

## 10-Year Priority Projects and Programs for the 2020 CTP

ID <sup>1</sup>	Project	Sponsor Agency	Location	Total Cost (\$ Millions) <sup>2,3</sup>
1	Alameda Point Transit Network Improvements	AC Transit	Alameda	\$150
2	Division 4 Replacement (Phase 1)	AC Transit	N/A	\$30
3	Foothill Blvd Corridor Improvements (Phase 1)	AC Transit	Oakland	\$15
4	Fruitvale Ave. Corridor Short Term Improvements	AC Transit	Oakland	\$61
5	Shattuck Ave./Martin Luther King Jr. Way Corridor	AC Transit	Berkeley Oakland	\$57
6	West Grand Ave. Corridor <sup>4</sup>	AC Transit Oakland	Oakland	\$93
	<i>A - Grand Avenue Corridor Bus Lanes</i>	<i>AC Transit</i>	<i>Oakland</i>	<i>\$83</i>
	<i>B - West Grand Ave. Road Diet</i>	<i>Oakland</i>	<i>Oakland</i>	<i>\$10</i>
7	East Lewelling Boulevard Complete Streets (Phase 2)	ACPWA	Uninc. Central County	\$10
8	Hesperian Boulevard (Phase 2)	ACPWA	Uninc. Central County	\$15
9	Niles Canyon Trail (Phase 1)	ACPWA	Fremont Uninc. South County	\$30
10	Tesla Rd. Safety Improvements (Phase 1)	ACPWA	Uninc. East County	\$15
11	Clement Ave. and Tilden Way Complete Streets	Alameda	Alameda	\$15
12	Lincoln Avenue/Marshall Way Safety Improvements	Alameda	Alameda	\$5
13	Shoreline Overtopping Near Webster and Posey Tubes	Alameda	Alameda	\$30
14	West End Bike/Ped Crossing	Alameda	Alameda	\$200
15	Willie Stargell Bus Priority and Multimodal Safety Corridor	Alameda	Alameda	\$6
16	7th Street Grade Separation West	Alameda CTC	Port of Oakland	\$312
17	East 14th/Mission and Fremont Blvd Corridor <sup>4</sup>	Alameda CTC	Central and South County	\$280
	<i>A - Fremont Boulevard Complete Street in Downtown and Irvington PDAs</i>	<i>Fremont</i>	<i>Fremont</i>	<i>\$24</i>
	<i>B - Mission Blvd. / East 14th Phase III</i>	<i>ACPWA</i>	<i>Uninc. Central County</i>	<i>\$45</i>
	<i>C - Mission Blvd Phase 3 Improvements</i>	<i>Hayward</i>	<i>Hayward</i>	<i>\$18</i>
	<i>D - Mission Blvd (SR 238) "Complete Street" Project</i>	<i>Union City</i>	<i>Union City</i>	<i>\$20</i>
<i>E - Walnut Avenue Protected Bikeway (Phase 2) in Downtown PDA: Paseo Padre to Argonaut</i>	<i>Fremont</i>	<i>Fremont</i>	<i>\$3</i>	
18	East Bay Greenway (Phase 1) <sup>4,5</sup>	Alameda CTC	Multiple	\$288
	<i>A - East Bay Greenway</i>	<i>Alameda CTC</i>	<i>North and Central County</i>	<i>\$224</i>
	<i>B - East Bay Greenway (Reach 6): Innovation District to Bay Trail</i>	<i>Fremont</i>	<i>Fremont</i>	<i>\$62</i>
	<i>C - East Bay Greenway: Irvington BART Station Area</i>	<i>Fremont</i>	<i>Fremont</i>	<i>\$2</i>
19	I-680 Express Lanes: SR-84 to Alcosta (Phase 1 - Southbound)	Alameda CTC	Dublin Pleasanton	\$260
20	I-680/SR-84 Interchange and SR-84 Expressway	Alameda CTC	Uninc. East County	\$244

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21	I-580/I-680 Interchange (Phase 1)	Alameda CTC	Dublin Pleasanton	\$300
22	I-80/Ashby Avenue Interchange Modernization	Alameda CTC	Berkeley Emeryville	\$100
23	I-80/Gilman Street Interchange Modernization	Alameda CTC	Berkeley	\$62
24	I-880/Winton Avenue/A Street Interchange Modernization	Alameda CTC	Hayward	\$114
25	I-880/Whipple Rd./Industrial Pkwy SW Interchange Modernizations	Alameda CTC	Hayward Union City	\$220
26	Oakland/Alameda Access Project	Alameda CTC	Alameda Oakland	\$114
27	Rail Safety and Connectivity <sup>4</sup>	Alameda CTC	Multiple	\$155
	<i>A - Railroad Quiet Zone Multimodal Safety Project</i>	<i>Berkeley</i>	<i>Berkeley</i>	<i>\$11</i>
	<i>B - Railroad At-Grade Corridor Safety Project through Jack London District</i>	<i>Oakland</i>	<i>Oakland</i>	<i>\$18</i>
	<i>C - Railroad Crossing Upgrades - Near Term Safety Enhancements</i>	<i>San Leandro</i>	<i>San Leandro</i>	<i>\$3</i>
	<i>D - UPRR Quiet Zones: Centerville Area, Tier 1 Priorities</i>	<i>Fremont</i>	<i>Fremont</i>	<i>\$4</i>
28	San Pablo Avenue Corridor <sup>4</sup>	Alameda CTC	North County	\$312
	<i>A - San Pablo Avenue Complete Streets Corridor</i>	<i>Berkeley</i>	<i>Berkeley</i>	<i>\$7</i>
	<i>B - San Pablo Complete Streets</i>	<i>Albany</i>	<i>Albany</i>	<i>\$5</i>
29	SR-262 Mission Boulevard Cross Connector Improvements (Phase 1 – Warm Springs Grade Separation and Local Road Safety)	Alameda CTC	Fremont	\$350
30	Solano Avenue Complete Streets	Albany	Albany	\$12
31	19th Street Bike Station Plaza	BART	Oakland	\$6
32	19th Street/Oakland BART Station Street Elevator	BART	Oakland	\$12
33	Bay Fair Connection	BART	N/A	\$234
34	BART Core Capacity <sup>6</sup>	BART	N/A	\$1,587
35	BART Next Generation Fare Gates <sup>6</sup>	BART	Multiple	\$35
36	Dublin/Pleasanton BART Station Active Access Improvements	BART	Dublin/Pleasanton	\$16
37	Hayward Maintenance Complex (Phase 1) <sup>6</sup>	BART	N/A	\$209
38	Irvington BART Station	BART Fremont	Fremont	\$230
39	Lake Merritt TOD	BART Oakland	Oakland	\$60
40	North Berkeley BART Station Active Access Improvements	BART	Berkeley	\$13
41	Transit Operations Facility (TOF) <sup>6</sup>	BART	N/A	\$60
42	West Oakland TOD	BART	Oakland	\$30
43	Adeline Street Corridor Transportation Improvements	Berkeley	Berkeley	\$11

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ID <sup>1</sup>	Project	Sponsor Agency	Location	Total Cost (\$ Millions) <sup>2,3</sup>
44	Martin Luther King Jr Way Complete Streets Corridor	Berkeley	Berkeley	\$10
45	Telegraph Avenue Multimodal Corridor	Berkeley	Berkeley	\$9
46	South Bay Connect	CCJPA	Multiple	\$264
47	Dublin Blvd. - North Canyons Pkwy Extension	Dublin	Dublin	\$164
48	I-580/Fallon/El Charro Interchange Modernization (Phase 2)	Dublin	Dublin Pleasanton	\$32
49	40th Street Transit-Only Lanes and Multimodal Enhancements	Emeryville	Emeryville	\$16
50	Greenway and Mandela Connector	Emeryville	Emeryville	\$3
51	Quiet Zone Safety Engineering Measures	Emeryville	Emeryville	\$9
52	Dumbarton to Quarry Lakes Trail	Fremont	Fremont	\$25
53	I-680 Interchange Modernizations at Washington and Mission <sup>4</sup>	Fremont	Fremont	\$20
	<i>A - I-680/Mission Boulevard (North) Interchange Modernization</i>	<i>Fremont</i>	<i>Fremont</i>	\$10
	<i>B - I-680/Washington Boulevard Interchange Modernization</i>	<i>Fremont</i>	<i>Fremont</i>	\$10
54	Sabercat Trail: Irvington BART to Ohlone College	Fremont	Fremont	\$56
55	Downtown Hayward PDA Multimodal Complete Streets	Hayward	Hayward	\$35
56	Main Street Complete Street	Hayward	Hayward	\$5
57	Rt 92/Clawiter/Whitesell Interchange Modernization	Hayward	Hayward	\$40
58	Tennyson Rd. Corridor PDA Complete Streets	Hayward	Hayward	\$5
59	Atlantis O&M Facility	LAVTA	East County	\$33
60	I-580/First Street Interchange Modernization	Livermore	Livermore	\$62
61	I-580/Vasco Road Interchange Modernization	Livermore	Livermore	\$81
62	Bay Bridge Forward <sup>4</sup>	MTC/ABAG Alameda CTC	Oakland Emeryville	\$136
	<i>A - The Link: Improved Bike/Ped Access to East Span of San Francisco – Oakland Bay Bridge</i>	<i>MTC/ABAG</i>	<i>Oakland</i>	\$63
63	San Francisco Bay Trail and Bay Trail Connectors (Phase 1)	MTC/ABAG	Multiple	N/A
64	I-580 Design Alternatives Assessments (DAAs) Implementation (Phase 1)	MTC/ABAG Alameda CTC	Central and South County	\$128
65	Decoto Road Complete Streets/Dumbarton Corridor <sup>4</sup>	Multiple	Fremont Union City	\$62
	<i>A - Decoto Road Complete Street: I-880 to Paseo Padre Parkway</i>	<i>Fremont</i>	<i>Fremont</i>	\$20
	<i>B - I-880/Decoto Road Interchange Modernization</i>	<i>Fremont</i>	<i>Fremont</i>	\$10
	<i>C - Bayside TOD PDA Transit Station and Pedestrian Overcrossing</i>	<i>Newark</i>	<i>Newark</i>	\$12
	<i>D - Decoto Road Complete Streets Project</i>	<i>Union City</i>	<i>Union City</i>	\$20

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66	Iron Horse Trail <sup>4</sup>	Multiple	East County	\$48
	<i>A - Iron Horse Trail Crossing (old SPRR ROW) at Dublin Boulevard</i>	<i>Dublin</i>	<i>Dublin</i>	\$10
	<i>B - Livermore Iron Horse Trail</i>	<i>Livermore</i>	<i>Livermore</i>	\$20
	<i>C - Iron Horse Trail Improvements</i>	<i>Pleasanton</i>	<i>Pleasanton</i>	\$18
67	Central Avenue Overpass	Newark	Newark	\$35
68	Thornton Avenue Complete Streets Corridor	Newark	Newark	\$26
69	42nd Ave. & High St. I-880 Access Improvements	Oakland	Oakland	\$18
70	Bancroft Avenue Greenway	Oakland	Oakland	\$18
71	Broadway Transit Corridor	Oakland	Oakland	\$22
72	Downtown Oakland East-West Safe Streets <sup>4</sup>	Oakland	Oakland	\$20
	<i>A - 14th Street Safe Routes in the City</i>	<i>Oakland</i>	<i>Oakland</i>	\$14
	<i>B - 19th Street BART to Lake Merritt Urban Greenway</i>	<i>Oakland</i>	<i>Oakland</i>	\$6
73	East Bay BRT Corridor Safety Improvements <sup>4</sup>	Oakland	Oakland	\$34
	<i>A - East Bay BRT Corridor Pedestrian Safety Improvements</i>	<i>Oakland</i>	<i>Oakland</i>	\$20
	<i>B - East 12th St. Bikeway</i>	<i>Oakland</i>	<i>Oakland</i>	\$14
74	East Oakland Neighborhood Bikeways	Oakland	Oakland	\$28
75	Oakland Army Base Infrastructure Improvements	Oakland	Oakland/Port of Oakland	\$34
76	Telegraph Avenue Complete Streets	Oakland	Oakland	\$11
77	MacArthur Smart City Corridor	Oakland	Oakland	\$13
78	West Oakland Industrial Streets <sup>4</sup>	Oakland	Oakland	\$31
	<i>A - West Oakland Industrial Streets</i>	<i>Oakland</i>	<i>Oakland</i>	\$10
	<i>B - 7th Street Connection Project</i>	<i>Oakland</i>	<i>Oakland</i>	\$21
79	I-680 Sunol Interchange Modernization	Pleasanton	Pleasanton	\$45
80	West Las Positas Bike Corridor Improvements	Pleasanton	Pleasanton	\$13
81	Doolittle Drive Resiliency	Port of Oakland	Port of Oakland Alameda	\$50
82	Near and Mid-Term Port Operations and Emission Reductions <sup>4</sup>	Port of Oakland	Port of Oakland	\$120
	<i>A - Roundhouse EV Charging Facility</i>	<i>Port of Oakland</i>	<i>Port of Oakland</i>	\$12
	<i>B - Seaport Near Dock Rail Enhancements</i>	<i>Port of Oakland</i>	<i>Port of Oakland</i>	\$8
	<i>C - Port Operational Efficiency Enhancements</i>	<i>Port of Oakland</i>	<i>Port of Oakland</i>	\$25
	<i>D - Port Wide Electrification</i>	<i>Port of Oakland</i>	<i>Port of Oakland</i>	\$75
83	Oakland International Airport Perimeter Dike	Port of Oakland	Port of Oakland Alameda	\$53
84	ACE Medium-Term Service Increases	SJRRC	East and South County	\$166
85	Downtown San Leandro Streetscapes	San Leandro	San Leandro	\$6
86	San Leandro BART Station Area Safety Improvements	San Leandro	San Leandro	\$5
87	San Leandro Creek Trail	San Leandro	San Leandro	\$33
88	Valley Link <sup>4</sup>	TVSJVRRRA	East County	\$2,142

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	A - Valley Link (Dublin/Pleasanton BART to Mountain House)	TVSJVRRRA	East County	\$2,040
	B - Greenville /Valley Link Multimodal Improvements	Livermore	Livermore	\$40
	C - Isabel/Valley Link Multimodal Improvements	Livermore	Livermore	\$23
	D - S. Front/Valley Link Multimodal Improvements	Livermore	Livermore	\$39
89	Union Landing Transit Center Modifications	UC Transit	Union City	\$5
90	Quarry Lakes Parkway (Segments 1-4) <sup>8</sup>	Union City	Union City	\$208
91	Berkeley-San Francisco Ferry	WETA	Berkeley	\$60
92	Redwood City-San Francisco-Oakland Ferry	WETA	Alameda Oakland	\$60
93	Seaplane Lagoon-San Francisco Ferry	WETA	Alameda	\$42
94	Mobility for Seniors and People with Disabilities – Paratransit <sup>7</sup>	Alameda CTC	Multiple	N/A
95	Safe Routes to School <sup>7</sup>	Alameda CTC	Multiple	N/A
96	Student Transit Pass Program <sup>7</sup>	Alameda CTC	N/A	N/A
97	State of Good Repair (Local Streets and Roads) <sup>7</sup>	Multiple	Multiple	N/A
98	Transit Operations <sup>7</sup>	Multiple	N/A	N/A

### Notes:

1. Projects are sorted in alphabetical order by sponsor.
2. Costs shown are for capital costs only. They represent planning-level estimates and are subject to change as projects move through development stages.
3. Total cost reflects information provided by sponsors in CTP project submittals unless indicated as a "Phase" in the project name. These phased costs reflect an estimate of expenditure that could occur within 10-year window.
4. This priority project represents a project bundle of constituent projects, some or all of which are shown below indicated by ordered letters.
5. ROW costs are not included.
6. Represents an approximation of an Alameda County share of the regional BART project.
7. Represents an on-going programmatic commitment of Alameda CTC.
8. This project is the Mission Blvd. East West Connector Project (aka Quarry Lakes Parkway).

## Fully Funded Project List for the 2020 CTP

ID	Project	Sponsor Agency	Total Cost (\$ millions)
99	Meekland Avenue Corridor Improvements	ACPWA	\$9
100	Central Avenue Safety Improvements	Alameda	\$15
101	New Alameda Point Ferry Terminal	Alameda	\$22
102	Ralph Appezato Memorial Parkway Dedicated Bus Lanes or Bus Queue Jump Lanes	Alameda	\$9
103	7th Street Grade Separation East	Alameda CTC	\$317
104	I-680 Express Lanes (NB): SR-84 to Automall Pkwy Phase 1	Alameda CTC	\$236
105	19th Street/Oakland BART Station Modernization	BART	\$50
106	Milvia Bikeway Project	Berkeley	\$3
107	Shattuck Complete Streets and De-Couplet	Berkeley	\$10
108	Southside Complete Streets & Transit Improvement	Berkeley	\$9
109	Dougherty Road Widening	Dublin	\$23
110	Dublin Boulevard widening	Dublin	\$7
111	Fremont Boulevard & Thornton Avenue Complete Streets in Centerville PDA, (Part of former SR 84)	Fremont	\$9
112	Fremont Boulevard Safe and Smart Corridor	Fremont	\$11
113	Relinquished State Route 84: State of Good Repair Improvements <i>Funded through Local Area Transportation Improvement Plan subject to sale of surplus State ROW</i>	Fremont	\$18
114	Warm Springs BART West Access Bridge and Plaza	Fremont	\$41
115	Mission Blvd Phase 2 Improvements	Hayward	\$33
116	Fruitvale Alive Gap Closure Streetscape Project	Oakland	\$9
117	14th Avenue Streetscape Project	Oakland	\$7
118	Union City Intermodal Station, Phase 3	Union City	\$75

Notes: Fully funded projects are included for informational and funding close-out purposes. Some of these may be open by the time the 2020 CTP is adopted.

## 30-Year Project List for the 2020 CTP

ID <sup>1</sup>	Project	Sponsor Agency	Total Cost (\$ millions) <sup>2</sup>
119	Foothill Blvd Corridor Improvements (Phase 2)	AC Transit	\$35
120	Castro Valley Boulevard Streetscape Improvement Phase II	ACPWA	\$25
121	Crow Canyon Road Safety Improvements	ACPWA	\$10
122	East 14th Phase I (Retrofit to add Class IV)	ACPWA	\$20
123	Estuary Bridges Maintenance and Repairs	ACPWA	\$15
124	Fruitvale Avenue (Miller Sweeney) Lifeline Bridge Project	ACPWA	\$63
125	Niles Canyon Trail (Phase 2)	ACPWA	\$120
126	Patterson Pass Road Safety Improvements	ACPWA	\$15
127	San Lorenzo Creek Trail Project	ACPWA	\$34
128	Strobridge Avenue IC Modifications / Ramp Improvements	ACPWA	\$20
129	Tesla Road Safety Improvements Phase II	ACPWA	\$11
130	Vasco Road Safety Improvement Phase II	ACPWA	\$22
131	East Bay Greenway (Phase 2)	Alameda CTC	\$350
132	I-580/I-680 Interchange (Phase 2)	Alameda CTC	\$1,200
133	I-680 Express Lanes (NB): Automall Pkwy to SC County Line Phase 2	Alameda CTC	\$130
134	I-680 Express Lanes: SR-84 to Alcosta Phase 2 (northbound)	Alameda CTC	\$228
135	I-680 Express Bus to Silicon Valley	Alameda CTC	\$75
136	SR-262 Mission Boulevard Cross Connector Improvements (Phase 2)	Alameda CTC	\$562
137	Ashby Avenue Complete Streets Corridor	Berkeley	\$3
138	Berkeley Marina Bay Trail Extension and University Avenue Reconstruction	Berkeley	\$88
139	Center Street Plaza Project	Berkeley	\$3
140	College Avenue Complete Streets Corridor	Berkeley	\$3
141	Dwight & Channing Complete Streets Corridor	Berkeley	\$4
142	Gilman Street Complete Streets Corridor	Berkeley	\$8
143	Ohlone Greenway and Intersection Improvement Project	Berkeley	\$7
144	Sacramento Complete Streets Corridor	Berkeley	\$3
145	Shattuck Avenue Complete Streets Corridor	Berkeley	\$15
146	University Avenue Complete Streets Corridor	Berkeley	\$4
147	I-580 Interchange Improvements at Hacienda	Dublin	\$36
148	Tassajara Road Widening from N. Dublin Ranch Drive to City Limit	Dublin	\$23
149	Powell Street Bridge Widening	Emeryville	\$9
150	Auto Mall Parkway Improvements Near I-680	Fremont	\$50
151	Fremont Boulevard Complete Streets in Warm Springs PDA	Fremont	\$5
152	Grimmer Greenway Trail: Central Park to Fremont Boulevard	Fremont	\$6
153	Grimmer to Pacific Commons Trail w/ new I-880 Bridge	Fremont	\$51
154	Kato Road Complete Street	Fremont	\$7
155	Mission Creek Trail Gap Closure: Palm Avenue to Mission Boulevard	Fremont	\$4

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ID <sup>1</sup>	Project	Sponsor Agency	Total Cost (\$ millions) <sup>2</sup>
156	Mowry Ave. Complete Streets w/ new Bike/Ped Tunnel at UPRR Undercrossing (Part of former SR 84)	Fremont	\$10
157	Peralta Ave. Complete Streets (Part of former SR 84)	Fremont	\$14
158	Shinn Trail Connection to Niles w/ new Alameda Creek Bridge	Fremont	\$10
159	UPRR Quiet Zones: Other Fremont Locations	Fremont	\$4
160	Vargas Road Safety Improvements	Fremont	\$5
161	Fremont BART Station Modernization	Fremont BART	\$5
162	Hayward Blvd Multi-modal Project	Hayward	\$3
163	Mission Blvd. Linear Park	Hayward	\$5
164	First Street Bike Improvements	Livermore	\$3
165	I-580 Greenville Road Interchange Improvements	Livermore	\$68
166	I-580 SR-84/Isabel Interchange Improvements Phase 2	Livermore	\$43
167	San Francisco Bay Trail and Bay Trail Connectors (Phase 2)	MTC/ABAG	N/A
168	I-580 Design Alternatives Assessments (DAAs) Implementation (Phase 2)	MTC/ABAG Alameda CTC	\$272
169	27th Street Complete Streets Corridor	Oakland	\$4
170	Coliseum City Transit Hub/Coliseum City infrastructure	Oakland	\$200
171	East Oakland Industrial Streets (Central Estuary Plan)	Oakland	\$65
172	Lakeside Family Streets	Oakland	\$5
173	Park Boulevard Path	Oakland	\$5
174	West Oakland Industrial Streets (Phase 2)	Oakland	\$50
175	Downtown Parking Garage	Pleasanton	\$68
176	Extension of El Charro Road from Stoneridge Drive to Stanley Blvd	Pleasanton	\$137
177	Foothill Road Complete Streets	Pleasanton	<\$1
178	I-680 Overcrossing Widening and Improvements (at Stoneridge Drive)	Pleasanton	\$44
179	Santa Rita Road I-580 Overcrossing Widening	Pleasanton	\$49
180	Airport Drive Rehabilitation	Port of Oakland	\$9
181	Inner Harbor Turning Basin	Port of Oakland	\$350
182	Outer Harbor Turning Basin Expansion	Port of Oakland	\$80
183	Dumbarton Rail/Group Rapid Transit	SAMTRANS	\$3,255
184	Cross Town Class IV Corridors and Williams St. Pedestrian Improvements	San Leandro	\$4
185	Doolittle Drive Streetscape	San Leandro	\$12
186	MacArthur Blvd Roundabout, Streetscape, and Park & Ride	San Leandro	\$4
187	Marina Boulevard Streetscape	San Leandro	\$10
188	Altamont Corridor Vision (ACE)	SJRRRC	\$917
189	I-880/Alvarado-Niles Interchange "Complete Streets" Modifications	Union City	\$20
190	Quarry Lakes Parkway (Segment 5)	Union City	\$60
191	Station District Pedestrian Bridge	Union City	\$15



## 30-Year Project List for the 2020 CTP

ID <sup>1</sup>	Project	Sponsor Agency	Total Cost (\$ millions) <sup>2</sup>
192	Union City Boulevard Widening (Whipple to City Limit)	Union City	\$17
193	Whipple Road Widening Project	Union City	\$25

Notes:

1. Projects are sorted in alphabetical order by sponsor.
2. Costs shown are for capital costs only. They represent planning-level estimates and are subject to change as projects move through development stages.

## Programmatic Projects for the 2020 CTP

ID <sup>1</sup>	Project	Sponsor Agency	Total Cost (\$ millions)
<b><i>Bike/Ped Plan Implementation</i></b>			
194	Bicycle Master Plan Build-out	Alameda	\$41
195	Pedestrian Master Plan Build-out	Alameda	\$40
196	Vision Zero Action Plan and Safe Routes to School Build-out	Alameda	\$25
197	Active Transportation Program	Albany	\$21
198	Citywide Bicycle Parking	Berkeley	\$4
199	Citywide Bike Boulevard/Major Street Intersections Project	Berkeley	\$8
200	Complete Streets & Transit Corridor Studies and Implementation	Berkeley	\$20
201	West Berkeley Areawide Pedestrian & Bicycle Improvements	Berkeley	\$10
202	SR2S Improvements	Dublin	\$7
203	Bicycle and Pedestrian Plan Implementation	Emeryville	\$59
204	Village Greens and Greenways	Emeryville	\$5
205	Citywide ADA Sidewalk and Intersection Improvements	Fremont	\$95
206	Citywide Bike Master Plan Implementation	Fremont	\$164
207	Citywide Pedestrian Master Plan Implementation	Fremont	\$80
208	Citywide Safe Routes to Schools Improvements	Fremont	\$25
209	Citywide Trails Plan Implementation	Fremont	\$50
210	Bicycle and Pedestrian Master Plan	Hayward	\$25
211	Safe Routes to Schools	Hayward	\$2
212	Livermore Bicycle, Pedestrian & Active Transportation Plan	Livermore	\$183
213	Community Based Transportation Plans: Implementation and Planning	Multiple	\$100
214	Citywide Bicycle Master Plan Implementation	Newark	\$28
215	Citywide Pedestrian Master Plan implementation	Newark	\$47
216	ADA 30-Year Curb Ramp Transition Plan	Oakland	\$66
217	Bike Plan Short-Term Priority Corridors	Oakland	\$17
218	City-Wide Bay Trail Network	Oakland	\$8
219	City-Wide Bike Plan Implementation Program	Oakland	\$76
220	Citywide Sidewalk Repairs	Oakland	\$30
221	Downtown Oakland Specific Plan (DOSPP) Mobility Implementation Projects	Oakland	\$60
222	Implementation Program for Citywide Safe Routes to Schools	Oakland	\$23
223	Oakland Complete Streets Program	Oakland	\$199
224	Pedestrian Plan Implementation Program	Oakland	\$109
225	Piedmont Pedestrian and Bike Master Plan	Piedmont	\$9
226	City of Pleasanton Bicycle and Pedestrian Master Plan	Pleasanton	\$38
227	City of Pleasanton Trails Master Plan	Pleasanton	\$64
228	Citywide Bicycle and Pedestrian Plan & Sidewalk Program Implementation	San Leandro	\$14
<b><i>Roadway Improvements, Technology, and Safety</i></b>			
229	Roadway Multimodal Safety Improvements in Unincorporated Alameda County	ACPWA	\$19

## Programmatic Projects for the 2020 CTP

ID <sup>1</sup>	Project	Sponsor Agency	Total Cost (\$ millions)
230	Sidewalk Improvements in Unincorporated Alameda County	ACPWA	\$210
231	Citywide Smart Signal Program	Alameda	\$5
232	New Technologies and Innovations	Alameda	\$10
233	Webster/Posey Tubes Lifeline Replacement or New Transit/Bike/Pedestrian Lifeline Tube	Alameda	\$10
234	I-580 Integrated Corridor Mobility (ICM)	Alameda CTC	\$146
235	Implementation of the New Mobility Roadmap	Alameda CTC	\$200
236	West Berkeley Area Intersection Project	Berkeley	\$4
237	Multimodal Corridor Signal Interconnect & Transit Signal Priority Wayside Upgrade	Berkeley	\$12
238	Vision Zero Action Plan Implementation	Berkeley	\$8
239	Downtown Dublin Streetscape Plan Implementation	Dublin	\$40
240	Technology Enhancements to connect arterials with freeways for Connected and autonomous vehicles	Dublin	\$20
241	Powell Street Traffic Safety Improvements	Emeryville	\$10
242	Traffic Signal Modernization Program	Emeryville	\$5
243	Citywide Pavement Rehabilitation	Fremont	\$90
244	Citywide Traffic Signal Modernization	Fremont	\$20
245	Citywide Vision Zero Traffic Safety Improvements	Fremont	\$10
246	Freeway Interchange Safety Improvements and Modernization Identified in Caltrans D4 Bike Plan	Fremont	\$10
247	Fremont Citywide Transit Signal Priority	Fremont	\$5
248	Annual Pavement Maintenance	Livermore	\$103
249	Railroad Grade Separations across Alameda County (includes submissions for Gilman Street in Berkeley, Oakland waterfront, and San Leandro and could include other grade separations projects)	Multiple <i>Berkeley</i> <i>San Leandro</i> <i>Oakland</i>	\$150
250	Citywide Bridge Preventive Maintenance Program	Oakland	\$21
251	City-Wide Intelligent Transportation System Program	Oakland	\$240
252	City-Wide Parking Management & Mobility Program	Oakland	\$21
253	City-Wide Paving Program	Oakland	\$1,410
254	City-Wide Traffic Signal System Management	Oakland	\$60
255	Intersection Safety Improvements Program	Oakland	\$20
256	Underpass Improvement Program	Oakland	\$20
257	West Oakland, Jack London District, and Downtown Oakland Connectivity Project	Oakland	\$75
258	City of Pleasanton Automated Traffic Signal Performance Expansion	Pleasanton	<\$1
259	Seaport Pavement Management/Paving Program	Port of Oakland	\$150
260	2035 General Plan Traffic Circulation Improvements	San Leandro	\$24
261	Local Street Rehabilitation and Complete Streets Implementation	San Leandro	\$165
262	San Leandro Street Circulation and Capacity Improvements	San Leandro	\$17
263	Traffic Signal Modernization	San Leandro	\$4

## Programmatic Projects for the 2020 CTP

ID <sup>1</sup>	Project	Sponsor Agency	Total Cost (\$ millions)
<b>Transit Fare Programs</b>			
264	Means-Based Fare Discount Program <sup>2</sup>	BART	\$55
265	LAVTA Integrated Mobility App Development and Implementation	LAVTA	\$2
<b>Transit Planning and Operations</b>			
266	All Door Boarding Pilot Program	AC Transit	\$1
267	Delay Hotspot Correction Program	AC Transit	\$10
268	Fremont and Newark Service Improvements	AC Transit	\$10
269	Infrastructure Analysis and Upgrade Planning	AC Transit	\$1
270	Intra East Bay Express Bus Service	AC Transit	\$6
271	Alameda Shuttle (assumes that the Alameda Shuttle #1, Crosstown Bus #22 and Regional Transit Hub #28 are combined)	Alameda	\$6
272	Bus Service (AC Transit) - Increased Frequencies: Alameda Point Bus Rapid Transit Service (TCP #19), Local Bus Routes (TCP #24), Transbay Bus Routes (TCP #25), Faster Line 51A Bus Service (TCP #33)	Alameda	\$16
273	Water Shuttle Operations	Alameda	\$40
274	LAVTA Individualized Marketing Programs	LAVTA	\$1
275	LAVTA On-Demand First-Mile/Last-Mile Microtransit Program	LAVTA	\$16
276	LAVTA Shared Autonomous Vehicle Demonstration and Deployment	LAVTA	\$50
277	LAVTA Short Range Transit Planning	LAVTA	<\$1
278	Para-Taxi Operations	LAVTA	\$2
279	2nd Transbay Crossing-I-980 Multimodal Boulevard Study	Oakland	\$2
280	Broadway Shuttle Operations and Improvements	Oakland	\$68
281	BART Metro Infill Station Study	Oakland BART	\$1
282	New San Francisco-Oakland Transbay Rail Crossing (advanced planning)	Regional	\$15
283	Alameda/Oakland Ferry Frequency Increase	WETA	\$44
284	Harbor Bay Ferry Frequency Increase	WETA	\$83
285	South San Francisco Frequency Increase	WETA	\$130
<b>Transit Capital Programs</b>			
286	Service Critical Infrastructure Program	AC Transit	\$78
287	Bus Infrastructure: Bus Stop Improvements (TCP #3), Transit Signal Priority (TCP #10), Westline Drive Bus Lane (TCP #17), Alameda Point Bus Rapid Transit (TCP #19) and Bikes in Buses through Posey Tube (TCP #31)	Alameda	\$18
288	BART Station Modernization Program <sup>2</sup>	BART	\$2,273
289	Secure Bike Parking Program <sup>2</sup>	BART	\$6
290	Security Program <sup>2</sup>	BART	\$112
291	Station Access Program <sup>2</sup>	BART	\$234
292	System Reinvestment and Capacity Improvement Program <sup>2</sup>	BART	\$5,237
293	System Support Program <sup>2</sup>	BART	\$78

## Programmatic Projects for the 2020 CTP

ID <sup>1</sup>	Project	Sponsor Agency	Total Cost (\$ millions)
294	Downtown Berkeley Transit Center & Transit Corridor Improvements	Berkeley	\$6
295	Citywide Bus Shelter Improvements	Fremont	\$10
296	AVL System Upgrade	LAVTA	\$1
297	LAVTA Systemwide Passenger Facilities Rehabilitation and Enhancement	LAVTA	\$3
298	Transit Capital Program (with AC)	Oakland	\$100
299	Replacement Fleet Program	UC Transit	\$18
<b>Adaptation and Resilience Programs</b>			
300	Sea Level Rise Resiliency - Doolittle Drive (State Route 61) and Webster/Posey Tubes area (State Route 260) and Critical High Use Roads (City lead)	Alameda	\$20
301	Climate Adaptation/Resiliency and Sustainability Program <sup>2</sup>	BART	\$162
302	Seismic Retrofit Program <sup>2</sup>	BART	\$820
303	Climate Action Plan Implementation	Emeryville	\$25
304	Green Infrastructure Projects Program	Emeryville	\$10
305	Lindsay Tract Green Infrastructure and Storm Drain Improvements	Newark	\$4
306	Green Stormwater Infrastructure in Transportation Program	Oakland	\$45
307	"Big Ship Ready" Marine Terminal Modernization	Port of Oakland	\$74
308	Port Wide Electrification (Phase 2)	Port of Oakland	\$218
309	Seaport Infrastructure Resiliency- Emergency Power System	Port of Oakland	\$20
<b>Transportation Demand Management Programs</b>			
310	Carpool Projects: Casual Carpool Pick-up Spots (TCP #14) and Constitution Way Carpool Lane (TCP #15)	Alameda	\$4
311	Comprehensive Congestion Pricing	Alameda	\$2
312	Transportation Awareness Campaign	Alameda	<\$1
313	Transportation Demand Management: EasyPass Expansion (TCP #4), Public/Private Partnerships (TCP #12), TDM Ordinance (TCP #29) and Citywide TMA (TCP #32)	Alameda	\$6
314	Alameda CTC Transportation Demand Management Program	Alameda CTC	\$20

Notes:

1. Projects are sorted in alphabetical order by sponsor.
2. Represents an approximation of Alameda County share of a regional BART program.

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