

Transportation Projections

Alternative	Schematic	Transit				Traffic		Cost	
		Transit Routing Option	Daily Transit Boardings	Daily Hours of Transit Service	Boardings per Hour	AM Vehicle Miles Traveled	PM Vehicle Miles Traveled	Transit Operating Cost/Year	Capital Cost
1-1 No Changes		-	-	-	-	-	-	-	\$0
2-1 HOV to Express Lane Conversion		-	-	-	-	+0.4%	+0.2%	-	\$135M
2-2 Short Dual Express Lane		-	-	-	-	+15.2%	+16.5%	-	\$200M
2-3 Long Dual Express Lane		-	-	-	-	+21.4%	+22.7%	-	\$270M
3-1 Short Median Transit Lane		1	310	109	2.8	+0.1%	+0.1%	\$6.6M	\$250M
		2	270	142	1.9	+0.2%	+0.1%	\$8.6M	\$250M
3-2 Long Median Transit Lane		1	570	109	5.2	+0.1%	+0.2%	\$6.6M	\$350M
		2	530	142	3.7	+0.1%	+0.1%	\$8.6M	\$350M
3-3 Long Right Side Transit Lane		1	560	109	5.1	+0.1%	+0.2%	\$6.6M	\$355M
		2	510	142	3.6	+0.1%	+0.1%	\$8.6M	\$310M
4-1 Median Bus on Shoulder		1	570	109	5.2	+0.1%	+0.1%	\$6.6M	\$334M
		2	530	142	3.7	+0.1%	+0.1%	\$8.6M	\$334M
4-2 Right Side Bus on Shoulder		1	500	109	4.6	+0.1%	+0.1%	\$6.6M	\$300M
		2	480	142	3.4	+0.1%	+0.1%	\$8.6M	\$255M

Cost Estimates (\$2020M)

Alternative	Schematic	Transit Routing Option	Express Lanes			Transit/Shldr Lane			Stations/Ramps				ECR Int.	Cont.	Const.	Support	Total Cost	
			Section 1	Section 2	Section 3	Section 1	Section 2	Section 3	Evelyn Ramp	ECR	Stevens Creek	Sara-toga						Bascom
1-1 No Changes		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-1 HOV to Express Lane Conversion		-	\$16	\$47	\$19	-	-	-	-	-	-	-	-	-	\$17	\$99	\$35	\$133
2-2 Short Dual Express Lane		-	\$16	\$87	\$19	-	-	-	-	-	-	-	-	-	\$25	\$147	\$51	\$198
2-3 Long Dual Express Lane		-	\$43	\$87	\$19	-	-	-	-	-	-	-	-	\$17	\$33	\$199	\$70	\$268
3-1 Short Median Transit Lane		1	\$16	\$47	\$19	-	\$40	-	-	-	\$10	\$12	\$10	-	\$31	\$185	\$65	\$250
		2	\$16	\$47	\$19	-	\$40	-	-	-	\$10	\$12	\$10	-	\$31	\$185	\$65	\$250
3-2 Long Median Transit Lane		1	\$16	\$47	\$19	\$27	\$40	-	\$7	\$13	\$10	\$12	\$10	\$17	\$44	\$261	\$91	\$352
		2	\$16	\$47	\$19	\$27	\$40	-	\$7	\$13	\$10	\$12	\$10	\$17	\$44	\$261	\$91	\$352
3-3 Long Right Side Transit Lane		1	\$16	\$47	\$19	\$35	\$55	-	-	\$8	\$8	\$8	\$8	\$17	\$44	\$263	\$92	\$355
		2	\$16	\$47	\$19	\$35	\$55	-	-	-	-	-	-	\$17	\$38	\$263	\$79	\$306
4-1 Median Bus on Shoulder		1	\$16	\$47	\$19	\$22	\$40	-	\$7	\$13	\$10	\$12	\$10	\$17	\$41	\$247	\$87	\$334
		2	\$16	\$47	\$19	\$22	\$40	-	\$7	\$13	\$10	\$12	\$10	\$17	\$41	\$247	\$87	\$334
4-2 Right Side Bus on Shoulder		1	\$16	\$47	\$19	\$22	\$35	-	-	\$8	\$8	\$8	\$8	\$17	\$37	\$224	\$78	\$302
		2	\$16	\$47	\$19	\$22	\$35	-	-	-	-	-	-	\$17	\$32	\$224	\$66	\$254