

A P P E N D I X E

T R A N S P O R T A T I O N D A T A



APPENDIX E1: VEHICLE MILES
TRAVELED (VMT)

Table A: San Mateo General Plan - VMT and ADT Summary
 City of San Mateo General Plan

Region/ Scenario	Households	Population	Employment	Employed Residents	ADT/ TripGen	VMT_HH	VMT_EMP	Total VMT	VMT/Capita	VMT/Job	Difference to Existing	Difference to Existing	%Difference to Existing	%Difference to Existing
											VMT/Cap	VMT/Emp	VMT/Cap	VMT/Emp
2020 Baseline														
City	41,057	107,774	62,439	59,793	414,402	1,721,158	1,026,899	4,049,429	16.0	16.4	-0.4	-0.9	-2%	-5%
San Mateo County	271,112	778,698	389,074	407,306	2,806,578	12,743,267	6,729,819	27,522,828	16.4	17.3				
Bay Area	2,766,416	7,736,524	3,854,089	3,909,153	25,029,400	125,903,138	65,943,226	358,936,547	16.3	17.1				
2040 PREFERRED														
City	61,139	159,117	79,353	85,944	541,077	2,328,406	1,213,574	5,420,137	14.6	15.3	-1.7	-2.0	-11%	-12%
San Mateo County	330,085	936,094	489,108	469,669	3,283,068	14,349,301	8,798,838	33,711,942	15.3	18.0				
Bay Area	3,430,821	9,669,255	4,728,260	4,713,728	29,414,319	157,406,464	81,873,205	456,858,804	16.3	17.3				

Source: San Mateo City Model, Kittelson & Assoc., Inc., 2023

Notes: The Region for VMT Impact comparison is defined as San Mateo County

APPENDIX E2: AVERAGE DAILY
TRAFFIC (ADT) VOLUMES

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San Mateo GP Intersection Turning Volumes - ADT

ADT - 2020 Counts

2020 Counts - ADT - 12 movement form

	Intersection		Southbound			Westbound			Northbound			Eastbound			Sum
	N/S Street	E/W Street	SBR	SBT	SBL	WBR	WBT	WBL	NBR	NBT	NBL	EBR	EBT	EBL	
1	Mariners Island Blvd	3rd Ave	145	260	60	90	6590	380	220	200	3350	4575	7625	195	23690
2	Baker Way	Fashion Island Blvd	325	1250	70	65	2770	3180	455	270	2195	3910	4780	535	19805
3	Mariners Island Blvd	Fashion Island Blvd	1365	2760	555	185	3770	1495	4870	2880	2160	4170	3790	1040	29040
4	Norfolk St	3rd Ave	765	1495	1550	620	9440	685	780	1190	4840	5595	10150	2020	39130
5	Norfolk St	Fashion Island Blvd	4420	2180	2250	2390	4410	1060	1520	1815	2120	1620	4480	1565	29830
6	Norfolk St	Hillsdale Blvd	2770	1245	595	775	15455	810	825	1285	3305	2735	16660	2560	49020
7	Humboldt St	Peninsula Ave	115	1410	890	1435	7320	1895	2365	415	675	1400	7440	55	25415
8	Humboldt St	Poplar Ave	830	1935	2000	765	3550	825	160	2545	680	600	2835	520	17245
9	Humboldt St	3rd Ave	390	2660	0	5810	9435	3440	0	670	45	0	0	0	22450
10	Humboldt St	4th Ave	0	2090	3755	0	0	0	2760	515	0	100	14050	220	23490
11	Grant St	Concar Dr	445	1855	300	170	1605	1345	900	1350	2660	1645	2070	690	15035
12	US Highway 101 SB Rar	Fashion Island Blvd	1455	320	3550	0	4840	3460	0	0	0	1755	6055	0	21435
13	US Highway 101 NB Rar	Hillsdale Blvd	0	0	0	0	17630	0	11405	0	3985	0	10670	0	43690
14	US Highway 101 SB Rar	Hillsdale Blvd	0	3100	2275	0	12295	0	0	0	0	2490	11730	0	31890
15	Delaware St	Peninsula Ave	130	1090	495	280	5980	1060	2175	865	1465	1285	5875	115	20815
16	Delaware St	Poplar Ave	335	2185	990	1475	1825	1300	670	2960	465	155	370	210	12940
17	Delaware St	3rd Ave	205	4890	0	1020	4385	2680	0	3090	320	900	0	385	17875
18	Delaware St	4th Ave	670	4520	2555	0	0	0	1345	2945	315	195	6545	290	19380
19	Delaware St	5th Ave	1460	2825	95	370	1400	100	125	3750	390	405	2105	600	13625
20	Delaware St	9th Ave	760	2830	90	155	1580	395	305	3120	675	610	2140	520	13180
21	Delaware St	Concar Dr	1640	4255	1365	1250	3330	1460	1240	4490	1950	2980	2590	2040	28590
22	SR 92 WB Ramps	Concar Dr	0	0	0	0	355	6935	7380	0	515	975	270	0	16430
23	Grant St	19th Ave	0	1440	3125	3440	0	2160	2000	1410	0	340	2065	790	16770
24	Delaware St	19th Ave	0	4610	3810	0	0	0	3155	4655	0	1510	3480	2355	23575
25	Delaware St	Saratoga Dr	10	4155	3005	3720	0	1155	1380	5970	5	5	0	5	19410
26	Delaware St	25th Ave	4810	480	0	0	0	0	1075	750	1380	0	6350	0	14845
27	Saratoga Dr	Franklin Pkwy	380	2535	1265	1035	1365	2835	870	3560	1150	1465	1090	595	18145
28	Saratoga Dr	Hillsdale Blvd	2170	1375	2835	3625	6520	1580	2945	890	350	0	9370	820	32480
29	B St	1st Ave	150	1405	545	515	640	200	405	1610	320	210	510	60	6570
30	B St	2nd Ave	190	1360	195	345	1395	180	370	1690	375	325	1040	315	7780
31	B St	3rd Ave	270	1305	195	805	2715	915	210	985	170	290	905	280	9045
32	B St	4th Ave	780	1075	610	145	990	85	495	1120	155	335	4355	290	10435
33	B St	5th Ave	285	1055	155	205	2310	230	640	1315	350	545	2860	270	10220
34	Ellsworth Ave	2nd Ave	740	2060	200	425	1280	165	205	875	110	415	1335	755	8565
35	Ellsworth Ave	3rd Ave	355	1840	140	540	2395	150	100	585	65	285	1345	275	8075
36	San Mateo Dr	Peninsula Ave	370	4505	1790	2630	2815	900	2125	4155	100	250	2720	240	22600
37	San Mateo Dr	Poplar Ave	350	4465	970	585	2420	915	665	5610	280	440	3040	485	20225
38	San Mateo Dr	2nd Ave	1265	2500	460	620	1530	170	365	1735	130	485	2065	2210	13535
39	San Mateo Dr	3rd Ave	500	2315	290	435	2140	285	225	1205	140	550	1695	415	10195
40	San Mateo Dr	4th Ave	580	1480	920	240	1490	220	250	1045	70	430	2890	415	10030
41	San Mateo Dr	5th Ave	900	0	1180	915	2265	0	0	0	0	0	3055	895	9210
42	El Camino Real	Peninsula Ave	5	9265	735	565	625	1375	1575	8460	1610	790	70	30	25105
43	El Camino Real	Poplar Ave	80	11120	1130	715	540	1855	1615	11645	565	505	860	205	30835
44	El Camino Real	Tilton Ave	450	12140	260	395	790	1080	1170	13605	200	455	955	740	32240
45	El Camino Real	Crystal Springs Rd	1965	13015	0	0	0	0	0	11220	750	555	0	2650	30155
46	El Camino Real	2nd Ave	0	12165	775	1045	0	2300	3590	13555	0	0	0	0	33430
47	El Camino Real	3rd Ave	1060	14265	370	605	1045	1105	910	14430	895	1630	1230	1525	39070
48	El Camino Real	4th Ave	320	13660	1510	690	490	1070	1330	15390	310	350	930	585	36635
49	El Camino Real	Barneson Ave	1105	15055	0	0	0	0	0	17790	515	610	0	1705	36780
50	El Camino Real	17th Ave	480	14705	675	365	760	2155	2340	17225	2630	3045	905	745	46030
51	El Camino Real	20th Ave	2070	12900	1480	1305	645	675	230	14035	1100	1150	570	4405	40565
52	El Camino Real	25th Ave	530	12325	1685	1330	1295	3240	3635	12915	605	390	1670	1615	41235
53	El Camino Real	28th Ave	925	13220	255	45	0	15	10	13765	1280	1330	0	1525	32370
54	El Camino Real	31st Ave	1965	13755	940	4865	725	575	0	9145	815	1925	1400	1770	37880
55	El Camino Real NB	Hillsdale Blvd	0	0	0	3190	6560	0	3830	240	810	0	6450	1495	22575
56	El Camino Real SB	Hillsdale Blvd	1245	795	2320	0	4430	3045	0	0	0	1240	5675	0	18750
57	El Camino Real	41st Ave	815	13020	0	0	0	0	0	12170	180	545	0	1275	28005
58	El Camino Real	42nd Ave	620	10550	2460	2145	1320	1115	1525	9965	275	310	1525	700	32510
59	Pacific Blvd	42nd Ave	1455	2300	40	35	50	40	60	3820	3110	3560	45	1845	16360
60	Alameda De Las Pulga	20th Ave	480	6390	3925	1715	105	525	1050	6160	235	70	195	510	21360
61	Campus Dr	Hillsdale Blvd	2910	0	625	500	6785	0	0	0	0	0	7510	2635	20965
62	Bayshore Blvd	Peninsula Ave	0	0	0	0	7795	1300	1225	0	2390	2650	8060	0	23420
63	Airport Blvd	Peninsula Ave	9485	0	400	255	535	0	0	0	0	0	575	8775	20025
64	Airport Blvd	US Highway 101 NB Rar	340	3095	0	0	0	0	0	1350	7570	5730	0	1240	19325
65	Kehoe Avenue	S. Norfolk Street	445	2275	715	420	1275	440	150	1295	1045	675	1035	1495	11265
66	Hillsdale Boulevard	Alameda de las Pulga	285	3075	1050	580	1710	785	1060	3535	905	920	2200	515	16620
67	Delaware Street	28th Avenue	705	1705	545	1230	0	65	120	1620	750	795	0	2410	9945
68	Delaware Street	31st Avenue	720	1025	955	855	0	2830	330	1285	225	1465	0	480	10170
69	El Camino Real	Baldwin Avenue	325	13315	250	365	715	1130	1830	14340	215	285	780	410	33960
70	Polhemus Road	De Anza Boulevard	25	1590	1760	2080	190	1655	1690	2410	225	110	115	40	11890
71	Chess Dr	Bridgepointe Parkway	210	580	245	20	465	90	105	625	1660	1515	685	185	6385
72	S. B Street	9th Street	330	785	775	870	2300	995	1935	1200	90	95	2685	360	12420
73	W. Hillsdale Boulevard	Clearview Way	305	90	1285	1240	7785	765	795	100	40	50	4075	330	16860
	Sum		63985	313295	72295	64505	199170	74875	88015	307140	67630	80110	216250	73580	1620850

ADT - 2040 - Model Preferred

ADT - 2040 - Model Preferred

Intersection		Southbound												Sum	
N/S Street	E/W Street	SBR	SBT	SBL	WBR	WBT	WBL	NBR	NBT	NBL	EBR	EBT	EBL		
1	Mariners Island Blvd	3rd Ave	95	310	55	95	9760	980	550	255	6105	6665	8390	125	33385
2	Baker Way	Fashion Island Blvd	1540	2585	175	95	4170	2465	465	495	3490	4795	6795	1160	28230
3	Mariners Island Blvd	Fashion Island Blvd	1940	3265	1160	685	6705	1975	4875	4050	1575	3915	6695	2795	39635
4	Norfolk St	3rd Ave	490	1930	2155	1675	12425	2250	2235	2720	5380	5900	10780	1755	49695
5	Norfolk St	Fashion Island Blvd	5190	2930	4515	4180	4850	1375	2390	2755	2020	1420	5720	1920	39265
6	Norfolk St	Hillsdale Blvd	2780	1390	935	1400	18710	1105	1055	1590	2805	2315	19710	2915	56710
7	Humboldt St	Peninsula Ave	290	2740	1310	2520	6735	1425	2460	1430	1165	2095	7980	185	30335
8	Humboldt St	Poplar Ave	860	3300	2010	665	3235	1230	215	3640	955	935	2780	540	20365
9	Humboldt St	3rd Ave	760	3935	0	6795	10720	3135	0	660	40	0	0	0	26045
10	Humboldt St	4th Ave	0	3315	3475	0	0	0	3745	545	0	180	14740	175	26175
11	Grant St	Concar Dr	610	2690	755	390	2275	2220	1265	2340	2340	1700	3275	1280	21140
12	US Highway 101 SB Rar	Fashion Island Blvd	1765	285	3940	0	6045	3425	0	0	0	1845	6510	0	23815
13	US Highway 101 NB Rar	Hillsdale Blvd	0	0	0	0	19590	0	11310	0	4005	0	13840	0	48745
14	US Highway 101 SB Rar	Hillsdale Blvd	0	4315	4425	0	14200	0	0	0	0	2240	13970	0	39150
15	Delaware St	Peninsula Ave	315	2935	1175	700	5745	1020	2180	2505	1625	1620	6550	320	26690
16	Delaware St	Poplar Ave	495	3210	1065	1470	1895	1195	625	3855	580	300	450	435	15575
17	Delaware St	3rd Ave	535	5065	0	750	6500	2365	0	2980	595	2080	0	1165	22035
18	Delaware St	4th Ave	1925	5195	2115	0	0	0	740	2760	1205	730	8330	625	23625
19	Delaware St	5th Ave	1610	3210	965	840	3220	255	790	3660	405	155	4140	180	19430
20	Delaware St	9th Ave	745	2825	350	515	3135	860	810	3345	420	265	3590	355	17215
21	Delaware St	Concar Dr	1555	5140	2075	1515	3370	2090	1940	5290	1885	2865	3250	2100	33075
22	SR 92 WB Ramps	Concar Dr	545	1680	60	760	870	6935	7735	2320	1510	1005	235	885	24540
23	Grant St	19th Ave	0	2085	3620	4085	0	2765	2150	1505	0	330	2005	750	19295
24	Delaware St	19th Ave	0	5465	4540	0	0	0	3145	5290	0	1490	3285	2990	26205
25	Delaware St	Saratoga Dr	10	6400	3815	3745	0	1755	2055	6435	0	5	0	5	24225
26	Delaware St	25th Ave	6825	1475	0	0	0	0	2005	825	1605	0	6710	0	19445
27	Saratoga Dr	Franklin Pkwy	1140	3730	2325	745	2520	2460	1465	4270	3135	3370	3575	1230	29965
28	Saratoga Dr	Hillsdale Blvd	2805	1565	4605	6240	6290	1365	3035	1260	270	185	10160	1200	38980
29	B St	1st Ave	460	2570	765	955	2165	355	765	3040	1220	955	2095	215	15560
30	B St	2nd Ave	455	2515	800	1140	2275	470	800	3505	360	295	1665	355	14635
31	B St	3rd Ave	630	1810	645	1625	3510	910	740	2100	465	340	2510	495	15780
32	B St	4th Ave	970	1750	320	400	2810	330	660	2360	420	855	5775	860	17510
33	B St	5th Ave	975	2255	150	190	4255	270	675	2765	1245	1655	4055	675	19165
34	Ellsworth Ave	2nd Ave	1120	4040	445	830	1625	500	575	2760	235	410	1400	1085	15025
35	Ellsworth Ave	3rd Ave	705	3500	350	810	3535	225	400	2160	235	465	2800	640	15825
36	San Mateo Dr	Peninsula Ave	530	4780	1855	2510	3140	730	1875	4360	115	300	3130	320	23645
37	San Mateo Dr	Poplar Ave	700	4670	555	275	4240	800	690	5555	995	1150	4575	700	24905
38	San Mateo Dr	2nd Ave	1110	3670	310	600	2150	490	740	3220	350	1165	2135	1890	17830
39	San Mateo Dr	3rd Ave	895	3515	600	585	3435	415	745	2940	395	690	2870	525	17610
40	San Mateo Dr	4th Ave	1410	1655	1435	720	4305	300	290	1960	115	630	5900	1480	20200
41	San Mateo Dr	5th Ave	1120	0	1425	1500	2835	0	0	0	0	0	3475	1345	11700
42	El Camino Real	Peninsula Ave	60	12125	680	840	575	1815	2170	11930	3020	1455	90	40	34800
43	El Camino Real	Poplar Ave	205	12490	3235	2395	1455	1875	1250	14535	535	350	1550	640	40515
44	El Camino Real	Tilton Ave	575	13935	525	1110	1075	1340	1565	16320	130	290	1310	965	39140
45	El Camino Real	Crystal Springs Rd	4080	13630	0	0	0	0	0	11815	1335	1135	0	4440	36435
46	El Camino Real	2nd Ave	0	13145	1000	1320	0	2565	3880	14695	0	0	0	0	36605
47	El Camino Real	3rd Ave	1690	14480	435	870	2150	1600	1155	15165	1570	2465	2240	2180	46000
48	El Camino Real	4th Ave	680	13080	2785	1885	2110	1825	2145	16335	435	405	2360	945	44990
49	El Camino Real	Barneson Ave	1520	16750	0	0	0	0	18840	1305	1695	0	2500	0	42610
50	El Camino Real	17th Ave	835	17615	1050	610	1650	3260	3210	20360	3940	4290	1660	1155	59635
51	El Camino Real	20th Ave	2150	18245	2165	1570	935	1400	650	19740	2050	2325	1220	5100	57550
52	El Camino Real	25th Ave	865	18860	1915	1820	1705	4200	3435	18580	745	575	1650	2400	56750
53	El Camino Real	28th Ave	925	19535	2580	2165	3310	830	1360	18260	1280	1330	2955	1655	56185
54	El Camino Real	31st Ave	3095	18425	2530	5645	400	310	0	12145	585	1375	2135	2650	49295
55	El Camino Real NB	Hillsdale Blvd	0	0	0	2890	7145	0	3660	280	1220	0	7155	2080	24430
56	El Camino Real SB	Hillsdale Blvd	1460	795	2025	0	5435	3135	0	0	0	1765	7295	0	21910
57	El Camino Real	41st Ave	2130	15995	0	0	0	0	0	12465	520	1155	0	1460	33725
58	El Camino Real	42nd Ave	1560	12985	2620	1740	2450	1015	1570	10955	625	440	1805	860	38625
59	Pacific Blvd	42nd Ave	1580	2970	65	55	80	85	120	4195	3565	4200	55	1720	18690
60	Alameda De Las Pulga	20th Ave	410	8650	4410	1920	130	1000	1800	7330	325	110	255	455	26795
61	Campus Dr	Hillsdale Blvd	5345	0	2555	2495	7115	0	0	0	0	0	7260	4800	29570
62	Bayshore Blvd	Peninsula Ave	0	0	0	0	11435	865	1195	0	3505	3710	8560	0	29270
63	Airport Blvd	Peninsula Ave	11870	0	410	230	555	0	0	0	0	0	555	9245	22865
64	Airport Blvd	US Highway 101 NB Rar	1360	5870	0	0	0	0	0	1805	7605	6055	0	3355	26050
65	Kehoe Avenue	S. Norfolk Street	420	2375	1540	580	1560	545	450	1765	1205	655	2190	1510	14795
66	Hillsdale Boulevard	Alameda de las Pulga	590	4005	1635	830	1640	580	875	4935	855	850	2190	1050	20035
67	Delaware Street	28th Avenue	1015	3195	440	815	2975	95	180	2225	1805	1880	2900	2405	19930
68	Delaware Street	31st Avenue	1090	1875	2295	1545	3205	2760	485	2310	220	925	3570	485	20765
69	El Camino Real	Baldwin Avenue	315	14475	745	1385	1480	2105	3050	16200	125	195	1305	475	41855
70	Polhemus Road	De Anza Boulevard	15	2670	2390	3450	180	2800	2420	4200	225	115	100	40	18605
71	Chess Dr	Bridgepointe Parkway	395	2205	610	360	1085	670	540	3125	1145	1430	810	475	12850
72	S. B Street	9th Street	870	2550	810	875	2920	1630	2510	3160	285	330	3030	765	19735
73	W. Hillsdale Boulevard	Clearview Way	480	65	1535	1145	16930	900	1055	80	75	170	12365	850	35650
			93490	402695	104260	92550	274930	89650	106920	388435	88720	100595	287710	99085	2129040