

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, 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
<i>Other Programmatic Investments to Operate & Maintain the Existing System</i>	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			
Station Access & Mobility Improvements	Multi County	Various	\$2,400
Unified Trip Planning & Fare Payments	Regional	Various	\$1,000
<i>Other Programmatic Investments to Enable a Seamless Mobility Experience</i>	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	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
<i>Other Programmatic Investments to Improve Interchanges & Address Highway Bottlenecks</i>	Regional	Various	\$620
T7. Advance Other Regional Programs & Local Priorities			
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

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, Millions)
70 Carpool/Vanpool Program	Regional	2. 2036-2050	\$800 70
71 Cost Contingency/Reserve	Regional	Various	\$2,000 71
72 Decoto Road Multimodal "Complete Street" Corridor	Alameda	1. 2021-2035	\$20 72
73 Goods Movement & Rail Safety	Alameda	Various	\$1,550 73
74 I-80 Westbound Truck Scales	Solano	1. 2021-2035	\$250 74
75 Management Systems, Travel Demand Management & Emission Reduction Technologies	Regional	Various	\$1,280 75
76 Minor Highway/Roadway Improvements (inclusive of local roadway widenings)	Regional	Various	\$5,280 76
77 Motorist Aid Services	Regional	2. 2036-2050	\$520 77
78 Oakland Army Base Infrastructure Improvements	Alameda	1. 2021-2035	\$300 78
79 Quarry Lakes Parkway	Alameda	Various Phases	\$210 79
80 Regional Communications Network	Regional	2. 2036-2050	\$600 80
81 Regional Planning/Programs	Regional	2. 2036-2050	\$3,000 81
82 <i>Other Programmatic Investments to Advance Other Regional Programs & Local Priorities</i>	Regional	Various	\$640 82
83			83
84 Create Healthy & Safe Streets			84
85 T8. Build a Complete Streets Network			85
86 * Bay Skyway	Multi County	2. 2036-2050	\$585 86
87 * Better Market Street	San Francisco	1. 2021-2035	\$300 87
88 Build A Complete Streets Network	Regional	Various	\$7,000 88
89 <i>Other Programmatic Investments to Build a Complete Streets Network</i>	Regional	Various	\$5,140 89
90 T9. Advance Regional Vision Zero Policy through Street Design & Reduced Speeds			90
91 Advance Regional Vision Zero Policy through Street Design & Reduced Speeds	Regional	2. 2036-2050	\$1,000 91
92 <i>Other Programmatic Investments to Advance Regional Vision Zero Policy</i>	Regional	Various	\$3,460 92
93			93
94 Enhance Regional & Local Transit			94
95 T10. Enhance Local Transit Frequency, Capacity & Reliability			95
96 AC Transit 23rd Street Corridor Rapid/Bus Rapid Transit	Contra Costa	1. 2021-2035	\$260 96
97 AC Transit Alameda Point Transit Network	Alameda	1. 2021-2035	\$500 97
98 AC Transit E 14th/Mission & Fremont Blvd Multimodal Corridor	Alameda	1. 2021-2035	\$330 98
99 AC Transit Local Service Frequency Increase	Multi County	1. 2021-2035	\$3,760 99
100 AC Transit Rapid Network	Multi County	Various	\$2,000 100
101 AC Transit San Pablo Bus Rapid Transit	Multi County	1. 2021-2035	\$300 101
102 County Connection Bus Service Expansion	Contra Costa	2. 2036-2050	\$35 102
103 NVRTA Expanded Bus Frequencies	Napa	Various	\$165 103
104 SamTrans El Camino Bus Rapid Transit	San Mateo	2. 2036-2050	\$350 104
105 San Francisco Downtown San Francisco Congestion Pricing	San Francisco	1. 2021-2035	\$1,090 105
106 San Jose Downtown Coordinated Area Plan & Transit Center Improvements	Santa Clara	2. 2036-2050	\$300 106
107 San Rafael Transit Center Relocation	Marin	1. 2021-2035	\$50 107
108 SFMTA Geary Bus Rapid Transit Phase 2	San Francisco	1. 2021-2035	\$685 108
109 SFMTA Geneva-Harney Bus Rapid Transit	San Francisco	1. 2021-2035	\$70 109
110 SFMTA Historic Streetcar Extension - Fort Mason to 4th & King	San Francisco	1. 2021-2035	\$70 110
111 SFMTA Muni Forward	San Francisco	1. 2021-2035	\$2,630 111
112 SFMTA Southeast San Francisco Transit Improvements	San Francisco	1. 2021-2035	\$635 112
113 SFMTA T-Third Phase II: Central Subway	San Francisco	1. 2021-2035	\$225 113
114 ** SFMTA Train Control Upgrade (Core Capacity)	San Francisco	1. 2021-2035	\$690 114
115 SFMTA Transit Fleet Expansion Buses	San Francisco	1. 2021-2035	\$260 115
116 SFMTA Transit Fleet Expansion Facilities	San Francisco	1. 2021-2035	\$295 116
117 SFMTA Transit Fleet Expansion Light Rail Vehicle (Core Capacity)	San Francisco	1. 2021-2035	\$205 117
118 SFMTA Van Ness Avenue Bus Rapid Transit	San Francisco	1. 2021-2035	\$1,580 118
119 Sonoma County Service Frequency Increase	Sonoma	1. 2021-2035	\$330 119
120 STA Solano Express Bus to BRT-lite	Solano	1. 2021-2035	\$25 120
121 Transit Extension (BRT) from Hillcrest eBART to Brentwood Intermodal Station	Contra Costa	2. 2036-2050	\$295 121
122 Treasure Island Congestion Pricing + New Ferry Service (WETA)	San Francisco	1. 2021-2035	\$1,300 122
123 VTA Extend Light Rail Transit from Eastridge to BART Regional Connector	Santa Clara	1. 2021-2035	\$590 123
124 VTA Extend Light Rail Transit from Winchester Station to SR-85 (Vasona Junction)	Santa Clara	2. 2036-2050	\$555 124
125 VTA Fast Transit Implementation	Santa Clara	2. 2036-2050	\$300 125
126 VTA High Capacity Transit Corridors	Santa Clara	Various	\$500 126
127 VTA Implement El Camino Rapid Transit	Santa Clara	2. 2036-2050	\$25 127
128 VTA Light Rail Modernization Downtown San Jose (Diridon to Japantown Tunnel)	Santa Clara	2. 2036-2050	\$3,300 128
129 VTA Light Rail Modernization Select North San Jose Grade Separations & Service Frequency Increase	Santa Clara	2. 2036-2050	\$2,200 129
130 VTA Measure B Frequent Core Bus Network - 15 minutes	Santa Clara	2. 2036-2050	\$660 130
131 VTA SR 85 Corridor Improvements - Measure B	Santa Clara	2. 2036-2050	\$350 131
132 VTA Stevens Creek Rail	Santa Clara	2. 2036-2050	\$2,830 132
133 <i>Other Programmatic Investments to Enhance Local Transit Frequency, Capacity & Reliability</i>	Regional	Various	\$1,600 133
134 T11. Expand and Modernize the Regional Rail Network			134
135 *** ACE Service Frequency Increase 8 Trains Per Day	Multi County	Various Phases	\$400 135
136 ACE/Capitol Corridor Capital Projects to Enhance Rail Service to Santa Clara (e.g. Alviso Wetlands)	Santa Clara	1. 2021-2035	\$200 136
137 BART Bay Fair Connection	Alameda	1. 2021-2035	\$235 137
138 BART Irvington Station	Alameda	1. 2021-2035	\$230 138
139 BART Rail Vehicle Expansion Procurement Phase 3	Multi County	1. 2021-2035	\$630 139

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, Millions)
140 BART Service to Silicon Valley Phase II	Santa Clara	1. 2021-2035	\$10,100
141 BART System Expansion & Capacity Improvements	Multi County	Various	\$8,010
142 BART Transit Operations Facility	Multi County	Various	\$135
143 Caltrain Enhanced Frequency 8 Trains Per Hour	Multi County	2. 2036-2050	\$2,840
144 Caltrain/High Speed Rail Downtown Extension	San Francisco	1. 2021-2035	\$3,940
145 Caltrain/High Speed Rail Electrification	Multi County	1. 2021-2035	\$1,980
146 Caltrain/High Speed Rail Grade Separations and Modernization	Multi County	Various	\$5,760
147 Caltrain/High Speed Rail Electrification and Modernization (Tamien to Pacheco Pass)	Santa Clara	2. 2036-2050	\$3,000
148 Capitol Corridor South Bay Connect	Alameda	1. 2021-2035	\$265
149 Diridon Station Improvements	Santa Clara	2. 2036-2050	\$3,250
150 Dumbarton Rail Group Rapid Transit	Multi County	2. 2036-2050	\$3,840
151 Ferry Service Antioch, Martinez & Hercules to San Francisco	Contra Costa	1. 2021-2035	\$110
152 GGBHTD Ferry Service Enhancements	Multi County	1. 2021-2035	\$485
153 High Speed Rail Millbrae SFO Station	San Mateo	1. 2021-2035	\$40
154 Millbrae SFO Guideway Improvement	San Mateo	1. 2021-2035	\$175
155 Mineta San Jose International Airport Connector Automated People Mover	Santa Clara	2. 2036-2050	\$500
156 Regional Hovercraft Pilot Project	San Mateo	1. 2021-2035	\$165
157 SMART Extension to Windsor	Sonoma	1. 2021-2035	\$142
158 Transbay Rail New San Francisco-Oakland Crossing	Multi County	2. 2036-2050	\$28,800
159 Valley Link New Bay Area Service	Alameda	1. 2021-2035	\$2,910
160 WETA Berkeley-San Francisco Ferry	Multi County	1. 2021-2035	\$300
161 WETA Existing Ferry Service Enhancement	Multi County	1. 2021-2035	\$1,480
162 WETA Mission Bay-East & North Bay Ferry	Multi County	1. 2021-2035	\$270
163 WETA Redwood City-San Francisco-Oakland Ferry	Multi County	1. 2021-2035	\$470
164 Other Programmatic Investments to Expand & Modernize the Regional Rail Network	Regional	Various	\$750
165 T12. Build an Integrated Regional Express Lane and Express Bus Network			
166 AC Transit Transbay Service Increase Phase 1	Multi County	Various Phases	\$230
167 GGBHTD Bus Service Enhancements	Multi County	1. 2021-2035	\$395
168 I-80 Express Bus Service Improvements Phase 1	Contra Costa	1. 2021-2035	\$280
169 I-80 Express Lanes Implementation	Alameda	Various Phases	\$220
170 I-80 Express Lanes Implementation	Solano	Various Phases	\$570
171 I-280 Express Lanes Implementation	Santa Clara	2. 2036-2050	\$130
172 I-580 Express Lanes Implementation	Alameda	1. 2021-2035	\$255
173 I-680 Express Bus Service and Transit Improvements	Contra Costa	1. 2021-2035	\$230
174 I-680 Express Bus Service to Silicon Valley	Alameda	1. 2021-2035	\$170
175 I-680 Express Lanes Implementation	Alameda	Various Phases	\$675
176 I-680 Express Lanes Implementation	Contra Costa	1. 2021-2035	\$560
177 I-680 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$50
178 I-880 Express Lanes Implementation	Alameda	Various Phases	\$395
179 I-880 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$70
180 NVTA Express Bus Enhancements + Express Buses	Napa	1. 2021-2035	\$45
181 ReX Blue Line (Basic Express Bus from San Francisco to San Jose)	Multi County	1. 2021-2035	\$635
182 ReX Green Line (Premium Express Bus from Vallejo to SFO Airport)	Multi County	1. 2021-2035	\$1,220
183 ReX Red Line (Basic Express Bus from Oakland to Redwood City)	Multi County	1. 2021-2035	\$635
184 SamTrans New Regional Express Bus Routes	San Mateo	1. 2021-2035	\$480
185 SFMTA Express Bus Service on Express Lanes	San Francisco	1. 2021-2035	\$240
186 SR-4 Express Lanes Implementation	Contra Costa	1. 2021-2035	\$75
187 SR-84 Express Lanes Implementation	Alameda	2. 2036-2050	\$10
188 SR-85 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$230
189 SR-85/U.S. 101 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$50
190 SR-92 Express Lanes Implementation	Alameda	2. 2036-2050	\$15
191 SR-237 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$45
192 U.S. 101 Bus Service on Shoulder	Marin	1. 2021-2035	\$10
193 U.S. 101 Express Lanes Implementation	San Mateo	1. 2021-2035	\$405
194 U.S. 101 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$560
195 U.S. 101/I-280 Express Lanes Implementation	San Francisco	1. 2021-2035	\$210
196			
197 Reduce Risks from Hazards (transportation projects only)			
198 EN1. Adapt to Sea Level Rise			
199 BART Climate Adaptation/Resiliency & Sustainability Program	Multi County	2. 2036-2050	\$360
200 I-580/US-101/SMART Sea Level Rise Resilience Project	Marin	1. 2021-2035	\$1,045
201 SR-37 Long-Term Project (e.g., Sea Level Rise Resilience)	Multi County	2. 2036-2050	\$5,120
202 SR-84 Sea Level Rise Resilience Project	Alameda	2. 2036-2050	\$230
203 SR-237/VTA Sea Level Rise Resilience Project	Santa Clara	1. 2021-2035	\$180
204 US-101 Peninsula Sea Level Rise Resilience Project	San Mateo	2. 2036-2050	\$280
205 I-880 Sea Level Rise Resilience Project	Alameda	1. 2021-2035	\$50
206			
207 Reduce Climate Emissions (transportation projects only)			
208 EN8. Expand Clean Vehicle Initiatives	Regional	Various	\$4,500
209 EN9. Expand Transportation Demand Management Strategies	Regional	Various	\$500

Final Blueprint: Transportation Element (Fiscally-Constrained Projects)

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, Millions)
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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.