

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOE\$, Millions)
Maintain & Optimize Existing Infrastructure			
T1. Restore, Operate & Maintain the Existing System			
Accelerate Restoration of Transit Operations to 2019 Levels	Regional	1. 2021-2035	\$3,000
BART Hayward Maintenance Complex Phase 1	Multi County	1. 2021-2035	\$465
BART Seismic Retrofit Program	Multi County	Various	\$1,830
Maintain & Operate Existing Local Streets & Roads	Regional	Various	\$62,100
Maintain & Operate Existing Transit Service	Regional	Various	\$208,000
Maintain Existing Local Bridges	Regional	Various	\$2,550
Maintain Existing Regional "Toll" Bridges	Regional	Various	\$21,900
Maintain Existing State Highways	Regional	Various	\$24,400
Maintain Existing Transit Capital Assets	Regional	Various	\$59,100
Marin Transit Operations & Maintenance Facility	Marin	1. 2021-2035	\$30
VINE Maintenance Facility	Napa	1. 2021-2035	\$40
Other Programmatic Investments to Operate & Maintain the Existing System	Multi County	Various	\$6,830
T2. Support Community-Led Transportation Enhancements in Communities of Concern			
	Regional	Various	\$8,000
T3. Enable a Seamless Mobility Experience			
		Various	
Station Access & Mobility Improvements	Multi County	Various	\$2,400
Unified Trip Planning & Fare Payments	Regional	Various	\$1,000
Other Programmatic Investments to Enable a Seamless Mobility Experience	Multi County	Various	\$45
T4. Reform Regional Transit Fare Policy			
Measure B Affordable Fare Program	Santa Clara	Various	\$45
Reform Regional Transit Fare Policy	Regional	Various	\$10,000
T5. Implement Per-Mile Tolling on Congested Freeways with Transit Alternatives			
	Regional	1. 2021-2035	\$1,000
T6. Improve Interchanges & Address Highway Bottlenecks			
Bay Area Forward Program	Regional	1. 2021-2035	\$950
Dumbarton Bridge West Side Access Improvements	San Mateo	2. 2036-2050	\$60
I-80 Corridor & Interchange Improvements	Contra Costa	Various	\$130
I-80 Corridor & Interchange Improvements	Solano	Various	\$75
I-80 Yerba Buena Island Interchange Improvement	San Francisco	1. 2021-2035	\$280
I-80/I-680/SR-12 Interchange Improvements + Widening Packages 3-5, 6 & 7	Solano	Various Phases	\$660
I-280 Corridor & Interchange Improvements	San Francisco	1. 2021-2035	\$25
I-280 Corridor & Interchange Improvements	Santa Clara	Various	\$595
I-380 Corridor & Interchange Improvements	San Mateo	1. 2021-2035	\$45
I-580 Corridor & Interchange Improvements	Alameda	Various	\$315
I-680 Corridor & Interchange Improvements	Alameda	2. 2036-2050	\$45
I-680 Corridor & Interchange Improvements	Contra Costa	2. 2036-2050	\$35
I-680 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$95
I-680/SR-4 Interchange Improvements Phases 1, 2, 4, 5	Contra Costa	Various Phases	\$440
I-880 Corridor & Interchange Improvements	Alameda	1. 2021-2035	\$530
I-880 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$20
Richmond-San Rafael Bridge East Side Access Improvements	Contra Costa	1. 2021-2035	\$115
Richmond-San Rafael Bridge Reserve for Post Pilot Recommendation	Multi County	1. 2021-2035	\$60
Soscol Junction Improvements	Napa	1. 2021-2035	\$60
SR-4 Integrated Corridor Mobility	Contra Costa	2. 2036-2050	\$25
SR-4 Operational Improvements	Contra Costa	Various Phases	\$230
SR-4/Vasco Road Widening	Contra Costa	2. 2036-2050	\$510
SR-17 Corridor & Interchange Improvements	Santa Clara	1. 2021-2035	\$50
SR-24 Corridor & Interchange Improvements	Contra Costa	2. 2036-2050	\$40
SR-29 Corridor Improvements	Napa	Various Phases	\$105
SR-37 Interim Project (e.g., Widening + Tolling)	Multi County	1. 2021-2035	\$740
SR-85 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$80
SR-87 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$85
SR-92 Corridor & Interchange Improvements	Alameda	1. 2021-2035	\$40
SR-152 Environmental Studies for New Alignment	Contra Costa	1. 2021-2035	\$50
SR-237 Corridor & Interchange Improvements	Santa Clara	Various	\$415
SR-239 Feasibility Studies & Project Development	Contra Costa	1. 2021-2035	\$30
SR-242 Corridor & Interchange Improvements	Contra Costa	2. 2036-2050	\$90
SR-262 Safety & Interchange Improvements Phase 1	Alameda	2. 2036-2050	\$445
U.S. 101 Corridor & Interchange Improvements	San Mateo	1. 2021-2035	\$900
U.S. 101 Corridor & Interchange Improvements	Santa Clara	Various	\$1,170
U.S. 101 Corridor & Interchange Improvements	Sonoma	1. 2021-2035	\$240
U.S. 101 Marin-Sonoma Narrows	Multi County	1. 2021-2035	\$140
U.S. 101/I-580 Direct Connector	Marin	1. 2021-2035	\$171
Vasco Road/Byron Highway New Connector Road	Contra Costa	2. 2036-2050	\$185
Other Programmatic Investments to Improve Interchanges & Address Highway Bottlenecks	Regional	Various	\$620
T7. Advance Other Regional Programs & Local Priorities			

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOE\$, Millions)
7th Street Grade Separation East	Alameda	1. 2021-2035	\$315
7th Street Grade Separation West	Alameda	1. 2021-2035	\$310
511 Bay Area Program	Regional	2. 2036-2050	\$340
All Electronic Tolling	Regional	2. 2036-2050	\$200
Carpool/Vanpool Program	Regional	2. 2036-2050	\$800
Cost Contingency/Reserve	Regional	Various	\$2,000
Decoto Road Multimodal "Complete Street" Corridor	Alameda	1. 2021-2035	\$20
Goods Movement & Rail Safety	Alameda	Various	\$1,550
I-80 Westbound Truck Scales	Solano	1. 2021-2035	\$250
Management Systems, Travel Demand Management & Emission Reduction Technologies	Regional	Various	\$1,280
Minor Highway/Roadway Improvements (inclusive of local roadway widenings)	Regional	Various	\$5,280
Motorist Aid Services	Regional	2. 2036-2050	\$520
Oakland Army Base Infrastructure Improvements	Alameda	1. 2021-2035	\$300
Quarry Lakes Parkway	Alameda	Various Phases	\$210
Regional Communications Network	Regional	2. 2036-2050	\$600
Regional Planning/Programs	Regional	2. 2036-2050	\$3,000
Other Programmatic Investments to Advance Other Regional Programs & Local Priorities	Regional	Various	\$640

Create Healthy & Safe Streets

T8. Build a Complete Streets Network

* Bay Skyway	Multi County	2. 2036-2050	\$585
* Better Market Street	San Francisco	1. 2021-2035	\$300
Build A Complete Streets Network	Regional	Various	\$7,000
Other Programmatic Investments to Build a Complete Streets Network	Regional	Various	\$5,140
T9. Advance Regional Vision Zero Policy through Street Design & Reduced Speeds			
Advance Regional Vision Zero Policy through Street Design & Reduced Speeds	Regional	2. 2036-2050	\$1,000
Other Programmatic Investments to Advance Regional Vision Zero Policy	Regional	Various	\$3,460

Enhance Regional & Local Transit

T10. Enhance Local Transit Frequency, Capacity & Reliability

AC Transit 23rd Street Corridor Rapid/Bus Rapit Transit	Contra Costa	1. 2021-2035	\$260
AC Transit Alameda Point Transit Network	Alameda	1. 2021-2035	\$500
AC Transit E 14th/Mission & Fremont Blvd Multimodal Corridor	Alameda	1. 2021-2035	\$330
AC Transit Local Service Frequency Increase	Multi County	1. 2021-2035	\$3,760
AC Transit Rapid Network	Multi County	Various	\$2,000
AC Transit San Pablo Bus Rapid Transit	Multi County	1. 2021-2035	\$300
County Connection Bus Service Expansion	Contra Costa	2. 2036-2050	\$35
NVTA Expanded Bus Frequencies	Napa	Various	\$165
SamTrans El Camino Bus Rapid Transit	San Mateo	2. 2036-2050	\$350
San Francisco Downtown San Francisco Congestion Pricing	San Francisco	1. 2021-2035	\$1,090
San Jose Downtown Coordinated Area Plan & Transit Center Improvements	Santa Clara	2. 2036-2050	\$300
San Rafael Transit Center Relocation	Marin	1. 2021-2035	\$50
SFMTA Geary Bus Rapid Transit Phase 2	San Francisco	1. 2021-2035	\$685
SFMTA Geneva-Harney Bus Rapid Transit	San Francisco	1. 2021-2035	\$70
SFMTA Historic Streetcar Extension - Fort Mason to 4th & King	San Francisco	1. 2021-2035	\$70
SFMTA Muni Forward	San Francisco	1. 2021-2035	\$2,630
SFMTA Southeast San Francisco Transit Improvements	San Francisco	1. 2021-2035	\$635
SFMTA T-Third Phase II: Central Subway	San Francisco	1. 2021-2035	\$225
** SFMTA Train Control Upgrade (Core Capacity)	San Francisco	1. 2021-2035	\$690
SFMTA Transit Fleet Expansion Buses	San Francisco	1. 2021-2035	\$260
SFMTA Transit Fleet Expansion Facilities	San Francisco	1. 2021-2035	\$295
SFMTA Transit Fleet Expansion Ligh Rail Vehicle (Core Capacity)	San Francisco	1. 2021-2035	\$205
SFMTA Van Ness Avenue Bus Rapid Transit	San Francisco	1. 2021-2035	\$1,580
Sonoma County Service Frequency Increase	Sonoma	1. 2021-2035	\$330
STA Solano Express Bus to BRT-lite	Solano	1. 2021-2035	\$25
Transit Extension (BRT) from Hillcrest eBART to Brentwood Intermodal Station	Contra Costa	2. 2036-2050	\$295
Treasure Island Congestion Pricing + New Ferry Service (WETA)	San Francisco	1. 2021-2035	\$1,300
VTa Extend Light Rail Transit from Eastridge to BART Regional Connector	Santa Clara	1. 2021-2035	\$590
VTa Extend Light Rail Transit from Winchester Station to SR-85 (Vasona Junction)	Santa Clara	2. 2036-2050	\$555
VTa Fast Transit Implementation	Santa Clara	2. 2036-2050	\$300
VTa High Capacity Transit Corridors	Santa Clara	Various	\$500
VTa Implement El Camino Rapid Transit	Santa Clara	2. 2036-2050	\$25
VTa Light Rail Modernization and Grade Separation Diridon to North San Jose	Santa Clara	2. 2036-2050	\$8,500
VTa Measure B Frequent Core Bus Network - 15 minutes	Santa Clara	2. 2036-2050	\$660
VTa SR 85 Corridor Improvements - Measure B	Santa Clara	2. 2036-2050	\$350
VTa Stevens Creek Rail	Santa Clara	2. 2036-2050	\$2,830

Project Title/Program		County	Anticipated Project Opening	Total Cost (YOE\$, Millions)	
132	<i>Other Programmatic Investments to Enhance Local Transit Frequency, Capacity & Reliability</i>	Regional	Various	\$1,600	132
133	T11. Expand and Modernize the Regional Rail Network				133
134	*** ACE Service Frequency Increase 8 Trains Per Day	Multi County	Various Phases	\$400	134
135	ACE/Capitol Corridor Capital Projects to Enhance Rail Service to Santa Clara (e.g. Alviso Wetlands)	Santa Clara	1. 2021-2035	\$200	135
136	BART Bay Fair Connection	Alameda	1. 2021-2035	\$235	136
137	BART Irvington Station	Alameda	1. 2021-2035	\$230	137
138	BART Rail Vehicle Expansion Procurement Phase 3	Multi County	1. 2021-2035	\$630	138
139	BART Service to Silicon Valley Phase II	Santa Clara	1. 2021-2035	\$10,100	139
140	BART System Expansion & Capacity Improvements	Multi County	Various	\$8,010	140
141	BART Transit Operations Facility	Multi County	Various	\$135	141
142	Caltrain Downtown Extension	San Francisco	1. 2021-2035	\$3,940	142
143	Caltrain Electricification	Multi County	1. 2021-2035	\$1,980	143
144	Caltrain Enhanced Frequency 8 Trains Per Hour	Multi County	2. 2036-2050	\$2,840	144
145	Caltrain Grade Separations	Multi County	Various	\$5,760	145
146	Capitol Corridor South Bay Connect	Alameda	1. 2021-2035	\$265	146
147	Diridon Station Improvements	Santa Clara	2. 2036-2050	\$3,250	147
148	Dumbarton Rail Group Rapid Transit	Multi County	2. 2036-2050	\$3,840	148
149	Ferry Service Antioch, Martinez & Hercules to San Francisco	Contra Costa	1. 2021-2035	\$110	149
150	GGBHTD Ferry Service Enhancements	Multi County	1. 2021-2035	\$485	150
146	High Speed Rail Millbrae SFO Station	San Mateo	1. 2021-2035	\$40	151
147	Millbrae SFO Guideway Improvement	San Mateo	1. 2021-2035	\$175	152
148	Mineta San Jose International Airport Connector Automated People Mover	Santa Clara	2. 2036-2050	\$500	153
149	Regional Hovercraft Pilot Project	San Mateo	1. 2021-2035	\$165	154
150	SMART Extension to Windsor	Sonoma	1. 2021-2035	\$142	155
151	Transbay Rail New San Francisco-Oakland Crossing	Multi County	2. 2036-2050	\$28,800	156
152	Valley Link New Bay Area Service	Alameda	1. 2021-2035	\$2,910	157
153	WETA Berkeley-San Francisco Ferry	Multi County	1. 2021-2035	\$300	158
154	WETA Existing Ferry Service Enhancement	Multi County	1. 2021-2035	\$1,480	159
155	WETA Mission Bay-East & North Bay Ferry	Multi County	1. 2021-2035	\$270	160
156	WETA Redwood City-San Francisco-Oakland Ferry	Multi County	1. 2021-2035	\$470	161
157	<i>Other Programmatic Investments to Expand & Modernize the Regional Rail Network</i>	Regional	Various	\$750	162
158	T12. Build an Integrated Regional Express Lane and Express Bus Network				163
159	AC Transit Transbay Service Increase Phase 1	Multi County	Various Phases	\$230	164
160	GGBHTD Bus Service Enhancements	Multi County	1. 2021-2035	\$395	165
161	I-80 Express Bus Service Improvements Phase 1	Contra Costa	1. 2021-2035	\$280	166
162	I-80 Express Lanes Implementation	Alameda	Various Phases	\$220	167
163	I-80 Express Lanes Implementation	Solano	Various Phases	\$570	168
164	I-280 Express Lanes Implementation	Santa Clara	2. 2036-2050	\$130	169
165	I-580 Express Lanes Implementation	Alameda	1. 2021-2035	\$255	170
166	I-680 Express Bus Service and Transit Improvements	Contra Costa	1. 2021-2035	\$230	171
167	I-680 Express Bus Service to Silicon Valley	Alameda	1. 2021-2035	\$170	172
168	I-680 Express Lanes Implementation	Alameda	Various Phases	\$675	173
169	I-680 Express Lanes Implementation	Contra Costa	1. 2021-2035	\$560	174
170	I-680 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$50	175
171	I-880 Express Lanes Implementation	Alameda	Various Phases	\$395	176
172	I-880 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$70	177
173	NVTA Express Bus Enhancements + Express Buses	Napa	1. 2021-2035	\$45	178
174	ReX Blue Line (Basic Express Bus from San Francisco to San Jose)	Multi County	1. 2021-2035	\$635	179
175	ReX Green Line (Premium Express Bus from Vallejo to SFO Airport)	Multi County	1. 2021-2035	\$1,220	180
176	ReX Red Line (Basic Express Bus from Oakland to Redwood City)	Multi County	1. 2021-2035	\$635	181
177	SamTrans New Regional Express Bus Routes	San Mateo	1. 2021-2035	\$480	182
178	SFMTA Express Bus Service on Express Lanes	San Francisco	1. 2021-2035	\$240	183
179	SR-4 Express Lanes Implementation	Contra Costa	1. 2021-2035	\$75	184
180	SR-84 Express Lanes Implementation	Alameda	2. 2036-2050	\$10	185
181	SR-85 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$230	186
182	SR-85/U.S. 101 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$50	187
183	SR-92 Express Lanes Implementation	Alameda	2. 2036-2050	\$15	188
184	SR-237 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$45	189
185	U.S. 101 Bus Service on Shoulder	Marin	1. 2021-2035	\$10	190
186	U.S. 101 Express Lanes Implementation	San Mateo	1. 2021-2035	\$405	191
187	U.S. 101 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$560	192
188	U.S. 101/I-280 Express Lanes Implementation	San Francisco	1. 2021-2035	\$210	193
189					194
190	Reduce Risks from Hazards (transportation projects only)				195
191	EN1. Adapt to Sea Level Rise				196
192	BART Climate Adaptation/Resiliency & Sustainability Program	Multi County	2. 2036-2050	\$360	197

	Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, Millions)	
193	I-580/US-101/SMART Sea Level Rise Resilience Project	Marin	1. 2021-2035	\$1,045	198
194	SR-37 Long-Term Project (e.g., Sea Level Rise Resilience)	Multi County	2. 2036-2050	\$5,120	199
195	SR-84 Sea Level Rise Resilience Project	Alameda	2. 2036-2050	\$230	200
196	SR-237/VTA Sea Level Rise Resilience Project	Santa Clara	1. 2021-2035	\$180	201
197	US-101 Peninsula Sea Level Rise Resilience Project	San Mateo	2. 2036-2050	\$280	202
198	I-880 Sea Level Rise Resilience Project	Alameda	1. 2021-2035	\$50	203
199					204
200	Reduce Climate Emissions (transportation projects only)				205
201	EN8. Expand Clean Vehicle Initiatives	Regional	Various	\$4,500	206
202	EN9. Expand Transportation Demand Management Strategies	Regional	Various	\$500	207

Notes:

- * Costs overlap with regional program to build a complete streets network.
- ** Costs overlap with regional program to maintain existing transit capital assets.
- *** Capital costs overlap with capital projects program to enhance rail service to Santa Clara.

Other *'Programmatic Investments'* will be listed as projects or organized into programmatic categories for final Plan adoption.

This transportation project list is contingent on the inclusion of revenues from a regional all-lane tolling strategy.