City of Fremont	\$3,807,008	\$2,545,115	\$1,189,784	\$7,541,907
City of Hayward	\$3,516,839	\$3,262,805	\$61,687	\$6,841,331
City of Livermore	\$2,971,622	\$2,657,587	\$1,335,741	\$6,964,950
City of Newark	\$975,281	\$622,483	\$261,476	\$1,859,240
City of Oakland	\$12,144,394	\$5,815,949	\$1,825,889	\$19,786,232
City of Piedmont	\$5,103	\$2,370	\$105	\$7,578
City of Pleasanton	\$469,383	\$1,280,120	\$274,728	\$2,024,231
City of San Leandro	\$2,540,060	\$1,900,693	\$775,695	\$5,216,448
City of Union City	\$1,322,073	\$1,062,384	\$845,403	\$3,229,861
Total	\$45,907,169	\$40,854,751	\$9,899,351	\$96,661,271

Notes:

1. Financials are from the Measure B/BB/VRF Direct Local Distribution Recipients' FY 2017-18 Audited Financial Statements.

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Measure BB Local Streets and Roads Requirement

15% of Total LSR Expenditures must be towards benefiting bicylists/pedestrians.

Jurisdiction:	Total LSR Expenditures to Date	Total LSR Expenditures on Bike/Ped to Date	Percentage of LSR Expenditures on Bike/Ped over Total LSR Expenditures	15% minimum LSR achieved?
ACPWA	\$3,041,727	\$2,378,758	78%	Yes
City of Alameda	\$4,581,446	\$2,390,264	52%	Yes
City of Albany	\$175,875	\$163,325	93%	Yes
City of Berkeley	\$4,210,014	\$1,166,574	28%	Yes
City of Dublin	\$1,020,000	\$243,874	24%	Yes
City of Emeryville	\$338,325	\$55,250	16%	Yes
City of Fremont	\$6,035,000	\$1,942,788	32%	Yes
City of Hayward	\$6,294,769	\$1,322,716	21%	Yes
City of Livermore	\$767,398	\$173,438	23%	Yes
City of Newark	\$1,117,332	\$390,212	35%	Yes
City of Oakland	\$31,235,844	\$4,947,344	16%	Yes
City of Piedmont	\$1,255,728	\$254,807	20%	Yes
City of Pleasanton	\$1,973,416	\$444,914	23%	Yes
City of San Leandro	\$3,008,337	\$507,420	17%	Yes
City of Union City	\$1,647,858	\$258,488	16%	Yes
Total	\$66,703,069	\$16,640,170	25%	Yes

Notes:

1. The table above reflects total Measure BB funds reported by jurisdictions.
2. Estimates for City of Albany are based on most current data submitted to Alameda CTC.
3. Revenue and expenditure figures may vary due to number rounding.

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DLD Performance Summary
Fiscal Year 2017-18 Performance Monitoring

Table 1: Pavement Condition Index		
LSR Metric: Alameda CTC's performance metric for DLD Local Streets and Road (LSR) recipients requires a minimum PCI of 60 (Fair Condition) for local roadways.		
Jurisdiction:	PCI Score	PCI Score > 60?
Alameda County	71	Yes
City of Alameda	64	Yes
City of Albany	58	No
City of Berkeley	56	No
City of Dublin	85	Yes
City of Emeryville	77	Yes
City of Fremont	72	Yes
City of Hayward	70	Yes
City of Livermore	77	Yes
City of Newark	76	Yes
City of Oakland	55	No
City of Piedmont	61	Yes
City of Pleasanton	79	Yes
City of San Leandro	56	No
City of Union City	81	Yes

Table 2: Transit On-time Performance				
Transit Metric: Alameda CTC monitors the reported transit operator's annual adopted on-time performance goals to actual on-time performance achieved.				
Jurisdiction:	On-Time Performance Goal	On-Time Performance Actual	Under/Over Goal	Goal Achieved?
AC Transit	72%	69%	-3%	No
ACE	95%	94%	-1%	No
BART	95%	89%	-6%	No
LAVTA	85%	81%	-4%	No
Union City Transit	90%	94%	4%	Yes

Table 3: ADA Mandated Services				
Paratransit Metric: Alameda CTC monitors programs mandated by the American's with Disabilities Act. Comparing annually the number of one-way trips/passenger ridership provided by the programs, and cost effectiveness of those trips (Measure B/BB costs by program divided by the number of passengers).				
	FY 16/17		FY 17/18	
Agency	Number of One-way Trips	MB/BB Cost Per Trip	Number of One-way Trips	MB/BB Cost Per Trip
AC Transit	502,755	\$22.92	531,840	\$23.18
BART	225,876	\$17.73	238,942	\$18.13
LAVTA	50,433	\$9.18	50,967	\$9.77
Union City	21,375	\$24.48	18,028	\$28.57
Total	800,439	\$20.63	839,777	\$21.04

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Memorandum

5.3

1111 Broadway, Suite 800, Oakland, CA 94607

• 510.208.7400

• www.AlamedaCTC.org

DATE: June 3, 2019

TO: Programs and Projects Committee

FROM: John Pulliam, Director of Project Delivery
Jhay Delos Reyes, Project Manager

SUBJECT: East Bay Greenway (from Lake Merritt BART to South Hayward BART)
(PN 1457001): Approval of Professional Services Agreement A19-0026
with Overland, Pacific and Cutler for Right of Way Phase Services

Recommendation

It is recommended that the Commission approve and authorize the Executive Director to execute Professional Services Agreement A19-0026 with Overland, Pacific and Cutler (OPC) for a not-to-exceed amount of \$1,800,000 to provide services for the Right of Way (R/W) phase.

Summary

The Alameda County Transportation Commission (Alameda CTC) is the project sponsor and implementing agency for the East Bay Greenway (EBGW) (from Lake Merritt BART to South Hayward BART) (Project) a 16-mile bicycle and pedestrian facility in the cities of Oakland, San Leandro and Hayward as well as the unincorporated communities of Ashland and Cherryland. The Project connects seven BART stations as well as downtown areas, schools, and other major destinations.

The Project completed the Preliminary Engineering/Environmental Phase upon adoption of the Initial Study/Mitigated Negative Declaration (IS/MND) under the California Environmental Quality Act (CEQA) in March 2018, and obtained Categorical Exclusion (CE) under the National Environmental Policy Act (NEPA) in November 2018. Alameda CTC selection process to procure consultant services for R/W Support activities for the project began in December 2018 with Commission approval to release the request for proposals (RFP). The RFP sought professional services for R/W Engineering and Appraisal services as part of the R/W phase.

RFP 19-0004 was released in January 2019. Proposals were received from two firms. An independent selection panel comprised of representative from the City of San Leandro and Alameda CTC reviewed the two proposals submitted, conducted interviews in March

2019, and concluded that the OPC team is the most qualified to complete the R/W phase tasks.

After a thorough review of the submitted cost proposal and comparison to Alameda CTC's independent cost estimate and assumptions, Alameda CTC negotiated the contract with OPC, and reached agreement on hours anticipated to be required to conduct the work scope, fees, escalations, and other direct costs. Staff has determined that the negotiated not-to-exceed amount of \$1,800,000 is fair and reasonable to both the Alameda CTC and the consultant. The estimated duration to complete the required scope is 18 months.

OPC is a certified Local Business Enterprise (LBE) and their proposal included a commitment to 70% LBE and 30% Small Local Business Enterprise participation. The Executive Director concurs with this recommendation.

Background

Alameda CTC is the project sponsor and implementing agency for the East Bay Greenway (EBGW) (from Lake Merritt BART to South Hayward BART) (Project) a 16-mile bicycle and pedestrian facility in the cities of Oakland, San Leandro and Hayward as well as the unincorporated communities of Ashland and Cherryland. The Project connects seven BART stations as well as downtown areas, schools, and other major destinations.

The Project proposes to improve bicycle and pedestrian network connectivity between Downtown Oakland and South Hayward in Alameda County. It will also improve access to regional transit, schools, downtown areas, and major activity centers by creating a regional trail transportation facility that is accessible and comfortable to bicyclists and pedestrians of all ages and abilities. The Project will improve safety for bicyclists and pedestrians by providing a facility that is physically separated from high speed, high volume vehicular traffic, and minimizes conflicts between trail users to the maximum extent feasible. Additionally the Project supports promotion of a multimodal transportation system and reduction of greenhouse gas emissions.

The Project completed the PA&ED phase. As the lead agency for CEQA, the Commission adopted the IS/MND in March 2018 pursuant to Section 15074 of the CEQA Guidelines. Caltrans approved the corresponding CE under NEPA in November 2018. The environmental clearance approach for the Project incorporates the phased implementation of the 16-mile corridor on a segment-by-segment basis to allow design, and eventual project construction, to proceed once constraints, such as right-of-way availability, jurisdictional readiness, and funding are resolved. Right-of-way availability has the most impact on the final Project features. The environmental documents addressed both options below.

- **Rail-to-Trail** option assumes that the Union Pacific Railroad (UPRR) Oakland Subdivision would no longer have active rail service and the full 80-100 foot wide right-of-way is available for the Project.

- **Rail-with-Trail** option assumes the minimum possible encroachment into UPRR right-of-way while still constructing a continuous facility alongside the rail. This concept requires encroachment into UPRR right-of-way for approximately six miles.

In anticipation of the approvals of the IS/MND & CE and in order to maintain the delivery momentum, Alameda CTC initiated the selection process to procure consultant services for R/W support services with a RFP released in December 2018]. A pre-proposal meeting was held in January 8, 2019 and was attended by 9 firms. Alameda CTC received two (2) proposals on January 25, 2019.

An independent selection panel composed of representatives from the City of San Leandro and Alameda CTC reviewed the proposal. The panel evaluated the proposals submitted by two firms and determined that the proposal were responsive and proceeded with interviews. The panel evaluated the interviews and determined that the OPC team is qualified to perform the services required.

After a thorough review of the submitted cost proposal and comparison to Alameda CTC's independent cost estimate and assumptions, Alameda CTC met and negotiated the contract with OPC, and reached agreement on hours anticipated to be required to conduct the work scope, fees, escalations, and other direct costs. Staff has determined that the negotiated not-to-exceed amount of \$1,800,000 is fair and reasonable to both the Alameda CTC and the consultant and includes the services necessary to complete the R/W Support services for the Project. The estimated duration to complete this work is 18 months.

OPC is a certified Local Business Enterprise (LBE) and their proposal included a commitment to 70% LBE and 30% Small Local Business Enterprise participation. The Executive Director concurs with this recommendation.

The EBGW is included in the 2014 Transportation Expenditure Plan (TEP No. 42) with a commitment of \$3,500,000. Funds necessary for the R/W Phase work were programmed and allocated in April 2017 as part of the 2018 Comprehensive Investment Plan.

Levine Act Statement: The OPC Team did not report a conflict in accordance with the Levine Act.

Fiscal Impact: The fiscal impact for approving this item is \$1,800,000, which was included in the budget adopted for FY2018-2019 Capital Program Budget.

Attachment:

- A. Project Fact Sheet

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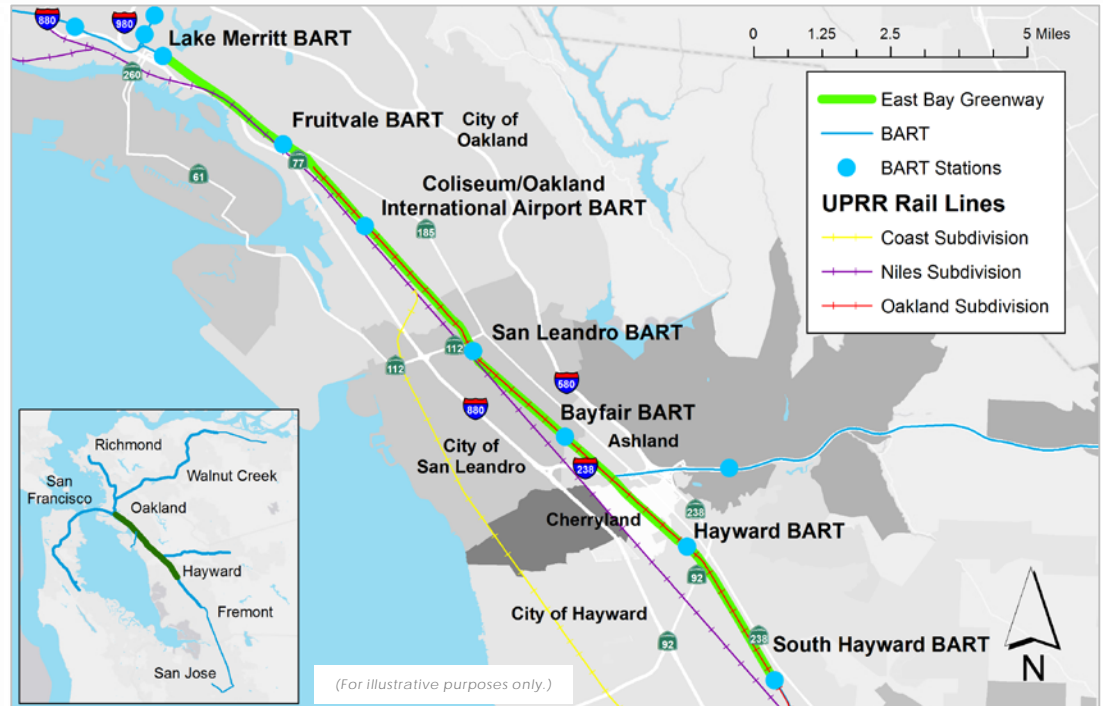
East Bay Greenway: Lake Merritt BART to South Hayward BART^{5.3A}

FEBRUARY 2019

PROJECT OVERVIEW

The Alameda County Transportation Commission (Alameda CTC) is the implementing agency for the East Bay Greenway: Lake Merritt BART to South Hayward BART project that proposes to construct a 16-mile regional trail facility along the BART alignment from Oakland to Hayward. The project would consist of Class I multi-use pathways and Class IV protected bikeways as well as lighting, fencing, barrier railings, intersection improvements and crossing treatments, and other features needed to ensure user safety and security.

Much of the project corridor contains an active Union Pacific Railroad (UPRR) line and availability of UPRR right-of-way will determine the ultimate project design. Two design options are under consideration to provide "bookends" for environmental analysis purposes. A Rail-with-Trail option would construct a trail adjacent to the rail line while preserving rail operations. A Rail-to-Trail option would involve abandonment of the rail line and conversion to a trail facility. Both options require some usage of UPRR right-of-way.



PROJECT NEED

- The existing county bikeway network does not provide a continuous and comfortable route connecting Downtown Oakland and South Hayward.
- Existing interjurisdictional routes in the East Bay Greenway corridor are generally arterial roadways that carry significant traffic volumes, are designated transit and truck routes, and have established histories of collisions involving bicyclists and pedestrians.
- The East Bay Greenway jurisdictions and BART have adopted specific plans, station area plans and other land use plans, calling for thousands of additional residents and jobs in the East Bay Greenway corridor. Improved last-mile transit access to regional transit and destinations is essential to accommodating planned growth along the East Bay Greenway corridor.

PROJECT BENEFITS

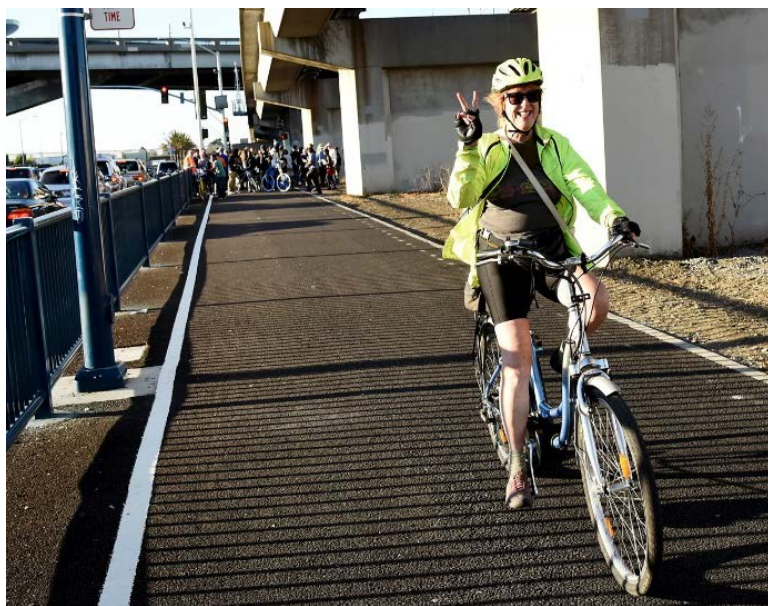
- Improves bicycle and pedestrian network connectivity in communities along the BART line
- Improves access to regional transit, schools, downtown area, and other destinations
- Creates a facility that is accessible and comfortable to bicyclists and pedestrians of all ages and abilities
- Improves safety for bicyclists and pedestrians
- Supports promotion of a multimodal transportation system and reduction of greenhouse gas emissions

STATUS

Implementing Agency: Alameda CTC

Current Phase: Environmental

- In September 2014, Alameda CTC leveraged available local Measure B and BB funds and was awarded \$2.6 million in state Active Transportation Program (ATP) funding towards the environmental clearance for the Project.
- Alameda CTC is the lead agency for California Environmental Quality Act (CEQA) and Caltrans is the lead agency for National Environmental Policy Act (NEPA).
- Alameda CTC adopted the CEQA Initial Study/Mitigated Negative Declaration (IS/MND) on March 22, 2018.
- Caltrans approved the NEPA Categorical Exclusion (CE) on November 16, 2018.



Initial East Bay Greenway segment from Coliseum BART to 85th Avenue (funded by Measure WW, TIGER and BAAQMD).

PROJECT DOCUMENTS

For more information on the project, please visit:

www.alamedactc.org/eastbaygreenway.

PARTNERS AND STAKEHOLDERS

Cities of Oakland, San Leandro and Hayward, Alameda County, BART, East Bay Regional Park District and the California Department of Transportation – lead agency for NEPA clearance

Note: Information on this fact sheet is subject to periodic updates.

COST ESTIMATE BY PHASE (\$ X 1,000)

PE/Environmental	\$6,501
Final Design	\$22,000
Right-of-Way	TBD*
Construction	\$161,000**

* The cost for right-of-way is subject to future discussions with UPRR.

**2017 estimate.

FUNDING SOURCES (\$ X 1,000)

Measure BB	\$3,500
Measure B	\$345
Federal	\$2,656
State	TBD
Regional	TBD

SCHEDULE BY PHASE

	Begin	End
Environmental	Fall 2015	Fall 2018
Final Design (PS&E)	Summer 2019	Summer 2021
Right-of-Way	TBD	TBD
Construction	Late 2021	Late 2023



Project corridor in San Leandro south shared by UPRR – an active freight rail line.



Memorandum

5.4

1111 Broadway, Suite 800, Oakland, CA 94607

• 510.208.7400

• www.AlamedaCTC.org

DATE: June 3, 2019

TO: Programs and Projects Committee

FROM: Trinity Nguyen, Director of Project Delivery

SUBJECT: Approval of Alameda CTC Construction Management and Administration Guide

Recommendation

It is recommended that the Commission approve the Alameda CTC Construction Management and Administration Guide.

Summary

Alameda CTC directly implements and oversees the delivery and management of regionally significant, multi-jurisdictional, and complex capital projects in Alameda County through various phases of delivery from scoping through construction. To deliver this construction program, Alameda CTC retains the services of qualified firms to provide professional support services including design, construction management, surveying and other required expertise.

To ensure the effective and efficient delivery of Alameda CTC's construction program and to allow Alameda CTC to accept and apply external funds for construction, it is necessary to have documented agency construction administration procedures. The Alameda CTC Construction Management and Administration Guide (CMAG), as presented in Attachment A, is built upon the guides from Alameda CTC's predecessors (ACCMA Construction Contract Administration Guide, January 2002 and Draft ACTIA Construction Contract Administration Procedures). Clarifications and additions incorporate best management practices and changes to policies, laws and procedures.

As this guide is intended to be a living document, it is recommended that the Executive Director be authorized to make future changes to ensure compliance with contracting laws and as may be required to allow Alameda CTC's ability to accept external funds on its construction projects.

Background

Alameda CTC, as the successor to three previous agencies: Alameda County Transportation Authority (ACTA), Alameda County Transportation Improvement Authority (ACTIA) and Alameda County Congestion Management Agency (ACCMA), is a joint powers agency which plans, funds and delivers a broad spectrum of transportation projects and programs to enhance mobility throughout Alameda County,.

Alameda CTC also serves as the Managing Agency for the Sunol Smart Carpool Lane Joint Powers Authority (Sunol JPA), which was created in February 2006 to plan, design and construct, and then administer the operation of a value pricing HOV program on the Sunol Grade segment of Interstate 680 in Alameda and Santa Clara Counties.

Alameda CTC directly implements and oversees the delivery and management of regionally significant, multi-jurisdictional, and complex capital projects in Alameda County through various phases of delivery from scoping through construction. To deliver its construction program, Alameda CTC retains the services of qualified firms to provide professional support services including design, construction management, surveying and other required expertise.

In the past few years, significant new sources of funding have become available for transportation including Senate Bill 1 (April 2017), which is anticipated to provide \$54 billion in state funding over the next decade, and Regional Measure 3 (June 2018), which is estimated to generate \$4.45 billion for transportation capital investments over a 25-year period. Coupled with local sales tax measure funds, these funds will create opportunities for many Alameda County projects to be constructed in the immediate future. See Attachment B for list of Alameda CTC projects anticipated to proceed into construction and estimated timing.

To ensure the effective and efficient delivery of Alameda CTC's construction program and to allow Alameda CTC to accept and apply external funds for construction, it is necessary to have documented agency construction administration procedures. The Alameda CTC Construction Management and Administration Guide (CMAG) as presented is built upon the guides from Alameda CTC's predecessors (ACCMA Construction Contract Administration Guide, January 2002 and Draft ACTIA Construction Contract Administration Procedures).

The predecessor documents cover the following topics:

- Contract Advertisement
- Contract Award
- Post Award
- Construction Phase
- Project Close-Out
- Bid Protest Procedure

The Alameda CTC CMAG updates and expands on the above topics, and incorporates clarifications and best management practices and reflects changing policies, laws and procedures. An evaluation of Caltrans and other local agency processes and guides from the Bay Area Toll Authority, Contra Costa Transportation Authority, Port of Oakland, and Santa Clara Valley Transportation Authority has resulted in the addition of the following topics:

- Resolution of Disputes
- Relief of Maintenance
- Records Retention
- Federal-Aid Requirements
- Templates
- Guides and References

The Alameda CTC CMAG is intended as a living document to be updated periodically to incorporate revisions, clarifications, and changing policies, laws, and procedures. The Executive Director is authorized to make changes to ensure compliance with contracting laws and as may be required to allow Alameda CTC's ability to accept external funds on its construction projects.

Fiscal Impact: There is no fiscal impact associated with the requested action.

Attachments:

- A. Alameda CTC Construction Management and Administration Guide (Version 1.0, June 2019) - Draft
- B. Table A: Alameda CTC Upcoming Construction Projects

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Construction Management and Administration Guide

Version 1.0 - JUNE 2019

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Construction Management and Administration Guide

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Acronyms and Definition of Terms

A&E	Architectural and Engineering
AAA	Advertise, Award, and Administration
Alameda CTC	Alameda County Transportation Commission
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
Commission	Alameda CTC's governing body
CCO(s)	Contract Change Order(s)
CFR	Code of Federal Regulations
CM	Construction Management
CMAG	Construction Management and Administration Guide
CMT	Construction Management Team
CMPM	Construction Management Project Manager
DBE	Disadvantaged Business Enterprise
DBELO	Disadvantaged Business Enterprise Liaison Officer
DRB	Dispute Review Board
DVBE	Disabled Veterans Business Enterprise
EEO	Equal Employment Opportunity
LAPM	Caltrans Local Assistance Procedures Manual
LBCE Program	Local Business Contract Equity Program
LBE	Local Business Enterprise
NOC	Notice of Completion
NOCC	Notice of Construction Completion
NTC	Notice to Contractor
NTP	Notice to Proceed
OE	Office Engineer
PE	Professional Engineer (licensed)
PIO	Public Information Officer
PPC	Alameda CTC Programs and Projects Committee
PS&E	Plans, Specifications and Estimates
QAP	Quality Assurance Program
QMP	Quality Management Plan (also referred to as Quality Assurance Plan)
RE	Resident Engineer
SBE	Small Business Enterprise
SLBE	Small Local Business Enterprise

Caltrans Oversight Engineer: A Caltrans employee who performs independent quality assurance of the activities being performed by the resident engineer, the local agency structure representative, and others assigned to a construction project. The Oversight Engineer is the local agency's primary Caltrans contact. The Oversight Engineer ensures compliance with applicable state and federal regulations, contract requirements, Caltrans standards and practices, encroachment permit, and cooperative agreement requirements.

Construction Manual: The Caltrans Construction Manual used as a resource for all personnel engaged in contract administration. The manual establishes policies and procedures for the construction phase of Caltrans projects.

Contingency: A budgeted line item in a construction contract, established in the Resolution to Award, which sets aside funds to pay for unforeseen construction issues that may arise.

Contractor: The Prime Contractor responsible for the construction of a project.

Construction Allotment: The total budgeted (funded) amount established to Award a construction contract. The Construction Allotment is equal to the total of bid items (contractor's total bid amount) + Supplemental Work Funds + Owner-Furnished Materials + Contingency.

Cooperative Agreement (Co-Op): A formal, legally binding contract between (or among) agencies. Cooperative agreements outline responsibilities and respective obligations (including cost sharing) of the participants. This contract may address more than just the project construction. Cooperative agreements and maintenance or ownership obligations are required when exchanges of funds or commitments of resources occur.

Owner-Furnished Materials: Materials to be furnished by the owner(s) and provided to the contractor for use or installation in a construction contract. Owner-furnished materials are not part of the contractor's bid, but they are included in the total construction allotment for a project.

Partnering: A relationship between the owner and the contractor, formed in order to effectively complete the contract to the benefit of both parties. Through trust, cooperation and teamwork, the goal is to resolve conflicts at the lowest possible level.

Staff Report: The Staff Report is the document used by Alameda CTC staff to request an action by the Commission. It may be used to request approval of contracts, change orders, co-op agreements, and contract amendments, and to officially establish or change a policy or procedure.

Supplemental Work: The anticipated work within the scope of the project which is included in the engineer's estimate for a project to cover work of such an uncertain nature that is cannot be quantified as a contract bid item.

References and Guiding Documents

The advertisement, award, and administration of construction contracts and project closeout shall be performed, at a minimum, in accordance with the applicable provisions of the following documents;

Local:

- Local and/or Regulatory Agency Permit Requirements
- Project Special Provisions & Project Plans (PSP & PP)
- Alameda CTC Administrative Code
- Alameda County Transportation Commission Cost Estimating Guide
- Alameda CTC Local Business Contract Equity Program

State:

- California Public Contract Code
- California Prevailing Wage Determinations
- Cal-OSHA
- Caltrans Local Assistance Procedures Manual (LAPM)
- Caltrans Standard Specifications & Plans (SS & SP)
- Caltrans Traffic Manual
- Caltrans Manual of Uniform Traffic Control Devices (MUTCD)
- Caltrans Construction Manual
- Caltrans Guide to Project Delivery Work Plan Standards, Office of Statewide Project Management Improvements

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1. Introduction - Background

Alameda CTC, as the successor to three previous agencies: Alameda County Transportation Authority (ACTA), Alameda County Transportation Improvement Authority (ACTIA) and Alameda County Congestion Management Agency (ACCMA), is a joint powers agency which plans, funds and delivers a broad spectrum of transportation projects and programs to enhance mobility throughout Alameda County,.

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Alameda CTC directly implements and oversees the delivery and management of regionally significant, multi-jurisdictional, and complex capital projects in Alameda County through various phase of delivery from scoping through construction. To deliver its construction program of projects, Alameda CTC retains the services of qualified firms to provide professional support services including design, construction management, surveying and other required expertise.

In the past few years, significant new sources of funding have become available for transportation including Senate Bill 1 (April 2017) which is anticipated to provide \$54 billion in state funding over the next decade and Regional Measure 3 (June 2018) which is estimated to generate \$4.45 billion for transportation capital investments over a 25-year period. Coupled with local sales tax measure funds, these funds will create opportunities for many Alameda County projects to be constructed in the immediate future.

To ensure the effective and efficient delivery of Alameda CTC's construction program and to allow Alameda CTC to accept and apply external funds for construction, it is necessary to have documented agency construction administration procedures. The Alameda CTC Construction Management and Administration Guide (CMAG) as presented is built upon the guides from Alameda CTC's predecessors (ACCMA Construction Contract Administration Guide, January 2002, and Draft ACTIA Construction Contract Administration Procedures) and incorporates clarifications and Best Management Practices (BMPs) and reflects changing policies, laws and procedures.

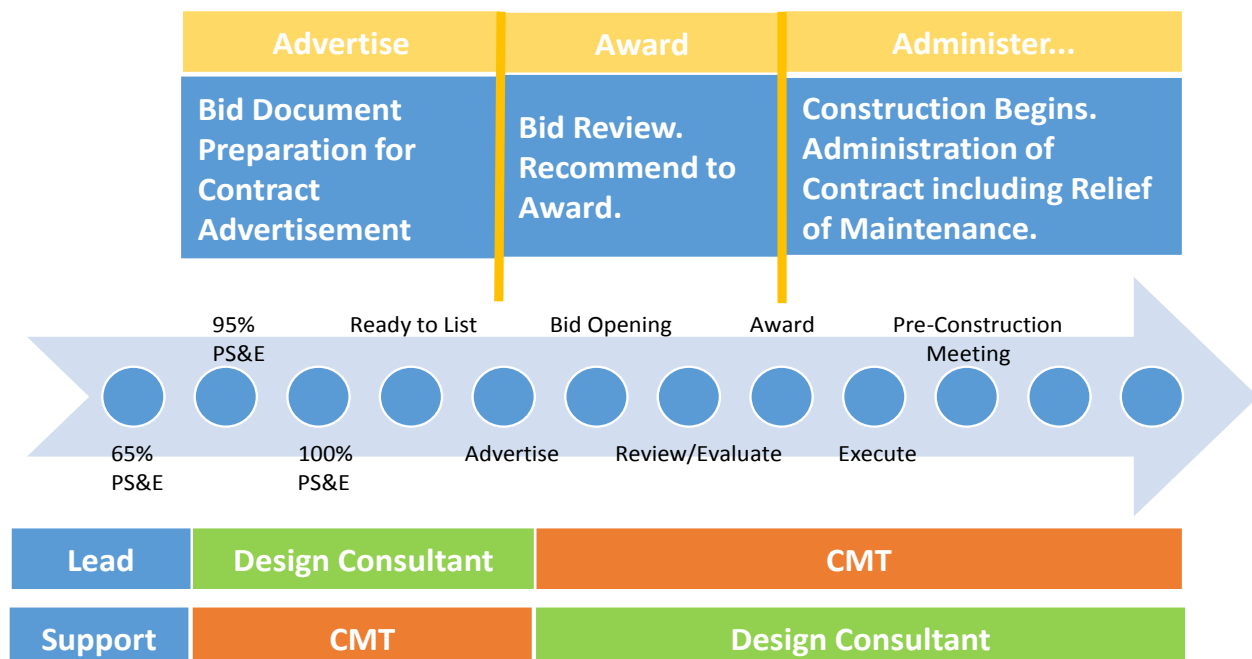


Figure 1: Project Delivery Schedule from Design to Construction. Refer to Section 1.2.

1.1 Purpose

This Construction Management and Administration Guide (CMAG) documents Alameda CTC's procedures for the preparation of project documents for advertising, awarding and administering construction contracts; including contract acceptance and closeout requirements. The CMAG will assist Alameda CTC and its agents to effectively and efficiently administer construction projects implemented by Alameda CTC from bidding document preparation to contract closeout.

1.2 Roles and Responsibilities

The following summarizes the roles of the various participants in the administration of Alameda CTC construction projects. The optimum time to have the CMT services available is before the 95% PS&E milestone such that the Constructability Review may be adequately performed.

- The Commission establishes and maintains policies and programs supporting the development of capital projects in cooperation with local, regional, state, and federal agencies.
- The Executive Director or designee is responsible for executing all funding agreements and contracts and is the representative of Alameda CTC to the Commission. The Executive Director designates the following responsibilities: Commission Engineer and authorized delegates of the Commission Engineer and Agency's DBE Liaison Officer.
- The Commission Engineer, signs plans for conformance with project requirements and design exceptions, certifies the utilities and right-of-way, and approves contract change orders (CCOs) and other documents.
- Authorized delegates of the Commission Engineer, signs plans for conformance with project requirements and design exceptions, certifies the utilities and right-of-way, and approves CCOs and other documents. Any other delegations must be specifically authorized in writing.
- The Disadvantaged Business Enterprise Liaison Officer (DBELO) is responsible for implementing the requirements contained in the DBE Implementation Agreement for Local Agencies between Caltrans and Alameda CTC. The DBELO will have direct independent access to the Executive Director concerning DBE matters.
- The Employee in Responsible Charge for a particular phase or project is the Director of Project Delivery or other delegated staff.
- The Director of Project Delivery (Construction) oversees Alameda CTC's Construction Program.
- The Alameda CTC Contract Administrator is the Alameda CTC staff person who performs public contract administration duties including solicitation of administration, professional, and construction contractor services; assists in negotiating contracts and contract language; oversees and manages invoices; and monitors contract compliance.
- The Alameda CTC Project Manager is responsible for the delivery of a specific capital project or phase thereof. This position may be either a staff person or a consultant.
- The consultant Construction Management Team (CMT) will provide all construction management services necessary to assist the Alameda CTC Project Manager administer the construction of a specific project. During the design phase, and as required by Alameda CTC, the CMT may provide constructability review, independent cost estimates, outreach support, and risk monitoring documentation. On large complex projects, a Construction Management Project Manager (CMPM) may be provided by the CMT to oversee and be responsible for assisting with the advertisement, award, and administration of the construction contract and act as liaison between the CMT and Alameda CTC. A sample scope of services is provided in Appendix A.
- The Design Consultant serves as the Engineer of Record for a specific project and will provide design services during construction, complete as-built plans, and R/W documentation.

- Alameda CTC's Legal Counsel (Legal Counsel) is responsible for the legal review of processes, procedures and all related contracts associated with the construction administration of Alameda CTC projects.

Specific responsibilities for the various roles in construction contract administration are further described below.

1.3 Review and Updates

This guide is intended as a living document to be updated periodically to incorporate revisions, clarifications, and changing policies, laws, and procedures. The Executive Director is authorized to make changes to ensure compliance with contracting laws and as may be required to allow Alameda CTC's ability to accept external funds on its construction projects.

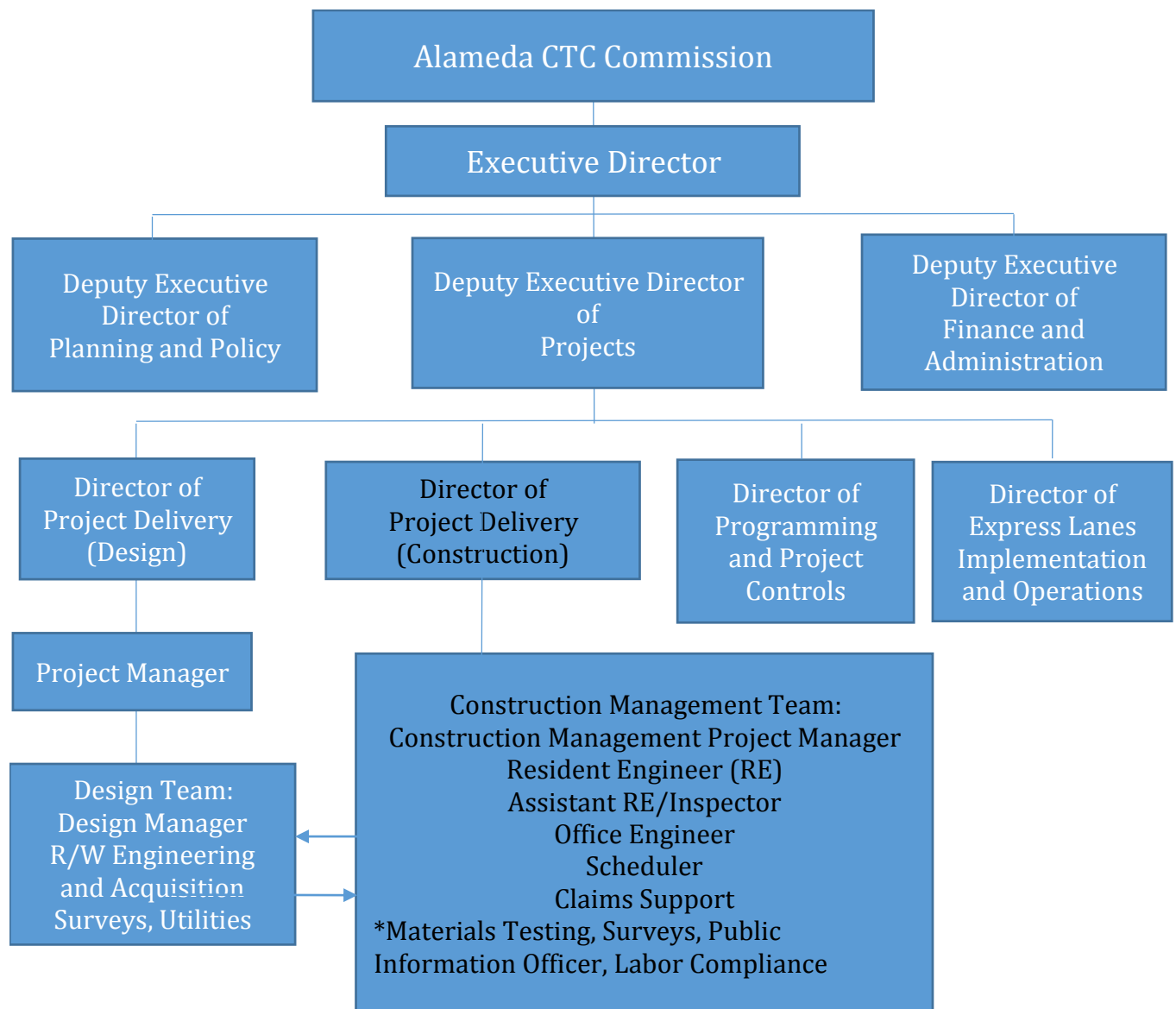


Figure 2: Organization

**May be performed under separate contract (s) or by Alameda CTC staff to most effectively deliver the project.*

2. Contract Advertisement

The CMT shall adhere to the applicable rules and regulations listed in Chapter 15, "Advertise and Award Project," of the Caltrans Local Assistance Procedures Manual (LAPM) including the following requirements set forth in this section.

2.1 Bidding Document Preparation

The Design Consultant, in coordination with the CMT, will prepare the bid documents, including project plans and specifications, based upon Alameda CTC's standard forms or other supplied materials. The Alameda CTC PM is responsible for the management of this effort and the administration of the design consultant's design services during construction phase.

The bid documents shall conform to the requirements of the funding sources, incorporate the appropriate provisions from the Caltrans Division of Local Assistance "Sample Boilerplate Contract Documents," and include the Alameda CTC LBCE Program or DBE goals as applicable. When the Alameda CTC LBCE Program is not required, the use of LBEs and SLBEs shall still be encouraged. For details and discussion on DBE considerations, refer to LAPM Section 9.

The need for a constructability and biddability review of the bid documents by the CMT will be considered by the Alameda CTC PM on a project by project basis. The Alameda CTC PM shall determine if all the constraints have been cleared and the funding in place to designate the project "Ready to List" (RTL). Constraints include items such PS&E complete, Right of Way (R/W) certification, permits obtained, and funding authorizations in place. Funding for each project may vary and all funding shall be authorized prior to the advertisement of the project.

The Alameda CTC Contract Administrator shall confer with the CMPM to determine how many sets of bidding documents will be needed to advertise the project and the price for each set.

2.1.1 Contractor Outreach

Depending on the complexity and schedule of the project, general economic conditions, or other factors (such as specialty work or funding utilization goals) which may be considered as potential impacts to the competitive bidding process or to the number of potential bidders, the Alameda CTC PM may elect to conduct a contractor outreach session prior to advertising. The Alameda CTC PM in coordination with the CMT will coordinate the process for notifying the construction community of the event and perform the overall coordination of the outreach session.

2.2 Contract Advertising and Bidding

The Alameda CTC PM shall ensure that the Commission has authorized the agency to advertise and publicly open all bids received prior to advertising a contract for award. Any additional approvals from funding agencies must also be secured prior to advertisement.

The CMPM shall prepare a Notice to Contractors (NTC) and will publish the NTC to the applicable bid boards, news publications, and Alameda CTC's website. Contractors from prior outreaches or from other related interest lists shall receive notice by email that the NTC has been published. The NTC should include the time, date, and location of a Pre-Bid Conference (see 2.2.2), if applicable. See Appendix F for a sample template. The advertisement period officially starts on the first date of such publication.

2.2.1 Bidding Document Distribution

The NTC shall include instructions to prospective bidders for obtaining the bid documents from Alameda CTC. The CMPM shall review the current Alameda CTC approved list of builders exchanges and plan rooms (refer to Appendix E) and if the list does not adequately address the

project needs, obtain approval from the Alameda CTC PM for additional listings. The CMPM shall issue sets of the bid documents to builder's exchanges and plan rooms at no cost. NTC will accompany the bid document to the builder's exchanges and plan rooms. If bid documents are issued through local print services, the Alameda CTC Contract Administrator will coordinate with the print service to record the contact information of all purchasers of the bid documents. The Alameda CTC Contract Administrator, in coordination with the CMPM, shall maintain a current listing of all plan holders of record.

2.2.2 Pre-Bid Conference

The Alameda CTC PM will determine the need for the Pre-Bid Conference and whether attendance will be required in order to submit a bid. The purpose of a Pre-Bid Conference is to direct attention to any critical aspects of the project, to allow those prospective bidders to ask questions and to gauge contractor interest in the project. Low attendance at the Pre-Bid Conference may indicate a need for additional outreach efforts to ensure a sufficient number of bids are received. Minutes of the Pre-Bid Conference will be prepared (including the meeting sign-in sheet) will be provided to all attendees and all plan holders of record and also posted on the Alameda CTC website.

Considerations for a Mandatory Pre-Bid (MPB) may include: as a race-neutral measure for federally funded projects or unique features of a site or project that requires a site visit. The Alameda CTC PM will coordinate with the Alameda CTC Contract Administrator and CMT to conduct the Pre-Bid Conference.

For additional considerations and planning for a MPB, refer to Caltrans Mandatory Pre-Bid Guide (http://www.dot.ca.gov/obeo/docs/MPB_Guide.pdf).

2.2.3 Bidder Inquiries

The Alameda CTC Contract Administrator will be the single point of contact for bidder inquiries throughout the advertising period. The NTC will include specific instructions for submitting bidder inquiries. Bidder inquiries will be accepted no later than 5 p.m. six working days prior to bid opening date.

The Alameda CTC Contract Administrator will provide the bidder inquiries to the CMPM, who will work with the Design Consultant to develop a response for the Alameda CTC PM. The Alameda CTC PM will seek input and approval from Legal Counsel and then provide the approved response to the Alameda CTC Contract Administrator for distribution. The Alameda CTC Contract Administrator, in consultation with the CMPM, will ensure that all bidder inquiries and responses are recorded and transmitted to all plan holders of record generally not less than 5 p.m. four working days prior to bid opening. The intent of this requirement is to provide the bidders sufficient time to respond and/or address the bidder inquiries or to postpone the bid submittal, if necessary.

2.2.4 Addenda

If matters or questions arise during the advertisement period that are deemed to require clarifications of the bidding documents, the CMPM, with appropriate assistance from the Design Consultant, will prepare an addendum for the Alameda CTC PM to review. Once the Alameda CTC PM and Legal Counsel have reviewed and are satisfied with the addenda, it will be transmitted to the Commission Engineer for approval and signature. The Commission Engineer will provide the approved addenda to the Alameda CTC Contract Administrator who will then issue to all plan holders of record and post it on the Alameda CTC website. Addenda should generally be issued no later than 5 p.m. four working days prior to bid opening.

2.2.5 Bid Submittal and Receipt

The NTC will instruct bidders to submit their sealed bids to the Alameda CTC Contract Administrator at the Alameda CTC offices during normal business hours and prior to the time specified. The Alameda CTC will not accept bids after the specified time. The Alameda CTC Contract Administrator will be responsible for safeguarding all accepted bids. As bids are received, they shall be logged in and stamped with the time and date and assigned a bid number or ID. The bids shall be retained in a secure place until the designated time when they are publicly opened. Negotiation with contractors during the period following the opening of bids and before the award of contract shall not be permitted.

2.3 Bid Opening

The Alameda CTC Contract Administrator will oversee the public opening of all bids at the time and location stated in the Notice to Contractors. Changes, if any, to the originally specified bid opening time or location will only be made by addendum. All bids received in accordance with the terms of the advertisement shall be publicly opened and announced by total amount. If any bid received is not read aloud, the name of the bidder and the reason for not reading the bid aloud shall be publicly announced. The Commission Engineer shall adhere to the rules and regulations as listed in Chapter 15, "Advertise and Award Project," of the Caltrans LAPM related to the bid opening of construction contract bids. A bid summary will be prepared by the CMPM. A sample bid summary is shown in Appendix F.

2.3.1 Collection of Bid Escrow Documents

If the Contract Specifications require Escrow Bid Documents, the lowest three bidders shall be required to submit their Escrow Bid Documents. These documents shall be collected by the Alameda CTC Contract Administrator and/or the CMPM at the time of bid submittal.

2.4 Bid Analysis

Following the bid opening, the CMPM will check on the status of all bidders' contractor licenses and ensure that the bids are analyzed for irregularities (e.g., errors, discrepancies, and omissions), as well as conformance with Alameda CTC's LBCE Program or the Caltrans DBE requirements as applicable and other funding agency's policies included in the bid documents. The CMPM shall use Caltrans LAPM Form 15-I to determine if the bidder's proposals are responsive.

If any bid contains irregularities which could affect the determination of the lowest responsible and responsive bidder, the CMPM will notify the Alameda CTC PM and the Commission Engineer. Legal Counsel will be consulted to provide a recommendation to the Commission Engineer, who will make the final determination with respect to accepting or rejecting the bid. For more detailed discussion on additional considerations, refer to LAPM Sections 15.5 and 15.6.

2.5 Bid Rejection

Upon completion of the bid analysis, the Commission Engineer may recommend the rejection of any or all bids. In addition to rejection for non-responsiveness, this may occur, for instance, if all bids greatly exceed the Engineer's Estimate or there is only one bid. The Commission Engineer, in consultation with Legal Counsel, may determine that rejection of any or all bids is in Alameda CTC's best interest. The Commission Engineer will advise the Executive Director of the staff recommendation. Information and recommendations for next steps shall be presented to the Programs and Projects Committee (PPC) and the Commission for approval.

2.6 Notice of Intent to Award

Following the bid analysis, the CMPM will prepare a "Notice of Intent to Award" letter to all bidders for the Commission Engineer's signature. This Notice formally notifies all bidders of Alameda CTC's intent to award the construction contract to the apparent responsible and responsive low bidder and delivery of the Notice marks the beginning of the Bid Protest period. This Notice must be provided to all bidders in accordance with the timelines required by the Bid Protest Procedure included in Appendix B and sufficiently in advance of the target award date.

2.7 Bid Protests

Any prime bidder may submit a Bid Protest within five (5) working days after the bid opening date as specified in the Alameda CTC's Bid Protest Policy available in Appendix B. Bid Protests will be considered and processed in accordance with this Policy. Any Bid Protest which fails to meet the deadlines or criteria set forth in the Policy will be rejected as required by the Policy.

3. Contract Award and Execution

The CMT shall adhere to the applicable rules and regulations listed in Chapter 15, "Advertise and Award Project," of the Caltrans Local Assistance Procedures Manual including the following requirements set forth in this section.

3.1 Contract Award

Following the completion of the bid analysis and resolution of any bid protests or irregularities, the CMPM will prepare a Draft Staff Report for the Alameda CTC PM and Commission Engineer reviews, recommending that the Commission approve the award of the contract to the lowest responsible responsive bidder. The Draft Staff Report will state the contract amount and will authorize the Executive Director to execute the contract in accordance with Section 3.2. The Draft Staff Report also will recommend authorizing the Executive Director to prepare and sign any other documents necessary to execute the contract and discuss the status of the project budget and the construction allotment.

The award of the contract will be placed on the upcoming PPC agenda and, provided the PPC recommends award, the matter will be agendized for the upcoming Commission meeting. However, in the event that the bid analysis and resolution of irregularities cannot be concluded prior to the PPC meeting, staff may bring the contract award item directly to the Commission, or if previously authorized, to the Executive Director.

3.2 Contract Execution

Once the Commission has awarded the contract, the Alameda CTC Contract Administrator, in coordination with the CMPM, will prepare a Notice of Award letter to the selected contractor for the Commission Engineer's signature. This letter will include instructions for the contractor to submit any additional required information, including but not limited to insurance certificates and endorsements, within a specified time frame in order to facilitate the execution of the construction contract.

The Alameda CTC Contract Administrator, with assistance from the CMT, will review all documents submitted by the contractor. When all requirements have been satisfied, the Alameda CTC Contract Administrator will route the contract for approval. Once the contract is fully executed, the Alameda CTC Contract Administrator will distribute the fully executed originals and copies of the contract.

4. Post Award

Post award is defined as the tasks to be performed after award and before and including Notice to Proceed (NTP).

The Alameda CTC Contract Administrator is responsible for ensuring bid security documents are returned to all bidders at the appropriate time.

The CMT shall adhere to the applicable rules and regulations listed in Chapter 16, "Administer Construction Contracts," of the LAPM including the following requirements set forth in this section.

4.1 General

Once the construction contract has been awarded, the CMT has the primary responsibility to administer the construction contract, which includes providing individuals or team members to serve as a Resident Engineer (RE), office engineer (OE), construction surveyors, materials testers, and field inspection staff, as necessary.

The RE will be responsible for setting up the document control and filing system and will also be the focal point of all communications.

The CMT will monitor and verify that all insurance, bonds, and other materials required of the contractor are submitted in a timely manner and are kept current and will be responsible for monitoring the contractor's labor compliance practices. The CMT will communicate the status of the above to the Alameda CTC Contract Administrator.

Following contract award and through contract acceptance, the CMT will be Alameda CTC's primary interface with the contractor. All routine communications with the contractor will be through the CMT, led by the RE. The CMT will coordinate with surveyors, materials testers, and with other stakeholders and project participants, as necessary. The CMT shall also perform a Pre-Construction Survey of the project site to confirm site conditions prior to start of work. This includes documenting the pre-existing conditions of all facilities that have the potential to be affected by the Contract Work. The Pre-Construction Survey may include but is not limited to written descriptions and photographs and/or videotapes that are to supplement pre-construction documentation. The CMT shall follow the rules and regulations listed in Chapter 16, "Administer Construction Contracts," of the Caltrans LAPM, as applicable, and/or other local jurisdiction requirements, if appropriate.

4.2 Pre-Construction Conference

Once the contract has been executed, the Commission Engineer, in coordination with the Alameda CTC PM and the Alameda CTC Contract Administrator, will authorize the RE to issue a Notice of Pre-Construction Conference to the Contractor. The Notice of Pre-Construction Conference may be included in the Notice of Award.

The purpose of the Pre- Construction Conference is to ensure that the contractor is well informed regarding important contract issues, submittals, sanctions for non-compliance with local, state, and federal requirements and other specific project concerns. The Resident Engineer will lead the discussion, and at a minimum, address the following topics: Safety, EEO, Labor Compliance, Subcontracting, Environmental Mitigation requirements, and any potential traffic or pedestrian handling issues. The RE will prepare and distribute the minutes of the meeting within one week of the Pre- Construction Meeting.

4.3 Notice to Proceed

The Alameda CTC Contract Administrator, with concurrence from the Commission Engineer and the Alameda CTC PM, will authorize the RE to issue an NTP to the contractor. The NTP will establish the start date for construction and the projected completion date based upon the number of

allowable days stated in the contract (the basis to calculate any liquidated damage penalties). The contractor is expected to start work within the timeframe specified in the contract.

4.4 Prepare Quality Management Plan

Prior to the start of construction, the CMPM will utilize the Alameda CTC's Quality Assurance Program (QAP) as a guide to develop a project specific Quality Management Plan (QMP). The QMP shall be submitted to the Commission Engineer for review and approval.

5. Construction Phase

The CMT shall adhere to the rules and regulations listed in Chapter 16, "Administer Construction Contracts," of the Caltrans LAPM, as applicable, including the following:

5.1 General

During the construction phase, Alameda CTC's responsibilities under the construction contract will be administered and/or monitored primarily by the CMT. The CMT shall develop a communication plan to ensure stakeholders are kept informed and issues are addressed in a timely manner.

Partnering is encouraged, whether formal or informal, on all projects. Formal partnering can be most effective on large or complex projects that require the careful coordination of construction activities between groups of stakeholders, with potentially competing goals and objectives, to obtain the project results desired. If formal partnering is employed on a project, all partnering costs are shared equally between Alameda CTC and the contractor. The Alameda CTC PM will determine if formal partnering is warranted.

5.2 Construction Progress Meetings

The CMT will conduct weekly Construction Progress Meetings with the contractor, Alameda CTC PM and affected agency/jurisdiction stakeholders, as appropriate. Other members of the project team will be included on an "as needed" basis. The objective of these meetings is to keep the project on track by reviewing the schedule, coordinating upcoming work, update status on submittal and RFIs and resolving issues as quickly and economically as possible.

5.3 Progress Payments and Reporting

The contractor shall submit a request for payment with all supporting documentation on a monthly basis. Upon review, verification and approval, the RE will prepare and submit a construction progress payment estimate (PPE) request to the Alameda CTC PM in the format shown in Appendix F for approval. Unless otherwise specified in the contract, upon the RE's determination that the contractor's PPE request is complete, Alameda CTC shall issue payment within 30 days.

The CMT will prepare a monthly status report which includes 1) status of the construction contract and work completed 2) anticipated major activities in the month ahead 3) each CCO approved since the last report with a cost of \$50,000 or greater or a time extension greater than 20 working days or 10% of the original contract time, whichever is greater; number of working days by reason of weather do not apply; 4) the overall status of CCOs; and 5) the status of the project budget. See Appendix F for a report sample and log of approved, submitted and anticipated CCOs. The CMT will also provide the Alameda CTC PM with a cash flow projection through the completion of the project and will manage construction risks through active monitoring and reporting of construction risks listed on the project's risk register.

5.4 Public Outreach

When deemed appropriate by the Alameda CTC PM, the CMT will provide a public outreach program which may include, the establishment and monitoring of a hotline; flyer mail-outs notifying nearby residences and businesses of changes in traffic flow, detours, lane closures, night work and overall status of the project; press releases to describe the general progress of work; and community meetings to address specific construction impacts and concerns. Each project will require public outreach tailored to the project's scope, location and impact on the community.

5.5 Alameda CTC Notification of Extraordinary Circumstances

In the event of a significant safety event, such as an unforeseen utility issue, private property encroachment, or other issues of public safety or concern, the CMT will notify the Commission Engineer immediately of the incident and will email and provide hard copies of any incident reports to the Commission Engineer, as soon as they are available. The CMT will keep the Commission Engineer apprised of the progress of resolution, as appropriate. Verbal notification is acceptable; however, must be followed with formal written communications and documentation. If the media becomes involved, all dealings with the media will in accordance with Alameda CTC procedures for dealing with the media.

5.6 Contract Change Orders

CCOs will be negotiated in compliance with the contract and the specifications.

The RE will submit with each CCO, a CCO Memorandum which contains a more complete discussion of the issue and its ramifications. The memorandum is intended for interagency use and should be sufficiently detailed to explain and justify the change and such that an auditor should be able to read and independently understand the reasons for the work and the reasonableness of the compensation and time adjustments.

The Alameda CTC PM will review the CCO and CCO Memo and certify that there is sufficient funding within the construction allotment for the CCO. In addition to approval by the Commission Engineer, approvals, concurrence, or notifications may be required from funding and/or permitting agencies. A sample of the CCO and CCO memo are shown in Appendix F.

5.7 Resolution of Disputes

If a dispute arises, the process for resolution of the claim will be in accordance with the contract language and the special provisions. Alameda County Transportation Commission will make every effort to resolve claims fairly and expeditiously. The Alameda CTC has the option of considering one or more claims resolution processes for inclusion in the contract documents:

1. Caltrans claims resolution process
2. Mediation
3. Arbitration
4. Dispute Review Board

Some of the above processes are explained in detail in the Caltrans Construction Manual, Section 5-4 "Disputes".

5.8 Authorized Budget Amount Increases

The CMT will be responsible for maintaining records of the actual or expected costs of all approved, pending and potential CCOs and all potential claims and trend information to forecast potential overruns in budget or schedule. On a monthly basis, the CMT will report to the Alameda CTC PM the expected combined cost of these items and the base contract.

The CMT will be held accountable to the construction capital contingency established at the time of award. When the Estimate at Completion exceeds 10% of the construction allotment, the CMPM shall notify the Alameda CTC PM and provide a plan to bring the project within cost or recommend an increase to the allotment. In the event project contingencies are inadequate, the Alameda CTC PM shall inform the Commission and provide details on options available to complete the project.

5.9 Construction Staffing

Based on the size and complexity of the project, the Alameda CTC PM shall determine the staffing required to effectively manage the project.

Typically, a project will have a CMPM, an RE, an Assistant RE, an OE, and at least one inspector. For smaller projects, some roles may be combined as follows: CMPM/RE and Assistant RE/OE/Inspector.

At the discretion of the Alameda CTC PM, any or all of the roles on a project may be deemed non-essential and eliminated or reduced to part-time support.

5.10 Materials Testing

Alameda CTC does not have in-house resources for testing and inspection of materials. Provision of such services and requirements of the QAP (Appendix C) must be arranged prior to advertising a project and addressed appropriately in the construction documents.

5.11 Surveying

Construction activities may require coordination with the Design Consultant to capitalize on work products that could be used for the closeout of the Project.

6. Construction Close-Out

The CMT shall adhere to the applicable rules and regulations listed in Chapter 17 "Project Completion" of the Caltrans LAPM including the following:

6.1 Safety Review

Near the completion of the project prior to acceptance, a review of the project will be held with the focus on safety issues associated with the newly constructed facility. The review will be led by the RE and may include the Design Consultant, and other representatives from the facility owners (e.g. Caltrans, Cities, Operators, Utilities, etc.). Items of concern that the parties agree need to be addressed will be documented and resolved to the satisfaction of all parties.

6.2 Substantial Completion and Final Inspection

When the contract work nears substantial completion, the RE will schedule a final inspection of the project. Participants, at a minimum, will include the Alameda CTC PM, CMT, the jurisdiction(s) with the ultimate ownership/maintenance/operations responsibilities, and the contractor. The RE will develop a punch list and transmit it to the contractor with copies to all participants and interested stakeholders. All items on the punch list must be addressed prior to contract acceptance.

6.3 Project Acceptance and Final Payment

Once the contractor has satisfactorily completed all punch list items and has completed all project closeout requirements in accordance with the contract, the RE will notify the Alameda CTC PM. The

RE in coordination with the Alameda CTC PM, will confirm that the contract work has been completed to the satisfaction of the affected agencies, and request a relief of maintenance and closeout with the permitting agencies. On larger more complex projects, relief of maintenance may be granted by a jurisdiction as major milestones are completed. No further actions will proceed towards project closeout until the project is formally accepted in writing by all the permitting agencies. The RE, in conjunction with the contractor, will then prepare and forward the final pay request to the Alameda CTC PM for processing and final payment. The final payment should also include the appropriate final utilization reports (e.g. SBE, LBE, DBE, etc.) as may be required by the funds used for the contract. Prior to recommending final payment to the prime contractor, the Alameda CTC PM will consult with the Commission Engineer and/or legal counsel to ensure all matters are fully resolved.

The Alameda CTC Contract Administrator will review the contract to ensure that all contractual obligations have been met. Upon completion of all reviews, the CMT will prepare a Staff Report recommending contract acceptance by the Commission.

6.4 Release of Retention

Within ten days following notice to the Contractor that Alameda CTC has accepted the contract work as complete, the Alameda CTC Contract Administrator will record a Notice of Completion (NOC) with the County Recorder.

At the expiration of the statutory period, following publication of the NOC, if no Stop Notices have been filed against the project, the Commission Engineer will authorize the release of the contractor's retention, in accordance with the specifications. The contractor can request release of retention in a phased fashion for the Commission Engineer's consideration. If any liens have been filed, the Commission Engineer, will authorize the release of the contractor's retention less the amount of all liens and will refer the matter to the Alameda CTC's Legal Counsel for resolution.

6.5 Project Completion Report

At the conclusion of the project, the CMT will prepare and submit a Project Completion Report, in accordance with the LAPM and all applicable closeout forms and documentation.

The CMT will also prepare closeout submittal binders with all project related files, documents, warranties, guarantees, installation manuals, operating manuals, and keys and provide the binders to the appropriate jurisdiction stakeholders and/or facility maintenance staff. All project documents shall be transferred to Alameda CTC within 90 days of acceptance of the Project Completion Report.

The above project documentation shall be stored in accordance with Alameda CTC's Retention Policy.

7.0 Project Closeout

The Alameda CTC PM with assistance from the Design Consultant and CMT will ensure that all project close-out activities are completed, including but not limited to:

1. Completion of As Built plans
2. Report of Final Expenditures
3. R/W acceptance
4. Permit compliance and certification
5. Documentation of Lessons Learned

Appendix A - Sample CM Scope of Work

Services related to Construction Administration

CONSULTANT shall generally provide resources to ensure projects are constructed in accordance with the Plans, Specifications, and Estimates (PP&E) and compliance with laws, funding requirements, and other project constraints. Anticipated resources include Resident Engineer, Assistant Resident Engineer, Office Engineer, Qualified Inspectors (e.g.: Materials, Electrical, Structural, Roadway), Scheduler, Public Information Officer, Construction Staking, Materials Inspection, and Claims Expert to effectively administer the project through completion of the project.

1. Perform field inspection activities, monitor contractor's performance and enforce all requirements of applicable codes, specifications, and contract drawings.
2. Perform all construction administrative activities, including correspondence, construction phase records (e.g. diaries, requests for information, notice of potential claims, statement of working days, project photos), accounting and document control.
3. Manage job site safety.
4. Review and monitor the construction schedule. Develop alternative schedules to expedite the work, monitor and evaluate the contractor's progress, and evaluate construction claims.
5. Review submittals (e.g. falsework, detours and staging plans) from the contractor and oversee the submittal process including obtaining necessary approvals from the designer and other impacted stakeholders as may be required (e.g. Caltrans, jurisdiction, permit agencies).
6. Evaluate, negotiate, recommend, and prepare change orders.
7. Prepare and recommend progress payments.
8. Perform Labor Compliance and Field Reviews to ensure compliance. May also include Review of Contractor's Certified Payroll, Labor interviews, etc.
9. Ensure contractor's compliance with the requirements of the state and local agencies, including encroachment permits, business licenses, regulations, etc. Provide proactive on-site coordination with utility owners (e.g. PG&E, AT&T, and UPRR) and construction contractors. Coordinate installation and testing services with the utility owners and contractors, as needed.
10. Implement Alameda CTC's QAP and ensure all reports, calculations, measurements, test data and other documentation on forms specified by or otherwise acceptable to Caltrans and Alameda CTC.
11. Schedule, manage, perform and document all field and laboratory testing services. Material testing shall conform to the requirements and frequencies as defined in the Caltrans Construction Manual and the Caltrans Materials Testing Manuals.
12. Provide final inspection services, including testing and installed facilities.
13. Provide specialty material testing and source inspection & testing required for materials and equipment manufactured off-site.

14. Prepare the red-lined as-built plans and ensure that the red-line changes are incorporated by the design engineer into the final electronic version of the as-built plans.
15. Procure agency-furnished items to minimize schedule and cost impacts to the project.
16. Obtain and manage storage, control inventory, and release of materials to contractors in a secure and timely fashion.
17. Perform project closeout activities, including preparation of the final construction project report, and filing of the notice of completion as necessary.
18. Host and/or facilitate meetings including preparation of all materials and staffing as may be required (e.g. Contractor progress meeting, Partnering Sessions, Stakeholder progress meetings and/or field visits, resource agency site visits, and outreach to impacted property owners/communities).

Equipment/Tools/Supplies/Facilities/Special Considerations

1. As may be required, secure a facility and all necessary equipment (e.g. copier, desks), nearby the project site to accommodate the CMT. This may be considered as reimbursable other direct costs if not already included in CONSULTANT overhead.
2. CONSULTANT shall provide the necessary equipment, tools and supplies to provide the required services. This may include cell phones, laptops, vehicles equipped for construction activities, laths, manuals, office supplies, safety gear, etc. These may be considered as reimbursable other direct costs if not already included in CONSULTANT overhead.
3. As may be required, CONSULTANT shall secure special permits, fees, and insurance to access worksite (e.g. Union Pacific Railroad).

Availability: The CMT shall be generally accessible during Alameda CTC's hours of operation and as dictated by the Contractor's activities which may be conducted at night and during weekends and/or holidays.

Appendix B: Alameda CTC Bid Protest Procedure

1. Bid Protest Procedure

1.1 Application

The Bid Protest Procedure shall apply to Bid Protests, as such term is defined herein, relating to all contracts for construction of public works projects and associated procurements that are to be awarded by the Alameda County Transportation Commission (Alameda CTC) by competitive sealed bid.

1.2 Definitions

For the purpose of this procedure, the following definitions apply:

- a) "Alameda CTC" means the Alameda County Transportation Commission, which is located at 1111 Broadway, Suite 800, Oakland, CA 94607.
- b) "Bid Protest" means a protest filed by a Bidder on a contract in accordance with the provisions of this Policy, which protest (i) claims that one or more Bidders on the contract should be disqualified or rejected for any reason; (ii) contests an Alameda CTC staff recommendation to award the contract to a particular Bidder; or (iii) contests an Alameda CTC staff recommendation to disqualify or reject the Protesting Bidder. Only a Bidder on a Contract or such Bidder's authorized representative may file a Bid Protest.
- c) "Bidder" means any person or firm that submits a bid on a Contract.
- d) "Contract" means any applicable contract as described in Section 1 of this Policy.
- e) "Protested Bidder" means a Bidder on a Contract which the Bid Protest claims should be disqualified or rejected.
- f) "Protesting Bidder" means a Bidder on a Contract, or such Bidder's authorized representative, who files a Bid Protest on the Contract in accordance with the provisions of this policy.
- g) "Working day" means a regular working day, excluding Saturdays, Sundays and holidays observed by the Alameda CTC.

1.3 Notice Procedures

All notices and other communications required or desired to be given under this Policy shall be in writing and shall be deemed duly given: (a) when delivered, if personally delivered to the recipient; (b) on the first working day following delivery to an overnight delivery service (e.g., FedEx), provided delivery is confirmed by the delivery service; and (c) on the earlier of actual receipt or two (2) working days following deposit in United States registered or certified mail, postage prepaid and return receipt requested, addressed to the parties as set forth below.

Additionally, in the case of notices sent by Alameda CTC, notices shall also be deemed duly given when transmitted by facsimile during normal business hours, provided such facsimile device is capable of generating a written confirmation of such transmission and receipt and an original is deposited in first class mail, postage prepaid, within one (1) working day thereafter addressed as set forth below.

Notices addressed to the Alameda CTC under this Procedure must be addressed and delivered to the Alameda CTC as provided below:

BID PROTEST – CONTRACT NUMBER
c/o Alameda CTC Contract Administrator
Alameda County Transportation Commission
1111 Broadway, Suite 800, Oakland, CA 94607

Notices sent to any bidder under this Procedure shall be sent to the notice or business address and facsimile number set forth in such bidder's bid package. Any bidder may change its address for notices by giving written notice to the Alameda CTC in the manner set forth above.

2.4 Form of Bid Protest

Any Bid Protest shall be in writing and shall provide the name, address, telephone number, and facsimile number of the Protesting Bidder and shall identify the Contract to which the Bid Protest pertains, including the Contract number and the date that bids for such Contract were received by the Alameda CTC. The Bid Protest shall identify and explain the factual and legal basis for the protest, and shall include by attachment to the Bid Protest, any written material that the Protesting Bidder wishes to have considered in connection with the protest. Any Bid Protest that fails to meet these requirements shall not be considered.

2.5 Submission of Bid Protest to the Alameda CTC

Any Bid Protest must be received by the Alameda CTC no later than 4:00 PM on the fifth (5th) working day following receipt by the Protesting Bidder of written notice from the Alameda CTC's issuance of the Notice of Intent to Award. Bid Protests received by the Alameda CTC after the deadline or which do not otherwise comply with the requirements of this procedure shall not be considered. Bid Protests shall be submitted to the contact and address specified in Section 3, Notice Procedures (except as may otherwise be stated in the Notice of Intent to Award the Bid).

2.6 Investigation by Staff

If a Bid Protest is properly filed, Alameda CTC staff will promptly provide a copy thereof to the Protested Bidder. The Commission Engineer, the Alameda CTC Project Manager, the Alameda CTC Contract Administrator and the Construction PM will thereafter review the facts and circumstances of the protest. Upon request from staff, each Bidder shall promptly provide additional information necessary for staff to conduct its review of the Bid Protest. Staff may, but shall not be obligated to, hold a meeting or meetings in order to obtain additional information and to seek to resolve the matter. In such event, staff shall give notice to the Protesting Bidder and the Protested Bidder, indicating the time and place of the meeting, which notice may be provided by facsimile. If the Protesting Bidder fails to attend any meeting following not less than three (3) working days' notice, the Bid Protest will be deemed withdrawn and shall no longer be considered by the Alameda CTC.

2.7 Response to Bid Protest

At the conclusion of its review, the Alameda CTC Contract Administrator, in coordination with the Alameda CTC PM and Construction Project Manager, will provide the Protesting Bidder and the Protested Bidder written notice of the staff's recommendation with respect to the Bid Protest, which notice will include a statement of staff's recommendation and a clear explanation. The notice may be given by facsimile. No later than 4:00 P.M. on the third (3rd) working day following the date such notice is received, if either Bidder has an objection to the recommendation, such Bidder shall provide written notice to the Alameda CTC requesting a hearing on the Bid Protest. If no such notice is

received, the recommendation of the staff shall be deemed accepted by the parties, and the recommendation shall be forwarded to the Alameda CTC Commission for action.

If a request for hearing is received in accordance herewith, the matter shall be referred to a Bid Protest Panel consisting of three persons knowledgeable with respect to matters related to public contracts and bid protests, and at least one person shall not be Alameda CTC staff. The Executive Director shall select the panel members and designate one panel member as the Chair. The Executive Director will endeavor to pick panelists that do not have, or have not had, financial interest or employment with either the Protesting Bidder or Protested Bidder within the past 5 years. The Chair of the panel shall promptly convene the panel to hear the Bid Protest. The Protesting Bidder and the Protested Bidder shall be provided a minimum of five (5) working days' notice of the time and place of the hearing.

The Bid Protest and staff's recommendation regarding the Bid Protest shall be submitted to the Panel for consideration at the hearing. Following the hearing, the Panel shall do one of the following:

- a) Accept the recommendation of staff as submitted,
- b) Amend the staff recommendation, or
- c) Recommend the rejection of all Bids.

The decision of the Panel is final with respect to the disposition of the Bid Protest. The Panel's recommendation will be forwarded to the Commission. Thereafter, the Alameda CTC Commission's role is limited to either awarding the contract as recommended by the Panel or rejecting all Bids.

Appendix C: DBE Review Process

The Employee in Responsible Charge will evaluate the GFE for any of the three apparent low bidders that did not achieve the DBE goal specified in the contract. A report shall be prepared in the format and instructions contained in **Exhibit 9-E “Sample Evaluation of Good Faith Efforts”** of the LAPM. The report shall be reviewed and approved by the Alameda CTC Executive Director or designee.

Administrative Review and Reconsideration

If it is determined that the apparent successful bidder has failed to meet the DBE goal and the GFE requirements, the apparent successful bidder will have the opportunity for administrative reconsideration in accordance with 49 CFR 26.53 as follows:

1. The apparent successful bidder must provide written documentation or argument concerning the issue of whether it met the goal or made adequate good faith efforts to do so within five working days of notification by Alameda CTC that it has failed to meet the GFE requirements.
2. The reconsideration will be made by Alameda CTC staff designated by the Executive Director that did not take part in the original determination that the apparent successful bidder failed to meet the goal or make adequate good faith efforts to do so.
3. The apparent successful bidder will have the opportunity to meet in person with the reviewer to discuss the issue of whether it met the goal or made adequate good faith efforts to do so.
4. The apparent successful bidder will be provided a written decision on reconsideration, explaining the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so.
5. The written decision on reconsideration is deemed final and not appealable as a Bid Protest or in any other form.

Appendix D: Alameda CTC Quality Assurance Program



Quality Assurance Program

1.0 Purpose

This Quality Assurance Program (QAP) is a sampling, testing and inspection program that will provide assurance that the materials and workmanship incorporated into the Alameda County Transportation Commission (Alameda CTC) street and highway construction projects are in conformance with the contract specifications.

The main elements of the QAP are procedures for:

- Inspection of workmanship and materials
- Acceptance Testing (AT)
- Independent Assurance Sampling and Testing (IAST)
- Testing of Manufactured Materials

This QAP will guide the development of a project specific QAP for each construction contract administered by the Alameda CTC. This QAP should be updated every five years or more frequent if there are changes to the testing frequencies or to the tests themselves. Changes to this QAP required by state and federal regulations shall be deemed incorporated herein.

2.0 Applicability

Alameda CTC administered projects that are:

2.1 On- National Highway System (NHS) projects are governed by Caltrans QAP detailed in the following manuals and guides:

- **Construction Manual**
- **Construction Manual Supplement for Local Agency Resident Engineers**
- **Local Agency Structure Representative Guidelines**
- **Independent Assurance Manual**

Additionally, the Caltrans Standard Specifications (CTSS) must be part of the (PS&E). Test methods used must be as specified in the CTSS and special provisions.

2.2 Off-NHS, federally funded projects are governed by the procedures in this QAP. Its use is mandatory for Federal-aid projects and is recommended for other Alameda CTC street and highway projects. This local QAP is based upon the requirements for local QAPs contained in the aforementioned Section 16.11. Federally funded projects that mix on-and-off-NHS sites will utilize the Caltrans QAP.

3.0 Responsibilities of Implementation

This QAP does not supersede any provisions in the technical specifications. The Alameda CTC Project Manager, with assistance from the Alameda CTC's Consultant Construction Management Team, will ensure that a project specific QAP is prepared and on file for the project.

The Resident Engineer (RE) will ensure that the correct criteria is used as specified in the contract and that any changes must be reflected in an approved CCO.

The Commission Engineer will ensure that Alameda CTC project delivery staff and consultants apply this QAP and that the QAP is updated as required and fulfills the requirements stated in Chapter 16 – Administer Construction Contracts of the Caltrans Local Assistance Procedures Manual (LAPM) that each local agency must adopt a QAP that has been reviewed by the Caltrans District Local Assistance Engineer for federal-aid projects off the National Highway System. Caltrans will not process a Request for Authorization for Construction without verification of an adopted QAP.

4.0 Testing Required

This local QAP describes procedures for three types of required testing, described as follows:

- a. Acceptance Testing – procedures for regular testing of materials entering a construction project to verify that the materials, or products, comply with contract specifications or standards.
- b. Independent Assurance Sampling and Testing – procedures to verify that acceptance testing is being performed correctly by:
 - 1) Verifying that equipment used for acceptance is properly calibrated and in good working condition.
 - 2) Witnessing sampling and testing by the Acceptance Tester.
 - 3) Splitting material samples and comparing the test results between the Acceptance Tester and Independent Assurance Sampler and Tester.
- c. Testing of Manufactured Materials – procedures for inspecting, accepting and testing of manufactured and prefabricated materials either by source inspection, job site inspection, or certificate of compliance.

5.0 General Procedures and Requirements

Sampling and testing shall follow these general procedures:

- 5.1 **Construction Documents.** Alameda CTC does not have in-house resources for testing and inspection of materials. Provision of such services and requirements of this QAP must be arranged prior to advertising a project and addressed appropriately in the construction documents.

5.2 **Sampling and Testing Options.** Alameda CTC may select from the following sources to perform sampling and testing:

- Another agency's laboratory
- Caltrans' laboratory
- Private consultant laboratory

Non-Caltrans laboratories shall have a QAP that meets LAPM-16.11 requirements.

5.3 **Engineering Charge.** All laboratories shall be under the responsible engineering management of a California registered professional engineer who shall certify results of tests performed under his/her supervision.

5.4 **Contractor Influence.** The contractor shall not select or exercise any authority over the laboratory utilized.

5.5 **Certification of Laboratory Personnel.** The certification requirements of LAPM-16.11 shall apply. Generally:

- Current certification is required for the following sampling and testing personnel: construction management/inspection, local agency, and consultant laboratory.
- For on-NHS projects, certification shall be a "Certificate of Proficiency for an Acceptance Tester" (MR-0111), issued to an individual by the Caltrans District Materials Engineer or his designee, based either on Caltrans training, or on submittal of evidence of non-Caltrans training, experience or certification such as the "National Institute for Certification in Engineering Technologies" (NICET).

For off-NHS projects, certification of personnel for AT and IAST shall be either Caltrans (MR-0111 or MR-0100), NICET, or certificate with equivalent information as found on form MR-0111.

- Certificates for personnel on a project shall be retained in the Resident Engineer's (RE) project files.

5.6 **Laboratory Equipment Calibration.** Alameda CTC shall obtain documentation of consultant laboratory's calibration of its equipment in accordance with LAPM-16.11 and nationally recognized calibration standards. The laboratory is responsible for performing the calibrations and providing such records to Alameda CTC. Calibration records shall be provided to the Caltrans District Materials Engineer upon request.

Calibration of laboratory equipment and field test equipment (e.g. sand cones, scales, moisture test, slump cones, air meters) shall occur prior to use on a construction project and on regular, appropriate intervals not exceeding one year.

5.7 **Cost Recovery.** Materials testing and sampling costs are eligible to be charged to the construction engineering phase of the project.

- 5.8 **Buy America Certification.** Steel and iron products incorporated into the project must comply with Buy America requirements of the Code of Federal Regulations.
- 5.9 **Compliance.** Failure to comply with the local agency QAP may result in loss of Federal funds.
- 5.10. **Records.** Alameda CTC's and CMT's QAP material records of samples and tests, material releases, and certificates of compliance for a project shall be incorporated into the RE's project file. For Federally funded projects, records must be available for inspection by Caltrans and FHWA for a period of three years after the date of the last reimbursement received.
- 5.11 **Project Certification.** Upon project completion, the RE shall complete and sign a "Materials Certificate" (Caltrans LAPM Exhibit 17-G). The Certificate shall be submitted to the Caltrans Local Assistance Engineer (for Federally funded projects) and retained in the project construction files. All non-conforming materials must be explained and justified on the Certificate.

6.0 Acceptance Sampling and Testing

- 6.1 **Definition.** Acceptance Testing ("AT") is defined as regular testing of materials entering a construction project to verify compliance with contract specifications or standards.
- 6.2 **Timing.** Sampling should begin as soon as materials are placed on a project. Testing should be performed promptly to enable data evaluation and necessary measures to be taken by the RE and contractor.
- 6.3 **Test Methods.** Both California and American Society of Testing and Materials (ASTM) test methods are acceptable.
- 6.4 **Frequency.** Sampling and testing shall occur in accordance with Caltrans "Frequency Tables" (LAPM Exhibit 16-R), except as modified in writing by the Agency Engineer for a specific project. The tables are intended as a guide; the actual quality of materials tested may justify decreasing or increasing the frequency of subsequent similar samples and tests.
- 6.5 **Tests to be Performed.** The tests to be performed shall be in accordance with Caltrans "Sampling and Testing Frequency Table" (LAPM Exhibit 16-R), and the Caltrans Standard Specifications as modified by the project Special Provisions, or as modified by an approved CCO.
- 6.6 **Test Result Reporting Guidelines.** Results should be submitted to the RE within three (3) working days of sampling, or as directed by the construction schedule. Results may be expedited by using fax, telephone, or e-mail.
- 6.7 **Test Data and Summary Logs.** Acceptance Testing Results Summary Log (LAPM Exhibit 16-Z2) or a similar form shall be maintained by the RE for each test method performed more than once.

6.8 **Minor Quantities.** Relatively minor quantities of materials from a known, reliable source may be accepted without testing if:

- a. The Resident Engineer (RE) and/or the CMT performs visual examination of materials, or
- b. The manufacturer or supplier certifies that the materials furnished comply with specification requirements.

Such records of acceptance shall be placed in the RE's project files with related inspection notes.

Examples of maximum "minor quantities" include (from LAPM-16.11):

- Aggregates used for other than Portland Cement concrete: 100 tons per day or 500 tons per project.
- Bituminous mixtures (includes Hot Mix Asphalt): 50 tons per day (sample at Engineer's discretion if project total is less than 500 tons).
- Bituminous material (includes Asphalt): 100 gallons per project.

6.9 **Re-testing.** Failing test results require re-testing to isolate the failed area. The Log Summary shall cross-reference the retest to the initial failed test.

7.0 Independent Assurance Sampling and Testing (IAST)

7.1 **Definition.** The purpose of these procedures is to verify that Acceptance Testing is being performed correctly and reliably, and to ensure that equipment is properly calibrated and in good working condition.

7.2 **Applicability.** IAST procedures are required for Federally funded projects on and off the NHS system. For on-NHS projects, LAPM-16.11 procedures apply. For off-NHS projects, Alameda CTC Project Manager will verify that its consultant laboratory's QAP includes IAST procedures for "testing its own testers". IAST procedures are optional and may be required at the discretion of the Agency Engineer for non-Federally funded projects.

7.3 **IAST Testers.** Only persons holding an Independent Assurance Sampler Tester (IAST) Certificate (Caltrans Form MR-0100) may perform IAST. These may include individually certified laboratory personnel or testers. Testers shall be free of conflict of interest if also performing other testing work.

7.4 **Frequency of IAST.** The IAST frequency shall be as specified in the laboratory's QAP for each project where IAST is required.

8.0 Testing of Manufactured and Assembled Materials

8.1 **Definition.** This procedure provides methods for inspecting, accepting, and testing materials that are manufactured or prefabricated off the project site.

- 8.2 **Certificate of Compliance.** The Alameda CTC may accept manufactured products, materials, or assemblies if accomplished by a Certificate of Compliance, provided they do not involve structural integrity or public safety. Such Certificate shall be signed by the manufacturer and shall state that materials and workmanship conform to the specific project specifications.
- 8.3 **Source Inspection.** As an alternative to a Certificate of Compliance, Alameda CTC or Its CMT, may request Caltrans to do a Source Inspection in accordance with LAPM-16.11 procedures.
- 8.4 **Applicable Materials.** Contract documents shall specify which materials require a certificate of Compliance (or optional Source Inspection). Typical materials are listed in LAPM Exhibit 16-T.
- 8.5 **Responsibility.** The RE and/or CMT shall ensure that Certificates are furnished with material deliveries and are kept in the RE's project files.
- 8.6 **Documentation.** The certified material's lot number and project number shall be identified on the certificate and on lot tags or stenciled on the material. In addition, this data shall be referenced on the inspector's daily logs and laboratory reports.
- 8.7 **Re-testing.** Certified materials may be sampled and tested again on the job site and rejected for cause whether in place or not.

9.0 References and Guides

The following documents provide more detailed guidance and examples for consideration in the development of the project specific QAP:

- Construction Manual, Chapter 6 – Sampling and Testing
- Construction Quality Assurance Program Manual
- Division of Construction Publications
- Office of Structural Materials - Local Agency Resources
- Office of Roadway Materials Testing Independent Assurance Program

Local Agency Approval



ARTHUR L. DAO, P.E.
Executive Director
Alameda County Transportation Commission

Approved by Caltrans: September 2018

Appendix E – Builders Exchange Plan Room Listing

Alameda CTC advertises its construction opportunities with eBidBoard (www.ebidboard.com). Additionally, to ensure the broadest reach to contractors, including SBE/DBE/WBE, notifications will be sent to Builders Exchange Plan Room as listed below.

Builders Exchange Plan Room	Phone	Contact/Email
Contra Costa Builders Exchange 2440 Stanwell Dr., Suite B Concord, CA 94520	925-685-8630	April Hamilton Richard@beac.com
Builders Exchange Alameda County 3055 Alvarado Street San Leandro, CA 94577	510-483-8880 510-352-1509	Richard Owen Richard@beac.com
San Francisco Builders Exchange 850 So. Van Ness Avenue San Francisco, CA 94110	415-282-8220 415-821-0363	Deanna Johnson djohnsonsf@sbcglobal.net
Peninsula Builders Exchange 735 Industrial Road, Suite 100 San Carlos, CA 94070	650-591-4486 650-591-8108	Andrea Nettles Support@constructionplans.org
Builders Exchange Santa Clara 400 Reed Street Santa Clara, CA 95050	408-727-4000 408-727-2779	Kanani Fonseca plans@bxsc.co.com
Marin Builders Association 660 Las Gallinas Avenue San Rafael, CA 94903	415-462-1220 415-462-1225	Diane Van Renselaar Charge to advertise - \$80/wk
Solano - Napa Builders Exchange 135 Camino Dorado Napa, CA 94558	707-255-2515 707-255-2749	Dave York planroom@snbe.com
Builders Exchange Sacramento 1331 T Street Sacramento, CA 95814	916-442-8991 916-446-3117	Cheryl Lynch yelenam@sacregionbx.com
Sacramento Builders Exchange 151 N. Sunrise Ave., Suite 511 Roseville, CA 95678	916-782-4762 916-782-4792	Rosie Kimes Closed office
Placer County Builders Exchange 10656 Industrial Ave., Suite 160 Roseville, CA 95678	916-771-7229 916-771-0556	Dianne Barnao planroom@placrbx.com
Builders Exchange Stockton 7500 West Lane Stockton, CA 95210	209-478-1005 209-478-2132	Janette Luna jluna@besonline.com
Valley Builders Exchange 1118 Kansas Avenue Modesto, CA 95351	209-522-9031 209-522-0616	Angelica Baca habowden@valleybx.com

Builders Exchange Plan Room	Phone	Contact/Email
McGraw Hill – Xerox 3315 Central Avenue Hot Springs, AR 71913	916-797-1006 626-226-4027	Sue Schoen dodge_reocwe@mcgraw-hill.com
iSqFt 325 W. Washington St., Ste. 2212 San Diego, CA 92103	800-364-2059 866-570-8187	Michael Huston California@isqft.com

This information is current as of the publication date.

Appendix F – Sample Templates

Below is a list of sample forms to be utilized by Alameda CTC staff in construction contract administration:

- Notice to Contractors (NTC)
- Bid Summary
- Construction Progress Payment Request
- Construction Change Order Form
- Construction Change Order Memo
- CCO Log

NOTICE TO CONTRACTOR (NTC)



INVITATION FOR BID (IFB No. AXX-XXXX)

PROJECT NAME
PROJECT No. XXXX.XXXX
Federal Project No. XXXX

The Alameda County Transportation Commission (Alameda CTC) invites bidders to submit sealed bids for **PROJECT NAME** until 3 p.m. on **DAY DATE** at the Alameda CTC's offices (1111 Broadway, Suite 800, Oakland, CA 94607).

A pre-bid meeting will be held at the Alameda CTC's offices (1111 Broadway, Suite 800, Oakland, CA 94607) at **TIME a.m./p.m.** on **DAY DATE**. Attendance **is/is not mandatory**.

Contract documents and other reference documents are available through Alameda CTC's website at <https://www.alamedactc.org/get-involved/contracting-opportunities/>.

Click on the link under the **PROJECT NAME** section to access the documents from Construction Bidboard's on-line plan room (ebidboard). Prospective Bidders must acquire the Contract Documents at ebidboard via Alameda CTC's website link. **This project has an x% DBE/SLBE/LBE goal.** For additional information, please visit the Alameda CTC website or email NAME, Alameda CTC Contract Administrator, at xxxxxxx@alamedactc.org.

BID SUMMARY

BID TABULATION SUMMARY SHEET (SAMPLE)

Project Information: _____
DIST-----CO-----RTE-----PM-----Agency

Federal Project Number: _____

Location: _____

Limits: _____

Bid Opening date: _____ Estimated Award date: _____		Engineers Estimate		Bidder # 1 Name		Bidder # 2 Name		Bidder # 3 Name	
Item #	Bid Item & Quantity	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
Total Bid									

Distribution: For NHS projects: (1) Original-Caltrans DLAE, (2) Copy - Local Agency Project File
For Non-NHS projects: None

CONSTRUCTION PROGRESS PAYMENT REQUEST

CMT LETTERHEAD
TRANSMITTAL MEMO

Date:

To: Alameda CTC PM

RE: Project Name

Contract No./Federal No.

Contractor Name/ Payment Request No. _____

I have reviewed the Progress Billing statement from Contractor for the period of DATE to DATE and verified the quantities are correct and substantiated. A summary of contract matters during this period is provided below.

Items	Verified	Issues	Resolution/Notes
Certified Payroll			
Safety Issues			
Safety Meetings			
Potential Claims			
Change Orders			
DBE/LBE			
Other			
Other			
Notes:			

I am recommending the payment be made as detailed in the attached Progress Pay Estimate Summary.

Resident Engineer

File:

Pay Estimate #1

PROJECT NAME
Contract Number:
Federal Number:
Contractor:
Pay Period:

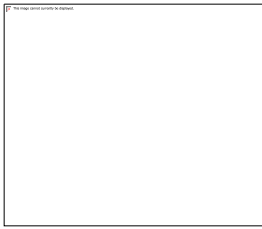
Paid to date: _____
Retention to date: _____
Retention this period: _____
Payment this period: _____

Item	Item	QTY	Units	Unit Price	Total	Previous		Completed to Date		Current	
						Qty	Amount	Qty	Amount	Qty	Amount
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Total contract:					\$ -						

	\$ -
Less Retention (___%)	\$ -
Total Progress Payment	\$ -

Approved by: _____
Resident Engineer

Date: _____



Alameda CTC Project Name

Contract No. _____

Federal Number: _____

CONTRACT CHANGE ORDER NO. #

Page # of #

To: _____, Contractor

You are hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on this contract.

NOTE: This change order is not effective until approved by Alameda CTC.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the Bid Item List.

Change requested by the [Contractor/Alameda CTC]

The change order must be clear, concise, and explicit. When appropriate, it must include the following:

- Description of the work to be done
- Location and limits of the work
- Applicable specification changes and references to specifications
- Method and amount of payment
- Any adjustment to time of contract completion

For additional discussion and details, see LAPM Section 16.10 "Change Order (CO)".

Estimated Cost: \$ _____ [Increase/Decrease]

By reason of this order the time of completion will be adjusted as follows: **x days**

Submitted by: _____ Date: _____
[Resident Engineer]

Approval Recommended: _____ Date: _____
[Project Manager]

Approved _____ Date: _____
[Commission Engineer]

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted, Date _____ Contractor _____

By _____
Name Title Signature

If the contractor does not sign acceptance of this change order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.



Alameda CTC Project Name

Contract No. _____

Federal Number: _____

CHANGE ORDER MEMORANDUM.

Sheet # of #

TO:	[PROJECT MANAGER]		FILE:	
FROM:	[RESIDENT ENGINEER]			
CCO NO.	SUPPLEMENT NO.	CONTINGENCY BALANCE (including this change)		
##			\$ _____	
CCO AMOUNT	\$ _____ INCREASE <input type="checkbox"/> DECREASE <input type="checkbox"/>		CALTRANS APPROVAL REQUIRED?	YES <input type="checkbox"/> NO <input type="checkbox"/>
			IS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS?	YES <input type="checkbox"/> NO <input type="checkbox"/>
ORIGINAL CONTRACT TIME: _____DAYS	TIME ADJUSTMENT THIS CHANGE: _____DAYS	PREVIOUSLY APPROVED TIME ADJUSTMENTS: _____DAYS	PERCENTAGE TIME ADJUSTED (including this change) _____DAYS	TOTAL # OF UNRECONCILED DEFERRED TIME (Including this change) _____DAYS

THIS CHANGE ORDER PROVIDES FOR (Add additional pages as needed):

In a few sentences, briefly state what the change order provides. Supplemental change orders should also include a description of the original change order.

- Explain the need for the change, including the contractual basis of the change.
- State the reasons a particular method of payment was chosen.
- If the ordered change causes any work character change, explain the reasons.
- State the extent of coordination and concurrence with others.
- For major changes on federal projects of division interest projects, indicate the date of discussion and concurrence, if any, by the FHWA engineer.
- If prior approval of the change order has been obtained, state the name of the person who granted prior approval and the date.
- For a change order that is to be unilaterally approved, explain why the contractor will not sign or why the contractor's signature is not required.
- Include justification for a time adjustment.
- Attach supporting documents [e.g. independent cost calculations and time impact analysis].

For additional discussion and details, see LAPM Section 16.10 "Change Order (CO)".



Alameda CTC Project Name

Contract No. _____

Federal Number: _____

CHANGE ORDER MEMORANDUM.

Sheet # of #

CONCURRED BY:		ESTIMATE OF COST		
PROJECT MANAGER SIGNATURE	DATE		THIS REQUEST	TOTAL TO DATE
OTHER	DATE	ITEMS	\$ _____	\$ _____
		FORCE ACCOUNT	\$ _____	\$ _____
OTHER	DATE	AGREED PRICE	\$ _____	\$ _____
		ADJUSTMENT	\$ _____	\$ _____
OTHER	DATE	TOTAL	\$ _____	\$ _____
OTHER	DATE	<u>FUNDING SOURCE</u>	<u>PERCENT</u>	<u>AMOUNT</u>
COMMISSION ENGINEER SIGNATURE	DATE			
RESIDENT ENGINEER SIGNATURE	DATE			
FUNDING NOTES/COMMENTS: By PM's signature above, PM certifies that there is sufficient funding within the authorized contract contingency for this CCO as estimated [see CCO log attached].				

CCO LOG

PROJECT NAME
CONTRACT NO.
FEDERAL PROJECT NUMBER

CCO #	Desc	Requested Amount	CCO from Supp. Fund	Supplemental Balance	CCO from Contingency Fund	Contingency Balance	CCO Status
				\$1,000,000		\$2,000,000	
1							00/00/00 (A)
2							
3							
		\$ -	\$ -	\$ 1,000,000.00	\$ -	\$ 2,000,000.00	

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Table A: Alameda CTC Future Construction Projects

Project	Construction Phase Estimated Cost**	Begin Construction
GoPort: Freight Intelligent Transportation System*	\$10 M-\$15 M	Late 2019
I-880 Highway Planting at Marina and Davis Interchanges*	\$2-\$3 M	Spring 2020
GoPort: 7th Street Grade Separation East*	\$225 M	Fall 2020
SR-84 Widening from South of Ruby Hill Drive to I-680 and SR-84/I-680 Interchange Improvements	\$176 M	2021
I-80 Gilman Interchange Improvements	\$42 M	2021
I-80 Ashby Interchange Improvements	\$41 M	2021
East Bay Greenway - Lake Merritt BART to South Hayward BART*	TBD	2021***
Oakland Alameda Access	TBD	2022***
I-680 HOV/HOT from SR84 to Alcosta Blvd	TBD	2022***
San Pablo (SR 123) Multi-modal Corridor*	TBD	2022***
I-880 Interchange Improvements	TBD	2023***
East 14th Street/Mission and Fremont Boulevard Multi-modal Corridor*	TBD	2023***

* Denotes potential projects for Alameda CTC Advertise, Award, and Administer.

** Subject to updates based upon refinement of project design.

*** Assumes no funding constraints.

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Memorandum

5.5

1111 Broadway, Suite 800, Oakland, CA 94607

• 510.208.7400

• www.AlamedaCTC.org

DATE: June 3, 2019

TO: Projects and Programs Committee

FROM: Liz Rutman, Director of Express Lanes Implementation and Operations

SUBJECT: I-580 Toll System Upgrade Project (PN 1486.002), State Route 84 Widening and State Route 84/Interstate 680 Interchange Improvements Project (PN 1386.000), I-680 Express Lanes Project (PN 1369.000), I-580 Express Lane Operations (1373.002), and I-680 Express Lane Operations (1408.000): Approval of Professional Services Agreement A19-0009 and Approval of Amendment No. 2 to Professional Services Agreement A17-0001 with Kapsch TrafficCom USA, Inc.

Recommendation

It is recommended that the Commission authorize the Executive Director to:

1. Execute Professional Services Agreement A19-0009 with Kapsch TrafficCom USA, Inc. (Kapsch) for Electronic Toll System Integration Services for the I-580 and I-680 Express Lane programs for a not-to-exceed amount of \$60 million.
2. Execute Amendment No. 2 to Agreement A17-0001 with Kapsch for Electronic Toll System Integration Services for the I-680 Express Lanes.

Summary

The Alameda CTC operates and maintains both the I-580 Express Lanes and the I-680 Sunol Southbound Express Lane, the latter on behalf of the Sunol Smart Carpool Lane Joint Powers Authority. In March 2018, the Commission approved the release of a request for proposals (RFP) for Electronic Toll System Integrator (ETSI) Services for the I-580 Express Lanes and future express lane corridors and authorized the Executive Director to negotiate a Professional Services Agreement for ETSI Services with the top ranked firm so that the I-580 Express Lanes toll system could be upgraded with enhanced vehicle detection and identification. RFP 18-0017 was released on April 20, 2018 and three responsive proposals were received by the proposal due date of August 1, 2018. At the conclusion of the proposal evaluation process, Alameda CTC selected Kapsch as the top-ranked firm.

Under Agreement A17-0001, Kapsch is already under contract with Alameda CTC to deliver the new I-680 Express Lanes toll system. Agreement A17-0001 includes a one year warranty period for operations & maintenance (O&M) services and an option for an additional three years of O&M services, but those services are not fully scoped in the agreement and do not include any performance metrics. Staff recommends that O&M services for the I-680 Express Lanes be included in the new Agreement A19-0009, which is before you, to ensure consistent performance requirements and streamline the oversight of the Kapsch team. For greatest clarity, staff recommends formally amending the existing Agreement A17-0001 to eliminate the warranty period and optional O&M Services from the scope of work.

In addition to the I-580 Express Lanes Toll System Upgrade, staff recommends including in this new Agreement A19-0009 the extension of the I-680 Express Lanes associated with the State Route 84 Widening and State Route 84/Interstate 680 Interchange Improvements Project. This project is currently in final design and ETSI input is required to ensure the toll system needs are accommodated during design. This task falls within the RFP scope element of future express lanes.

After a thorough review of the submitted cost proposal and comparison to Alameda CTC's independent cost estimate, Alameda CTC negotiated Agreement A19-0009 with Kapsch and has determined that the negotiated not-to-exceed amount of \$60,000,000 is fair, reasonable, and justifiable to both the Alameda CTC and the consultant. The scope of work includes implementation of a new I-580 Express Lanes toll system, extension of the I-680 Express Lanes associated with the State Route 84 Widening and State Route 84/Interstate 680 Interchange Improvements Project, image review services for both the I-580 and I-680 express lanes, and full turnkey O&M services for both the I-580 and I-680 express lanes. This agreement is for a base term of 9 years with an option to extend for up to 4 additional years.

This Agreement will be funded from a combination of I-580 and I-680 Express Lane Toll Revenue funds, as well as State Route 84 Widening and State Route 84/Interstate 680 Interchange Improvements Project funds.

Background

The I-580 Express Lanes, extending from Hacienda Drive to Greenville Road in the eastbound direction and from Greenville Road to the I-580/I-680 Interchange in the westbound direction, were opened to traffic in February 2016. Motorists using the I-580 Express Lanes facility benefit from travel time savings and travel reliability compared to those in the general purpose lanes. An All Electronic Toll (AET) collection method has been employed to collect tolls.

The I-580 Express Lanes toll system, which was competitively procured in 2009 and put into revenue service in February 2016, now lacks technological advances in vehicle detection and identification that would increase both enforcement and toll revenues. For example, the current toll system requires a 100% license plate match in order to associate images captured for the same vehicle at different toll gantries when no toll tag is detected. The toll system proposed by Kapsch matches images using the license plate either in full or by a nearness of match when based on partial plate interpretation, transaction times, and a

match of other vehicle characteristics such as vehicle shape, size, and color. This results in rejection of fewer images and thus increased revenue. In addition, manual image review was suspended for the current toll system in May 2017 after Commissioners questioned the \$1 million per year cost, and staff's evaluation of the benefit/cost analysis confirmed Commissioners' concerns when it showed that the cost exceeded potential revenues to be gained from such efforts. With today's current system, without manual image review, the transaction is discarded if the system cannot read the image with sufficient confidence in the result, and if the vehicle does not have a toll tag. Revenue leakage due to these deficiencies in the current toll system is estimated at over \$600,000 per year.

In March 2018, the Commission approved the release an RFP for ETSI Services for the I-580 Express Lanes and future express lane corridors and authorize the Executive Director to negotiate a Professional Services Agreement for ETSI Services with the top ranked firm. The RFP was released on April 20, 2018. A mandatory pre-proposal meeting was held on May 9, 2018, and was attended by six (6) firms with interest in being the prime contractor. By the proposal due date, August 1, 2018, Alameda CTC received responsive proposals from the following three firms:

- Conduent State & Local Solutions, Inc.
- emovis technologies US, Inc.
- Kapsch TrafficCom North America (a.k.a. Kapsch TrafficCom USA, Inc.)

An independent selection panel comprised of representatives from the Metropolitan Transportation Commission, Santa Clara Valley Transportation Authority, and Alameda CTC reviewed the proposals submitted. All three firms were invited to provide demonstrations of their toll systems on October 17, 2018; interviews were conducted for all three firms on October 19, 2018. At the conclusion of the evaluation process, Alameda CTC selected Kapsch as the top-ranked firm.

Alameda CTC has negotiated with Kapsch to solidify the scope of work for Agreement A19-0009 and reached concurrence on a not-to-exceed amount of \$60 million. In addition to the implementation of a new I-580 Express Lanes toll system and providing O&M services for eight (8) years, the scope of work includes several other items described in the following paragraphs.

In June 2016, the Commission authorized the execution of Professional Services Agreement A17-0001 with Kapsch for ETSI Services for the I-680 Express Lanes Project for a not-to-exceed amount of \$15 million. The scope of work includes implementation of the new I-680 Express lanes toll system, one year of warranty period of O&M services, and an option for an additional three years of O&M services. Revenue services for the new toll system are expected to begin in late 2020. However, the O&M services are not fully scoped in the agreement and do not include any performance metrics. Staff recommends that the I-680 Express Lanes follow current industry contracting practices, which are included in the new Agreement A19-0009 for the I-580 Express Lanes, and eliminate the warranty period and initiates turnkey O&M services for the I-680 Express Lanes upon completion of the Operational

Acceptance Test, which is when the agency accepts that the toll system is fully operational. However, rather than amend the existing Agreement with A17-0001 to incorporate a more refined O&M scope and associated budget, staff recommends that O&M services for the I-680 Express Lanes be incorporated into the new Agreement A19-0009, ensuring consistent performance requirements for both corridors. For greatest clarity, staff recommends formally amending the Agreement A17-0001 to eliminate the Warranty Period and Optional O&M Services from the scope of work.

In addition, with the selection of Kapsch for the I-580 Express Lanes, staff recommends that the I-580 and I-680 toll systems utilize a single (joint) Host System design, which will reduce design costs as well as long-term O&M costs. Host System O&M services are performed in parallel with the roadway O&M services for each corridor, and O&M costs for the joint host system will be funded equally by I-580 and I-680 toll revenues.

Along with O&M services, Kapsch will perform image review services for both the I-580 and I-680 express lanes, with services beginning as each new toll system begins revenue operations. This includes provision of automated optical character recognition for license plates as well as any required manual image review needed to process toll transactions accurately and meet all required performance metrics. Staff has evaluated the cost proposal for image review services and determined that the revenue gained by adding manual image review services is greater than the costs and thus recommends approving the service as part of the contract.

Finally, staff recommends including in Agreement A19-0009 the extension of the I-680 Express Lanes associated with the State Route 84 Widening and State Route 84/Interstate 680 Interchange Improvements Project. This project is currently in final design and ETSI input is required to ensure the toll system needs are accommodated during design. The construction is expected to be completed in 2023. As THE Electronic Toll System Integrator for the I-680 Express Lanes, the extension should be incorporated into the I-680 toll system currently being developed by Kapsch. This task falls within the RFP scope element of future express lanes.

Levine Act Statement: The Kapsch team did not report a conflict in accordance with the Levine Act.

Fiscal Impact: The fiscal impact for approving this item includes \$3 million in previously allocated Measure BB funds for subsequent expenditure. This amount is included in the State Route 84 Widening and State Route 84/Interstate 680 Interchange Improvements Project funding plan and sufficient budget has been included in the proposed FY 2019-2020 Capital Program Budget. In addition, this action will authorize the encumbrance of \$57 million in I-580 and I-680 Express Lane Toll Revenues to be utilized over the next 9 years. Adequate funding has been included in the Alameda CTC budget adopted for FY 2018-2019 and additional funding will be included in subsequent Alameda CTC and Sunol JPA subsequent fiscal year budgets as needed.



Memorandum

5.6

1111 Broadway, Suite 800, Oakland, CA 94607

• PH: (510) 208-7400

• www.AlamedaCTC.org

DATE: June 3, 2019

TO: Programs and Projects Committee

FROM: Trinity Nguyen, Director of Project Delivery
Angelina Leong, Assistant Transportation Engineer

SUBJECT: Approve the Administrative Amendments to Various Project Agreements (A17-0039 and 04-2632)

Recommendation

It is recommended that the Commission approve Administrative Amendments to Various Project Agreements (A17-0039 and 04-2632) in support of the Alameda CTC's Capital Projects and Program delivery commitments.

Summary

Alameda CTC enters into agreements/contracts with consultants and local, regional, state, and federal entities, as required, to provide the services, or to reimburse project expenditures incurred by project sponsors, necessary to meet the Capital Projects and Program delivery commitments. Agreements are entered into based upon estimated known project needs for scope, cost and schedule.

The administrative amendment requests shown in Table A have been reviewed and it has been determined that the requests will not compromise project deliverables.

Staff recommends the Commission approve and authorize the administrative amendment requests as listed in Table A.

Background

Amendments are considered "administrative" if they do not result in an increase to the existing encumbrance authority approved for use by a specific entity for a specific project. Examples of administrative amendments include time extensions and project task/phase budget realignments which do not require additional commitment beyond the total amount currently encumbered in the agreement, or beyond the cumulative total amount encumbered in multiple agreements (for cases involving multiple agreements for a given project or program).

Agreements are entered into based upon estimated known project needs for scope, cost, and schedule. Throughout the life of a project, situations may arise that warrant the need for a time extension or a realignment of project phase/task budgets.

The most common justifications for a time extension include (1) project delays; and (2) extended phase/project closeout activities.

The most common justifications for project task/phase budget realignments include 1) movement of funds to comply with timely use of funds provisions; 2) addition of newly obtained project funding; and 3) shifting unused phase balances to other phases for the same project.

Requests are evaluated to ensure that project deliverables are not compromised. The administrative amendment requests identified in Table A have been evaluated and are recommended for approval.

Levine Act Statement: Chwen C. Siripocanont did not report a conflict in accordance with the Levine Act.

Fiscal Impact: There are no fiscal impacts associated with the requested actions.

Attachment:

- A. Table A: Administrative Amendment Summary and Supporting Details

Table A: Administrative Amendment Summary

Index No.	Firm/Agency	Project/Services	Agreement No.	Contract Amendment History and Requests	Reason Code	Fiscal Impact
1	Chwen C. Siripocanont	Project Delivery Management Services	A17-0039	A1: Budget increase and 12-month time extension from 6/30/2018 to 6/30/2019 A2: 12-month time extension from 6/30/2019 to 6/30/2020 (<i>current request</i>)	2	None
2	Caltrans	I-680 NB Express Lanes (APN 1369.000) /Construction Administration	04-2632	A1: Spending summary change as reflected in supporting details attached (<i>current request</i>)	6	None

- (1) Project delays.
- (2) Extended phase/project closeout activities.
- (3) Movement of funds to comply with timely use of funds provisions.
- (4) Addition of newly obtained project funding.
- (5) Unused phase balances to other project phase(s).
- (6) Other

04-2632-A1: Transfer local funds as shown in tables below between Construction Capital and Construction Support to allow Caltrans to provide oversight and issue permits for Alameda CTC's Express Lanes work.

Total local funds authorized for Caltrans before change: \$114,360,000 (Capital)
 Total local funds authorized for Caltrans after change: \$114,360,000 (Support*/Capital**)
 Total local funds authorized change: \$0

FUNDING SUMMARY NO. A1

			<u>FUNDING TABLE</u> v. 2				
<u>IMPLEMENTING AGENCY</u> →			<u>CALTRANS</u>				
Source	FUNDING PARTNER	Fund Type	CONST. SUPPORT		CONST. CAPITAL		TOTALS
			CALTRANS	ALAMEDA CTC	CALTRANS	ALAMEDA CTC	
State	CALTRANS	SHOPP	\$4,200,000	\$0	\$25,360,000	\$0	\$29,560,000
State	CALTRANS	TCRP	\$13,874,000	\$0	\$0	\$0	\$13,874,000
Local	Alameda CTC	Local (Measure)		\$6,440,000 <u>\$6,660,000</u>	\$0	\$114,360,000 <u>\$114,140,000</u>	\$120,800,000
	Totals		\$18,074,000	\$6,440,000 <u>\$6,660,000</u>	\$25,360,000	\$114,140,000 <u>\$114,360,000</u>	\$164,234,000

<u>SPENDING SUMMARY</u> v. 21				
Fund Type	CONST. SUPPORT		CONST. CAPITAL	TOTALS
	<u>CALTRANS</u>	<u>ALAMEDA CTC</u>	<u>CALTRANS</u>	
State Funds				
SHOPP	\$4,200,000	\$0	\$25,360,000	\$29,560,000
TCRP	\$13,874,000	\$0	\$0	\$13,874,000
Local (Measure)***	\$220,000 <u>\$220,000*</u>	\$6,440,000	\$114,140,000 <u>\$114,360,000</u> **	\$120,800,000
Totals	\$18,294,000 <u>\$18,074,000</u>	\$6,440,000	\$139,500,000 <u>\$139,720,000</u>	\$164,234,000

***To provide future flexibility, actual final split between support and capital may vary and shall not exceed \$114,360,000.