



# **Project Performance Assessment**

**DRAFT Results  
Summary Tables  
(available on-line)**

**November 4, 2011**

**Metropolitan Transportation Commission**

## Detailed Tables Available On-Line

With material for the November 4, 2011 MTC Planning Committee:

<http://apps.mtc.ca.gov/events/agendaView.akt?p=1763>

1. Benefit-Cost Assessment – Nominal Annual Benefits - DRAFT
2. Benefit-Cost Assessment – Monetized Annual Benefits - DRAFT
3. Confidence Assessment of Benefit-Cost Results - DRAFT
4. Targets Assessment of Large Projects - DRAFT
5. Targets Assessment of Small Projects by Project Type - DRAFT
6. Project Assessment Equity Considerations - DRAFT

For discussion of the project assessment methodology and approach, please see the October 28, 2011 staff memorandum and the November 4, 2011 staff presentation to the MTC Planning Committee at:

<http://apps.mtc.ca.gov/events/agendaView.akt?p=1763> .

Summary tables provided as handouts at the November 4 Planning Committee meeting are also available at this web address.

Project ID	Project Name	County	Project Type	Project Capital Costs [in millions]	Net Annual O&M Costs [in millions]	Total Annualized 2035 Benefits [in millions]	Total Annualized 2035 Costs [in millions]	B/C Ratio	TRAVEL TIME BENEFITS					TOTAL	TRAVEL COST BENEFITS		AIR POLLUTANT BENEFITS		COLLISIONS & ACTIVE TRANSPORT BENEFITS			
									Auto/Truck [in millions of hours]	Auto/Truck (Non-Recurr. Delay) [in millions of hours]	Transit In-Vehicle [in millions of hours]	Transit Out-of-Vehicle [in millions of hours]	Walk/Bike [in millions of hours]		VMT [in millions]	Vehicles Owned	PM2.5 [in tons]	CO2 [in thousands of metric tons]	Fatalities due to Collisions	Injuries due to Collisions	Property Damage Only (PDO) Collisions	Active Individuals
22780	AC Transit Grand-MacArthur BRT	ALA/3434	Transit Efficiency	\$ 36.0	\$ -	\$ 31.5	\$ 1.8	18	(1.4)	(0.1)	0.1	(0.1)	0.0	(1.5)	(6)	(53)	(0.9)	(8)	(0.1)	(4)	(7)	98
22062	Irvington BART Station	ALA	Transit Efficiency	\$ 123.0	\$ -	\$ 18.7	\$ 1.5	12	(0.6)	(0.1)	0.2	(0.1)	(0.0)	(0.6)	(6)	(357)	(0.5)	(4)	(0.1)	(4)	(6)	763
94506	Fremont/Union City East-West Connector	ALA	Arterial Expansion	\$ 190.0	\$ 0.5	\$ 65.5	\$ 10.0	7	(3.7)	(0.2)	0.0	0.0	0.0	(3.9)	2	164	(1.6)	(20)	(0.1)	(10)	3	(449)
982071	Alameda-Oakland BRT + Transit Access Improvements	ALA	Transit Efficiency	\$ 15.8	\$ 1.3	\$ 13.6	\$ 2.1	6	(0.1)	0.0	(0.0)	(0.3)	0.0	(0.4)	(1)	12	0.0	0	(0.0)	(1)	(1)	(200)
22455	AC Transit East Bay BRT	ALA/3434	Transit Efficiency	\$ 211.0	\$ 1.0	\$ 62.0	\$ 11.6	5	(0.8)	(0.0)	(1.2)	(0.9)	(0.1)	(3.0)	6	187	(0.3)	(4)	0.0	3	8	(100)
240062, 22776	SR-84/I-680 Interchange Improvements + SR-84 Widening (Jack London to I-680)	ALA	Highway Expansion	\$ 380.5	\$ 1.7	\$ 87.1	\$ 20.7	4	(5.0)	(0.6)	(0.1)	0.1	(0.0)	(5.6)	16	446	(1.4)	(19)	(0.0)	(2)	23	(624)
240196	BART to Livermore (Phase 1: 1-Station Rail Extension with Bus Enhancements)	ALA	Transit Expansion	\$ 1,250.0	\$ 7.7	\$ 49.6	\$ 41.7	1	(2.2)	(0.3)	1.8	(0.5)	(0.1)	(1.3)	(26)	(651)	(1.9)	(16)	(0.2)	(16)	(27)	657
22667	BART to Livermore (Phases 1 & 2: Rail Extension)	ALA	Transit Expansion	\$ 4,177.0	\$ 14.2	\$ 56.7	\$ 153.4	0.4	(2.2)	(0.3)	1.4	(0.5)	(0.1)	(1.7)	(26)	(651)	(1.9)	(16)	(0.2)	(16)	(27)	657
230101	Union City Commuter Rail Station + Dumbarton Rail Segment G Improvements	ALA/3434	Transit Efficiency	\$ 180.0	\$ -	\$ (0.1)	\$ 2.3	0.0	(0.1)	0.1	0.0	0.0	(0.0)	0.0	(1)	(8)	0.0	0	(0.0)	(1)	(1)	29
22400	SR-239 Expressway Construction (Brentwood to Tracy)	CC	Highway Expansion	\$ 372.7	\$ 1.9	\$ 143.8	\$ 20.6	7	(8.5)	(0.2)	0.0	0.0	(0.0)	(8.6)	18	363	(2.7)	(38)	(0.4)	(32)	28	(553)
21205, 22350	I-680/SR-4 Interchange Improvements + SR-4 Widening (Morello Avenue to SR-242)	CC	Highway Expansion	\$ 396.3	\$ 1.4	\$ 65.4	\$ 21.2	3	(2.8)	(0.5)	(0.4)	(0.3)	0.0	(4.0)	6	2,774	0.2	6	(0.1)	(6)	19	(244)
22605	SR-4 Bypass Completion (SR-160 to Walnut Avenue)	CC	Highway Expansion	\$ 149.9	\$ 1.1	\$ 15.5	\$ 8.6	2	(0.6)	(0.0)	0.0	(0.0)	(0.0)	(0.6)	(5)	(32)	0.2	8	(0.5)	(38)	(5)	(16)
22343	I-680 Express Bus Service Frequency Improvements (Phase 2)	CC	Transit Efficiency	\$ 59.7	\$ 6.4	\$ 12.2	\$ 10.7	1	(0.5)	0.0	0.2	(0.1)	(0.0)	(0.4)	(4)	(181)	(0.4)	(3)	(0.0)	(3)	(4)	333
230252	Marin Countywide Bus Service Frequency Improvements	MRN	Transit Efficiency	\$ -	\$ 12.3	\$ 8.9	\$ 12.3	0.7	(0.3)	(0.0)	0.5	(0.1)	(0.1)	0.0	(8)	(475)	(0.4)	(3)	(0.1)	(6)	(8)	1,439
240182	BART Metro Program (including Bay Fair Connection and Civic Center Turnback)	Multi-Cty.	Transit Efficiency	\$ 350.0	\$ (18.5)	\$ 161.3	\$ (6.8)	>60	(3.0)	(0.2)	0.9	(2.6)	(0.1)	(5.0)	(31)	(1,373)	(1.9)	(17)	(0.3)	(21)	(32)	2,735
240523, 240060	US-101 HOV Lanes (Whipple Avenue to Cesar Chavez Street)	Multi-Cty.	Road Efficiency	\$ 330.7	\$ 2.8	\$ 122.7	\$ 19.3	6	(5.0)	(1.2)	(0.4)	(0.0)	0.1	(6.5)	(29)	(451)	(0.8)	(1)	(0.2)	(14)	(5)	(281)
HOte	CTC Application + Alameda County Authorized Lanes Express Lanes Network	Multi-Cty.	Express Lanes Network	\$ 2,364.0	\$ -	\$ 601.6	\$ 118.2	5	(15.7)	(24.3)	(2.7)	(0.6)	(0.3)	(43.5)	235	5,456	9.8	39	1.3	78	298	(5,050)
240134, 21627	Caltrain Service Frequency Improvements (6-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-Cty.	Transit Efficiency	\$ 847.7	\$ 5.6	\$ 152.5	\$ 33.9	5	(3.3)	(0.3)	1.0	(1.5)	(0.0)	(4.1)	(69)	(2,438)	(3.0)	(23)	(0.6)	(42)	(70)	5,760
22227, 240328, 240334	Geneva Avenue Corridor Improvements (Roadway Extension, BRT, and Southern Intermodal Terminal)	Multi-Cty.	Transit Efficiency	\$ 215.7	\$ 3.7	\$ 36.1	\$ 14.5	2	(1.5)	(0.0)	(0.1)	(0.1)	(0.0)	(1.7)	(6)	(174)	(1.0)	(9)	(0.1)	(7)	(5)	(105)
00BART	BART Service Frequency Improvements	Multi-Cty.	Transit Efficiency	\$ 1,274.7	\$ 13.1	\$ 126.0	\$ 55.6	2	(3.2)	(0.4)	1.2	(1.5)	(0.0)	(3.8)	(42)	(1,390)	(2.6)	(23)	(0.4)	(28)	(43)	2,753
230604	Bay Bridge Contraflow Lane	Multi-Cty.	Road Efficiency	\$ 610.5	\$ -	\$ 66.8	\$ 30.5	2	(2.7)	0.1	(2.6)	0.3	0.1	(4.9)	(7)	317	(1.2)	(11)	0.4	32	4	(2,591)
240018	Dumbarton Corridor Express Bus	Multi-Cty.	Transit Efficiency	\$ 101.0	\$ 4.5	\$ 22.6	\$ 11.7	2	(0.5)	(0.1)	0.4	(0.4)	(0.0)	(0.6)	(6)	(200)	(0.4)	(4)	(0.1)	(4)	(6)	552
22511, 22512, 22122, 230613, 22120, 230581	WETA Service Expansion (Treasure Island, Berkeley/Albany, Richmond, Hercules, and Redwood City)	Multi-Cty./ 3434	Transit Expansion	\$ 320.2	\$ 15.7	\$ 41.3	\$ 22.1	2	(2.8)	(0.3)	0.7	0.6	0.0	(1.8)	(27)	(790)	(1.9)	(16)	(0.3)	(18)	(28)	1,714
240521, 240134, 21627	Caltrain Vision (10-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-Cty.	Transit Efficiency	\$ 5,598.7	\$ 33.7	\$ 272.0	\$ 220.3	1	(5.6)	(0.5)	2.3	(2.8)	(0.1)	(6.9)	(124)	(4,553)	(5.7)	(44)	(1.1)	(75)	(126)	10,025
230055	Golden Gate Ferry Service Frequency Improvements	Multi-Cty.	Transit Efficiency	\$ 34.4	\$ 3.3	\$ 5.8	\$ 4.4	1	(0.4)	(0.0)	0.5	0.0	(0.0)	0.0	(4)	(286)	(0.4)	(3)	(0.1)	(4)	(4)	661
00ACT1	AC Transit Service Frequency Improvements	Multi-Cty.	Transit Efficiency	\$ 654.3	\$ 463.6	\$ 605.7	\$ 510.3	1	(12.7)	(1.3)	13.0	(11.6)	(0.6)	(13.2)	(173)	(9,548)	(8.7)	(72)	(1.7)	(118)	(171)	9,442

Project ID	Project Name	County	Project Type	Project Capital Costs [in millions]	Net Annual O&M Costs [in millions]	Total Annualized 2035 Benefits [in millions]	Total Annualized 2035 Costs [in millions]	B/C Ratio	TRAVEL TIME BENEFITS					TOTAL	TRAVEL COST BENEFITS		AIR POLLUTANT BENEFITS		COLLISIONS & ACTIVE TRANSPORT BENEFITS			
									Auto/Truck [in millions of hours]	Auto/Truck (Non-Recurr. Delay) [in millions of hours]	Transit In-Vehicle [in millions of hours]	Transit Out-of-Vehicle [in millions of hours]	Walk/Bike [in millions of hours]		VMT [in millions]	Vehicles Owned	PM2.5 [in tons]	CO2 [in thousands of metric tons]	Fatalities due to Collisions	Injuries due to Collisions	Property Damage Only (PDO) Collisions	Active Individuals
98147, 240691	Marin-Sonoma Narrows (Phase 2: HOV Lanes)	Multi-Cty.	Road Efficiency	\$ 300.0	\$ 2.7	\$ 20.0	\$ 17.7	1	(0.5)	(0.4)	(0.4)	(0.1)	0.0	(1.4)	14	235	0.5	9	0.1	8	17	(601)
240216	Dumbarton Rail	Multi-Cty./ 3434	Transit Expansion	\$ 755.0	\$ 11.1	\$ 30.7	\$ 36.3	0.8	(1.1)	(0.2)	0.4	(0.1)	(0.0)	(1.0)	(16)	(502)	(0.9)	(8)	(0.2)	(11)	(16)	942
240676, 240675, 240677	SMART (Phase 2: Extensions to Cloverdale & Larkspur + IOS Cost Deferrals)	Multi-Cty./ 3434	Transit Expansion	\$ 282.9	\$ 3.8	\$ 9.7	\$ 13.2	0.7	(0.3)	(0.1)	0.1	(0.1)	(0.0)	(0.3)	(5)	(161)	(0.2)	(1)	(0.0)	(3)	(5)	252
230219, 230314	Golden Gate Bus Service Frequency Improvements	Multi-Cty.	Transit Efficiency	\$ 143.2	\$ 18.9	\$ 15.7	\$ 29.1	0.5	(0.3)	(0.0)	0.3	(0.3)	(0.0)	(0.4)	(5)	(144)	(0.3)	(2)	(0.0)	(4)	(5)	248
98139	ACE Service Expansion	Multi-Cty./ 3434	Transit Efficiency	\$ 600.0	\$ 46.5	\$ 19.1	\$ 66.5	0.3	(0.8)	(0.2)	(0.2)	0.3	(0.0)	(0.9)	(17)	(267)	(1.0)	(8)	(0.2)	(11)	(19)	537
22009	Capitol Corridor Service Frequency Improvements (Oakland to San Jose)	Multi-Cty./ 3434	Transit Efficiency	\$ 508.5	\$ 1.2	\$ 1.0	\$ 18.2	0.1	(0.1)	(0.0)	0.0	0.0	(0.0)	(0.1)	1	(12)	(0.0)	(0)	0.0	0	1	29
240617	SR-29 HOV Lanes and BRT (Napa Junction to Vallejo)	NAP	Road Efficiency	\$ 60.0	\$ 1.2	\$ 10.9	\$ 4.2	3	(0.4)	(0.2)	(0.0)	0.0	0.0	(0.5)	(1)	(45)	0.0	3	(0.1)	(11)	(0)	976
230419	Freeway Performance Initiative	Reg.	FPI	\$ 2,991.0	\$ 54.2	\$ 3,174.9	\$ 202.5	16	(155.9)	(9.8)	(2.9)	(0.9)	(0.5)	(170.0)	(65)	(5,163)	(100.1)	(2,100)	(29.0)	201	4	(3,021)
n/a	Local Streets and Roads Capital Maintenance Needs	Reg.	Maintenance	\$ -	\$ 280.0	\$ 1,369.3	\$ 280.0	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240410	Transportation for Livable Communities	Reg.	TLC	\$ 7,131.3	\$ 0.0	\$ 874.8	\$ 254.7	3	(15.3)	(0.6)	(1.5)	(1.7)	2.6	(16.5)	(392)	(27,961)	(7.7)	(174)	(4.2)	(298)	(461)	167,639
22247	Regional Bikeway Network	Reg.	Bike/Ped	\$ 1,464.0	\$ -	\$ 124.5	\$ 73.2	2	(1.2)	(0.1)	(0.1)	(0.1)	0.2	(1.4)	(34)	(2,417)	(0.7)	(15)	(0.4)	(26)	(40)	54,406
n/a	New Freedom Program	Reg.	Lifeline/New Freedom	\$ -	\$ 2.0	\$ 3.3	\$ 2.0	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	Transit Capital Maintenance Needs	Reg.	Maintenance	\$ -	\$ 1,285.7	\$ 1,787.1	\$ 1,285.7	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
230550	Climate Initiatives (5-year program)	Reg.	Climate	\$ 560.0	\$ -	\$ 158.0	\$ 112.0	1	(0.8)	(0.0)	(0.1)	(0.1)	0.1	(0.9)	(21)	(1,497)	(0.4)	(2,216)	(0.2)	(16)	(25)	n/a
240690	Lifeline Program	Reg.	Lifeline/New Freedom	\$ -	\$ 119.0	\$ 10.0	\$ 119.0	0.1	(0.2)	(0.0)	(0.0)	(0.0)	0.0	(0.2)	(6)	418	(0.1)	(3)	(0.1)	(4)	(7)	n/a
240589	EV Solar Installation [BAAQMD program]	Reg.	Climate	\$ 1.3	\$ 0.3	\$ 0.0	\$ 1.5	0.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0	(0)	n/a	n/a	n/a	n/a
240582	Truck & Motorcycle Retirement [BAAQMD program]	Reg.	Climate	\$ 5.7	\$ 0.3	\$ 0.2	\$ 6.0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	(0.2)	0	n/a	n/a	n/a	n/a
240577	Heavy-Duty Truck Replacement [BAAQMD program]	Reg.	Climate	\$ 42.2	\$ 1.8	\$ 0.1	\$ 44.0	0.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	(0.2)	0	n/a	n/a	n/a	n/a
240694	Treasure Island Congestion Pricing	SF	Pricing	\$ 58.9	\$ -	\$ 69.1	\$ 1.2	59	(2.3)	(0.1)	1.3	(0.5)	0.0	(1.7)	(25)	(1,540)	(1.4)	(11)	(0.2)	(18)	(25)	2,483
240522	Congestion Pricing Pilot	SF	Pricing	\$ 101.8	\$ -	\$ 227.4	\$ 5.1	45	(6.3)	(0.2)	4.3	(1.5)	1.2	(2.4)	(85)	(9,583)	(4.6)	(40)	(1.0)	(75)	(91)	11,899
240171	SFMTA Transit Effectiveness Project	SF	Transit Efficiency	\$ 156.9	\$ -	\$ 89.5	\$ 7.8	11	(2.1)	(0.2)	1.0	(1.7)	(0.1)	(3.1)	(11)	(311)	(1.5)	(14)	(0.1)	(8)	(10)	(3,811)
230161	Van Ness Avenue BRT	SF/3434	Transit Efficiency	\$ 139.5	\$ -	\$ 44.1	\$ 7.0	6	(1.2)	(0.1)	(0.4)	(0.1)	(0.1)	(2.0)	(11)	(340)	(0.9)	(8)	(0.1)	(9)	(12)	895
240155	Better Market Street	SF	Transit Efficiency	\$ 200.0	\$ -	\$ 56.5	\$ 10.0	6	(2.0)	(0.4)	(0.9)	(0.2)	0.3	(3.1)	(12)	436	(0.4)	(1)	(0.2)	(14)	(2)	(423)
240557	Oakdale Caltrain Station	SF	Transit Efficiency	\$ 51.2	\$ -	\$ 2.8	\$ 0.6	4	(0.1)	0.0	0.1	(0.0)	(0.0)	(0.0)	(1)	(68)	(0.1)	(1)	(0.0)	(1)	(2)	76
240147	Southeast Waterfront Transportation Improvements	SF	Transit Efficiency	\$ 397.0	\$ 16.1	\$ 88.1	\$ 36.0	2	(1.7)	(0.1)	0.2	(1.4)	(0.1)	(3.0)	(12)	(558)	(1.0)	(9)	(0.2)	(13)	(11)	(756)
00MUNI	Muni Service Frequency Improvements	SF	Transit Efficiency	\$ -	\$ 14.0	\$ 24.7	\$ 14.0	2	(0.2)	0.0	0.2	(0.7)	0.0	(0.7)	(1)	(58)	(0.0)	(0)	(0.0)	(2)	(1)	(1,058)
240526	SFCTA Transit Performance Initiative	SF	Transit Efficiency	\$ 489.8	\$ -	\$ 28.4	\$ 16.3	2	(0.4)	(0.1)	(0.6)	(0.1)	(0.1)	(1.2)	(5)	(404)	(0.4)	(3)	(0.1)	(4)	(5)	338
240545	Parkmerced Light Rail Corridor	SF	Transit Efficiency	\$ 76.0	\$ 2.0	\$ 6.3	\$ 4.5	1	(0.2)	0.1	0.4	(0.2)	(0.1)	(0.0)	(0)	(168)	(0.1)	(1)	(0.0)	(1)	(0)	(135)
230164	Geary Boulevard BRT	SF	Transit Efficiency	\$ 242.3	\$ -	\$ 15.1	\$ 12.1	1	(0.1)	0.0	0.1	(0.3)	(0.0)	(0.3)	(2)	(191)	(0.1)	(2)	(0.0)	(1)	(2)	463
22415	Historic Streetcar Expansion Program	SF	Transit Efficiency	\$ 66.4	\$ 7.2	\$ 8.6	\$ 9.4	0.9	(0.3)	0.0	0.1	0.0	(0.2)	(0.3)	(1)	(306)	(0.2)	(1)	(0.0)	(1)	(0)	76
230290	Transbay Transit Center - Phase 2B (Caltrain Downtown Extension)	SF/3434	Transit Expansion	\$ 1,174.0	\$ 16.2	\$ 25.2	\$ 30.9	0.8	(0.9)	(0.2)	0.7	(0.1)	(0.0)	(0.5)	(22)	(545)	(1.0)	(8)	(0.2)	(14)	(22)	942
22274	ITS Improvements in San Mateo County	SM	Road Efficiency	\$ 65.7	\$ 0.3	\$ 56.0	\$ 3.6	16	(2.7)	(0.2)	(0.1)	(0.0)	(0.0)	(3.0)	(1)	(82)	(1.8)	(37)	(0.5)	4	0	(48)
240026	SamTrans El Camino BRT	SM	Transit Efficiency	\$ 120.0	\$ 19.0	\$ 59.1	\$ 25.0	2	(2.9)	(0.2)	0.8	(0.2)	(0.0)	(2.4)	(14)	(593)	(1.7)	(17)	(0.1)	(10)	(13)	3,253
22268	San Mateo Countywide Shuttle Service Frequency Improvements	SM	Transit Efficiency	\$ -	\$ 6.3	\$ 10.3	\$ 6.3	2	(0.5)	0.0	0.4	(0.0)	(0.0)	(0.1)	(7)	(404)	(0.4)	(3)	(0.1)	(5)	(6)	1,321
240494	ITS Improvements in Santa Clara County	SCL	Road Efficiency	\$ 319.5	\$ 32.0	\$ 752.2	\$ 48.0	16	(36.9)	(2.3)	(0.7)	(0.2)	(0.1)	(40.3)	(15)	(1,230)	(23.7)	(498)	(6.9)	48	1	(715)
240431	SR-85 Auxiliary Lanes (El Camino Real to Winchester Boulevard)	SCL	Road Efficiency	\$ 197.8	\$ 1.7	\$ 81.0	\$ 11.6	7	(3.7)	(1.1)	(0.1)	0.0	0.0	(4.9)	0	(179)	(0.3)	2	(0.1)	(9)	16	(125)
HOTd	Silicon Valley Express Lanes Network	SCL	Express Lanes Network	\$ 1,398.0	\$ -	\$ 407.8	\$ 69.9	6	(13.4)	(23.8)	(2.6)	(0.5)	(0.3)	(40.6)	471	13,292	17.6	78	3.2	208	544	(5,430)
240375	BART to San Jose/Santa Clara (Phase 2: Berryessa to Santa Clara)	SCL/3434	Transit Expansion	\$ 4,094.3	\$ 18.7	\$ 323.5	\$ 69.9	5	(8.5)	(1.0)	3.4	(2.9)	(0.1)	(9.1)	(161)	(6,667)	(7.7)	(63)	(1.5)	(106)	(164)	12,117
230294	New SR-152 Alignment	SCL	Highway Expansion	\$ 775.8	\$ 1.9	\$ 147.8	\$ 40.7	4	(8.0)	(0.1)	(0.1)	0.0	(0.0)	(8.1)	21	257	(1.3)	(6)	(1.9)	(152)	20	(194)
240119	VTA El Camino BRT	SCL	Transit Efficiency	\$ 239.0	\$ 12.0	\$ 28.1	\$ 24.0	1	(0.9)	(0.1)	(0.0)	(0.0)	(0.1)	(1.0)	(12)	(638)	(0.8)	(6)	(0.1)	(8)	(12)	1,501

Project ID	Project Name	County	Project Type	Project Capital Costs [in millions]	Net Annual O&M Costs [in millions]	Total Annualized 2035 Benefits [in millions]	Total Annualized 2035 Costs [in millions]	B/C Ratio	TRAVEL TIME BENEFITS					TOTAL	TRAVEL COST BENEFITS		AIR POLLUTANT BENEFITS		COLLISIONS & ACTIVE TRANSPORT BENEFITS			
									Auto/Truck [in millions of hours]	Auto/ Truck (Non-Recurr. Delay) [in millions of hours]	Transit In-Vehicle [in millions of hours]	Transit Out-of-Vehicle [in millions of hours]	Walk/Bike [in millions of hours]		VMT [in millions]	Vehicles Owned	PM2.5 [in tons]	CO2 [in thousands of metric tons]	Fatalities due to Collisions	Injuries due to Collisions	Property Damage Only (PDO) Collisions	Active Individuals
22956	Capitol Expressway Light Rail Extension (Phase 2: to Eastridge Transit Center)	SCL	Transit Expansion	\$ 276.0	\$ 0.9	\$ 3.8	\$ 8.3	0.5	(0.3)	0.0	0.2	0.1	(0.0)	(0.0)	(5)	(297)	(0.2)	(1)	(0.1)	(4)	(5)	1,012
230547	Monterey Highway BRT	SCL	Transit Efficiency	\$ 140.0	\$ 29.6	\$ 15.0	\$ 36.6	0.4	(0.2)	0.0	0.3	(0.4)	0.0	(0.3)	(3)	(203)	(0.2)	(2)	(0.0)	(2)	(3)	297
22019	Downtown East Valley (Phase 2: LRT)	SCL/3434	Transit Expansion	\$ 307.2	\$ 5.4	\$ 4.8	\$ 15.6	0.3	(0.2)	0.0	0.3	(0.0)	(0.1)	0.0	(3)	(331)	(0.2)	(1)	(0.0)	(4)	(3)	755
230554	Sunnyvale-Cupertino BRT	SCL	Transit Efficiency	\$ 100.0	\$ 21.1	\$ 4.8	\$ 26.1	0.2	(0.1)	0.0	0.1	(0.1)	0.0	(0.0)	(0)	(147)	(0.1)	(1)	(0.0)	(0)	0	959
22978	Capitol Expressway Light Rail Extension (Phases 2 & 3: to Nieman)	SCL	Transit Expansion	\$ 434.8	\$ 4.2	\$ 2.8	\$ 18.7	0.2	(0.3)	(0.0)	0.3	0.1	(0.0)	0.1	(6)	(414)	(0.3)	(2)	(0.1)	(4)	(6)	1,407
98119	Vasona Light Rail Extension (Phase 2)	SCL	Transit Expansion	\$ 176.0	\$ 0.6	\$ 0.1	\$ 6.5	0.0	(0.2)	0.1	0.2	0.0	(0.0)	0.1	(3)	(211)	(0.1)	(2)	(0.0)	(2)	(3)	622
230468	I-80 Auxiliary Lanes (Airbase Parkway to I-680)	SOL	Road Efficiency	\$ 50.0	\$ 1.0	\$ 18.0	\$ 3.5	5	(1.1)	(0.1)	0.1	0.0	0.0	(1.1)	3	(13)	0.1	2	(0.1)	(9)	4	(399)
21341	Fairfield/Vacaville Capitol Corridor Station (Phases 1, 2, and 3)	SOL	Transit Efficiency	\$ 54.0	\$ -	\$ 2.0	\$ 0.7	3	(0.2)	0.0	0.0	(0.0)	(0.0)	(0.1)	1	(26)	(0.1)	(1)	0.0	0	1	26
230326, 230327	I-80/I-680/SR-12 Interchange Improvements + Widening	SOL	Highway Expansion	\$ 1,600.0	\$ 3.3	\$ (3.4)	\$ 83.3	0.0	0.0	(0.3)	(0.0)	(0.0)	0.0	(0.2)	13	159	1.2	18	0.1	8	17	410
240650	Sonoma Countywide Bus Service Frequency Improvements	SON	Transit Efficiency	\$ 427.8	\$ 10.4	\$ 32.0	\$ 41.0	0.8	(0.6)	(0.0)	0.6	(0.5)	(0.1)	(0.6)	(9)	(914)	(0.5)	(3)	(0.1)	(6)	(8)	2,594

Project ID	Project Name	County	Project Type	Project Capital Costs [in millions]	Net Annual O&M Costs [in millions]	Total Annualized 2035 Benefits [in millions]	Total Annualized 2035 Costs [in millions]	B/C Ratio	TRAVEL TIME BENEFITS [in millions]					TOTAL	TRAVEL COST BENEFITS [in millions]			TOTAL	AIR POLLUTANT REDUCTION BENEFITS [in millions]			TOTAL	COLLISIONS, ACTIVE TRANSPORT, & NOISE REDUCTION BENEFITS [in millions]					TOTAL
									Auto/Truck	Auto/Truck (Non-Recurr. Delay)	Transit In-Vehicle	Transit Out-of-Vehicle	Walk/Bike		Vehicle Operating	Vehicle Ownership	Parking		PM2.5	CO2	Other		Fatalities due to Collisions	Injuries due to Collisions	Property Damage Only (PDO) Collisions	Active Transport	Noise	
22780	AC Transit Grand-MacArthur BRT	ALA/3434	Transit Efficiency	\$ 36.0	\$ -	\$ 31.5	\$ 1.8	18	\$ 22.6	\$ 2.2	\$ (0.8)	\$ 3.9	\$ (0.1)	\$ 27.7	\$ 1.8	\$ 0.3	\$ 0.1	\$ 2.3	\$ 0.4	\$ 0.5	\$ 0.0	\$ 0.9	\$ 0.3	\$ 0.3	\$ 0.0	\$ 0.1	\$ 0.0	\$ 0.7
22062	Irvington BART Station	ALA	Transit Efficiency	\$ 123.0	\$ -	\$ 18.7	\$ 1.5	12	\$ 10.7	\$ 1.3	\$ (3.5)	\$ 3.1	\$ 0.2	\$ 11.8	\$ 1.8	\$ 2.2	\$ 1.0	\$ 5.1	\$ 0.2	\$ 0.2	\$ 0.0	\$ 0.4	\$ 0.3	\$ 0.2	\$ 0.0	\$ 0.9	\$ 0.0	\$ 1.5
94506	Fremont/Union City East-West Connector	ALA	Arterial Expansion	\$ 190.0	\$ 0.5	\$ 65.5	\$ 10.0	7	\$ 62.1	\$ 3.7	\$ (0.2)	\$ (0.8)	\$ (0.2)	\$ 64.6	\$ (0.7)	\$ (1.0)	\$ (0.1)	\$ (1.8)	\$ 0.8	\$ 1.1	\$ 0.0	\$ 1.9	\$ 0.6	\$ 0.7	\$ (0.0)	\$ (0.5)	\$ (0.0)	\$ 0.7
982077	Alameda-Oakland BRT + Transit Access Improvements	ALA	Transit Efficiency	\$ 15.8	\$ 1.3	\$ 13.6	\$ 2.1	6	\$ 1.9	\$ (0.4)	\$ 0.6	\$ 11.5	\$ (0.1)	\$ 13.6	\$ 0.2	\$ (0.1)	\$ (0.0)	\$ 0.1	\$ (0.0)	\$ (0.0)	\$ (0.0)	\$ (0.0)	\$ 0.1	\$ 0.1	\$ 0.0	\$ (0.2)	\$ 0.0	\$ (0.1)
22455	AC Transit East Bay BRT	ALA/3434	Transit Efficiency	\$ 211.0	\$ 1.0	\$ 62.0	\$ 11.6	5	\$ 13.3	\$ 0.6	\$ 19.6	\$ 30.2	\$ 1.6	\$ 65.3	\$ (1.8)	\$ (1.2)	\$ (0.1)	\$ (3.1)	\$ 0.1	\$ 0.2	\$ 0.0	\$ 0.3	\$ (0.2)	\$ (0.2)	\$ (0.0)	\$ (0.1)	\$ (0.0)	\$ (0.5)
240062, 22776	SR-84/I-680 Interchange Improvements + SR-84 Widening (Jack London to I-680)	ALA	Highway Expansion	\$ 380.5	\$ 1.7	\$ 87.1	\$ 20.7	4	\$ 83.4	\$ 10.8	\$ 1.5	\$ (2.3)	\$ 0.1	\$ 93.5	\$ (4.4)	\$ (2.8)	\$ (0.2)	\$ (7.4)	\$ 0.7	\$ 1.0	\$ (0.0)	\$ 1.7	\$ 0.0	\$ 0.1	\$ (0.1)	\$ (0.7)	\$ (0.0)	\$ (0.7)
240196	BART to Livermore (Phase 1: 1-Station Rail Extension with Bus Enhancements)	ALA	Transit Expansion	\$ 1,250.0	\$ 7.7	\$ 49.6	\$ 41.7	1	\$ 36.4	\$ 5.6	\$ (29.0)	\$ 17.5	\$ 1.9	\$ 32.4	\$ 7.3	\$ 4.1	\$ 1.0	\$ 12.4	\$ 0.9	\$ 0.9	\$ 0.0	\$ 1.8	\$ 1.0	\$ 1.0	\$ 0.1	\$ 0.8	\$ 0.1	\$ 3.0
22667	BART to Livermore (Phases 1 & 2: Rail Extension)	ALA	Transit Expansion	\$ 4,177.0	\$ 14.2	\$ 56.7	\$ 153.4	0.4	\$ 36.4	\$ 5.6	\$ (21.9)	\$ 17.5	\$ 1.9	\$ 39.5	\$ 7.3	\$ 4.1	\$ 1.0	\$ 12.4	\$ 0.9	\$ 0.9	\$ 0.0	\$ 1.8	\$ 1.0	\$ 1.0	\$ 0.1	\$ 0.8	\$ 0.1	\$ 3.0
230101	Union City Commuter Rail Station + Dumbarton Rail Segment G Improvements	ALA/3434	Transit Efficiency	\$ 180.0	\$ -	\$ (0.1)	\$ 2.3	0.0	\$ 1.0	\$ (1.2)	\$ (0.1)	\$ (0.2)	\$ 0.0	\$ (0.5)	\$ 0.2	\$ 0.1	\$ 0.0	\$ 0.3	\$ (0.0)	\$ (0.0)	\$ 0.0	\$ (0.0)	\$ 0.1	\$ 0.1	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.2
22400	SR-239 Expressway Construction (Brentwood to Tracy)	CC	Highway Expansion	\$ 372.7	\$ 1.9	\$ 143.8	\$ 20.6	7	\$ 142.2	\$ 3.6	\$ (0.1)	\$ (1.2)	\$ 0.3	\$ 144.8	\$ (5.2)	\$ (2.3)	\$ -	\$ (7.5)	\$ 1.3	\$ 2.1	\$ (0.0)	\$ 3.4	\$ 1.8	\$ 2.1	\$ (0.1)	\$ (0.7)	\$ (0.0)	\$ 3.1
21205, 22350	I-680/SR-4 Interchange Improvements + SR-4 Widening (Morello Avenue to SR-242)	CC	Highway Expansion	\$ 396.3	\$ 1.4	\$ 65.4	\$ 21.2	3	\$ 47.5	\$ 7.8	\$ 5.9	\$ 10.9	\$ (0.1)	\$ 71.9	\$ (1.5)	\$ (3.4)	\$ -	\$ (4.9)	\$ (0.1)	\$ (0.3)	\$ (0.1)	\$ (0.5)	\$ 0.2	\$ 0.4	\$ (0.0)	\$ (1.5)	\$ (0.0)	\$ (1.0)
22605	SR-4 Bypass Completion (SR-160 to Walnut Avenue)	CC	Highway Expansion	\$ 149.9	\$ 1.1	\$ 15.5	\$ 8.6	2	\$ 9.4	\$ 0.2	\$ (0.1)	\$ 0.1	\$ 0.1	\$ 9.7	\$ 1.5	\$ 0.2	\$ 0.0	\$ 1.7	\$ (0.1)	\$ (0.4)	\$ (0.0)	\$ (0.6)	\$ 2.2	\$ 2.4	\$ 0.0	\$ (0.0)	\$ 0.0	\$ 4.6
22343	I-680 Express Bus Service Frequency Improvements (Phase 2)	CC	Transit Efficiency	\$ 59.7	\$ 6.4	\$ 12.2	\$ 10.7	1	\$ 8.1	\$ (0.1)	\$ (2.5)	\$ 3.1	\$ 0.1	\$ 8.7	\$ 1.1	\$ 1.1	\$ 0.0	\$ 2.3	\$ 0.2	\$ 0.2	\$ 0.0	\$ 0.4	\$ 0.2	\$ 0.2	\$ 0.0	\$ 0.4	\$ 0.0	\$ 0.8
230252	Marin Countywide Bus Service Frequency Improvements	MRN	Transit Efficiency	\$ -	\$ 12.3	\$ 8.9	\$ 12.3	0.7	\$ 5.5	\$ 0.1	\$ (8.7)	\$ 3.1	\$ 1.0	\$ 1.0	\$ 2.4	\$ 3.0	\$ -	\$ 5.3	\$ 0.2	\$ 0.2	\$ 0.0	\$ 0.3	\$ 0.0	\$ 0.4	\$ 0.0	\$ 1.8	\$ 0.0	\$ 2.2
240182	BART Metro Program (including Bay Fair Connection and Civic Center Turnback)	Multi-Cty.	Transit Efficiency	\$ 350.0	\$ (18.5)	\$ 161.3	\$ (6.8)	>60	\$ 50.1	\$ 3.8	\$ (14.1)	\$ 91.1	\$ 1.3	\$ 132.2	\$ 8.8	\$ 8.6	\$ 3.6	\$ 21.0	\$ 0.9	\$ 0.9	\$ 0.0	\$ 1.9	\$ 1.3	\$ 1.3	\$ 0.1	\$ 3.3	\$ 0.1	\$ 6.2
240523, 240060	US-101 HOV Lanes (Whipple Avenue to Cesar Chavez Street)	Multi-Cty.	Road Efficiency	\$ 330.7	\$ 2.8	\$ 122.7	\$ 19.3	6	\$ 84.2	\$ 19.6	\$ 5.7	\$ 1.2	\$ (1.5)	\$ 109.3	\$ 8.0	\$ 2.8	\$ 0.9	\$ 11.7	\$ 0.4	\$ 0.0	\$ (0.2)	\$ 0.2	\$ 0.8	\$ 0.9	\$ 0.0	\$ (0.3)	\$ 0.1	\$ 1.4
HOTE	CTC Application + Alameda County Authorized Lanes Express Lanes Network	Multi-Cty.	Express Lanes Network	\$ 2,364.0	\$ -	\$ 601.6	\$ 118.2	5	\$ 252.7	\$ 412.3	\$ 43.2	\$ 20.6	\$ 4.3	\$ 733.0	\$ (66.0)	\$ (34.3)	\$ (5.3)	\$ (105.5)	\$ (4.8)	\$ (2.2)	\$ (0.7)	\$ (7.6)	\$ (5.9)	\$ (5.0)	\$ (0.7)	\$ (6.2)	\$ (0.6)	\$ (18.3)
240134, 21627	Caltrain Service Frequency Improvements (6-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-Cty.	Transit Efficiency	\$ 847.7	\$ 5.6	\$ 152.5	\$ 33.9	5	\$ 54.3	\$ 5.2	\$ (16.7)	\$ 52.8	\$ 0.2	\$ 96.0	\$ 19.4	\$ 15.3	\$ 6.3	\$ 41.1	\$ 1.4	\$ 1.3	\$ 0.0	\$ 2.7	\$ 2.7	\$ 2.7	\$ 0.2	\$ 7.0	\$ 0.2	\$ 12.8
22227, 240328, 240334	Geneva Avenue Corridor Improvements (Roadway Extension, BRT, and Southern Intermodal Terminal)	Multi-Cty.	Transit Efficiency	\$ 215.7	\$ 3.7	\$ 36.1	\$ 14.5	2	\$ 25.2	\$ 0.7	\$ 1.1	\$ 3.7	\$ 0.0	\$ 30.8	\$ 1.8	\$ 1.1	\$ 0.7	\$ 3.6	\$ 0.5	\$ 0.5	\$ 0.0	\$ 1.0	\$ 0.4	\$ 0.4	\$ 0.0	\$ (0.1)	\$ 0.0	\$ 0.7
00BART	BART Service Frequency Improvements	Multi-Cty.	Transit Efficiency	\$ 1,274.7	\$ 13.1	\$ 126.0	\$ 55.6	2	\$ 53.6	\$ 6.1	\$ (20.0)	\$ 51.5	\$ 0.8	\$ 92.0	\$ 11.7	\$ 8.7	\$ 3.7	\$ 24.1	\$ 1.3	\$ 1.3	\$ 0.1	\$ 2.6	\$ 1.8	\$ 1.8	\$ 0.1	\$ 3.4	\$ 0.1	\$ 7.2
230604	Bay Bridge Contraflow Lane	Multi-Cty.	Road Efficiency	\$ 610.5	\$ -	\$ 66.8	\$ 30.5	2	\$ 47.0	\$ (1.2)	\$ 41.3	\$ (11.5)	\$ (0.9)	\$ 74.7	\$ 2.1	\$ (2.0)	\$ (2.1)	\$ (2.0)	\$ 0.6	\$ 0.6	\$ 0.0	\$ 1.2	\$ (1.9)	\$ (2.1)	\$ (0.0)	\$ (3.2)	\$ 0.0	\$ (7.1)
240018	Dumbarton Corridor Express Bus	Multi-Cty.	Transit Efficiency	\$ 101.0	\$ 4.5	\$ 22.6	\$ 11.7	2	\$ 8.0	\$ 1.4	\$ (6.8)	\$ 14.7	\$ 0.7	\$ 18.1	\$ 1.6	\$ 1.3	\$ 0.3	\$ 3.2	\$ 0.2	\$ 0.2	\$ 0.0	\$ 0.4	\$ 0.0	\$ 0.3	\$ 0.0	\$ 0.7	\$ 0.0	\$ 1.0
22511, 22512, 22122, 230613, 22120, 230581	WETA Service Expansion (Treasure Island, Berkeley/Albany, Richmond, Hercules, and Redwood City)	Multi-Cty./3434	Transit Expansion	\$ 320.2	\$ 15.7	\$ 41.3	\$ 22.1	2	\$ 46.5	\$ 4.6	\$ (10.7)	\$ (20.9)	\$ (0.1)	\$ 19.5	\$ 7.7	\$ 5.0	\$ 4.0	\$ 16.7	\$ 0.9	\$ 0.9	\$ 0.0	\$ 1.8	\$ 0.0	\$ 1.1	\$ 0.1	\$ 2.1	\$ 0.1	\$ 3.4
240521, 240134, 21627	Caltrain Vision (10-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-Cty.	Transit Efficiency	\$ 5,598.7	\$ 33.7	\$ 272.0	\$ 220.3	1	\$ 93.9	\$ 9.3	\$ (36.4)	\$ 100.2	\$ 1.9	\$ 168.9	\$ 34.8	\$ 28.6	\$ 11.8	\$ 75.2	\$ 2.8	\$ 2.5	\$ 0.1	\$ 5.3	\$ 5.0	\$ 4.8	\$ 0.3	\$ 12.2	\$ 0.3	\$ 22.6
230055	Golden Gate Ferry Service Frequency Improvements	Multi-Cty.	Transit Efficiency	\$ 34.4	\$ 3.3	\$ 5.8	\$ 4.4	1	\$ 6.7	\$ 0.4	\$ (7.5)	\$ (0.1)	\$ 0.1	\$ (0.4)	\$ 1.2	\$ 1.8	\$ 1.4	\$ 4.5	\$ 0.2	\$ 0.2	\$ 0.0	\$ 0.4	\$ 0.2	\$ 0.2	\$ 0.0	\$ 0.8	\$ 0.0	\$ 1.3
00ACT1	AC Transit Service Frequency Improvements	Multi-Cty.	Transit Efficiency	\$ 654.3	\$ 463.6	\$ 605.7	\$ 510.3	1	\$ 212.2	\$ 21.7	\$ (208.1)	\$ 410.4	\$ 10.2	\$ 446.4	\$ 48.6	\$ 60.1	\$ 14.7	\$ 123.4	\$ 4.3	\$ 4.0	\$ 0.1	\$ 8.4	\$ 7.6	\$ 7.5	\$ 0.4	\$ 11.5	\$ 0.4	\$ 27.5
98147, 240691	Marin-Sonoma Narrows (Phase 2: HOV Lanes)	Multi-Cty.	Road Efficiency	\$ 300.0	\$ 2.7	\$ 20.0	\$ 17.7	1	\$ 11.2	\$ 6.0	\$ 6.3	\$ 4.8	\$ (0.1)	\$ 28.2	\$ (3.9)	\$ (1.5)	\$ (0.1)	\$ (5.5)	\$ (0.3)	\$ (0.5)	\$ (0.0)	\$ (0.8)	\$ (0.5)	\$ (0.5)	\$ (0.0)	\$ (0.7)	\$ (0.0)	\$ (1.8)
240216	Dumbarton Rail	Multi-Cty./3434	Transit Expansion	\$ 755.0	\$ 11.1	\$ 30.7	\$ 36.3	0.8	\$ 18.4	\$ 2.6	\$ (7.1)	\$ 4.5	\$ 0.0	\$ 18.5	\$ 4.4	\$ 3.2	\$ 1.1	\$ 8.6	\$ 0.4	\$ 0.4	\$ 0.0	\$ 0.9	\$ 0.7	\$ 0.7	\$ 0.0	\$ 1.1	\$ 0.0	\$ 2.6



Project ID	Project Name	County	Project Type	Project Capital Costs [in millions]	Net Annual O&M Costs [in millions]	Total Annualized 2035 Benefits [in millions]	Total Annualized 2035 Costs [in millions]	B/C Ratio	TRAVEL TIME BENEFITS [in millions]					TOTAL	TRAVEL COST BENEFITS [in millions]			TOTAL	AIR POLLUTANT REDUCTION BENEFITS [in millions]			TOTAL	COLLISIONS, ACTIVE TRANSPORT, & NOISE REDUCTION BENEFITS [in millions]					TOTAL
									Auto/Truck	Auto/ Truck (Non-Recurr. Delay)	Transit In-Vehicle	Transit Out-of-Vehicle	Walk/Bike		Vehicle Operating	Vehicle Ownership	Parking		PM2.5	CO2	Other		Fatalities due to Collisions	Injuries due to Collisions	Property Damage Only (PDO) Collisions	Active Transport	Noise	
22019	Downtown East Valley (Phase 2: LRT)	SCL/3434	Transit Expansion	\$ 307.2	\$ 5.4	\$ 4.8	\$ 15.6	0.3	\$ 2.9	\$ (0.5)	\$ (4.2)	\$ 1.3	\$ 0.8	\$ 0.4	\$ 0.9	\$ 2.1	\$ 0.1	\$ 3.0	\$ 0.1	\$ 0.1	\$ 0.0	\$ 0.2	\$ 0.0	\$ 0.2	\$ 0.0	\$ 0.9	\$ 0.0	\$ 1.2
230554	Sunnyvale-Cupertino BRT	SCL	Transit Efficiency	\$ 100.0	\$ 21.1	\$ 4.8	\$ 26.1	0.2	\$ 2.5	\$ (0.8)	\$ (2.4)	\$ 3.3	\$ (0.1)	\$ 2.5	\$ 0.1	\$ 0.9	\$ 0.0	\$ 1.0	\$ 0.1	\$ 0.1	\$ 0.0	\$ 0.1	\$ 0.0	\$ 0.0	\$ (0.0)	\$ 1.2	\$ 0.0	\$ 1.2
22978	Capitol Expressway Light Rail Extension (Phases 2 & 3: to Nieman)	SCL	Transit Expansion	\$ 434.8	\$ 4.2	\$ 2.8	\$ 18.7	0.2	\$ 4.8	\$ 0.6	\$ (5.3)	\$ (4.2)	\$ 0.1	\$ (3.8)	\$ 1.7	\$ 2.6	\$ 0.1	\$ 4.4	\$ 0.1	\$ 0.1	\$ 0.0	\$ 0.2	\$ 0.0	\$ 0.3	\$ 0.0	\$ 1.7	\$ 0.0	\$ 2.0
98119	Vasona Light Rail Extension (Phase 2)	SCL	Transit Expansion	\$ 176.0	\$ 0.6	\$ 0.1	\$ 6.5	0.0	\$ 3.0	\$ (1.8)	\$ (2.9)	\$ (1.6)	\$ 0.1	\$ (3.2)	\$ 0.7	\$ 1.3	\$ 0.0	\$ 2.1	\$ 0.1	\$ 0.1	\$ 0.0	\$ 0.2	\$ 0.1	\$ 0.1	\$ 0.0	\$ 0.8	\$ 0.0	\$ 1.1
230468	I-80 Auxiliary Lanes (Airbase Parkway to I-680)	SOL	Road Efficiency	\$ 50.0	\$ 1.0	\$ 18.0	\$ 3.5	5	\$ 18.9	\$ 2.1	\$ (1.6)	\$ (0.9)	\$ (0.1)	\$ 18.3	\$ (0.8)	\$ 0.1	\$ (0.0)	\$ (0.7)	\$ (0.0)	\$ (0.1)	\$ (0.0)	\$ (0.2)	\$ 0.5	\$ 0.6	\$ (0.0)	\$ (0.5)	\$ (0.0)	\$ 0.6
21341	Fairfield/Vacaville Capitol Corridor Station (Phases 1, 2, and 3)	SOL	Transit Efficiency	\$ 54.0	\$ -	\$ 2.0	\$ 0.7	3	\$ 2.8	\$ (0.7)	\$ (0.7)	\$ 0.6	\$ 0.0	\$ 2.0	\$ (0.3)	\$ 0.2	\$ 0.0	\$ (0.1)	\$ 0.0	\$ 0.0	\$ (0.0)	\$ 0.1	\$ (0.0)	\$ (0.0)	\$ (0.0)	\$ 0.0	\$ (0.0)	\$ 0.0
230326, 230327	I-80/I-680/SR-12 Interchange Improvements + Widening	SOL	Highway Expansion	\$ 1,600.0	\$ 3.3	\$ (3.4)	\$ 83.3	0	\$ (0.4)	\$ 4.2	\$ 0.4	\$ 0.0	\$ (0.5)	\$ 3.7	\$ (3.8)	\$ (1.0)	\$ (0.1)	\$ (4.9)	\$ (0.6)	\$ (1.0)	\$ (0.1)	\$ (1.6)	\$ (0.5)	\$ (0.5)	\$ (0.0)	\$ 0.5	\$ (0.0)	\$ (0.6)
240650	Sonoma Countywide Bus Service Frequency Improvements	SON	Transit Efficiency	\$ 427.8	\$ 10.4	\$ 32.0	\$ 41.0	0.8	\$ 10.0	\$ 0.2	\$ (10.2)	\$ 17.4	\$ 1.4	\$ 18.8	\$ 2.5	\$ 5.7	\$ 0.9	\$ 9.2	\$ 0.2	\$ 0.1	\$ (0.0)	\$ 0.4	\$ 0.0	\$ 0.4	\$ 0.0	\$ 3.2	\$ 0.0	\$ 3.6



Considerations Applicable to All Projects

Three issues affect the benefit-cost performance for all projects analyzed.

**Land Use Pattern**

ABAG's Current Regional Plans land use was selected for the project performance assessment, as the other land use scenarios were not developed until after the analysis began. While some projects may perform better (or worse) given a particular land use pattern, selecting a single land use pattern for analysis creates a level playing field between projects. The Current Regional Plans land use represents a "middle ground" between a highly focused growth scenario and a more dispersed Outer Bay Area growth scenario. The scenario assessment will give a sense of how projects perform under different land use assumptions.

**Interaction among Projects**

In general, projects were evaluated individually. Projects serving related travel markets could, if evaluated as a package, increase or decrease the benefits of an individual project. For example, expanded local bus service may increase the projected ridership and benefits of metro/commuter rail projects, while expanding a freeway and building a new transit line in the same corridor may cause the improvements' combined benefits to be lower than estimated. The scenario assessment will help us understand the interaction among projects.

**"Mode Choice" Modeling Approach**

When forecasting project benefits, MTC staff ran the regional travel model's tour mode choice, stop frequency, stop location, trip departure time choice, trip mode choice, and trip assignment components – but not tour generation or tour destination choice. This is an improvement from T-2035 and allowed us to gain a better understanding of the mode changes caused by all projects. This approach has two distinct impacts:

1. The approach does not capture changes in tour destinations (e.g., people may decide to take a new job in a new location when the commute to that new location is improved). To include this step in the project assessment would have tripled analysis time, without necessarily providing meaningful information. The choice of where one works is extremely complex and one that travel models do not understand particularly well. Additionally, an individual project is not likely to generate changes of regional significance in most cases, given the mature state of the region's transportation system. This approach (to exclude changes in tour destinations) is consistent with project level assessments done elsewhere, most notably the FTA New Start's program. MTC will, however, include this step in the scenario assessment, in which the collective changes in land use and transportation infrastructure are significant enough that the model can provide insight.
2. The approach does not consider the land use impacts of a particular project. For example, an urban transit expansion project might, when combined with supportive land use policies, encourage increased high-density development in the urban core – allowing people to live closer to job centers. Running the full travel model would not have solved this problem, however. This issue can only be dealt with by constructing unique land use scenarios to tie land use to transportation and/or using an integrated land use/travel model – both approaches are best suited for the scenario level of analysis.

Project-Specific Considerations

The attached table illustrates some of the project-specific confidence considerations. Key criteria utilized for this assessment are listed below:

- **Travel Model Output**
  - *Does the travel model have limitations in understanding a particular type of travel behavior (e.g. weaving)?*
  - *Does the travel model lack an understanding of specific travel conditions (e.g. ridership or traffic volumes)?*
- **Framework Completeness**
  - *Does the travel model output capture all of the primary benefits of the project?*
  - *Are we capturing all of the real-world limitations of relevant transportation systems (e.g. transit vehicle crowding)?*
- **Timeframe Inclusiveness**
  - *Is the project an "early winner" (i.e. can be implemented quickly and provides key benefits in the short term)?*
  - *Is the project a "late bloomer" (i.e. benefits will not be realized until the final years of the planning horizon)?*

Project ID	Project Name	County	Project Type	Plan Bay Area B/C Ratio	T-2035 B/C Ratio	CONFIDENCE ASSESSMENT CRITERIA			Starred Comments
						Travel Model Output	Framework Completeness	Timeframe Inclusiveness	
240182	BART Metro Program (including Bay Fair Connection and Civic Center Turnback)	Multi-County	Transit Efficiency	>60	n/a	✓	✓	✓	
240694	Treasure Island Congestion Pricing	San Francisco	Pricing	59	n/a	✓	✓	✓	
240522	Congestion Pricing Pilot	San Francisco	Pricing	45	n/a	✓	✓	✓	
22780	AC Transit Grand-MacArthur BRT	Alameda	Transit Efficiency	18	n/a	✓	✓	*	BRT project can be implemented quickly for near-term benefits.
230419	Freeway Performance Initiative	Regional	FPI	16	28	✓	✓	✓	
22274	ITS Improvements in San Mateo County	San Mateo	Road Efficiency	16	n/a	n/a	✓	✓	
240494	ITS Improvements in Santa Clara County	Santa Clara	Road Efficiency	16	n/a	n/a	✓	✓	
22062	Irvington BART Station	Alameda	Transit Efficiency	12	n/a	✓	✓	*	Infill stations can be implemented quickly to achieve benefits in the near-term.
240171	SFMTA Transit Effectiveness Project	San Francisco	Transit Efficiency	11	n/a	*	*	*	Model may underestimate travel time improvements for existing MTA riders; B/C framework doesn't consider transit crowding, which may result in underestimate of emissions and VMT reductions and overestimate of travel time reductions; bus frequency improvements can be implemented quickly for near-term benefits.
22400	SR-239 Expressway Construction (Brentwood to Tracy)	Contra Costa	Highway Expansion	7	1	*	✓	✓	Because the land uses outside of the 9-county Bay Area are not explicitly represented, the model does not fully understand the likely impact of projects located near the boundaries of the planning region.
240431	SR-85 Auxiliary Lanes (El Camino Real to Winchester Boulevard)	Santa Clara	Road Efficiency	7	n/a	*	✓	✓	The model does not explicitly represent weaving (thus ignoring the benefits of longer weaving sections or other improvements).
94506	Fremont/Union City East-West Connector	Alameda	Arterial Expansion	7	1	*	✓	✓	Due to their relative proximity, the travel model has difficulty assigning travelers who could use either I-680 or I-880 to the correct facility. This route choice decision is important to the performance of the East-West Connector.
98207T	Alameda-Oakland BRT + Transit Access Improvements	Alameda	Transit Efficiency	6	n/a	✓	✓	*	BRT project can be implemented quickly to achieve benefits in the near-term.
240523, 240060	US-101 HOV Lanes (Whipple Avenue to Cesar Chavez Street)	Multi-County	Road Efficiency	6	n/a	✓	✓	✓	
230161	Van Ness Avenue BRT	San Francisco	Transit Efficiency	6	n/a	*	*	*	Model may underestimate travel time improvements for existing MTA riders. Project can be implemented quickly for near-term benefits.
HOTd	Silicon Valley Express Lanes Network	Santa Clara	Express Lanes Network	6	n/a	*	✓	*	The travel model has difficulty representing the benefits of an operational strategy that relies on real-time price changes throughout the morning and evening commute periods. Some portions of the project may be implemented early and accrue benefits over a long period in the Plan, the Network likely will not be complete until near the end of the Plan period.
240155	Better Market Street	San Francisco	Transit Efficiency	6	n/a	*	*	✓	Model may underestimate travel time improvements for existing MTA riders; B/C framework doesn't consider transit crowding, which may result in underestimate of emissions and VMT reductions and overestimate of travel time reductions.
22455	AC Transit East Bay BRT	Alameda	Transit Efficiency	5	n/a	✓	✓	*	BRT project can be implemented quickly for near-term benefits.
HOTe	CTC Application + Alameda County Authorized Lanes Express Lanes Network	Multi-County	Express Lanes Network	5	n/a	*	✓	*	The travel model has difficulty representing the benefits of an operational strategy that relies on real-time price changes throughout the morning and evening commute periods. Some portions of the project may be implemented early and accrue benefits over a long period in the Plan, the Network likely will not be complete until near the end of the Plan period.
230468	I-80 Auxiliary Lanes (Airbase Parkway to I-680)	Solano	Road Efficiency	5	2+	*	*	✓	The model does not explicitly represent weaving (thus ignoring the benefits of longer weaving sections or other improvements). Analysis is performed for a typical weekday, but many of the project's benefits will be accrued on weekends due to recreational traffic.
n/a	Local Streets and Roads Capital Maintenance Needs	Regional	Maintenance	5	5	n/a	✓	✓	

Project ID	Project Name	County	Project Type	Plan Bay Area B/C Ratio	T-2035 B/C Ratio	CONFIDENCE ASSESSMENT CRITERIA			Starred Comments
						Travel Model Output	Framework Completeness	Timeframe Inclusiveness	
n/a	Local Streets and Roads Capital Maintenance Needs	Regional	Maintenance	5	5	n/a	*	✓	The benefit-cost framework doesn't consider the impacts that state of repair has on air quality, goods movement, transit operations and emergency services.
n/a	Local Streets and Roads Capital Maintenance Needs	Regional	Maintenance	5	5	n/a	*	✓	The benefit-cost framework doesn't consider many impacts state of repair has on maintaining an operable transit system, such as maintaining or increasing transit ridership, reducing congestion and emissions and increasing mobility.
240375	BART to San Jose/Santa Clara (Phase 2: Berryessa to Santa Clara)	Santa Clara	Transit Expansion	5	n/a	*	✓	*	The travel model does not forecast air passenger trips or special events, which are markets served by this project. The project is likely to be complete toward the end of the Plan so much of the benefits would likely be accrued after the Plan period.
240134, 21627	Caltrain Service Frequency Improvements (6-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-County	Transit Efficiency	5	n/a	✓	✓	✓	
240557	Oakdale Caltrain Station	San Francisco	Transit Efficiency	4	n/a	✓	✓	*	Infill stations can be implemented quickly to achieve benefits in the near-term.
240062, 22776	SR-84/I-680 Interchange Improvements + SR-84 Widening (Jack London to I-680)	Alameda	Highway Expansion	4	n/a	*	✓	✓	The model does not explicitly represent weaving (thus ignoring the benefits of longer weaving sections or other improvements), acceleration or deceleration behavior (thus ignoring the benefits of longer ramps), or queue spillback.
230294	New SR-152 Alignment	Santa Clara	Highway Expansion	4	n/a	*	*	✓	Because the land uses outside of the 9-county Bay Area are not explicitly represented, the model does not fully understand the likely impact of projects located near the boundaries of the planning region. Analysis also underestimates the freight benefits of this project, both in terms of the number of truck trips and the impacts of steep grades on trucks. Furthermore, the route serves a large number of interregional trips, which are not captured very well in the travel model.
240410	Transportation for Livable Communities	Regional	TLC	3	2	✓	✓	✓	
21205, 22350	I-680/SR-4 Interchange Improvements + SR-4 Widening (Morello Avenue to SR-242)	Contra Costa	Highway Expansion	3	1	*	✓	✓	The model does not explicitly represent weaving (thus ignoring the benefits of longer weaving sections or other improvements), acceleration or deceleration behavior (thus ignoring the benefits of longer ramps), or queue spillback.
21341	Fairfield/Vacaville Capitol Corridor Station (Phases 1, 2, and 3)	Solano	Transit Efficiency	3	n/a	*	✓	*	Greater TOD around the station (as included in the Fairfield General Plan but not in the Current Regional Plans land use) could significantly increase ridership and the corresponding B/C ratio. Infill stations can be implemented quickly for near-term benefits
240617	SR-29 HOV Lanes and BRT (Napa Junction to Vallejo)	Napa	Road Efficiency	3	n/a	✓	✓	✓	
22227, 240328, 240334	Geneva Avenue Corridor Improvements (Roadway Extension, BRT, and Southern Intermodal Terminal)	Multi-County	Transit Efficiency	2	n/a	*	✓	*	Model may underestimate travel time improvements for existing MTA riders. BRT project can be implemented quickly to achieve benefits in the near-term.
240147	Southeast Waterfront Transportation Improvements	San Francisco	Transit Efficiency	2	n/a	*	✓	*	Model may underestimate travel time improvements for existing MTA riders. Project can be implemented quickly for near-term benefits.
240026	SamTrans El Camino BRT	San Mateo	Transit Efficiency	2	n/a	✓	✓	*	BRT can be implemented quickly for near-term benefits.
00BART	BART Service Frequency Improvements	Multi-County	Transit Efficiency	2	n/a	✓	*	✓	B/C framework doesn't consider transit crowding, which may result in underestimate of emissions and VMT reductions and overestimate of travel time reductions.
230604	Bay Bridge Contraflow Lane	Multi-County	Pricing	2	n/a	✓	*	✓	Modeling for this project doesn't fully capture the transit benefits of such a project. Because the project was represented as an HOV lane, rather than a bus-only lane, many of the benefits are accruing due to increased carpooling. A bus-only lane would provide faster speeds for buses and increase transit ridership more substantially.
240018	Dumbarton Corridor Express Bus	Multi-County	Transit Efficiency	2	n/a	✓	✓	✓	
22511, 22512, 22122, 230613, 22120, 230581	WETA Service Expansion (Treasure Island, Berkeley/Albany, Richmond, Hercules, and Redwood City)	Multi-County	Transit Expansion	2	n/a	✓	✓	✓	
22605	SR-4 Bypass Completion (SR-160 to Walnut Avenue)	Contra Costa	Highway Expansion	2	1†	✓	✓	✓	

Project ID	Project Name	County	Project Type	Plan Bay Area B/C Ratio	T-2035 B/C Ratio	CONFIDENCE ASSESSMENT CRITERIA			Starred Comments
						Travel Model Output	Framework Completeness	Timeframe Inclusiveness	
00MUNI	Muni Service Frequency Improvements	San Francisco	Transit Efficiency	2	n/a	*	*	*	Model may underestimate travel time improvements for existing MTA riders; B/C framework doesn't consider transit crowding, which may result in underestimate of emissions and VMT reductions and overestimate of travel time reductions; bus frequency improvements can be implemented quickly for near-term benefits.
240526	SFCTA Transit Performance Initiative	San Francisco	Transit Efficiency	2	n/a	*	*	✓	Model may underestimate travel time improvements for existing MTA riders; B/C framework doesn't consider transit crowding, which may result in underestimate of emissions and VMT reductions and overestimate of travel time reductions.
22247	Regional Bikeway Network	Regional	Bike/Ped	2	1	n/a	✓	✓	
22268	San Mateo Countywide Shuttle Service Frequency Improvements	San Mateo	Transit Efficiency	2	n/a	✓	✓	*	Shuttle service can be implemented quickly for near-term benefits.
230550	Climate Initiatives (5-year program)	Regional	Climate	1	0	n/a	✓	✓	
240545	Parkmerced Light Rail Corridor	San Francisco	Transit Efficiency	1	n/a	*	✓	✓	
230055	Golden Gate Ferry Service Frequency Improvements	Multi-County	Transit Efficiency	1	n/a	✓	✓	*	Ferry frequency improvements can be implemented quickly for near-term benefits.
230164	Geary Boulevard BRT	San Francisco	Transit Efficiency	1	7	*	*	*	Model may underestimate travel time improvements for existing MTA riders; B/C framework doesn't consider transit crowding, which may result in underestimate of emissions and VMT reductions and overestimate of travel time reductions; BRT improvements can be implemented quickly for near-term benefits.
240521, 240134, 21627	Caltrain Vision (10-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-County	Transit Efficiency	1	n/a	✓	✓	✓	
240196	BART to Livermore (Phase 1: 1-Station Rail Extension with Bus Enhancements)	Alameda	Transit Expansion	1	4+	n/a	✓	✓	Project's quantitative results were based on the full BART to Livermore extension model results. This was due to the model's inability to reflect the unique proposed bus/rail transfer station without auto, ped, or bike access.
00ACT1	AC Transit Service Frequency Improvements	Multi-County	Transit Efficiency	1	n/a	*	✓	✓	Project includes a wide range of services; some service improvements may have higher benefit-cost ratios and some may have lower benefit-cost ratios.
240119	VTA El Camino BRT	Santa Clara	Transit Efficiency	1	n/a	✓	✓	*	BRT can be implemented quickly for near-term benefits.
22343	I-680 Express Bus Service Frequency Improvements (Phase 2)	Contra Costa	Transit Efficiency	1	1	✓	✓	*	Bus frequency improvements can be implemented quickly for near-term benefits.
98147, 240691	Marin-Sonoma Narrows (Phase 2: HOV Lanes)	Multi-County	Road Efficiency	1	8+	✓	*	✓	Analysis is performed for a typical weekday, but many of the project's benefits will be accrued on weekends due to recreational traffic.
22415	Historic Streetcar Expansion Program	San Francisco	Transit Efficiency	0.9	2	*	✓	*	Model doesn't capture tourist ridership; model may underestimate travel time improvements for existing MTA riders; Project can be implemented quickly for near-term benefits.
240216	Dumbarton Rail	Multi-County	Transit Expansion	0.8	n/a	✓	✓	✓	
230290	Transbay Transit Center - Phase 2B (Caltrain Downtown Extension)	San Francisco	Transit Expansion	0.8	n/a	*	*	*	The project is likely to be complete toward the end of the Plan so much of the benefits would likely be accrued after the Plan period. Analysis excludes costs and benefits attributed to high-speed rail. Future refinements may try to include these benefits & costs. Model/framework isn't fully capturing the benefits from the one-seat ride to downtown SF.
240650	Sonoma Countywide Bus Service Frequency Improvements	Sonoma	Transit Efficiency	0.8	n/a	✓	✓	*	Bus frequency improvements can be implemented quickly for near-term benefits.
240676, 240675, 240677	SMART (Phase 2: Extensions to Cloverdale & Larkspur + IOS Cost Deferrals)	Multi-County	Transit Expansion	0.7	n/a	*	✓	✓	The travel model does not forecast tourist trips, which are served by this project.
230252	Marin Countywide Bus Service Frequency Improvements	Marin	Transit Efficiency	0.7	1	✓	✓	*	Bus frequency improvements can be implemented quickly for near-term benefits.
230219, 230314	Golden Gate Bus Service Frequency Improvements	Multi-County	Transit Efficiency	0.5	n/a	✓	✓	*	Bus frequency improvements can be implemented quickly for near-term benefits.

Project ID	Project Name	County	Project Type	Plan Bay Area B/C Ratio	T-2035 B/C Ratio	CONFIDENCE ASSESSMENT CRITERIA			Starred Comments
						Travel Model Output	Framework Completeness	Timeframe Inclusiveness	
22956	Capitol Expressway Light Rail Extension (Phase 2: to Eastridge Transit Center)	Santa Clara	Transit Expansion	0.5	n/a	✓	✓	✓	
230547	Monterey Highway BRT	Santa Clara	Transit Efficiency	0.4	n/a	✓	✓	*	BRT can be implemented quickly for near-term benefits.
22667	BART to Livermore (Phases 1 & 2: Rail Extension)	Alameda	Transit Expansion	0.4	n/a	✓	✓	✓	
22019	Downtown East Valley (Phase 2: LRT)	Santa Clara	Transit Expansion	0.3	n/a	✓	✓	✓	
98139	ACE Service Expansion	Multi-County	Transit Efficiency	0.3	n/a	✓	✓	*	The project is likely to be complete toward the end of the Plan so much of the benefits would likely be accrued after the Plan period.
230554	Sunnyvale-Cupertino BRT	Santa Clara	Transit Efficiency	0.2	n/a	✓	✓	*	BRT can be implemented quickly for near-term benefits.
22978	Capitol Expressway Light Rail Extension (Phases 2 & 3: to Nieman)	Santa Clara	Transit Expansion	0.2	n/a	✓	✓	✓	
240690	Lifeline Program	Regional	Lifeline/New Freedom	0.1	0	n/a	*	✓	The benefit-cost framework doesn't reflect the primary justifications for this program, which revolve around providing basic mobility rather than travel time or emissions reductions.
22009	Capitol Corridor Service Frequency Improvements (Oakland to San Jose)	Multi-County	Transit Efficiency	0.1	n/a	✓	✓	✓	
98119	Vasona Light Rail Extension (Phase 2)	Santa Clara	Transit Expansion	0.0	n/a	*	✓	✓	Model may not fully capture benefits from this relatively short extension.
240589	EV Solar Installation [BAAQMD program]	Regional	Climate	0.0	n/a	n/a	*	*	Most project benefits accrue in the near term before widespread electric vehicle adoption.
240582	Truck & Motorcycle Retirement [BAAQMD program]	Regional	Climate	0.0	n/a	n/a	✓	*	Most project benefits accrue in the near term before ARB truck regulations take effect.
240577	Heavy-Duty Truck Replacement [BAAQMD program]	Regional	Climate	0.0	n/a	n/a	✓	*	Most project benefits accrue in the near term before ARB truck regulations take effect.
230101	Union City Commuter Rail Station + Dumbarton Rail Segment G Improvements	Alameda	Transit Efficiency	0.0	n/a	✓	✓	*	Infill stations can be implemented quickly to achieve benefits in the near-term.
230326, 230327	I-80/I-680/SR-12 Interchange Improvements + Widening	Solano	Highway Expansion	0.0	2	*	*	✓	The model does not explicitly represent weaving (thus ignoring the benefits of longer weaving sections or other improvements), acceleration or deceleration behavior (thus ignoring the benefits of longer ramps), or queue spillback. Analysis is performed for a typical weekday, but many of the project's benefits will be accrued on Fridays and weekends due to recreational traffic. Furthermore, the route serves a large number of interregional trips, which are not captured very well in the travel model.

Project ID	Project Name	County	Project Type	ADOPTED TARGETS										TARGETS SUMMARY				
				CO2	Housing	PM	Collisions	Active Transportation	Open Space / AG	Low Income HH Transportation Cost	Economic Vitality	Non-Auto Travel Time/VMT	Maintenance	Targets Supported	Targets Adversely Impacted	Targets Net Score	In PDA?	
22062	Irvington BART Station	Alameda	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	MINIMAL	6.0	0	6.0	Yes
240180	BART Bay Fair Connection	Alameda	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	MINIMAL	6.0	0	6.0	Yes
982077, 98207R	Alameda-Oakland BRT I-880 Broadway Jackson Interchange Improvements	Alameda	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	STRONG	MODERATE	MINIMAL	5.5	0	5.5	Yes
240196	BART to Livermore (Phase 1: 1-Station Rail Extension with Bus Enhancements)	Alameda	Transit Expansion	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	STRONG	STRONG	STRONG	MINIMAL	5.5	0	5.5	Yes	
22667	BART to Livermore (Phases 1 & 2: Rail Extension)	Alameda	Transit Expansion	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	STRONG	MODERATE	STRONG	MINIMAL	5.0	0	5.0	No	
22089	Martinez Subdivision & Rail Improvements	Alameda	Transit Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	No	
22779	I-880/SR-262 Interchange Improvements (Phase 2: Warren Avenue Grade Separation)	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	No	
22769	I-880 23rd/29th Interchange Improvements	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	Yes	
240052	I-880 Whipple Road Interchange Improvements	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	No	
240279	Mandela Parkway & 3rd Street Corridor Street Reconstruction	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	Yes	
240317	Port of Oakland Wharf Replacement & Berth Deepening (Berths 60-63)	Alameda	Other	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MODERATE	1.5	0	1.5	No	
240657	I-580 Corridor Spot Intersection Improvements	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No	
21100	I-580 Vasco Road Interchange Improvements & Auxiliary Lanes	Alameda	Road Efficiency	MINIMAL	MODERATE	MODERATE AD	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	1	1.5	No	
240318	I-80 Ashby Interchange Improvements	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No	
240562	SR-92 Clawiter/Whitesell Interchange Improvements	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No	
22082	Port of Oakland 7th Street Grade Separation & Roadway Improvements	Alameda	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.0	0	1.0	Yes	
22760	Port of Oakland Outer Harbor Intermodal Terminals	Alameda	Other	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.0	0	1.0	No	
240024	Oakland Army Base Infrastructure Improvements	Alameda	Other	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.0	0	1.0	No	
230103	Decoto Neighborhood Grade Separation	Alameda	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.5	0	0.5	Yes	
230099	I-580/I-680 Interchange Improvements (Phase 1)	Alameda	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	MODERATE	MODERATE AD	MINIMAL	1.0	1	0.0	No	
94506	Fremont/Union City East-West Connector	Alameda	Arterial Expansion	MODERATE AD	MODERATE	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MINIMAL	STRONG	MODERATE AD	MINIMAL	1.5	3	-1.5	No	
240062, 22776	SR-84/I-680 Interchange Improvements + SR-84 Widening (Jack London to I-680)	Alameda	Highway Expansion	MODERATE AD	MODERATE	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MINIMAL	MODERATE	MODERATE AD	MINIMAL	1.0	3	-2.0	No	
240053	Whipple Road Widening (Mission Boulevard to I-880)	Alameda	Highway Expansion	STRONG AD	MODERATE	STRONG AD	STRONG AD	STRONG AD	STRONG AD	MINIMAL	STRONG	STRONG AD	MINIMAL	1.5	6	-4.5	No	
22455	AC Transit East Bay BRT	Alameda/ 3434	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	STRONG	MODERATE	MODERATE	MINIMAL	6.0	0	6.0	No	
22780	AC Transit Grand-MacArthur BRT	Alameda/ 3434	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	STRONG	MODERATE	MODERATE	MINIMAL	6.0	0	6.0	No	
230101	Union City Commuter Rail Station + Dumbarton Rail Segment G Improvements	Alameda/ 3434	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	Yes	
230321	Hercules Intermodal Station (Phases 2, 3, and 4)	Contra Costa	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	MINIMAL	MODERATE	MINIMAL	5.0	0	5.0	Yes	
22343	I-680 Express Bus Service Frequency Improvements (Phase 2)	Contra Costa	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	Yes	
22353	I-680 Southbound HOV Gap Closure (North Main Street to Livorna Road)	Contra Costa	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MODERATE	MINIMAL	2.0	0	2.0	No	
22360	I-80 San Pablo Dam Road Interchange Improvements	Contra Costa	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	2.0	0	2.0	No	
21205, 22350	I-680/SR-4 Interchange Improvements + SR-4 Widening (Morello Avenue to SR-242)	Contra Costa	Highway Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE AD	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	1	1.0	No	
22604	Vasco Road Safety & Operational Improvements (Brentwood to San Joaquin County line)	Contra Costa	Highway Expansion	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.5	0	0.5	No	
22981	SR-4 Widening (Marsh Creek Road to San Joaquin County line)	Contra Costa	Highway Expansion	STRONG AD	MINIMAL	STRONG AD	MODERATE AD	MINIMAL	STRONG AD	MINIMAL	STRONG	STRONG AD	MINIMAL	1.0	5	-3.5	No	
22605	SR-4 Bypass Completion (SR-160 to Walnut Avenue)	Contra Costa	Highway Expansion	STRONG AD	MINIMAL	STRONG AD	MODERATE AD	STRONG AD	MINIMAL	MINIMAL	STRONG	STRONG AD	MINIMAL	1.0	5	-3.5	No	
22400	SR-239 Expressway Construction (Brentwood to Tracy)	Contra Costa	Highway Expansion	STRONG AD	MINIMAL	STRONG AD	MODERATE AD	STRONG AD	MODERATE AD	MINIMAL	MODERATE	STRONG AD	MINIMAL	1.0	5	-3.5	No	
94050	SR-4 Upgrade to Full Freeway (Phase 2: Cummings Skyway to I-80)	Contra Costa	Highway Expansion	STRONG AD	MODERATE	MODERATE AD	STRONG AD	STRONG AD	STRONG AD	MINIMAL	STRONG	STRONG AD	MINIMAL	1.5	6	-4.0	Yes	
98133	Pacheco Boulevard Widening (Blum Road to Arthur Road)	Contra Costa	Highway Expansion	STRONG AD	MINIMAL	STRONG AD	STRONG AD	MINIMAL	STRONG AD	MINIMAL	MODERATE	STRONG AD	MINIMAL	0.5	5	-4.5	No	
230252	Marin Countywide Bus Service Frequency Improvements	Marin	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	No	
21325	US-101 Twin Cities Corridor Improvements	Marin	Road Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	No	
240644	Marin Countywide Senior Mobility Program	Marin	Safety	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	1.5	0	1.5	No	
240134, 21627	Caltrain Service Frequency Improvements (6-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-County	Transit Efficiency	STRONG	STRONG	STRONG	STRONG	STRONG	MODERATE	STRONG	STRONG	STRONG	MINIMAL	8.5	0	8.5	Yes	
00BART	BART Service Frequency Improvements	Multi-County	Transit Efficiency	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	MINIMAL	8.5	0	8.5	Yes	
240182	BART Metro Program	Multi-County	Transit Efficiency	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	MODERATE	STRONG	MINIMAL	8.5	0	8.5	Yes	
240018	Dumbarton Corridor Express Bus	Multi-County	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	STRONG	MODERATE	MODERATE	MINIMAL	6.0	0	6.0	No	
00ACT1	AC Transit Service Frequency Improvements	Multi-County	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	STRONG	MODERATE	MINIMAL	5.5	0	5.5	Yes	
230219, 230314	Golden Gate Bus Service Frequency Improvements	Multi-County	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MINIMAL	5.0	0	5.0	No	
	BART Station Capacity Improvements	Multi-County	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.0	0	5.0	Yes	
	BART Station Access Improvements	Multi-County	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.0	0	5.0	Yes	
240019	Transit Enhancements - Caltrain Station Upgrades, Phase 1	Multi-County	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.0	0	5.0	Yes	
22227, 240328, 240334	Geneva Avenue Corridor Improvements (Roadway Extension, BRT, and Southern Intermodal Terminal)	Multi-County	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	Yes	
240113	BART Hayward Maintenance Complex	Multi-County	Transit Efficiency	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	4.5	0	4.5	Yes	
230055	Golden Gate Ferry Service Frequency Improvements	Multi-County	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	4.0	0	4.0	No	
230604	Bay Bridge Contraflow Lane	Multi-County	Pricing	STRONG	MINIMAL	STRONG	MINIMAL	MINIMAL	MINIMAL	MODERATE	STRONG	MODERATE	MINIMAL	4.0	0	4.0	Yes	
240036	Caltrain Communications-Based Overlay Signal System (CBOSS) and Positive Train Control System (PTC)	Multi-County	Transit Efficiency	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MODERATE	2.5	0	2.5	No	
240060, 240523	US 101 HOV Lanes (Whipple to Cesar Chavez Street)	Multi-County	Road Efficiency	MODERATE	MODERATE	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MODERATE	MINIMAL	2.5	0	2.5	Yes	
22765	I-580/I-680 Interchange HOV Direct Connectors	Multi-County	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MODERATE	MINIMAL	2.0	0	2.0	No	

LEGEND		IMPACT TO TARGETS		
STRONG	MODERATE	MINIMAL	MODERATE ADVERSE	STRONG

Project ID	Project Name	County	Project Type	CO2	Housing	PM	Collisions	Active Transportation	Open Space / AG	Low Income HH Transportation Cost	Economic Vitality	Non-Auto Travel Time/VMT	Maintenance	Targets Supported	Targets Adversely Impacted	Targets Net Score	In PDA?
22353, 21223	HOV Gap Closure in Walnut Creek (N. Main to Livorna)	Multi-County	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MODERATE	MINIMAL	2.0	0	2.0	Yes
22003	Capitol Corridor Reliability Improvements (Phase 2)	Multi-County	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.0	0	1.0	Yes
22657	I-580 Westbound Truck Climbing Lane (Altamont Pass)	Multi-County	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.0	0	1.0	No
240140	Caltrain At-Grade Crossing Improvements	Multi-County	Transit Efficiency	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	1.0	0	1.0	No
240571	I-80/I-880 Congestion Pricing and Clean Vehicle Incentive Program	Multi-County	Pricing	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE AD	MINIMAL	MINIMAL	MODERATE	MODERATE AD	MINIMAL	1.5	1	0.5	Yes
98147, 240691	Marin-Sonoma Narrows (Phase 2)	Multi-County	Highway Expansion	MODERATE AD	MINIMAL	MODERATE AD	STRONG	MODERATE AD	MODERATE	MINIMAL	STRONG	MODERATE AD	MINIMAL	2.5	2	0.5	No
HOTe	Express Lanes Network E	Multi-County	Express Lanes Network	MODERATE AD	MODERATE	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE	MINIMAL	STRONG	MODERATE AD	MINIMAL	2.0	3	-0.5	Yes
240521, 21627, 240134	Caltrain Vision (10-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-County/ 3434	Transit Efficiency	STRONG	STRONG	STRONG	STRONG	STRONG	MODERATE	STRONG	STRONG	STRONG	MINIMAL	8.5	0	8.5	Yes
22009	Capitol Corridor Service Frequency Improvements (Oakland to San Jose)	Multi-County/ 3434	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	STRONG	STRONG	STRONG	MINIMAL	7.0	0	7.0	Yes
240676, 240675, 240677	SMART (Phase 2: Extensions to Cloverdale & Larkspur + IOS Cost Deferrals)	Multi-County/ 3434	Transit Expansion	STRONG	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	6.0	0	6.0	Yes
22511, 22512, 22122, 230613, 22120, 230581	WETA Service Expansion (Treasure Island, Berkeley/Albany, Richmond, Hercules, and Redwood City)	Multi-County/ 3434	Transit Expansion	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	No
98139	ACE Expansion	Multi-County/ 3434	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	No
240216	Dumbarton Rail	Multi-County/ 3434	Transit Expansion	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	4.0	0	4.0	No
240122	SR-29 Complete Streets Improvements	Napa	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	2.0	0	2.0	Yes
240617	SR-29 HOV Lanes & BRT (Napa Junction to Vallejo)	Napa	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MODERATE	MINIMAL	1.5	0	1.5	Yes
94075	SR-12 Jameson Canyon Project (Phase 3: New SR-12/SR-29 Interchange)	Napa	Road Efficiency	MODERATE AD	MINIMAL	MODERATE AD	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	1	0.5	No
240410	Transportation for Livable Communities	Regional	TLC	STRONG	STRONG	STRONG	STRONG	STRONG	MODERATE	MODERATE	MODERATE	STRONG	MINIMAL	7.5	0	7.5	Yes
22247	Regional Bikeway Network	Regional	Bike/Ped	STRONG	MODERATE	STRONG	STRONG	STRONG	MODERATE	MODERATE	MODERATE	STRONG	MINIMAL	7.0	0	7.0	Yes
240690	Lifeline Program	Regional	Lifeline/New Freedom	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MINIMAL	STRONG	MODERATE	STRONG	MINIMAL	6.0	0	6.0	Yes
NewFree	New Freedom	Regional	Lifeline/New Freedom	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MINIMAL	STRONG	MODERATE	STRONG	MINIMAL	6.0	0	6.0	Yes
Transitshort	Transit Capital Maintenance Needs	Regional	Maintenance	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	STRONG	4.5	0	4.5	Yes
LS&R	Local Streets and Roads Capital Maintenance Needs	Regional	Maintenance	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	STRONG	4.5	0	4.5	Yes
230419	Freeway Performance Initiative	Regional	FPI	MODERATE	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	STRONG	MODERATE	MINIMAL	4.0	0	4.0	Yes
230550	Climate Initiatives	Regional	Climate	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	3.0	0	3.0	Yes
240589	EV Solar Installation [BAAQMD program]	Regional	Climate	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE AD	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	1.0	1	0.5	Yes
240577	Heavy-Duty Truck Replacement [BAAQMD program]	Regional	Climate	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE AD	MINIMAL	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	1.0	1	0.0	Yes
240582	Truck & Motorcycle Retirement [BAAQMD program]	Regional	Climate	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE AD	MINIMAL	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	1.0	1	0.0	Yes
240171	SFMTA Transit Effectiveness Project	San Francisco	Transit Efficiency	STRONG	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	STRONG	STRONG	7.5	0	7.5	Yes
240526	SFCTA Transit Performance Initiative	San Francisco	Transit Efficiency	STRONG	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	STRONG	STRONG	7.5	0	7.5	Yes
230164	Geary Boulevard BRT	San Francisco	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	STRONG	STRONG	MINIMAL	6.5	0	6.5	Yes
240522	Congestion Pricing Pilot	San Francisco	Pricing	STRONG	STRONG	STRONG	MODERATE	MODERATE	MINIMAL	MINIMAL	STRONG	STRONG	MODERATE	6.5	0	6.5	Yes
00MUNI	Muni Service Frequency Improvements	San Francisco	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	STRONG	MODERATE	MINIMAL	5.5	0	5.5	Yes
240155	Better Market Street	San Francisco	Transit Efficiency	MINIMAL	MODERATE	MODERATE	STRONG	STRONG	MINIMAL	MODERATE	MODERATE	STRONG	MODERATE	5.5	0	5.5	Yes
240158	Eastern Neighborhoods (EN TRIPS) Circulation & Streetscape Improvements	San Francisco	Road Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	Yes
240545	Parkmerced Light Rail Corridor	San Francisco	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	Yes
240557	Oakdale Caltrain Station	San Francisco	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	Yes
240694	Treasure Island Congestion Pricing	San Francisco	Pricing	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	Yes
22415	Historic Streetcar Expansion Program	San Francisco	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	MINIMAL	MINIMAL	MODERATE	MODERATE	MINIMAL	4.0	0	4.0	Yes
240147	Southeast Waterfront Transportation Improvements	San Francisco	Transit Efficiency	MINIMAL	MODERATE	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	3.0	0	3.0	Yes
240163	Hunters Point & Candlestick Point Local Road Network	San Francisco	Road Efficiency	MINIMAL	STRONG	MINIMAL	MINIMAL	STRONG	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	3.0	0	3.0	Yes
240358	Mission Bay Local Road Network	San Francisco	Arterial Expansion	MINIMAL	STRONG	MINIMAL	MINIMAL	STRONG	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	3.0	0	3.0	Yes
240344	SFpark	San Francisco	Parking	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MODERATE	MINIMAL	2.0	0	2.0	Yes
240035	Caltrain Terminal Station Improvements (4th & King)	San Francisco	Transit Efficiency	MINIMAL	STRONG	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	Yes
230555	I-80 Yerba Buena Island Interchange Improvements	San Francisco	Road Efficiency	MODERATE AD	MODERATE	MODERATE AD	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	1	1.0	No
230290	Transbay Transit Center - Phase 2B (Caltrain Downtown Extension)	San Francisco/ 3434	Transit Expansion	STRONG	STRONG	STRONG	STRONG	STRONG	MODERATE	MODERATE	STRONG	STRONG	MINIMAL	8.0	0	8.0	Yes
230161	Van Ness Avenue BRT	San Francisco/ 3434	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	STRONG	STRONG	MINIMAL	6.5	0	6.5	Yes
240026	SamTrans El Camino BRT	San Mateo	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	Yes
240590	El Camino Real Complete Streets Improvements	San Mateo	Road Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	No
22274	ITS Improvements in San Mateo County	San Mateo	Road Efficiency	MODERATE	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	STRONG	MODERATE	MINIMAL	4.0	0	4.0	No
21602	US-101 Broadway Interchange Improvements	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.5	0	2.5	No
21603	US-101 Woodside Road Interchange Improvements	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.5	0	2.5	No
21606	US-101 Willow Road Interchange Improvements	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.5	0	2.5	No
22756	US-101 Candlestick Point Interchange Improvements	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	No
21615	I-280/SR-1 Interchange Improvements	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
22268	San Mateo Countywide Shuttle Service Frequency Improvements	San Mateo	Transit Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MODERATE	MINIMAL	MODERATE	1.5	0	1.5	No
22229	US-101 Sierra Point Parkway Interchange Improvements + Lagoon Way Extension	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.5	0	1.5	No
22279	US-101 Produce Road Interchange Improvements	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.5	0	1.5	No

LEGEND		IMPACT TO TARGETS		
STRONG	MODERATE	MINIMAL	MODERATE ADVERSE	STRONG

Project ID	Project Name	County	Project Type	CO2	Housing	PM	Collisions	Active Transportation	Open Space / AG	Low Income HH Transportation Cost	Economic Vitality	Non-Auto Travel Time/VMT	Maintenance	Targets Supported	Targets Adversely Impacted	Targets Net Score	In PDA?
21613	SR-92 Improvements (Phase 1: San Mateo Bridge to I-280)	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
21604	US-101 Auxiliary Lane Modifications (Oyster Point to San Francisco County line)	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
22230	I-280 Auxiliary Lanes (Hickey Boulevard to I-380)	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
240064	Caltrain Grade Separations (Phase 1: San Mateo County)	San Mateo	Transit Efficiency	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	1.0	0	1.0	No
240114	SR-1 Safety & Operational Improvements (Pacifica to Half Moon Bay)	San Mateo	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	1.0	0	1.0	No
94644	SR-92 Westbound Slow-Vehicle Climbing Lane (I-280 to SR-35)	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.0	0	1.0	No
21612	Dumbarton Bridge/US-101 Access Improvements (Phase 1)	San Mateo	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.0	0	1.0	No
22282	US-101 Operational Improvements (near US-101/SR-92 Interchange)	San Mateo	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	0	0.0	No
98204	SR-1 Widening (Fassler Avenue to Westport Drive)	San Mateo	Highway Expansion	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	0	0.0	No
240119	VTA El Camino BRT	Santa Clara	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	STRONG	STRONG	MINIMAL	6.5	0	6.5	Yes
22956	Capitol Expressway Light Rail Extension (Phase 2: to Eastridge Transit Center)	Santa Clara	Transit Expansion	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	Yes
22978	Capitol Expressway Light Rail Extension (Phases 2 & 3: to Nieman)	Santa Clara	Transit Expansion	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	Yes
98119	Vasona Light Rail Extension (Phase 2)	Santa Clara	Transit Expansion	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	Yes
230547	Monterey Highway BRT	Santa Clara	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	Yes
230554	Sunnyvale-Cupertino BRT	Santa Clara	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	5.5	0	5.5	Yes
230534	Caltrain Electrification (Tamien to Gilroy)	Santa Clara	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	4.5	0	4.5	Yes
21760	Caltrain Double-Track Improvements (San Jose to Gilroy)	Santa Clara	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	4.0	0	4.0	Yes
240494	ITS Improvements in Santa Clara County	Santa Clara	Road Efficiency	MODERATE	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	STRONG	MODERATE	MINIMAL	4.0	0	4.0	No
22965	New US-101 Mabury/Taylor Interchange	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	Yes
22979	New US-101 Zanker/Skyport/Fourth Street Interchange	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	Yes
240437	US-101 Braided Ramps (Capitol Expressway to Yerba Buena Road)	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	Yes
240441	US-101/Oregon Expressway/Embarcadero Road Interchange Improvements	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	2.0	0	2.0	No
21719	I-880/I-280/Stevens Creek Boulevard Interchange Improvements	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	Yes
240429	I-880/US-101 Interchange Improvements	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	Yes
240444	US-101/SR-237 Interchange Improvements	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
240580	I-280/Lawrence Expressway/Stevens Creek Interchange Improvements	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
230337	New Lawrence Expressway Interchange (Monroe Street)	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
230340	New Lawrence Expressway Interchange (Kifer Road)	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
230537	I-280 Winchester Boulevard Interchange Improvements	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
240671	New I-280 Senter Road Interchange	Santa Clara	Arterial Expansion	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	No
240063	Caltrain Terminal Station Improvements (San Jose Diridon)	Santa Clara	Transit Efficiency	MINIMAL	STRONG	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.5	0	1.5	Yes
240431	SR-85 Auxiliary Lanes (El Camino Real to Winchester Boulevard)	Santa Clara	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.0	0	1.0	Yes
240479	I-680 Auxiliary Lanes (McKee Road to Berryessa Road)	Santa Clara	Road Efficiency	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	1.0	0	1.0	No
230332	Rengstorff Avenue Grade Separation	Santa Clara	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.5	0	0.5	No
240048	Caltrain Diridon Station Track Capacity Expansion (Phases 2 & 3)	Santa Clara	Transit Efficiency	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.5	0	0.5	Yes
240586	Oregon Expressway Alma Bridge Interchange Improvements	Santa Clara	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.5	0	0.5	Yes
21922	Mineta San Jose International Airport APM Connector	Santa Clara	Transit Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	0	0.0	Yes
22814	Foothill Expressway Deceleration Lane Extension	Santa Clara	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	0	0.0	No
240404	Calaveras Boulevard Overpass Widening (Abel Street to Milpitas Boulevard)	Santa Clara	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	0	0.0	Yes
240443	Mary Avenue Extension	Santa Clara	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	0	0.0	Yes
HOTd	Express Lanes Network D	Santa Clara	Express Lanes Network	MODERATE AD	MODERATE	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE	MINIMAL	STRONG	MODERATE AD	MINIMAL	2.0	3	-0.5	Yes
230294	New SR-152 Alignment	Santa Clara	Highway Expansion	STRONG AD	MINIMAL	STRONG AD	MODERATE	STRONG AD	MINIMAL	MINIMAL	STRONG	STRONG AD	MINIMAL	1.5	4	-2.5	No
21714	US-101 Widening (Monterey Street to SR-129)	Santa Clara	Road Efficiency	STRONG AD	MINIMAL	MODERATE AD	STRONG AD	STRONG AD	STRONG AD	MINIMAL	STRONG	STRONG AD	MINIMAL	1.0	6	-4.5	No
240375	BART to San Jose/Santa Clara (Phase 2: Berryessa to Santa Clara)	Santa Clara/ 3434	Transit Expansion	STRONG	STRONG	STRONG	STRONG	MODERATE	MODERATE	STRONG	STRONG	STRONG	MINIMAL	8.0	0	8.0	Yes
22019	Downtown East Valley (Phase 2: LRT)	Santa Clara/ 3434	Transit Expansion	MODERATE	STRONG	MODERATE	MODERATE	STRONG	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	5.0	0	5.0	Yes
22629	Vallejo Ferry Terminal Intermodal Station	Solano	Transit Expansion	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	4.0	0	4.0	Yes
21341	Fairfield/Vacaville Capitol Corridor Station (Phases 1, 2, and 3)	Solano	Transit Efficiency	MODERATE	STRONG	MODERATE	MODERATE	MODERATE	MINIMAL	MINIMAL	MODERATE	MODERATE	MINIMAL	4.0	0	4.0	Yes
230468	I-80 Auxiliary Lanes (Airbase Parkway to I-680)	Solano	Highway Expansion	MINIMAL	MODERATE	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.5	0	1.5	No
230325	I-80 Westbound Cordelia Truck Scales Relocation	Solano	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	1.0	0	1.0	No
230575	Rio Vista Bridge Reconstruction & Realignment	Solano	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	0.5	0	0.5	No
230326, 230327	I-80/I-680/SR-12 Widening & Interchange Improvements	Solano	Highway Expansion	MODERATE AD	MODERATE	MODERATE AD	MINIMAL	MODERATE AD	MINIMAL	MINIMAL	STRONG	MODERATE AD	MINIMAL	1.5	2	-0.5	No
22794	Curtola Transit Center Improvements	Solano	Transit Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	1	-0.5	No
94151	Jepson Parkway Construction (SR-12 to I-80)	Solano	Highway Expansion	MODERATE AD	MINIMAL	MODERATE AD	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	MODERATE	MODERATE AD	MINIMAL	0.5	2	-1.5	No
230313	Redwood Parkway & Fairground Drive Roadway Improvements	Solano	Road Efficiency	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MINIMAL	MINIMAL	MODERATE	MODERATE AD	MINIMAL	0.5	3	-2.5	No
230561	SR-113 Relocation out of Dixon	Solano	Highway Expansion	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	0.0	4	-3.5	No
230477	SR-12 Widening (SR-29 to Sacramento County line)	Solano	Highway Expansion	STRONG AD	MINIMAL	STRONG AD	STRONG AD	STRONG AD	MODERATE AD	MINIMAL	MODERATE	STRONG AD	MINIMAL	0.5	6	-5.0	No
240650	Sonoma Countywide Bus Service Frequency Improvements	Sonoma	Transit Efficiency	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	MODERATE	STRONG	MODERATE	MODERATE	MINIMAL	5.0	0	5.0	No
230366	Caulfield Lane Extension (Southern Crossing)	Sonoma	Road Efficiency	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0	0	0.0	Yes
21998	SR-116 Widening & Rehabilitation (Elphick Road to Redwood Drive)	Sonoma	Highway Expansion	MODERATE AD	MODERATE	MODERATE AD	MODERATE AD	MODERATE AD	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MODERATE	1.0	2	-1.0	Yes
22207	Farmers Lane Extension (Bellevue Avenue to SR-12)	Sonoma	Highway Expansion	MODERATE AD	MODERATE	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	0.5	3	-2.5	No
21884	Petaluma Cross-Town Connector/Interchange	Sonoma	Road Efficiency	MODERATE AD	MODERATE	MODERATE AD	MODERATE AD	MODERATE AD	MODERATE AD	MINIMAL	MINIMAL	MODERATE AD	MINIMAL	0.5	3	-2.5	No

LEGEND		IMPACT TO TARGETS		
STRONG	MODERATE	MINIMAL	MODERATE ADVERSE	STRONG



**Targets Assessment of Small Projects by Project Type - DRAFT (sorted by Targets Net Score)**

**Table 5**

Summarized Categories of Small Projects	# of Projects	CO <sub>2</sub>	Housing*	PM	PM in CARE*	Collisions	Active Transport	Open Space/AG*	Low-Inc HH Trans. Cost	Economic Vitality*	Non Auto Mode Share/VMT	Maintenance	Targets Net Score
Transit Expansion & Efficiency	65	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	STRONG	MINIMAL	9.0
Emissions Reduction	10	STRONG	MINIMAL	STRONG	STRONG	MINIMAL	STRONG	MINIMAL	STRONG	STRONG	STRONG	MINIMAL	6.0
Bicycle and Pedestrian Improvements	109	STRONG	MINIMAL	MODERATE	MODERATE	STRONG	STRONG	MINIMAL	MODERATE	MINIMAL	MODERATE	MINIMAL	4.5
State Highways, Arterials, and Local Streets (Maintenance & Safety)	71	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	STRONG	3.5
Transit Maintenance & Safety	16	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MODERATE	MINIMAL	MINIMAL	MINIMAL	MODERATE	STRONG	3.5
Public Outreach/Info/ Preparedness	9	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MODERATE	MINIMAL	MODERATE	MINIMAL	MINIMAL	3.0
ITS/TDM/Parking	22	MODERATE	MINIMAL	MODERATE	MINIMAL	MODERATE	MODERATE	MINIMAL	MINIMAL	MODERATE	MODERATE	MINIMAL	3.0
State Highways, Arterials, and Local Streets (Expansion & Efficiency)	259	MINIMAL	STRONG	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	STRONG	MINIMAL	MINIMAL	0.0
Other	6	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	MINIMAL	0.0
Freeways and Interchanges	102	STRONG AD	STRONG	STRONG AD	STRONG AD	MINIMAL	STRONG AD	MINIMAL	MINIMAL	STRONG	STRONG AD	MINIMAL	-2.0

\* Assessment based on the project geography

LEGEND	IMPACT TO TARGETS			
STRONG	MODERATE	MINIMAL	MODERATE ADVERSE	STRONG ADVERSE

Project ID	Project Name	County	EQUITY-RELATED TARGETS			In Community In CARE? of Concern?	
			Housing	PM in CARE	Low Income HH Transportation Cost		
22062	Irvington BART Station	Alameda	STRONG	MINIMAL	MODERATE	No	No
240180	BART Bay Fair Connection	Alameda	STRONG	MODERATE	MODERATE	Yes	Yes
98207	I-880 Broadway/Jackson Interchange Improvements and Alameda-Oakland BRT + Transit Access Improvements	Alameda	MODERATE	MODERATE	STRONG	Yes	Yes
240196	BART to Livermore (Phase 1: 1-Station Rail Extension with Bus Enhancements)	Alameda	MODERATE	MINIMAL	STRONG	No	No
22667	BART to Livermore (Phases 1 & 2: Rail Extension)	Alameda	MODERATE	MINIMAL	STRONG	No	No
22089	Martinez Subdivision & Rail Improvements	Alameda	MODERATE	MINIMAL	MINIMAL	No	No
22779	I-880/SR-262 Interchange Improvements (Phase 2: Warren Avenue Grade Separation)	Alameda	MODERATE	MINIMAL	MINIMAL	No	No
22769	I-880 23rd/29th Interchange Improvements	Alameda	MODERATE	MINIMAL	MINIMAL	Yes	Yes
240052	I-880 Whipple Road Interchange Improvements	Alameda	MODERATE	MINIMAL	MINIMAL	No	No
240279	Mandela Parkway & 3rd Street Corridor Street Reconstruction	Alameda	MODERATE	MINIMAL	MINIMAL	No	Yes
240317	Port of Oakland Wharf Replacement & Berth Deepening (Berths 60-63)	Alameda	MINIMAL	MINIMAL	MINIMAL	No	Yes
240657	I-580 Corridor Spot Intersection Improvements	Alameda	MODERATE	MINIMAL	MINIMAL	No	Yes
21100	I-580 Vasco Road Interchange Improvements & Auxiliary Lanes	Alameda	MODERATE	MINIMAL	MINIMAL	No	No
240318	I-80 Ashby Interchange Improvements	Alameda	MODERATE	MODERATE AD	MINIMAL	No	Yes
240562	SR-92 Clawiter/Whitesell Interchange Improvements	Alameda	MODERATE	MINIMAL	MINIMAL	No	No
22082	Port of Oakland 7th Street Grade Separation & Roadway Improvements	Alameda	MINIMAL	MINIMAL	MINIMAL	Yes	Yes
22760	Port of Oakland Outer Harbor Intermodal Terminals	Alameda	MINIMAL	MINIMAL	MINIMAL	No	No
240024	Oakland Army Base Infrastructure Improvements	Alameda	MINIMAL	MINIMAL	MINIMAL	Yes	Yes
230103	Decoto Neighborhood Grade Separation	Alameda	MINIMAL	MINIMAL	MINIMAL	Yes	No
230099	I-580/I-680 Interchange Improvements (Phase 1)	Alameda	MODERATE	MINIMAL	MINIMAL	No	No
94506	Fremont/Union City East-West Connector	Alameda	MODERATE	MINIMAL	MINIMAL	Yes	No
240062, 22776	SR-84/I-680 Interchange Improvements + SR-84 Widening (Jack London to I-680)	Alameda	MODERATE	MINIMAL	MINIMAL	No	No
240053	Whipple Road Widening (Mission Boulevard to I-880)	Alameda	MODERATE	MINIMAL	MINIMAL	Yes	No
22455	AC Transit East Bay BRT	Alameda/ 3434	STRONG	MINIMAL	STRONG	No	No
22780	AC Transit Grand-MacArthur BRT	Alameda/ 3434	STRONG	MINIMAL	STRONG	No	No
230101	Union City Commuter Rail Station + Dumbarton Rail Segment G Improvements	Alameda/ 3434	STRONG	MODERATE	STRONG	Yes	Yes
230321	Hercules Intermodal Station (Phases 2, 3, and 4)	Contra Costa	STRONG	MINIMAL	STRONG	No	No
22343	I-680 Express Bus Service Frequency Improvements (Phase 2)	Contra Costa	MODERATE	MODERATE	MODERATE	Yes	Yes
22353	I-680 Southbound HOV Gap Closure (North Main Street to Livorna Road)	Contra Costa	MODERATE	MINIMAL	MINIMAL	No	No
22360	I-80 San Pablo Dam Road Interchange Improvements	Contra Costa	MODERATE	MINIMAL	MINIMAL	No	No
21205, 22350	I-680/SR-4 Interchange Improvements + SR-4 Widening (Morello Avenue to SR-242)	Contra Costa	MODERATE	MINIMAL	MINIMAL	No	No
22604	Vasco Road Safety & Operational Improvements (Brentwood to San Joaquin County line)	Contra Costa	MINIMAL	MINIMAL	MINIMAL	No	No
22981	SR-4 Widening (Marsh Creek Road to San Joaquin County line)	Contra Costa	MINIMAL	MINIMAL	MINIMAL	No	No
22605	SR-4 Bypass Completion (SR-160 to Walnut Avenue)	Contra Costa	MINIMAL	MINIMAL	MINIMAL	No	No
22400	SR-239 Expressway Construction (Brentwood to Tracy)	Contra Costa	MINIMAL	MINIMAL	MINIMAL	No	No
94050	SR-4 Upgrade to Full Freeway (Phase 2: Cummings Skyway to I-80)	Contra Costa	MODERATE	MINIMAL	MINIMAL	No	No
98133	Pacheco Boulevard Widening (Blum Road to Arthur Road)	Contra Costa	MINIMAL	MINIMAL	MINIMAL	No	No
230252	Marin Countywide Bus Service Frequency Improvements	Marin	STRONG	MINIMAL	MODERATE	No	No
21325	US-101 Twin Cities Corridor Improvements	Marin	STRONG	MINIMAL	MODERATE	No	No
240644	Marin Countywide Senior Mobility Program	Marin	MINIMAL	MINIMAL	MODERATE	No	No
240134, 21627	Caltrain Service Frequency Improvements (6-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-County	STRONG	MODERATE	STRONG	Yes	Yes
00BART	BART Service Frequency Improvements	Multi-County	STRONG	MODERATE	STRONG	Yes	Yes
240182	BART Metro Program	Multi-County	STRONG	MODERATE	STRONG	Yes	Yes
240018	Dumbarton Transit Corridor (Phase 1: Express Bus)	Multi-County	STRONG	MODERATE	STRONG	Yes	Yes

Project ID	Project Name	County	EQUITY-RELATED TARGETS			In Community In CARE? of Concern?	
			Housing	PM in CARE	Low Income HH Transportation Cost	Yes	No
00ACT1	AC Transit Service Frequency Improvements	Multi-County	MODERATE	MINIMAL	STRONG	Yes	Yes
230219, 230314	Golden Gate Bus Service Frequency Improvements	Multi-County	MODERATE	MINIMAL	STRONG	No	No
	BART Station Capacity Improvements	Multi-County	STRONG	MODERATE	MODERATE	Yes	Yes
	BART Station Access Improvements	Multi-County	STRONG	MODERATE	MODERATE	Yes	Yes
240019	Transit Enhancements - Caltrain Station Upgrades, Phase 1	Multi-County	STRONG	MODERATE	MODERATE	No	No
22227, 240328, 240334	Geneva Avenue Corridor Improvements (Roadway Extension, BRT, and Southern Intermodal Terminal)	Multi-County	STRONG	MODERATE	MODERATE	Yes	Yes
240113	BART Hayward Maintenance Complex	Multi-County	MINIMAL	MODERATE	MODERATE	No	No
230055	Golden Gate Ferry Service Frequency Improvements	Multi-County	MODERATE	MINIMAL	MINIMAL	No	No
230604	Bay Bridge Contraflow Lane	Multi-County	MINIMAL	MINIMAL	MODERATE	Yes	Yes
240036	Caltrain Communications-Based Overlay Signal System (CBOSS) and Positive Train Control System (PTC)	Multi-County	MINIMAL	MINIMAL	MINIMAL	No	No
240060, 240523	US 101 HOV Lanes (Whipple to Cesar Chavez Street)	Multi-County	MODERATE	MINIMAL	MINIMAL	Yes	Yes
22765	I-580/I-680 Interchange HOV Direct Connectors	Multi-County	MODERATE	MINIMAL	MINIMAL	No	No
22353, 21223	HOV Gap Closure in Walnut Creek (N. Main to Livorna)	Multi-County	MODERATE	MINIMAL	MINIMAL	Yes	Yes
22003	Capitol Corridor Reliability Improvements (Phase 2)	Multi-County	MINIMAL	MODERATE	MINIMAL	Yes	Yes
22657	I-580 Westbound Truck Climbing Lane (Altamont Pass)	Multi-County	MINIMAL	MINIMAL	MINIMAL	No	No
240140	Caltrain At-Grade Crossing Improvements	Multi-County	MINIMAL	MINIMAL	MINIMAL	No	No
240571	I-80/I-880 Congestion Pricing and Clean Vehicle Incentive Program	Multi-County	MINIMAL	MODERATE	MINIMAL	Yes	Yes
98147, 240691	Marin-Sonoma Narrows (Phase 2)	Multi-County	MINIMAL	MINIMAL	MINIMAL	No	No
HOTe	Express Lanes Network E	Multi-County	MODERATE	MODERATE AD	MINIMAL	Yes	Yes
240521, 21627, 240134	Caltrain Vision (10-Train Service during Peak Hours) + Electrification (SF to Tamien)	Multi-County/ 3434	STRONG	MODERATE	STRONG	Yes	Yes
22009	Capitol Corridor Service Frequency Improvements (Oakland to San Jose)	Multi-County/ 3434	STRONG	MODERATE	STRONG	Yes	Yes
240676, 240675, 240677	SMART (Phase 2: Extensions to Cloverdale & Larkspur + IOS Cost Deferrals)	Multi-County/ 3434	STRONG	MINIMAL	MODERATE	Yes	No
22511, 22512, 22122, 230613, 22120, 230581	WETA Service Expansion (Treasure Island, Berkeley/Albany, Richmond, Hercules, and Redwood City)	Multi-County/ 3434	STRONG	MODERATE	MODERATE	Yes	Yes
98139	ACE Expansion	Multi-County/ 3434	MODERATE	MINIMAL	MODERATE	No	No
240216	Dumbarton Transit Corridor (Phase 2: Commuter Rail)	Multi-County/ 3434	MODERATE	MINIMAL	MINIMAL	No	No
240122	SR-29 Complete Streets Improvements	Napa	MODERATE	MINIMAL	MINIMAL	No	No
240617	SR-29 HOV Lanes & BRT (Napa Junction to Vallejo)	Napa	MODERATE	MINIMAL	MINIMAL	Yes	No
94075	SR-12 Jameson Canyon Project (Phase 3: New SR-12/SR-29 Interchange)	Napa	MINIMAL	MINIMAL	MINIMAL	No	No
240410	Transportation for Livable Communities	Regional	STRONG	MODERATE	MODERATE	Yes	Yes
22247	Regional Bikeway Network	Regional	MODERATE	MODERATE	MODERATE	Yes	Yes
240690	Lifeline Program	Regional	STRONG	STRONG	STRONG	Yes	Yes
NewFree	New Freedom	Regional	STRONG	STRONG	STRONG	Yes	Yes
Transitshort	Transit Capital Maintenance Needs	Regional	MINIMAL	MODERATE	MODERATE	Yes	Yes
LS&R	Local Streets and Roads Capital Maintenance Needs	Regional	MINIMAL	MODERATE	MODERATE	Yes	Yes
230419	Freeway Performance Initiative	Regional	MODERATE	MODERATE	MODERATE	Yes	Yes
230550	Climate Initiatives	Regional	MINIMAL	MODERATE	MODERATE	Yes	Yes
240589	EV Solar Installation [BAAQMD program]	Regional	MINIMAL	MODERATE	MINIMAL	Yes	Yes
240577	Heavy-Duty Truck Replacement [BAAQMD program]	Regional	MINIMAL	MODERATE	MINIMAL	Yes	Yes
240582	Truck & Motorcycle Retirement [BAAQMD program]	Regional	MINIMAL	MODERATE	MINIMAL	Yes	Yes
240171	SFMTA Transit Effectiveness Project	San Francisco	STRONG	MODERATE	MODERATE	Yes	Yes
240526	SFCTA Transit Performance Initiative	San Francisco	STRONG	MODERATE	MODERATE	Yes	Yes
230164	Geary Boulevard BRT	San Francisco	STRONG	MODERATE	MODERATE	Yes	Yes
240522	Congestion Pricing Pilot	San Francisco	STRONG	STRONG	MINIMAL	No	Yes
00MUNI	Muni Service Frequency Improvements	San Francisco	MODERATE	MODERATE	STRONG	Yes	Yes
240155	Better Market Street	San Francisco	MODERATE	MODERATE	MODERATE	Yes	Yes
240158	Eastern Neighborhoods (EN TRIPS) Circulation & Streetscape Improvements	San Francisco	STRONG	MODERATE	MODERATE	Yes	Yes

Project ID	Project Name	County	EQUITY-RELATED TARGETS			In Community In CARE? of Concern?	
			Housing	PM in CARE	Low Income HH Transportation Cost		
240545	Parkmerced Light Rail Corridor	San Francisco	STRONG	MINIMAL	MINIMAL	No	No
240557	Oakdale Caltrain Station	San Francisco	STRONG	MODERATE	MINIMAL	Yes	Yes
22415	Historic Streetcar Expansion Program	San Francisco	MODERATE	MODERATE	MINIMAL	Yes	Yes
240147	Southeast Waterfront Transportation Improvements	San Francisco	MODERATE	MODERATE	MODERATE	Yes	Yes
240163	Hunters Point & Candlestick Point Local Road Network	San Francisco	STRONG	MODERATE AD	MODERATE	Yes	Yes
240358	Mission Bay Local Road Network	San Francisco	STRONG	MODERATE AD	MODERATE	No	Yes
240694	Treasure Island Congestion Pricing	San Francisco	STRONG	MODERATE	MINIMAL	Yes	Yes
240344	SFpark	San Francisco	MINIMAL	MODERATE	MINIMAL	Yes	Yes
240035	Caltrain Terminal Station Improvements (4th & King)	San Francisco	STRONG	MODERATE	MINIMAL	Yes	Yes
230555	I-80 Yerba Buena Island Interchange Improvements	San Francisco	MODERATE	MINIMAL	MINIMAL	Yes	No
230290	Transbay Transit Center - Phase 2B (Caltrain Downtown Extension)	San Francisco/ 3434	STRONG	MODERATE	MODERATE	No	Yes
230161	Van Ness Avenue BRT	San Francisco/ 3434	STRONG	MODERATE	MODERATE	Yes	Yes
240026	SamTrans El Camino BRT	San Mateo	STRONG	MODERATE	MODERATE	Yes	Yes
240590	El Camino Real Complete Streets Improvements	San Mateo	STRONG	MINIMAL	MODERATE	No	No
22274	ITS Improvements in San Mateo County	San Mateo	MODERATE	MINIMAL	MODERATE	No	No
21602	US-101 Broadway Interchange Improvements	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
21603	US-101 Woodside Road Interchange Improvements	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
21606	US-101 Willow Road Interchange Improvements	San Mateo	MODERATE	MINIMAL	MINIMAL	No	Yes
22756	US-101 Candlestick Point Interchange Improvements	San Mateo	MODERATE	MINIMAL	MINIMAL	No	Yes
21615	I-280/SR-1 Interchange Improvements	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
22268	San Mateo Countywide Shuttle Service Frequency Improvements	San Mateo	MINIMAL	MINIMAL	MODERATE	No	No
22229	US-101 Sierra Point Parkway Interchange Improvements + Lagoon Way Extension	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
22279	US-101 Produce Road Interchange Improvements	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
21613	SR-92 Improvements (Phase 1: San Mateo Bridge to I-280)	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
21604	US-101 Auxiliary Lane Modifications (Oyster Point to San Francisco County line)	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
22230	I-280 Auxiliary Lanes (Hickey Boulevard to I-380)	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
240064	Caltrain Grade Separations (Phase 1: San Mateo County)	San Mateo	MINIMAL	MINIMAL	MINIMAL	No	No
240114	SR-1 Safety & Operational Improvements (Pacifica to Half Moon Bay)	San Mateo	MINIMAL	MINIMAL	MINIMAL	No	No
94644	SR-92 Westbound Slow-Vehicle Climbing Lane (I-280 to SR-35)	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
21612	Dumbarton Bridge/US-101 Access Improvements (Phase 1)	San Mateo	MODERATE	MINIMAL	MINIMAL	No	No
22282	US-101 Operational Improvements (near US-101/SR-92 Interchange)	San Mateo	MINIMAL	MINIMAL	MINIMAL	No	No
98204	SR-1 Widening (Fassler Avenue to Westport Drive)	San Mateo	MINIMAL	MINIMAL	MINIMAL	No	No
240119	VTA El Camino BRT	Santa Clara	STRONG	MODERATE	MODERATE	Yes	Yes
22956	Capitol Expressway Light Rail Extension (Phase 2: to Eastridge Transit Center)	Santa Clara	STRONG	MODERATE	MODERATE	Yes	Yes
22978	Capitol Expressway Light Rail Extension (Phases 2 & 3: to Nieman)	Santa Clara	STRONG	MODERATE	MODERATE	Yes	Yes
98119	Vasona Light Rail Extension (Phase 2)	Santa Clara	STRONG	MINIMAL	MODERATE	No	No
230547	Monterey Highway BRT	Santa Clara	STRONG	MODERATE	MODERATE	Yes	Yes
230554	Sunnyvale-Cupertino BRT	Santa Clara	STRONG	MINIMAL	MODERATE	Yes	No
230534	Caltrain Electrification (Tamien to Gilroy)	Santa Clara	MODERATE	MODERATE	MODERATE	Yes	Yes
21760	Caltrain Double-Track Improvements (San Jose to Gilroy)	Santa Clara	MODERATE	MODERATE	MINIMAL	Yes	Yes
240494	ITS Improvements in Santa Clara County	Santa Clara	MODERATE	MINIMAL	MODERATE	No	No
22965	New US-101 Mabury/Taylor Interchange	Santa Clara	MODERATE	MINIMAL	MINIMAL	Yes	Yes
22979	New US-101 Zanker/Skyport/Fourth Street Interchange	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	Yes
240437	US-101 Braided Ramps (Capitol Expressway to Yerba Buena Road)	Santa Clara	MODERATE	MINIMAL	MINIMAL	Yes	Yes
240441	US-101/Oregon Expressway/Embarcadero Road Interchange Improvements	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	Yes
21719	I-880/I-280/Stevens Creek Boulevard Interchange Improvements	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	No

Project ID	Project Name	County	EQUITY-RELATED TARGETS			In Community In CARE? of Concern?	
			Housing	PM in CARE	Low Income HH Transportation Cost		
240429	I-880/US-101 Interchange Improvements	Santa Clara	MODERATE	MINIMAL	MINIMAL	Yes	Yes
240444	US-101/SR-237 Interchange Improvements	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	No
240580	I-280/Lawrence Expressway/Stevens Creek Interchange Improvements	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	No
230337	New Lawrence Expressway Interchange (Monroe Street)	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	No
230340	New Lawrence Expressway Interchange (Kifer Road)	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	No
230537	I-280 Winchester Boulevard Interchange Improvements	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	No
240671	New I-280 Senter Road Interchange	Santa Clara	MODERATE	MINIMAL	MINIMAL	Yes	Yes
240063	Caltrain Terminal Station Improvements (San Jose Diridon)	Santa Clara	STRONG	MODERATE	MINIMAL	No	Yes
240431	SR-85 Auxiliary Lanes (El Camino Real to Winchester Boulevard)	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	No
240479	I-680 Auxiliary Lanes (McKee Road to Berryessa Road)	Santa Clara	MODERATE	MINIMAL	MINIMAL	No	Yes
230332	Rengstorff Avenue Grade Separation	Santa Clara	MINIMAL	MINIMAL	MINIMAL	Yes	No
240048	Caltrain Diridon Station Track Capacity Expansion (Phases 2 & 3)	Santa Clara	MINIMAL	MINIMAL	MINIMAL	No	Yes
240586	Oregon Expressway Alma Bridge Interchange Improvements	Santa Clara	MINIMAL	MINIMAL	MINIMAL	No	No
21922	Mineta San Jose International Airport APM Connector	Santa Clara	MINIMAL	MINIMAL	MINIMAL	Yes	Yes
22814	Foothill Expressway Deceleration Lane Extension	Santa Clara	MINIMAL	MINIMAL	MINIMAL	No	No
240404	Calaveras Boulevard Overpass Widening (Abel Street to Milpitas Boulevard)	Santa Clara	MINIMAL	MINIMAL	MINIMAL	Yes	No
240443	Mary Avenue Extension	Santa Clara	MINIMAL	MINIMAL	MINIMAL	Yes	No
HOTd	Express Lanes Network D	Santa Clara	MODERATE	MODERATE AD	MINIMAL	Yes	Yes
230294	New SR-152 Alignment	Santa Clara	MINIMAL	MODERATE AD	MINIMAL	No	No
21714	US-101 Widening (Monterey Street to SR-129)	Santa Clara	MINIMAL	MINIMAL	MINIMAL	No	No
240375	BART to San Jose/Santa Clara (Phase 2: Berryessa to Santa Clara)	Santa Clara/ 3434	STRONG	MODERATE	STRONG	Yes	Yes
22019	Downtown East Valley (Phase 2: LRT)	Santa Clara/ 3434	STRONG	MODERATE	MINIMAL	Yes	Yes
22629	Vallejo Ferry Terminal Intermodal Station	Solano	MODERATE	MINIMAL	MODERATE	Yes	No
21341	Fairfield/Vacaville Capitol Corridor Station (Phases 1, 2, and 3)	Solano	STRONG	MINIMAL	MINIMAL	No	No
230468	I-80 Auxiliary Lanes (Airbase Parkway to I-680)	Solano	MODERATE	MINIMAL	MINIMAL	No	No
230325	I-80 Westbound Cordelia Truck Scales Relocation	Solano	MINIMAL	MINIMAL	MINIMAL	No	No
230575	Rio Vista Bridge Reconstruction & Realignment	Solano	MINIMAL	MINIMAL	MINIMAL	No	No
230326, 230327	I-80/I-680/SR-12 Widening & Interchange Improvements	Solano	MODERATE	MINIMAL	MINIMAL	No	No
22794	Curtola Transit Center Improvements	Solano	MINIMAL	MINIMAL	MINIMAL	Yes	No
94151	Jepson Parkway Construction (SR-12 to I-80)	Solano	MINIMAL	MINIMAL	MINIMAL	No	No
230313	Redwood Parkway & Fairground Drive Roadway Improvements	Solano	MODERATE AD	MINIMAL	MINIMAL	No	No
230561	SR-113 Relocation out of Dixon	Solano	MODERATE AD	MINIMAL	MINIMAL	No	No
230477	SR-12 Widening (SR-29 to Sacramento County line)	Solano	MINIMAL	MINIMAL	MINIMAL	No	No
240650	Sonoma Countywide Bus Service Frequency Improvements	Sonoma	MODERATE	MINIMAL	STRONG	No	No
230366	Caulfield Lane Extension (Southern Crossing)	Sonoma	MINIMAL	MINIMAL	MINIMAL	No	No
21998	SR-116 Widening & Rehabilitation (Elphick Road to Redwood Drive)	Sonoma	MODERATE	MINIMAL	MINIMAL	No	No
22207	Farmers Lane Extension (Bellevue Avenue to SR-12)	Sonoma	MODERATE	MINIMAL	MINIMAL	Yes	No
21884	Petaluma Cross-Town Connector/Interchange	Sonoma	MODERATE	MINIMAL	MINIMAL	No	No

LEGEND	IMPACT TO TARGETS			
STRONG	MODERATE	MINIMAL	MODERATE ADVERSE	STRONG ADVERSE