2038 NO-BUILD

AM Peak

CENTENNIAL_2038_NO-BUILD_AM PEAK

CUMULATIVE FRESIM STATISTICS AT TIME 17 0 0

LINK STATISTICS

LINK	VEHICLES IN	LANE OUT	CURR CHNG	AVG CONT	VEH-CONT	VEH-MILES	TOTAL MIN	MOVE TIME	DELAY TIME	SECONDS/VEHICLE TIME	SECONDS/VEHICLE M/T	SECONDS/VEHICLE TOTAL	VEH-MIN/VEH-MILE DELAY	VOLUME VPHPL	DENSITY VPMPL	SPEED MILE/HR	LINK TYPE
(153, 96)	7141	7133	1170	30	29.0	1756.9	1742.6	14.7	13.8	0.8	0.94	0.99	0.06	1189.3	19.7	60.49	FRWY
(563, 98)	4852	4846	2718	24	23.0	1377.8	1378.0	17.0	15.9	1.2	0.93	1.00	0.07	969.9	16.2	59.99	FRWY
(154, 101)	3899	3893	650	39	33.0	2095.4	1977.6	30.4	29.8	0.7	0.98	0.94	0.02	779.4	12.3	63.57	FRWY
(103, 104)	5129	5134	1469	7	13.2	777.5	794.0	9.3	8.4	0.9	0.91	1.02	0.10	912.2	15.5	58.75	FRWY
(158, 105)	6867	6858	1020	33	33.6	1950.3	2014.4	17.6	15.8	1.8	0.90	1.03	0.11	1373.0	23.6	58.09	FRWY
(128, 97)	4320	4310	615	35	28.6	1793.2	1717.2	23.9	23.1	0.8	0.97	0.96	0.03	863.1	13.8	62.66	FRWY
(156, 102)	5346	5331	909	29	22.1	1313.7	1326.7	14.9	13.7	1.2	0.92	1.01	0.08	1067.1	18.0	59.41	FRWY
(109,7001)	2144	2144	0	1	1.3	69.4	79.3	2.2	2.1	0.1	0.96	1.14	0.05	1072.1	20.4	52.56	RAMP
(102, 103)	4318	4324	700	33	29.8	1859.4	1788.0	24.8	23.8	1.0	0.96	0.96	0.04	864.6	13.9	62.40	FRWY
(160,7002)	1014	1014	0	1	0.8	41.1	47.9	2.8	2.7	0.2	0.94	1.17	0.07	507.1	9.8	51.49	RAMP
(7003, 106)	811	806	383	5	2.0	70.3	117.6	8.4	6.7	1.7	0.80	1.67	0.33	421.6	11.8	35.86	RAMP
(106, 103)	806	805	96	3	2.3	93.6	136.6	10.2	7.6	2.5	0.75	1.46	0.36	647.2	15.7	41.13	RAMP
(7004, 107)	1715	1717	91	0	2.1	88.3	127.0	4.1	3.1	1.0	0.76	1.44	0.34	921.3	22.1	41.71	RAMP
(107, 104)	1717	1720	955	1	5.2	161.1	309.4	10.8	6.2	4.6	0.57	1.92	0.83	1069.9	34.2	31.24	RAMP
(110, 109)	2142	2144	67	0	1.4	75.5	85.6	2.4	2.3	0.1	0.96	1.13	0.04	1071.5	20.2	52.92	RAMP
(96, 110)	2142	2142	65	1	1.0	54.4	61.6	1.7	1.7	0.1	0.96	1.13	0.04	1070.8	20.2	52.98	RAMP

(127, 97)	553	548	357	7	1.9	61.7	113.5	12.4	7.4	5.0	0.60	1.84	0.74	469.9	14.4	32.61	RAMP
(96, 128)	4991	5000	1607	23	23.0	1419.4	1378.5	16.6	15.9	0.7	0.96	0.97	0.04	999.3	16.2	61.78	FRWY
(128, 129)	680	679	100	3	2.2	116.5	132.5	11.7	11.2	0.5	0.96	1.14	0.05	407.5	7.7	52.78	RAMP
(132, 130)	6976	6966	871	31	17.3	1036.3	1036.2	8.9	8.3	0.7	0.93	1.00	0.07	1250.7	20.8	60.01	FRWY
(131, 130)	152	151	0	1	0.1	6.6	7.8	3.1	2.9	0.2	0.94	1.19	0.08	151.9	3.0	50.62	RAMP
(151, 132)	6522	6517	621	36	30.0	1841.2	1798.2	16.5	15.7	0.9	0.95	0.98	0.05	1304.0	21.2	61.43	FRWY
(105, 137)	5669	5662	1275	21	21.3	1319.1	1278.4	13.5	12.9	0.6	0.95	0.97	0.04	1133.4	18.3	61.91	FRWY
(98, 138)	1428	1428	9	0	2.7	139.0	161.4	6.8	6.4	0.4	0.94	1.16	0.07	1390.1	26.9	51.68	RAMP
(138, 139)	1428	1429	138	0	1.0	54.1	61.7	2.6	2.5	0.1	0.96	1.14	0.05	714.1	13.6	52.57	RAMP
(141, 140)	1443	1443	470	0	3.1	115.6	188.1	7.8	5.2	2.6	0.67	1.63	0.54	721.5	19.6	36.87	RAMP
(140, 101)	1443	1443	0	0	4.4	204.2	263.2	10.9	9.3	1.7	0.85	1.29	0.20	1443.0	31.0	46.53	RAMP
(105, 143)	1189	1191	0	1	1.3	69.9	80.6	4.1	3.8	0.2	0.94	1.15	0.06	1191.1	22.9	52.07	RAMP
(7005, 127)	555	553	23	2	0.5	12.8	28.5	2.6	1.6	1.0	0.60	2.23	0.89	327.2	12.2	26.88	RAMP
(129,7006)	679	680	0	0	0.7	30.4	43.6	3.8	3.3	0.5	0.87	1.44	0.19	340.0	8.1	41.80	RAMP
(147, 148)	711	710	0	1	1.2	55.9	71.3	6.0	5.7	0.4	0.94	1.28	0.08	710.8	15.1	47.03	RAMP
(148, 137)	710	709	0	1	0.8	41.1	49.1	4.1	3.8	0.4	0.92	1.19	0.10	709.6	14.1	50.29	RAMP
(163, 149)	7023	7001	2611	92	67.9	4212.2	4074.8	34.6	33.0	1.6	0.95	0.97	0.04	1413.0	22.8	62.02	FRWY
(311, 150)	7532	7532	399	21	18.9	1115.5	1133.1	9.0	8.2	0.8	0.91	1.02	0.09	1506.3	25.5	59.06	FRWY
(152, 153)	7138	7141	600	4	4.7	270.4	279.4	2.3	2.1	0.2	0.90	1.03	0.11	1298.0	22.3	58.08	FRWY
(130, 152)	7117	7138	5215	28	29.2	1755.1	1753.4	14.8	13.7	1.1	0.93	1.00	0.07	1333.4	22.2	60.06	FRWY
(100, 154)	3899	3899	269	22	19.3	1238.5	1155.9	17.6	17.4	0.2	0.99	0.93	0.01	788.3	12.3	64.28	FRWY
(101, 155)	5336	5347	2231	14	22.2	1314.7	1329.3	14.9	13.7	1.3	0.91	1.01	0.09	998.8	16.8	59.34	FRWY
(155, 156)	5347	5346	1339	6	3.3	202.5	196.9	2.2	2.1	0.1	0.95	0.97	0.05	1069.2	17.3	61.71	FRWY
(104, 157)	6854	6864	5122	23	37.7	1948.4	2263.3	19.8	16.0	3.8	0.81	1.16	0.23	1286.0	24.9	51.65	FRWY

(157, 158)	6864	6867	276	1	4.5	260.0	268.0	2.3	2.1	0.2	0.90	1.03	0.11	1373.0	23.6	58.23	FRWY
(137, 159)	6371	6364	3018	27	21.7	1125.2	1300.0	12.2	9.9	2.4	0.80	1.16	0.23	1150.3	22.1	51.93	FRWY
(150, 151)	7532	7519	326	24	17.1	1023.3	1024.9	8.2	7.6	0.6	0.93	1.00	0.07	1505.0	25.1	59.91	FRWY
(325, 95)	5013	4997	1051	59	49.9	3106.3	2993.7	35.9	34.5	1.4	0.96	0.96	0.04	1001.0	16.1	62.26	FRWY
(102, 160)	1013	1014	26	2	1.5	80.6	92.3	5.5	5.2	0.3	0.95	1.15	0.05	868.6	16.6	52.38	RAMP
(98, 99)	3418	3435	457	15	23.2	1455.5	1390.1	24.4	23.7	0.7	0.97	0.96	0.03	684.9	10.9	62.82	FRWY
(99, 164)	3435	3433	327	17	15.3	964.2	919.9	16.1	15.6	0.4	0.97	0.95	0.03	687.0	10.9	62.89	FRWY
(295, 200)	1569	1570	494	3	3.6	173.8	218.5	8.4	8.3	0.1	0.99	1.26	0.01	624.2	13.1	47.71	FRWY
(203, 201)	1569	1570	44	0	0.9	54.4	51.6	1.8	1.7	0.0	0.97	0.95	0.02	870.9	13.8	63.33	FRWY
(200, 199)	1275	1276	59	3	2.4	105.2	141.7	6.7	6.6	0.1	0.99	1.35	0.01	636.7	14.3	44.51	FRWY
(179, 178)	2824	2828	124	2	5.1	267.5	307.5	6.5	6.2	0.3	0.95	1.15	0.06	1412.4	27.1	52.19	FRWY
(180, 179)	2838	2824	290	17	10.3	536.5	617.5	13.1	12.4	0.7	0.95	1.15	0.06	1156.3	22.2	52.13	FRWY
(181, 180)	2734	2739	112	1	4.9	257.7	295.1	6.5	6.2	0.3	0.95	1.14	0.05	1369.0	26.1	52.41	FRWY
(199, 198)	1276	1271	86	6	3.0	132.1	178.6	8.4	8.3	0.1	0.99	1.35	0.02	636.5	14.3	44.38	FRWY
(198, 197)	1622	1625	557	5	7.2	372.9	431.4	15.9	15.0	0.9	0.94	1.16	0.06	685.0	13.2	51.86	FRWY
(197, 196)	2162	2164	804	9	11.7	614.8	704.5	19.5	18.6	0.9	0.95	1.15	0.05	941.0	18.0	52.36	FRWY
(196, 195)	2164	2173	409	15	20.1	1060.9	1204.0	33.3	32.1	1.2	0.96	1.13	0.04	1085.1	20.5	52.87	FRWY
(182, 181)	2733	2734	310	16	16.8	884.4	1007.9	22.1	21.2	0.9	0.96	1.14	0.05	1366.1	25.9	52.65	FRWY
(183, 182)	3697	3695	438	22	20.3	1050.0	1217.4	19.8	18.6	1.1	0.94	1.16	0.07	1848.0	35.7	51.75	FRWY
(184, 183)	3701	3697	591	29	25.5	1356.9	1529.8	24.6	23.8	0.8	0.97	1.13	0.03	1866.7	35.1	53.22	FRWY
(205, 204)	541	541	0	1	0.4	18.9	26.1	2.9	2.8	0.1	0.97	1.38	0.05	541.1	12.5	43.33	RAMP
(204, 197)	541	537	0	4	0.7	31.5	43.4	4.8	4.7	0.1	0.97	1.38	0.04	539.2	12.4	43.51	RAMP
(182, 193)	962	963	156	1	1.9	107.2	115.1	7.2	6.2	1.0	0.86	1.07	0.15	646.2	11.6	55.90	RAMP

(193, 194)	963	962	65	4	1.2	69.4	69.3	4.3	4.0	0.3	0.93	1.00	0.07	462.1	7.7	60.05	RAMP
(208, 209)	99	99	0	0	0.2	8.5	10.7	6.5	6.2	0.3	0.95	1.26	0.06	99.0	2.1	47.76	RAMP
(207, 198)	351	351	0	0	0.5	22.1	31.1	5.3	5.0	0.3	0.95	1.40	0.07	351.0	8.2	42.72	RAMP
(206, 207)	351	351	0	0	0.3	10.0	16.3	2.8	2.6	0.2	0.92	1.64	0.13	351.0	9.6	36.68	RAMP
(200, 210)	295	294	0	1	0.3	15.2	20.6	4.2	4.1	0.1	0.99	1.35	0.02	294.9	6.6	44.51	RAMP
(210, 211)	294	294	0	0	0.3	12.0	17.7	3.6	3.6	0.0	1.00	1.47	0.01	294.0	7.2	40.86	RAMP
(178, 202)	2828	2830	29	1	1.6	82.5	93.4	2.0	1.6	0.4	0.82	1.13	0.21	1414.8	26.7	53.03	FRWY
(139,7009)	1429	1428	0	2	0.9	44.9	51.1	2.1	2.1	0.1	0.96	1.14	0.05	714.6	13.6	52.72	RAMP
(7010, 141)	1443	1443	383	0	2.7	123.8	160.9	6.4	5.4	1.0	0.84	1.30	0.21	753.1	16.3	46.18	RAMP
(211,7011)	294	293	0	1	0.4	13.2	23.5	4.8	4.6	0.2	0.96	1.77	0.08	293.9	8.7	33.84	RAMP
(7012, 206)	352	351	0	1	0.3	8.8	16.0	2.3	2.2	0.1	0.94	1.82	0.11	411.2	12.5	33.02	RAMP
(7014, 205)	541	541	0	0	0.7	27.4	39.8	4.1	3.8	0.3	0.92	1.45	0.12	583.1	14.1	41.30	RAMP
(194,7015)	962	962	0	0	0.6	31.0	33.2	2.1	1.8	0.3	0.86	1.07	0.15	320.7	5.7	55.95	RAMP
(201, 295)	1570	1569	20	5	3.9	221.3	231.5	8.9	8.8	0.0	1.00	1.05	0.00	784.3	13.7	57.36	FRWY
(149, 298)	7001	6932	846	103	39.8	1979.2	2388.0	20.6	15.7	4.8	0.77	1.21	0.28	1393.3	28.0	49.73	FRWY
(533, 299)	6688	6668	1595	47	31.3	701.6	1875.1	16.9	6.0	10.9	0.35	2.67	1.72	1148.7	51.2	22.45	FRWY
(299, 300)	7236	7085	2105	194	98.0	2036.7	5877.3	49.2	15.9	33.3	0.32	2.89	1.95	1352.7	65.1	20.79	FRWY
(300, 301)	7085	6853	1481	292	208.5	3418.5	12508.8	107.9	27.2	80.7	0.25	3.66	2.74	1391.1	84.8	16.40	FRWY
(301, 302)	6853	6790	2516	83	79.0	1419.9	4738.4	41.7	11.6	30.2	0.28	3.34	2.41	1363.1	75.8	17.98	FRWY
(302, 303)	6790	6630	828	198	122.9	1907.5	7373.0	65.9	15.8	50.1	0.24	3.87	2.94	1342.9	86.5	15.52	FRWY
(303, 304)	5958	5890	862	92	78.5	887.6	4708.2	47.7	8.3	39.4	0.17	5.30	4.38	1185.0	104.8	11.31	FRWY
(304, 305)	5890	5854	4466	87	84.9	1666.0	5093.7	52.1	15.8	36.4	0.30	3.06	2.13	1172.8	59.8	19.62	FRWY
(305, 306)	7489	7482	2521	42	40.7	1312.9	2444.2	19.6	10.5	9.1	0.53	1.86	0.87	1351.3	41.9	32.23	FRWY
(306, 307)	5188	5218	1136	30	46.7	2850.7	2801.7	32.3	30.4	1.9	0.94	0.98	0.06	1041.6	17.1	61.05	FRWY

(307, 310)	5756	5768	965	18	15.2	921.2	912.8	9.5	8.9	0.6	0.93	0.99	0.07	1041.5	17.2	60.55	FRWY
(310, 311)	7545	7532	4753	38	39.5	2141.3	2371.0	18.9	15.9	3.0	0.84	1.11	0.18	1413.3	26.1	54.19	FRWY
(159, 312)	6364	6364	390	14	12.2	683.5	729.3	6.9	6.0	0.9	0.87	1.07	0.14	1273.0	22.6	56.23	FRWY
(312, 313)	6364	6359	330	19	19.0	1123.8	1137.2	10.7	9.9	0.8	0.92	1.01	0.08	1272.0	21.5	59.29	FRWY
(313, 314)	4553	4544	2327	64	51.2	3197.3	3071.1	40.5	39.0	1.5	0.96	0.96	0.04	909.1	14.6	62.47	FRWY
(314, 315)	6144	6134	2486	17	11.5	442.9	689.9	6.7	4.2	2.6	0.62	1.56	0.59	1060.6	27.5	38.52	FRWY
(555, 316)	6601	6604	350	14	16.1	941.6	963.3	8.8	8.0	0.8	0.91	1.02	0.09	1320.5	22.5	58.65	FRWY
(316, 317)	5371	5379	575	27	28.6	1777.2	1714.4	19.2	18.4	0.8	0.96	0.96	0.04	1074.3	17.3	62.20	FRWY
(317, 318)	5379	5372	508	21	24.5	1526.6	1469.3	16.4	15.8	0.6	0.96	0.96	0.04	1074.7	17.2	62.34	FRWY
(318, 319)	6085	6088	1418	24	28.6	1729.1	1716.2	16.9	15.8	1.2	0.93	0.99	0.07	1148.4	19.0	60.45	FRWY
(319, 320)	6088	6084	291	18	13.7	847.4	821.1	8.1	7.7	0.4	0.95	0.97	0.04	1217.5	19.7	61.92	FRWY
(320, 321)	6084	6074	2938	38	31.7	1920.5	1902.6	18.8	17.5	1.3	0.93	0.99	0.07	1215.9	20.1	60.56	FRWY
(321, 322)	6074	6069	1163	29	28.3	1725.4	1696.5	16.8	15.9	0.9	0.95	0.98	0.05	1053.2	17.3	61.02	FRWY
(322, 323)	4620	4604	499	30	24.7	1545.8	1483.3	19.3	18.6	0.7	0.96	0.96	0.03	922.2	14.7	62.53	FRWY
(323, 324)	4815	4808	539	16	13.1	814.1	785.1	9.8	9.4	0.4	0.96	0.96	0.04	873.7	14.0	62.22	FRWY
(324, 325)	5019	5013	751	24	22.9	1425.1	1376.7	16.5	15.8	0.7	0.96	0.97	0.04	946.5	15.2	62.11	FRWY
(7023, 147)	711	711	0	0	0.7	27.4	43.7	3.4	2.8	0.5	0.84	1.60	0.26	782.3	20.8	37.61	RAMP
(143,7025)	1191	1191	0	1	0.7	34.3	43.7	2.2	2.0	0.2	0.91	1.27	0.12	1191.0	25.3	47.11	RAMP
(144, 131)	152	152	0	0	0.1	4.2	5.2	2.1	2.0	0.0	0.99	1.23	0.02	152.0	3.1	48.87	RAMP
(7022, 144)	152	152	0	0	0.1	5.4	7.2	2.6	2.3	0.2	0.91	1.34	0.12	168.3	3.8	44.74	RAMP
(347, 348)	1808	1807	483	1	1.5	74.6	88.4	2.9	2.9	0.1	0.98	1.19	0.02	903.6	17.9	50.62	FRWY
(348, 349)	1807	1807	109	2	2.4	116.0	142.8	4.7	4.6	0.1	0.97	1.23	0.03	903.1	18.5	48.72	FRWY
(560, 370)	4383	4383	130	7	5.6	338.8	337.7	4.6	4.3	0.3	0.93	1.00	0.07	1096.0	18.2	60.19	FRWY

(370, 371)	3922	3920	389	20	21.4	1329.2	1281.0	19.6	18.8	0.8	0.96	0.96	0.04	979.1	15.7	62.26	FRWY
(371, 372)	3920	3919	880	16	17.6	1093.2	1057.8	16.2	15.5	0.7	0.96	0.97	0.04	979.6	15.8	62.01	FRWY
(372, 373)	4621	4632	1651	12	14.6	805.8	878.3	11.4	9.7	1.7	0.85	1.09	0.16	1031.2	18.7	55.04	FRWY
(373, 374)	4632	4629	208	5	8.5	509.6	512.0	6.6	6.1	0.5	0.92	1.00	0.08	1157.7	19.4	59.71	FRWY
(374, 375)	4629	4626	232	10	13.2	805.0	792.2	10.3	9.7	0.6	0.95	0.98	0.05	1156.3	19.0	60.97	FRWY
(375, 376)	3775	3778	375	9	17.6	1096.7	1053.3	16.7	16.1	0.6	0.96	0.96	0.04	944.3	15.1	62.47	FRWY
(376, 377)	4055	4059	499	4	9.2	567.8	554.4	8.2	7.8	0.4	0.95	0.98	0.05	880.2	14.3	61.45	FRWY
(377, 378)	4325	4311	1225	21	17.4	1063.8	1042.7	14.5	13.7	0.8	0.94	0.98	0.06	994.1	16.2	61.21	FRWY
(7028, 368)	1339	1340	91	5	6.1	320.6	363.0	16.0	15.5	0.5	0.97	1.13	0.04	453.3	8.6	52.99	FRWY
(378, 384)	4311	4307	45	6	2.6	163.2	158.1	2.2	2.1	0.1	0.95	0.97	0.05	1077.0	17.4	61.92	FRWY
(384, 385)	4307	4308	333	20	17.2	1060.2	1031.1	14.4	13.7	0.7	0.95	0.97	0.04	1076.6	17.5	61.69	FRWY
(385, 386)	3783	3785	595	34	29.4	1829.8	1766.0	28.0	26.8	1.2	0.96	0.97	0.04	946.1	15.2	62.17	FRWY
(402, 403)	1783	1781	287	6	5.3	245.5	318.6	10.7	9.8	0.9	0.92	1.30	0.11	890.4	19.3	46.25	RAMP
(562,7030)	938	937	0	1	0.7	33.7	40.3	2.6	2.4	0.2	0.94	1.20	0.07	312.4	6.2	50.17	FRWY
(400, 401)	2557	2547	54	16	12.7	724.9	760.7	17.9	16.8	1.1	0.94	1.05	0.06	637.9	11.2	57.17	FRWY
(401, 382)	1609	1608	0	1	1.6	62.8	93.3	3.5	3.1	0.4	0.90	1.49	0.15	1608.8	39.8	40.38	RAMP
(399, 400)	2557	2557	186	2	5.3	321.1	319.4	7.5	7.0	0.5	0.93	0.99	0.07	639.2	10.6	60.30	FRWY
(564, 399)	4343	4342	2000	10	12.0	699.4	718.0	9.9	9.1	0.9	0.91	1.03	0.09	1086.1	18.6	58.45	FRWY
(397, 398)	4337	4344	1394	10	13.1	699.0	786.0	10.9	9.0	1.9	0.82	1.12	0.20	958.6	18.0	53.36	FRWY
(395, 396)	3800	3801	437	27	21.1	1310.1	1264.0	20.0	19.1	0.8	0.96	0.96	0.04	949.7	15.3	62.19	FRWY
(394, 395)	4592	4598	173	4	8.1	487.4	483.4	6.3	5.9	0.4	0.94	0.99	0.06	1148.8	19.0	60.49	FRWY
(393, 394)	4607	4592	289	20	13.4	818.8	806.0	10.5	9.9	0.6	0.94	0.98	0.06	1149.7	18.9	60.95	FRWY
(392, 393)	4599	4607	597	3	8.2	488.1	491.4	6.4	5.9	0.5	0.92	1.01	0.08	958.1	16.1	59.60	FRWY
(391, 392)	4231	4219	1335	23	14.1	865.8	848.0	12.0	11.4	0.7	0.94	0.98	0.05	956.8	15.6	61.26	FRWY

(390, 391)	4020	4028	391	5	19.2	1187.4	1149.4	17.1	16.4	0.8	0.96	0.97	0.04	1006.0	16.2	61.99	FRWY
(389, 390)	4876	4872	445	29	22.6	1384.2	1357.5	16.7	15.8	0.9	0.95	0.98	0.05	1218.1	19.9	61.18	FRWY
(388, 389)	4876	4876	178	6	7.4	453.5	443.0	5.5	5.2	0.3	0.95	0.98	0.05	1219.1	19.8	61.42	FRWY
(387, 388)	4885	4876	1663	24	22.6	1386.7	1355.6	16.7	15.8	0.9	0.95	0.98	0.05	1135.2	18.5	61.38	FRWY
(166, 404)	4863	4861	211	11	11.1	690.8	664.6	8.2	7.9	0.3	0.96	0.96	0.03	1215.8	19.5	62.36	FRWY
(404, 387)	4636	4640	450	20	22.9	1424.3	1373.1	17.8	17.0	0.7	0.96	0.96	0.04	1159.1	18.6	62.24	FRWY
(306, 405)	2294	2292	0	5	3.2	141.6	193.6	5.1	4.0	1.0	0.80	1.37	0.27	2293.4	52.3	43.88	RAMP
(558, 406)	2290	2288	0	5	3.1	134.5	188.8	4.9	4.6	0.3	0.94	1.40	0.09	1731.5	40.5	42.72	FRWY
(351, 408)	1387	1384	333	3	2.0	83.2	119.5	5.2	4.8	0.4	0.93	1.44	0.10	693.1	16.6	41.77	RAMP
(408, 409)	1384	1389	194	1	4.1	163.7	245.5	10.6	9.5	1.2	0.89	1.50	0.16	935.6	23.4	40.01	RAMP
(410, 405)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	FRWY
(413, 409)	1659	1652	0	8	5.9	239.6	351.1	12.7	11.6	1.1	0.91	1.47	0.13	1656.1	40.4	40.95	FRWY
(349, 350)	1384	1388	247	3	6.2	305.0	373.9	16.2	15.9	0.3	0.98	1.23	0.02	692.9	14.2	48.94	RAMP
(350, 351)	1388	1387	107	5	5.2	230.2	309.3	13.4	13.1	0.2	0.98	1.34	0.02	693.7	15.5	44.65	RAMP
(406, 413)	1655	1659	0	1	6.7	283.2	399.5	14.5	13.7	0.8	0.95	1.41	0.08	1655.9	38.9	42.53	FRWY
(416,7031)	461	462	0	0	0.3	16.3	19.2	2.5	2.4	0.1	0.97	1.18	0.03	461.3	9.1	50.67	RAMP
(7032, 435)	701	700	0	1	0.8	33.7	45.5	3.6	3.2	0.4	0.88	1.35	0.16	756.7	17.0	44.40	RAMP
(435, 436)	700	700	0	0	0.6	29.3	36.4	3.1	3.0	0.1	0.96	1.24	0.05	700.0	14.5	48.26	RAMP
(436, 372)	700	702	0	1	0.8	38.5	46.0	3.9	3.6	0.4	0.91	1.20	0.11	701.2	14.0	50.20	RAMP
(395, 437)	798	800	55	2	1.5	81.3	92.2	6.9	6.7	0.2	0.96	1.13	0.04	635.2	12.0	52.95	RAMP
(437,7033)	800	803	0	1	1.2	59.2	73.8	5.5	5.2	0.3	0.94	1.25	0.07	400.6	8.3	48.09	RAMP
(7034, 440)	527	529	0	0	0.5	23.0	32.0	3.3	2.9	0.5	0.86	1.39	0.19	575.0	13.4	43.06	RAMP
(440, 441)	529	529	0	2	0.6	28.8	36.7	4.2	3.9	0.3	0.94	1.28	0.08	529.0	11.3	46.98	RAMP

(7035, 443)	277	277	0	0	0.3	11.1	19.5	3.9	2.9	0.9	0.76	1.76	0.42	303.1	8.9	34.04	RAMP
(443, 444)	277	277	0	0	0.2	10.9	14.5	3.1	2.9	0.3	0.91	1.33	0.12	277.0	6.1	45.07	RAMP
(444, 376)	277	277	0	0	0.7	37.0	42.0	9.1	8.8	0.3	0.97	1.13	0.04	277.0	5.2	52.87	RAMP
(375, 442)	851	851	0	0	1.1	58.5	66.2	4.7	4.5	0.1	0.97	1.13	0.04	851.0	16.0	53.06	RAMP
(442,7036)	851	852	0	1	0.8	40.3	48.2	3.4	3.3	0.1	0.97	1.20	0.03	851.9	17.0	50.17	RAMP
(7037, 454)	263	264	0	0	0.3	12.4	16.3	3.4	3.1	0.3	0.91	1.32	0.12	284.7	6.2	45.56	RAMP
(454, 455)	264	265	0	0	0.3	12.6	15.2	3.5	3.4	0.0	0.99	1.21	0.02	264.6	5.3	49.60	RAMP
(455, 377)	265	266	0	0	0.4	19.2	21.9	5.0	4.7	0.2	0.95	1.14	0.05	265.0	5.0	52.61	RAMP
(390, 458)	852	857	0	2	2.2	111.3	129.4	9.1	8.5	0.5	0.94	1.16	0.07	853.8	16.5	51.60	RAMP
(456, 457)	205	204	0	1	0.1	6.2	8.2	2.4	2.2	0.2	0.91	1.32	0.11	204.9	4.5	45.49	RAMP
(457, 391)	204	203	0	1	0.1	5.6	6.9	2.0	1.8	0.2	0.89	1.23	0.13	203.8	4.2	48.77	RAMP
(7038, 456)	205	205	0	0	0.1	5.3	8.1	2.1	1.6	0.4	0.79	1.52	0.31	237.0	6.0	39.40	RAMP
(458,7039)	857	859	0	0	0.9	34.3	55.5	3.9	2.8	1.1	0.72	1.62	0.45	858.4	23.1	37.09	RAMP
(7040, 466)	379	380	0	0	0.4	17.2	23.3	3.4	3.0	0.4	0.88	1.36	0.16	412.5	9.3	44.23	RAMP
(466, 467)	380	380	0	0	0.3	15.8	19.5	3.1	3.0	0.1	0.97	1.24	0.04	380.0	7.8	48.50	RAMP
(467, 392)	380	380	0	0	0.4	21.4	25.2	4.0	3.7	0.3	0.92	1.18	0.09	380.0	7.5	50.93	RAMP
(309,7043)	1232	1233	0	1	1.2	60.0	73.7	3.6	3.4	0.2	0.95	1.23	0.06	1232.6	25.2	48.84	RAMP
(7044, 483)	713	713	0	0	1.2	55.4	72.9	5.8	5.3	0.5	0.91	1.32	0.12	748.2	16.4	45.59	RAMP
(484, 318)	712	713	0	0	0.9	48.3	57.0	4.8	4.4	0.4	0.92	1.18	0.09	712.5	14.0	50.86	RAMP
(483, 484)	713	712	0	2	0.7	35.0	43.5	3.7	3.5	0.1	0.97	1.24	0.04	712.8	14.8	48.26	RAMP
(303, 487)	672	674	0	0	1.9	56.9	115.7	10.3	5.6	4.7	0.54	2.03	0.93	672.6	22.8	29.54	RAMP
(487, 488)	674	674	0	1	2.1	63.5	129.0	11.5	6.8	4.7	0.59	2.03	0.83	674.4	22.8	29.53	RAMP
(488,7046)	674	675	0	0	1.5	37.3	87.3	7.8	4.0	3.8	0.52	2.34	1.13	674.3	26.3	25.64	RAMP
(490, 305)	1638	1635	0	4	4.6	216.9	278.1	10.2	8.7	1.5	0.85	1.28	0.19	1635.7	35.0	46.78	RAMP

(489, 490)	1642	1638	0	4	3.0	143.5	180.3	6.6	6.3	0.3	0.96	1.26	0.05	1639.6	34.4	47.73	RAMP
(7047, 489)	1643	1642	0	1	2.5	103.7	151.0	5.2	4.3	0.9	0.83	1.46	0.25	1738.9	42.2	41.22	RAMP
(7045, 531)	607	587	169	22	7.8	28.6	465.1	43.4	2.5	40.9	0.06	16.26	15.33	321.3	87.1	3.69	RAMP
(531, 532)	587	578	41	9	4.1	22.9	247.7	25.5	2.2	23.3	0.09	10.80	9.87	393.4	70.8	5.56	RAMP
(532, 299)	578	568	0	10	4.1	22.6	244.8	25.6	2.2	23.4	0.09	10.85	9.92	572.9	103.6	5.53	RAMP
(322, 522)	1449	1449	8	0	1.2	65.0	72.2	3.0	2.9	0.1	0.98	1.11	0.02	724.5	13.4	54.04	RAMP
(7049, 523)	215	215	0	0	0.2	8.1	13.0	3.3	3.1	0.2	0.94	1.60	0.10	237.0	6.3	37.60	RAMP
(523, 524)	215	213	0	2	0.4	16.8	22.4	6.3	5.7	0.6	0.90	1.33	0.13	214.0	4.7	45.06	RAMP
(524, 323)	213	211	0	2	0.3	16.0	18.4	5.2	4.9	0.3	0.95	1.15	0.06	212.2	4.1	52.10	RAMP
(298, 533)	5895	5879	1260	39	50.4	1973.6	3021.3	30.8	18.6	12.2	0.60	1.53	0.61	1178.8	30.1	39.19	FRWY
(7050, 529)	851	837	379	18	7.3	31.2	439.0	28.3	3.0	25.2	0.11	14.05	12.55	465.8	109.1	4.27	RAMP
(529, 530)	837	831	75	10	4.0	25.7	240.5	17.3	2.2	15.1	0.13	9.35	8.15	463.3	72.2	6.42	RAMP
(530, 533)	831	809	0	27	10.7	77.5	642.3	47.0	6.2	40.8	0.13	8.29	7.19	819.8	113.3	7.24	RAMP
(7051, 525)	212	212	0	0	0.2	9.6	12.5	3.3	3.0	0.3	0.91	1.31	0.11	230.3	5.0	45.92	RAMP
(525, 526)	212	212	0	0	0.3	16.0	19.4	5.5	5.4	0.1	0.98	1.21	0.02	212.0	4.3	49.46	RAMP
(526, 324)	212	211	0	1	0.4	20.9	23.6	6.7	6.4	0.3	0.96	1.13	0.04	211.6	4.0	53.13	RAMP
(298, 534)	1037	1019	0	20	7.2	94.8	431.7	25.2	5.1	20.1	0.20	4.55	3.63	1028.0	78.0	13.18	RAMP
(534,7052)	1019	1012	0	9	5.4	51.4	322.8	19.1	2.8	16.3	0.15	6.28	5.36	1015.9	106.4	9.55	RAMP
(313, 347)	1806	1808	0	3	2.7	139.7	161.5	5.4	5.1	0.3	0.95	1.16	0.06	1807.9	34.8	51.92	RAMP
(315, 554)	6622	6610	1920	24	15.3	693.0	916.1	8.3	5.9	2.4	0.71	1.32	0.39	1120.7	24.7	45.39	FRWY
(554, 555)	6610	6601	590	20	14.8	800.4	889.0	8.1	6.7	1.4	0.83	1.11	0.19	1320.7	24.4	54.02	FRWY
(522,7048)	1449	1448	0	2	1.4	68.0	81.8	3.4	3.3	0.1	0.96	1.20	0.05	724.0	14.5	49.86	RAMP
(405, 558)	2292	2290	0	4	2.4	109.4	141.9	3.7	3.4	0.3	0.91	1.30	0.11	1146.0	24.8	46.25	FRWY

(409, 559)	3041	3040	134	6	4.5	189.5	269.4	5.3	5.0	0.3	0.94	1.42	0.09	1520.6	36.0	42.21	FRWY
(369, 560)	4380	4383	914	7	6.7	383.3	404.7	5.5	4.9	0.7	0.88	1.06	0.13	1095.2	19.3	56.83	FRWY
(401, 562)	938	938	2	0	0.6	32.0	33.2	2.1	2.1	0.0	0.99	1.04	0.01	312.7	5.4	57.74	FRWY
(97, 563)	4858	4852	1106	24	22.4	1379.0	1344.9	16.6	15.8	0.8	0.95	0.98	0.05	915.9	14.9	61.52	FRWY
(398, 564)	4344	4343	185	7	9.3	534.7	557.7	7.7	6.8	0.9	0.89	1.04	0.12	1085.8	18.9	57.52	FRWY
(27, 28)	1118	1120	141	0	3.5	212.0	210.4	11.3	10.5	0.8	0.93	0.99	0.07	373.1	6.2	60.44	FRWY
(28, 29)	1976	1977	259	0	4.9	299.4	292.0	8.9	8.4	0.5	0.95	0.98	0.05	494.1	8.0	61.53	FRWY
(29, 30)	1977	1973	43	5	2.9	187.0	176.5	5.4	5.2	0.1	0.98	0.94	0.02	493.7	7.8	63.59	FRWY
(30, 31)	3002	2992	2353	18	13.6	851.1	816.5	16.4	15.7	0.6	0.96	0.96	0.04	599.2	9.6	62.54	FRWY
(31, 32)	2992	2991	1090	8	7.8	486.6	467.5	9.4	9.0	0.4	0.96	0.96	0.04	598.9	9.6	62.46	FRWY
(32, 33)	2991	2990	340	14	6.7	424.7	403.2	8.1	7.9	0.2	0.97	0.95	0.03	509.7	8.1	63.21	FRWY
(33, 34)	2990	2985	180	10	6.9	424.4	411.4	8.3	8.1	0.2	0.98	0.97	0.02	498.0	8.0	61.90	FRWY
(34, 35)	1822	1821	79	7	3.5	223.5	209.0	6.9	6.8	0.1	0.99	0.93	0.01	364.3	5.7	64.18	FRWY
(35, 36)	1821	1818	91	5	4.2	271.9	253.9	8.4	8.3	0.1	0.99	0.93	0.01	363.9	5.7	64.26	FRWY
(36, 37)	1818	1819	81	4	4.7	301.3	281.0	9.3	9.2	0.1	0.99	0.93	0.01	363.6	5.7	64.33	FRWY
(37, 54)	1819	1826	104	4	5.3	343.4	320.5	10.6	10.4	0.1	0.99	0.93	0.01	364.1	5.7	64.30	FRWY
(54, 55)	2311	2306	610	5	4.5	284.2	271.4	7.1	6.8	0.2	0.97	0.95	0.03	405.6	6.5	62.83	FRWY
(55, 56)	2306	2305	79	7	3.4	218.5	205.5	5.3	5.2	0.1	0.98	0.94	0.02	461.4	7.2	63.79	FRWY
(56, 57)	2905	2908	875	5	8.9	550.4	533.9	11.0	10.5	0.5	0.95	0.97	0.05	533.3	8.6	61.86	FRWY
(57, 58)	2908	2907	100	4	4.3	275.4	260.3	5.4	5.2	0.1	0.98	0.95	0.02	581.6	9.2	63.47	FRWY
(58, 59)	2907	2908	400	1	5.0	319.3	300.4	6.2	6.1	0.1	0.98	0.94	0.02	581.4	9.1	63.78	FRWY
(59, 60)	2908	2909	646	2	7.4	464.5	441.0	9.1	8.8	0.3	0.97	0.95	0.03	686.6	10.9	63.20	FRWY
(60, 61)	2909	2908	1031	10	13.3	825.8	797.9	16.5	15.8	0.7	0.96	0.97	0.04	726.7	11.7	62.09	FRWY
(61, 62)	2603	2605	143	5	7.9	493.4	475.9	11.0	10.6	0.4	0.97	0.96	0.03	651.2	10.5	62.20	FRWY

(62, 63)	1993	1989	105	6	6.6	418.3	393.6	11.9	11.6	0.2	0.98	0.94	0.02	497.9	7.8	63.77	FRWY
(63, 64)	1989	1990	127	9	6.8	432.7	406.9	12.3	12.1	0.2	0.98	0.94	0.02	497.1	7.8	63.80	FRWY
(64, 65)	2450	2458	691	6	7.5	465.4	451.0	11.0	10.5	0.5	0.95	0.97	0.05	552.2	8.9	61.92	FRWY
(65, 66)	2458	2457	80	5	3.7	232.8	220.9	5.4	5.2	0.1	0.97	0.95	0.03	614.5	9.7	63.22	FRWY
(66, 67)	2457	2458	940	8	6.9	436.7	412.9	10.1	9.8	0.2	0.98	0.95	0.02	614.6	9.7	63.45	FRWY
(67, 68)	2458	2460	221	10	9.7	605.2	580.0	14.2	13.6	0.5	0.96	0.96	0.03	614.5	9.8	62.60	FRWY
(68, 69)	2460	2455	152	9	11.3	698.1	675.2	16.5	15.9	0.6	0.96	0.97	0.04	614.3	9.9	62.03	FRWY
(69, 70)	1629	1626	146	5	8.2	522.1	489.3	18.1	17.8	0.3	0.98	0.94	0.01	406.6	6.4	64.02	FRWY
(70, 71)	1626	1624	56	4	3.7	239.6	224.2	8.3	8.2	0.1	0.99	0.94	0.01	406.5	6.3	64.12	FRWY
(71, 72)	1856	1851	410	8	8.3	526.1	497.9	16.1	15.7	0.4	0.97	0.95	0.02	430.7	6.8	63.40	FRWY
(72, 73)	1851	1850	1010	8	12.2	775.3	732.0	23.8	23.2	0.5	0.98	0.94	0.02	462.0	7.3	63.55	FRWY
(73, 74)	1850	1846	133	9	8.5	525.9	508.9	16.5	16.1	0.4	0.97	0.97	0.03	462.8	7.5	62.01	FRWY
(74, 75)	816	810	90	6	5.0	322.8	301.4	22.3	21.9	0.3	0.99	0.93	0.01	270.7	4.2	64.27	FRWY
(75, 76)	1179	1180	469	2	1.9	117.6	114.8	5.8	5.5	0.3	0.94	0.98	0.06	306.1	5.0	61.43	FRWY
(76, 77)	1466	1466	362	1	1.5	89.1	91.2	3.7	3.4	0.4	0.90	1.02	0.10	372.6	6.4	58.64	FRWY
(568, 569)	2142	2142	96	0	1.9	81.1	111.0	3.1	2.1	1.0	0.68	1.37	0.44	714.0	16.3	43.86	FRWY
(569, 570)	1338	1338	113	1	5.2	314.0	312.9	14.0	13.0	1.1	0.92	1.00	0.08	446.1	7.4	60.21	FRWY
(570, 571)	2515	2511	390	9	6.4	392.2	384.8	9.2	8.6	0.5	0.94	0.98	0.06	628.3	10.3	61.16	FRWY
(571, 572)	3036	3031	908	16	13.8	862.3	829.2	16.4	15.7	0.6	0.96	0.96	0.04	705.9	11.3	62.40	FRWY
(572, 573)	3031	3035	637	26	20.0	1261.7	1201.3	23.7	23.0	0.7	0.97	0.95	0.03	758.8	12.0	63.02	FRWY
(573, 574)	3035	3033	287	9	13.7	862.0	824.5	16.3	15.8	0.5	0.97	0.96	0.03	758.6	12.1	62.73	FRWY
(574, 575)	2811	2810	251	4	10.7	673.9	640.5	13.7	13.3	0.4	0.97	0.95	0.03	702.6	11.1	63.13	FRWY
(575, 576)	2810	2808	426	11	14.7	924.9	880.5	18.8	18.3	0.5	0.97	0.95	0.03	701.6	11.1	63.02	FRWY

(576, 577)	4640	4642	2932	26	23.9	1318.2	1434.6	18.6	15.8	2.7	0.85	1.09	0.16	1079.1	19.6	55.13	FRWY
(577, 578)	4642	4639	315	21	18.0	1120.6	1078.4	14.0	13.4	0.6	0.96	0.96	0.04	1159.2	18.6	62.34	FRWY
(578, 579)	4639	4643	1580	13	15.4	933.4	922.1	11.9	11.1	0.8	0.93	0.99	0.07	1160.1	19.1	60.73	FRWY
(579, 580)	4643	4646	152	9	7.2	439.9	432.0	5.6	5.2	0.3	0.94	0.98	0.06	1161.2	19.0	61.09	FRWY
(580, 581)	4646	4654	241	9	14.4	881.3	864.4	11.1	10.6	0.6	0.95	0.98	0.05	1163.4	19.0	61.17	FRWY
(581, 582)	3606	3611	225	8	11.4	714.0	683.8	11.4	11.0	0.4	0.96	0.96	0.04	901.9	14.4	62.65	FRWY
(582, 583)	3611	3614	309	13	13.5	849.8	811.0	13.5	13.0	0.5	0.97	0.95	0.03	902.4	14.4	62.87	FRWY
(583, 584)	4099	4111	832	4	12.8	777.5	767.5	11.2	10.5	0.7	0.93	0.99	0.06	922.5	15.2	60.78	FRWY
(584, 585)	5031	5031	3898	24	25.1	1428.9	1503.1	17.9	15.8	2.2	0.88	1.05	0.13	1109.5	19.5	57.04	FRWY
(585, 586)	5031	5029	794	15	13.1	683.9	784.3	9.4	7.5	1.8	0.81	1.15	0.22	1257.3	24.0	52.32	FRWY
(586, 587)	5029	5028	171	12	10.5	623.8	630.7	7.5	6.9	0.7	0.91	1.01	0.09	1257.2	21.2	59.35	FRWY
(587, 588)	5028	5023	67	12	7.7	476.0	464.1	5.5	5.2	0.3	0.95	0.98	0.05	1256.5	20.4	61.54	FRWY
(588, 589)	5023	5027	194	14	15.8	952.1	947.6	11.3	10.6	0.7	0.94	1.00	0.06	1256.7	20.8	60.28	FRWY
(589, 590)	2865	2867	145	4	7.0	441.9	418.5	8.8	8.5	0.2	0.98	0.95	0.02	716.5	11.3	63.35	FRWY
(590, 591)	2867	2868	78	3	5.2	333.5	314.5	6.6	6.4	0.1	0.98	0.94	0.02	716.9	11.3	63.61	FRWY
(591, 592)	2868	2867	110	3	5.8	370.9	350.3	7.3	7.2	0.2	0.98	0.94	0.02	716.8	11.3	63.52	FRWY
(592, 593)	3256	3262	217	3	9.8	617.1	587.0	10.8	10.5	0.3	0.97	0.95	0.03	651.7	10.3	63.08	FRWY
(593, 594)	3786	3790	661	5	5.7	358.8	344.4	5.5	5.3	0.2	0.96	0.96	0.04	642.2	10.3	62.52	FRWY
(594, 595)	3790	3789	240	11	11.3	717.8	680.8	10.8	10.5	0.3	0.97	0.95	0.02	758.0	12.0	63.26	FRWY
(595, 596)	3789	3785	118	8	5.1	325.6	308.4	4.9	4.8	0.1	0.98	0.95	0.02	757.4	12.0	63.36	FRWY
(596, 597)	3785	3791	3825	6	8.5	537.9	510.5	8.1	7.9	0.2	0.97	0.95	0.02	757.4	12.0	63.22	FRWY
(597, 598)	3791	3779	725	19	8.7	537.9	520.4	8.2	7.9	0.4	0.96	0.97	0.04	757.3	12.2	62.01	FRWY
(598, 599)	3779	3775	303	17	17.3	1072.1	1040.3	16.5	16.0	0.5	0.97	0.97	0.03	754.8	12.2	61.84	FRWY
(600, 601)	1887	1882	88	7	5.1	324.8	308.7	9.8	9.6	0.3	0.97	0.95	0.02	628.2	10.0	63.13	FRWY

(601, 602)	1882	1882	52	2	2.8	178.3	169.6	5.4	5.3	0.1	0.97	0.95	0.03	482.7	7.7	63.08	FRWY
(602, 603)	1882	1878	99	5	5.6	356.0	338.5	10.8	10.5	0.3	0.97	0.95	0.02	626.6	9.9	63.10	FRWY
(599, 600)	1892	1887	154	11	7.8	492.2	467.3	14.8	14.5	0.4	0.97	0.95	0.02	629.6	10.0	63.19	FRWY
(77,7053)	1466	1469	0	0	0.9	51.7	51.2	2.1	1.9	0.1	0.93	0.99	0.07	489.1	8.1	60.56	FRWY
(7054, 568)	2142	2142	427	0	2.2	101.4	133.3	3.4	2.4	1.0	0.70	1.31	0.39	772.7	16.9	45.65	FRWY
(441, 397)	529	529	0	1	0.6	29.9	36.5	4.1	3.7	0.4	0.89	1.22	0.13	528.9	10.8	49.12	RAMP
(626, 627)	1115	1115	22	0	1.6	88.5	97.9	5.3	5.2	0.1	0.99	1.11	0.02	371.7	6.9	54.24	FRWY
(627, 27)	1115	1118	32	0	1.3	67.6	75.3	4.1	4.0	0.1	0.98	1.11	0.02	372.0	6.9	53.87	FRWY
(629, 28)	855	856	0	0	1.2	54.7	69.9	4.9	4.2	0.7	0.86	1.28	0.18	855.2	18.2	47.01	RAMP
(628, 629)	856	855	0	5	1.4	56.1	84.8	5.9	5.2	0.7	0.88	1.51	0.18	856.8	21.6	39.71	RAMP
(631, 30)	1028	1029	0	0	1.9	96.8	115.3	6.7	6.1	0.6	0.91	1.19	0.10	1028.4	20.4	50.38	RAMP
(630, 631)	1026	1028	0	1	1.7	83.3	104.8	6.1	5.8	0.3	0.95	1.26	0.06	1027.4	21.6	47.66	RAMP
(34, 632)	1163	1164	32	0	1.0	52.2	58.2	3.0	2.9	0.1	0.98	1.11	0.02	582.0	10.8	53.84	RAMP
(632, 633)	1164	1167	32	1	1.2	62.7	69.8	3.6	3.5	0.1	0.98	1.11	0.02	583.1	10.8	53.94	RAMP
(635, 54)	484	485	0	1	1.1	57.7	68.6	8.5	7.8	0.7	0.92	1.19	0.10	484.6	9.6	50.50	RAMP
(634, 635)	485	484	0	1	1.0	43.0	62.3	7.7	7.1	0.6	0.92	1.45	0.12	484.9	11.7	41.42	RAMP
(637, 56)	601	600	0	3	1.4	73.7	82.6	8.2	8.0	0.2	0.97	1.12	0.03	601.1	11.2	53.53	RAMP
(636, 637)	601	601	0	3	1.0	51.1	57.6	5.7	5.6	0.2	0.97	1.13	0.04	601.3	11.3	53.31	RAMP
(61, 638)	305	305	0	0	0.5	25.9	28.7	5.6	5.6	0.1	0.98	1.11	0.02	305.0	5.6	54.16	RAMP
(638, 639)	305	305	12	0	0.4	19.5	22.2	4.4	4.2	0.2	0.96	1.13	0.04	179.0	3.4	52.87	RAMP
(62, 640)	612	609	0	3	0.9	46.8	52.2	5.1	5.0	0.1	0.98	1.12	0.03	609.8	11.3	53.78	RAMP
(640, 641)	609	609	19	0	0.5	25.4	29.4	2.9	2.9	0.0	0.99	1.16	0.02	394.1	7.6	51.74	RAMP
(643, 64)	460	460	0	0	1.0	50.9	57.3	7.5	7.3	0.2	0.97	1.13	0.03	460.0	8.6	53.29	RAMP

(642, 643)	460	460	14	0	0.8	41.6	48.8	6.4	5.9	0.5	0.93	1.18	0.08	324.1	6.3	51.05	RAMP
(69, 644)	826	826	29	0	1.0	54.9	62.9	4.6	4.4	0.2	0.95	1.15	0.05	721.2	13.8	52.38	RAMP
(644, 645)	826	825	54	1	0.8	38.8	46.1	3.3	3.3	0.1	0.98	1.19	0.02	317.8	6.3	50.49	RAMP
(647, 71)	232	232	0	0	0.6	30.9	36.9	9.6	8.7	0.8	0.91	1.19	0.10	232.0	4.6	50.25	RAMP
(646, 647)	230	232	0	1	0.5	22.0	32.0	8.3	7.6	0.7	0.91	1.46	0.13	231.5	5.6	41.21	RAMP
(74, 648)	1030	1032	42	3	1.7	90.9	101.3	5.9	5.8	0.1	0.98	1.12	0.02	515.9	9.6	53.81	RAMP
(648, 649)	1032	1029	29	4	1.4	76.9	86.1	5.0	4.9	0.1	0.98	1.12	0.03	515.3	9.6	53.63	RAMP
(651, 75)	369	369	0	0	0.6	27.3	33.7	5.5	4.8	0.6	0.88	1.23	0.15	369.0	7.6	48.64	RAMP
(650, 651)	371	369	0	2	0.5	21.7	32.6	5.3	4.7	0.6	0.88	1.50	0.18	369.6	9.3	39.92	RAMP
(653, 76)	286	286	0	0	0.2	13.3	15.0	3.1	3.1	0.1	0.97	1.12	0.03	286.0	5.4	53.45	RAMP
(652, 653)	286	286	0	0	0.3	15.1	17.0	3.6	3.5	0.1	0.97	1.13	0.04	286.0	5.4	53.18	RAMP
(569, 654)	804	804	39	0	0.8	39.9	48.2	3.6	3.2	0.4	0.90	1.21	0.12	650.1	13.1	49.68	RAMP
(656, 570)	1177	1177	0	2	2.1	102.7	128.0	6.5	5.7	0.8	0.88	1.25	0.15	1176.8	24.4	48.17	RAMP
(655, 656)	1176	1177	0	5	2.5	100.4	148.5	7.6	6.8	0.7	0.90	1.48	0.14	1178.0	29.0	40.58	RAMP
(658, 571)	526	525	0	1	1.0	52.6	59.1	6.8	6.6	0.2	0.98	1.12	0.03	525.1	9.8	53.37	RAMP
(657, 658)	528	526	0	2	0.8	44.5	49.9	5.7	5.6	0.1	0.98	1.12	0.02	527.4	9.8	53.57	RAMP
(574, 660)	222	222	0	0	0.2	9.4	10.5	2.8	2.8	0.1	0.98	1.12	0.03	222.0	4.1	53.76	RAMP
(660, 661)	222	222	0	0	0.2	8.9	10.5	2.8	2.8	0.1	0.97	1.19	0.03	222.0	4.4	50.60	RAMP
(663, 576)	1837	1832	37	5	3.9	173.4	236.9	7.7	6.2	1.6	0.80	1.37	0.28	1528.2	34.8	43.91	RAMP
(662, 663)	1834	1837	263	1	2.9	116.2	172.3	5.6	4.5	1.1	0.81	1.48	0.29	918.3	22.7	40.46	RAMP
(581, 664)	1048	1045	0	4	2.2	114.7	130.1	7.5	7.2	0.3	0.96	1.13	0.04	1046.1	19.8	52.92	RAMP
(664, 665)	1045	1045	0	0	0.8	44.5	50.5	2.9	2.8	0.1	0.96	1.13	0.04	1045.0	19.8	52.86	RAMP
(667, 583)	488	485	0	6	1.7	79.7	101.3	12.5	10.7	1.8	0.86	1.27	0.18	487.5	10.3	47.18	RAMP
(666, 667)	489	488	0	3	0.6	19.7	34.2	4.2	4.1	0.1	0.99	1.74	0.02	487.8	14.1	34.50	RAMP

(669, 584)	924	920	14	6	2.0	101.9	119.1	7.8	7.3	0.5	0.94	1.17	0.07	786.9	15.3	51.34	RAMP
(668, 669)	924	924	66	0	1.1	55.7	66.8	4.3	4.0	0.4	0.91	1.20	0.11	462.0	9.2	49.95	RAMP
(589, 670)	2162	2162	0	2	1.9	93.3	112.5	3.1	2.8	0.3	0.90	1.21	0.12	2161.3	43.4	49.76	RAMP
(670, 671)	2162	2162	0	2	1.8	88.9	109.8	3.0	2.7	0.4	0.88	1.24	0.15	2162.5	44.5	48.56	RAMP
(673, 592)	389	389	0	0	0.5	23.3	28.9	4.5	3.9	0.5	0.88	1.24	0.15	389.0	8.0	48.33	RAMP
(672, 673)	390	389	0	1	0.5	21.6	32.3	5.0	4.4	0.5	0.89	1.49	0.16	389.3	9.7	40.17	RAMP
(675, 593)	524	524	0	1	0.6	33.0	36.9	4.2	4.1	0.1	0.98	1.12	0.02	524.7	9.8	53.62	RAMP
(674, 675)	526	524	0	2	0.6	31.4	35.1	4.0	3.9	0.1	0.98	1.12	0.02	525.7	9.8	53.55	RAMP
(678, 679)	1884	1885	65	1	2.9	146.4	176.0	5.6	5.5	0.1	0.98	1.20	0.03	942.4	18.9	49.89	RAMP
(684, 685)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	RAMP
(688,7008)	1875	1876	0	2	3.2	117.2	189.1	6.0	5.9	0.1	0.98	1.61	0.04	625.2	16.8	37.19	FRWY
(7056, 626)	1115	1115	27	0	1.7	93.3	103.8	5.4	5.2	0.1	0.98	1.11	0.03	388.0	7.2	53.90	FRWY
(679,7058)	1885	1882	0	3	1.7	80.9	101.2	3.2	3.1	0.1	0.96	1.25	0.05	941.4	19.6	47.99	RAMP
(7059, 684)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	RAMP
(7060, 628)	856	856	0	2	1.1	37.7	66.7	4.3	4.1	0.2	0.96	1.77	0.06	930.9	27.4	33.92	RAMP
(7061, 630)	1024	1026	0	0	1.5	67.3	88.7	4.9	4.5	0.5	0.91	1.32	0.12	1084.0	23.8	45.53	RAMP
(7062, 674)	524	526	0	1	0.6	32.0	38.0	4.1	3.8	0.3	0.92	1.19	0.09	556.3	11.0	50.59	RAMP
(7063, 672)	390	390	0	0	0.5	17.1	29.5	4.2	4.1	0.1	0.98	1.72	0.03	424.0	12.2	34.82	RAMP
(671,7064)	2162	2162	0	3	1.7	74.5	99.0	2.7	2.3	0.5	0.82	1.33	0.24	2162.5	47.9	45.17	RAMP
(633,7065)	1167	1166	0	2	1.4	73.3	81.5	4.2	4.1	0.1	0.98	1.11	0.02	583.2	10.8	53.97	RAMP
(7066, 634)	484	485	0	0	0.6	20.8	36.0	4.1	4.0	0.1	0.98	1.73	0.03	528.4	15.2	34.70	RAMP
(7067, 636)	600	601	0	1	0.9	45.3	54.6	5.2	4.7	0.5	0.90	1.20	0.12	630.1	12.6	49.84	RAMP
(665,7068)	1045	1042	0	3	0.8	40.5	46.8	2.7	2.5	0.1	0.94	1.16	0.06	1043.2	20.1	51.94	RAMP

(7069, 666)	491	489	0	2	0.5	18.1	30.1	3.3	3.3	0.0	0.99	1.67	0.02	542.3	15.1	36.02	RAMP
(7070, 668)	922	924	447	0	1.1	57.9	68.4	4.2	3.9	0.3	0.93	1.18	0.09	488.8	9.6	50.85	RAMP
(639,7071)	305	305	0	0	0.2	9.5	11.2	2.2	2.0	0.2	0.92	1.18	0.09	152.5	3.0	50.92	RAMP
(7072, 642)	460	460	258	0	0.3	15.1	19.1	2.2	1.9	0.3	0.87	1.26	0.17	257.7	5.4	47.58	RAMP
(641,7073)	609	608	0	1	0.4	20.0	25.9	2.6	2.5	0.0	0.99	1.29	0.02	304.1	6.5	46.48	RAMP
(661,7074)	222	222	0	0	0.2	7.9	10.4	2.8	2.6	0.2	0.91	1.31	0.11	222.0	4.9	45.74	RAMP
(7075, 662)	1828	1834	590	0	2.3	106.0	138.2	4.3	3.9	0.4	0.92	1.30	0.11	975.1	21.2	46.01	RAMP
(645,7076)	825	825	0	0	0.8	36.9	46.4	3.4	3.2	0.1	0.96	1.26	0.05	275.0	5.8	47.73	RAMP
(7077, 646)	230	230	0	0	0.2	7.8	13.6	3.2	3.1	0.1	0.97	1.75	0.06	256.4	7.5	34.28	RAMP
(7078, 657)	529	528	0	1	0.7	36.4	42.0	4.5	4.3	0.2	0.95	1.15	0.06	557.1	10.7	51.99	RAMP
(7080, 650)	368	371	0	1	0.7	22.7	39.4	6.0	5.9	0.1	0.98	1.74	0.04	392.3	11.4	34.53	RAMP
(7081, 655)	1178	1176	0	3	1.5	51.2	90.1	4.2	4.1	0.1	0.97	1.76	0.05	1281.1	37.6	34.08	RAMP
(649,7082)	1029	1025	0	4	1.1	57.6	67.0	3.9	3.7	0.2	0.94	1.16	0.07	513.6	10.0	51.58	RAMP
(7083, 652)	286	286	0	0	0.3	13.8	16.7	3.2	2.9	0.3	0.90	1.21	0.12	309.2	6.2	49.68	RAMP
(7084, 857)	336	336	0	0	0.3	13.1	16.0	2.6	2.3	0.3	0.89	1.22	0.13	369.0	7.5	49.36	RAMP
(857, 858)	336	336	0	0	0.4	19.9	22.4	4.0	3.9	0.1	0.96	1.13	0.04	336.0	6.3	53.28	RAMP
(859,7085)	307	306	0	1	0.5	28.1	31.9	6.2	6.0	0.2	0.96	1.13	0.04	306.3	5.8	52.89	RAMP
(7086, 860)	21	21	0	0	0.0	1.9	2.2	6.0	5.7	0.3	0.95	1.13	0.05	21.9	0.4	53.25	RAMP
(860, 861)	21	21	0	0	0.0	1.8	2.0	5.7	5.5	0.1	0.98	1.10	0.03	21.0	0.4	54.38	RAMP
(866,7087)	63	63	0	0	0.1	3.6	4.1	3.9	3.8	0.1	0.98	1.12	0.02	63.0	1.2	53.47	RAMP
(873,7088)	74	76	0	0	0.1	7.9	8.7	6.9	6.9	0.0	0.99	1.10	0.01	75.4	1.4	54.65	RAMP
(7089, 874)	216	216	0	0	0.2	12.6	14.6	3.8	3.6	0.2	0.94	1.16	0.07	230.3	4.4	51.77	RAMP
(874, 875)	216	216	0	0	0.2	12.0	13.3	3.7	3.6	0.1	0.98	1.11	0.02	216.0	4.0	54.02	RAMP
(876,7090)	51	51	0	0	0.1	4.6	5.0	5.9	5.9	0.0	0.99	1.10	0.01	51.0	0.9	54.43	RAMP

(7091, 877)	64	64	0	0	0.1	3.8	5.7	5.0	3.6	1.4	0.72	1.50	0.42	68.2	1.7	39.88	RAMP
(877, 878)	64	64	0	0	0.1	4.2	4.9	4.6	4.2	0.3	0.93	1.16	0.08	64.0	1.2	51.81	RAMP
(879, 880)	1995	1992	114	8	7.8	501.0	468.9	13.9	13.8	0.2	0.99	0.94	0.01	1011.2	15.8	64.11	FRWY
(880, 881)	1992	1995	180	9	11.0	703.3	662.6	19.9	19.6	0.3	0.98	0.94	0.02	997.1	15.7	63.68	FRWY
(881, 882)	1995	1993	202	9	9.1	574.3	546.1	16.4	16.0	0.4	0.97	0.95	0.03	996.8	15.8	63.10	FRWY
(882, 883)	1993	1997	182	8	9.0	566.6	542.2	16.3	15.8	0.5	0.97	0.96	0.03	997.2	15.9	62.70	FRWY
(883, 884)	1923	1922	122	5	7.0	437.4	418.9	13.1	12.6	0.4	0.97	0.96	0.03	961.5	15.3	62.65	FRWY
(883, 873)	74	74	0	0	0.2	8.4	9.3	7.5	7.5	0.1	0.99	1.10	0.01	74.0	1.4	54.68	RAMP
(884, 885)	1922	1923	122	8	6.5	403.4	387.6	12.1	11.7	0.4	0.96	0.96	0.03	961.1	15.4	62.44	FRWY
(885, 886)	1923	1920	186	10	8.0	498.2	479.4	15.0	14.4	0.6	0.96	0.96	0.04	960.0	15.4	62.36	FRWY
(886, 887)	2137	2133	415	13	9.8	607.0	588.5	16.5	15.8	0.7	0.95	0.97	0.04	929.0	15.0	61.89	FRWY
(887, 888)	2133	2138	197	9	10.0	624.4	602.1	16.9	16.2	0.7	0.96	0.96	0.04	1068.3	17.2	62.22	FRWY
(875, 886)	216	217	0	0	0.3	17.5	19.3	5.3	5.3	0.1	0.99	1.10	0.01	216.5	4.0	54.43	RAMP
(888, 889)	2138	2134	244	8	10.9	677.6	654.8	18.4	17.6	0.8	0.96	0.97	0.04	1068.0	17.2	62.09	FRWY
(889, 890)	2134	2134	142	4	7.2	447.0	432.0	12.1	11.6	0.5	0.96	0.97	0.04	1067.0	17.2	62.09	FRWY
(890, 891)	2134	2137	233	8	11.4	704.8	682.4	19.2	18.3	0.8	0.96	0.97	0.04	1068.8	17.2	61.97	FRWY
(891, 892)	2137	2127	162	19	8.5	528.9	511.9	14.4	13.8	0.6	0.96	0.97	0.04	1066.7	17.2	61.99	FRWY
(892, 893)	2127	2133	367	13	20.0	1238.2	1199.8	33.8	32.3	1.5	0.96	0.97	0.04	1066.5	17.2	61.92	FRWY
(893, 894)	2133	2133	433	26	23.7	1462.2	1421.1	39.9	38.0	1.9	0.95	0.97	0.05	1067.8	17.3	61.74	FRWY
(894, 895)	2133	2135	290	11	14.5	894.1	871.4	24.5	23.3	1.2	0.95	0.97	0.05	1066.1	17.3	61.56	FRWY
(895, 896)	2135	2131	378	27	22.7	1396.2	1364.0	38.3	36.3	2.0	0.95	0.98	0.05	1068.1	17.4	61.42	FRWY
(896, 897)	2131	2121	417	28	24.3	1490.5	1460.5	41.2	38.9	2.2	0.95	0.98	0.05	1064.7	17.4	61.23	FRWY
(897, 898)	2121	2118	243	17	13.3	818.1	800.2	22.7	21.5	1.2	0.95	0.98	0.05	1058.8	17.3	61.35	FRWY

(898, 899)	2118	2126	186	3	9.9	603.2	593.2	16.8	15.8	1.0	0.94	0.98	0.06	1061.6	17.4	61.01	FRWY
(899, 900)	2063	2067	192	2	10.5	644.3	629.2	18.3	17.3	0.9	0.95	0.98	0.05	1032.7	16.8	61.43	FRWY
(899, 866)	63	63	0	0	0.1	7.4	8.3	7.9	7.8	0.1	0.98	1.12	0.02	63.0	1.2	53.57	RAMP
(900, 901)	2067	2065	241	12	12.3	757.0	738.5	21.5	20.4	1.1	0.95	0.98	0.05	1032.8	16.8	61.50	FRWY
(901, 902)	2401	2388	610	17	11.4	680.3	684.2	17.1	15.8	1.4	0.92	1.01	0.08	1041.1	17.5	59.65	FRWY
(902, 903)	2388	2387	189	5	11.1	683.0	667.1	16.8	15.9	0.9	0.95	0.98	0.05	1193.4	19.4	61.43	FRWY
(858, 901)	336	336	0	0	0.9	50.7	56.8	10.1	9.9	0.3	0.97	1.12	0.03	336.0	6.3	53.59	RAMP
(903, 904)	2387	2376	203	13	12.7	781.2	762.9	19.2	18.2	1.0	0.95	0.98	0.05	1191.4	19.4	61.44	FRWY
(904, 905)	2376	2373	187	9	9.8	602.8	589.1	14.9	14.1	0.8	0.95	0.98	0.05	1188.6	19.4	61.40	FRWY
(906, 907)	2497	2499	150	9	10.1	647.8	607.5	14.4	14.2	0.2	0.98	0.94	0.02	1265.8	19.8	63.98	FRWY
(907, 908)	2499	2498	344	15	15.2	964.2	912.5	21.9	21.4	0.6	0.97	0.95	0.02	1248.3	19.7	63.40	FRWY
(908, 909)	2498	2495	246	12	11.4	708.6	682.8	16.4	15.8	0.6	0.96	0.96	0.04	1247.2	20.0	62.27	FRWY
(909, 910)	2191	2185	209	10	8.8	549.0	527.0	14.4	13.9	0.6	0.96	0.96	0.04	1094.7	17.5	62.51	FRWY
(909, 859)	304	307	0	0	0.8	44.1	48.9	9.6	9.5	0.1	0.99	1.11	0.02	305.3	5.6	54.10	RAMP
(910, 911)	2185	2183	190	13	10.5	658.6	632.3	17.4	16.7	0.7	0.96	0.96	0.04	1091.5	17.5	62.49	FRWY
(911, 912)	2183	2184	182	10	9.7	605.4	583.2	16.0	15.3	0.7	0.96	0.96	0.04	1092.4	17.5	62.28	FRWY
(861, 912)	21	21	0	0	0.0	2.0	2.2	6.3	6.2	0.1	0.98	1.10	0.02	21.0	0.4	54.73	RAMP
(912, 913)	2205	2202	206	15	10.1	626.5	605.4	16.5	15.7	0.7	0.95	0.97	0.04	958.9	15.4	62.10	FRWY
(913, 914)	2202	2203	197	9	10.6	655.0	633.2	17.3	16.5	0.8	0.95	0.97	0.04	1100.0	17.7	62.07	FRWY
(914, 915)	2203	2209	359	19	20.9	1293.9	1254.8	34.1	32.5	1.7	0.95	0.97	0.05	1103.0	17.8	61.87	FRWY
(915, 916)	2209	2207	387	20	21.2	1305.8	1269.7	34.5	32.7	1.8	0.95	0.97	0.05	1104.2	17.9	61.71	FRWY
(916, 917)	2207	2205	359	26	19.2	1185.2	1152.9	31.4	29.7	1.6	0.95	0.97	0.05	1102.9	17.9	61.68	FRWY
(917, 918)	2205	2204	248	9	15.1	926.5	903.4	24.6	23.3	1.3	0.95	0.98	0.05	1101.8	17.9	61.53	FRWY
(918, 919)	2204	2217	346	14	19.5	1196.4	1168.2	31.7	29.9	1.8	0.94	0.98	0.05	1104.8	18.0	61.45	FRWY

(919, 920)	2217	2217	344	23	20.3	1245.2	1218.2	33.0	31.1	1.9	0.94	0.98	0.06	1108.3	18.1	61.33	FRWY
(920, 921)	2217	2217	180	9	12.4	761.9	746.9	20.2	19.0	1.2	0.94	0.98	0.06	1109.4	18.1	61.20	FRWY
(921, 922)	2217	2210	202	16	11.8	723.8	710.8	19.3	18.1	1.2	0.94	0.98	0.06	1106.5	18.1	61.10	FRWY
(922, 923)	2210	2212	183	10	11.9	727.4	714.9	19.4	18.2	1.2	0.94	0.98	0.06	1104.3	18.1	61.05	FRWY
(923, 924)	2212	2233	244	9	13.5	822.4	808.7	21.8	20.5	1.4	0.94	0.98	0.06	1111.1	18.2	61.01	FRWY
(924, 925)	2233	2223	176	10	12.8	777.6	769.5	20.7	19.3	1.4	0.93	0.99	0.07	1113.3	18.4	60.64	FRWY
(925, 926)	2172	2163	211	10	14.4	875.9	864.7	24.0	22.4	1.6	0.93	0.99	0.07	1083.1	17.8	60.78	FRWY
(925, 876)	51	51	0	0	0.1	7.8	8.6	10.1	10.0	0.1	0.99	1.10	0.01	51.0	0.9	54.34	RAMP
(926, 927)	2163	2154	172	18	10.5	642.2	632.5	17.6	16.4	1.1	0.94	0.98	0.06	1079.9	17.7	60.92	FRWY
(878, 927)	64	65	0	0	0.1	3.6	4.0	3.7	3.7	0.1	0.98	1.10	0.02	64.8	1.2	54.56	RAMP
(927, 928)	2219	2214	223	19	10.4	631.3	622.8	16.8	15.7	1.1	0.93	0.99	0.06	966.1	15.9	60.81	FRWY
(928, 929)	2214	2210	155	5	9.6	584.6	574.8	15.6	14.6	1.0	0.94	0.98	0.06	1106.3	18.1	61.02	FRWY
(929, 930)	2210	2205	159	10	11.8	721.6	709.2	19.3	18.1	1.2	0.94	0.98	0.06	1105.1	18.1	61.06	FRWY
(930, 931)	2205	2188	130	17	7.8	477.8	470.1	12.9	12.0	0.8	0.94	0.98	0.06	1096.9	18.0	60.98	FRWY
(654,7079)	804	804	0	0	0.8	39.6	49.4	3.7	3.2	0.5	0.87	1.25	0.16	402.0	8.4	48.06	RAMP
(407, 369)	3038	3043	438	7	15.4	795.4	923.7	18.2	17.1	1.1	0.94	1.16	0.07	1520.5	29.4	51.67	RAMP
(162, 165)	4865	4865	383	15	13.4	847.4	805.2	9.7	9.5	0.3	0.97	0.95	0.03	1241.5	19.7	63.15	FRWY
(165, 166)	4865	4863	144	12	10.9	690.8	654.5	8.1	7.9	0.2	0.98	0.95	0.02	1215.8	19.2	63.33	FRWY
(386, 167)	4105	4112	547	5	9.5	583.6	572.0	8.4	7.9	0.5	0.94	0.98	0.06	893.1	14.6	61.21	FRWY
(167, 168)	4112	4121	202	1	9.5	584.8	568.1	8.3	7.9	0.4	0.95	0.97	0.05	1029.2	16.7	61.76	FRWY
(168, 169)	4121	4115	217	10	10.1	626.8	606.5	8.8	8.4	0.4	0.95	0.97	0.04	1029.1	16.6	62.01	FRWY
(404, 170)	225	225	0	0	0.2	12.2	13.5	3.6	3.6	0.0	0.99	1.11	0.01	225.0	4.2	54.20	RAMP
(7018, 171)	245	245	0	0	0.2	9.5	12.9	2.9	2.5	0.3	0.88	1.37	0.16	269.8	6.2	43.82	RAMP

(171, 172)	245	245	0	0	0.2	8.6	10.6	2.6	2.5	0.1	0.97	1.24	0.03	245.0	5.0	48.58	RAMP
(172, 387)	245	245	0	0	0.2	9.2	11.0	2.7	2.5	0.2	0.92	1.20	0.10	245.0	4.9	50.16	RAMP
(7020, 174)	319	319	0	0	0.3	14.4	18.9	3.3	3.0	0.3	0.91	1.32	0.12	346.0	7.6	45.46	RAMP
(174, 175)	319	319	0	1	0.3	14.6	17.8	3.4	3.3	0.1	0.98	1.22	0.02	319.2	6.5	49.19	RAMP
(175, 386)	319	320	0	0	0.3	17.3	20.1	3.8	3.5	0.2	0.94	1.16	0.07	319.7	6.2	51.69	RAMP
(385, 173)	525	525	0	0	0.5	25.6	28.5	3.3	3.2	0.1	0.98	1.12	0.02	525.0	9.8	53.72	RAMP
(173,7019)	525	525	0	0	0.5	24.0	28.1	3.2	3.2	0.1	0.98	1.17	0.02	525.0	10.3	51.12	RAMP
(170,7017)	225	224	0	2	0.2	11.9	14.0	3.7	3.7	0.0	0.99	1.17	0.02	224.4	4.4	51.17	RAMP
(151, 344)	997	997	0	3	2.2	114.8	130.7	7.9	7.5	0.3	0.96	1.14	0.05	984.1	18.7	52.71	RAMP
(344,7026)	997	998	0	1	0.9	39.4	51.2	3.1	2.8	0.3	0.90	1.30	0.13	498.3	10.8	46.20	RAMP
(7007, 208)	99	99	0	0	0.1	3.5	5.4	2.9	2.5	0.4	0.86	1.55	0.22	110.5	2.9	38.62	RAMP
(209, 180)	99	99	0	0	0.1	5.2	6.1	3.7	3.4	0.3	0.93	1.17	0.08	99.0	1.9	51.48	RAMP
(396, 397)	3801	3808	1796	14	20.4	1266.1	1224.0	19.3	18.5	0.8	0.96	0.97	0.04	950.7	15.3	62.06	FRWY
(399, 402)	1785	1783	456	12	8.8	459.9	530.2	17.8	16.9	0.9	0.95	1.15	0.06	1092.8	21.0	52.04	RAMP
(559, 407)	3040	3038	57	9	5.8	263.7	346.2	6.8	6.2	0.6	0.91	1.31	0.11	1520.0	33.3	45.70	FRWY
(370, 416)	461	461	0	0	0.5	27.0	30.4	4.0	3.8	0.1	0.97	1.13	0.03	461.0	8.7	53.27	RAMP
(403, 310)	1781	1777	319	9	6.2	250.4	373.2	12.6	9.2	3.4	0.73	1.49	0.40	1402.0	34.8	40.26	RAMP
(383, 314)	1608	1600	0	11	6.4	309.9	385.3	14.4	12.7	1.8	0.88	1.24	0.15	1604.4	33.2	48.26	RAMP
(381, 315)	489	488	0	1	0.5	24.4	28.7	3.5	3.3	0.3	0.93	1.18	0.09	488.0	9.6	50.95	RAMP
(380, 381)	489	489	0	0	0.5	24.3	29.6	3.6	3.6	0.1	0.98	1.22	0.02	489.0	9.9	49.16	RAMP
(7029, 380)	489	489	0	0	0.6	30.2	38.4	4.4	4.2	0.3	0.94	1.27	0.08	518.8	11.0	47.07	RAMP
(316, 309)	1233	1232	0	1	1.3	65.1	75.4	3.7	3.5	0.2	0.94	1.16	0.07	1232.4	23.8	51.82	RAMP
(349, 352)	423	422	0	1	1.2	56.6	69.7	9.9	9.7	0.2	0.98	1.23	0.02	422.4	8.7	48.74	FRWY
(352,7027)	422	422	0	0	0.3	13.5	17.3	2.5	2.3	0.1	0.94	1.28	0.08	422.0	9.0	46.77	FRWY

(346, 347)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	FRWY
(599, 678)	1883	1884	122	2	2.7	141.6	160.6	5.1	4.9	0.2	0.96	1.13	0.04	941.9	17.8	52.91	RAMP
(685, 601)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	RAMP
(603, 688)	1878	1875	56	6	5.4	276.7	323.6	10.4	10.2	0.2	0.98	1.17	0.02	625.2	12.2	51.32	FRWY
(382, 383)	1608	1608	0	0	1.4	59.1	81.9	3.1	2.0	1.0	0.67	1.39	0.46	1608.0	37.2	43.27	RAMP
(368, 369)	1340	1337	642	10	9.7	577.5	579.1	26.0	24.0	2.0	0.92	1.00	0.08	503.5	8.4	59.84	FRWY
(407, 411)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	FRWY
(406, 412)	633	631	18	3	1.0	41.2	59.0	5.6	5.2	0.4	0.93	1.43	0.09	558.4	13.3	41.92	RAMP
(412,7041)	631	631	0	0	0.6	23.8	37.5	3.6	3.0	0.5	0.85	1.58	0.24	315.5	8.3	38.06	RAMP
(7042, 414)	536	536	0	0	0.6	25.6	36.4	3.8	3.5	0.2	0.94	1.42	0.08	579.3	13.7	42.20	RAMP
(414, 415)	536	537	0	0	0.4	18.3	24.3	2.7	2.5	0.2	0.91	1.33	0.12	536.6	11.9	45.23	RAMP
(415, 307)	537	538	0	0	0.6	28.4	33.8	3.8	3.5	0.3	0.92	1.19	0.10	537.1	10.7	50.33	RAMP
(7013, 8)	459	459	0	0	0.5	17.4	31.0	3.7	1.9	1.8	0.52	1.78	0.85	505.4	15.0	33.75	RAMP
(8, 132)	459	459	0	0	0.3	15.4	20.8	2.7	1.9	0.9	0.69	1.35	0.42	459.0	10.4	44.33	RAMP

NETWORK STATISTICS

VEHICLE-MILES = 213027.7, VEHICLE-MINUTES = 251187.9, MOVING/TOTAL TRIP TIME = 0.804,

AVERAGE CONTENT = 4186.5, CURRENT CONTENT = 4613.0, SPEED(MPH) = 50.88,

TOTAL DELAY (VEH-MIN) = 49153.62, TRAVEL TIME (MIN)/VEH-MILE = 1.18, DELAY TIME (MIN)/ VEH-MILE = 0.23

LINK STATISTICS BY LANE

(SOME STATISTICS APPLY TO HOV LANES ONLY)

								SEC./VEHICLE			SEC./PERSON				
LINK	LANE	VEHICLES TYPE	CURR IN	VOLUME OUT	CONT	VOLUME OF VEH/HR	TOTAL VIOLATORS	MOVE TIME	DELAY TIME	TOTAL TIME	MOVE TIME	DELAY TIME	SPEED TIME	TIME	MILES/HR
(153, 96)	1	SOV	---	---	3	885.2	-----	14.6	13.5	1.1	11.3	10.4	0.9		60.59
(153, 96)	2	SOV	---	---	7	1846.7	-----	14.9	14.0	0.9	11.5	10.8	0.7		59.48
(153, 96)	3	SOV	---	---	5	1536.0	-----	14.1	13.5	0.6	10.9	10.4	0.4		62.90
(153, 96)	4	SOV	---	---	3	1142.5	-----	14.3	13.7	0.6	11.0	10.5	0.4		62.17
(153, 96)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00
(153, 96)	9	SOV	---	---	12	1725.1	-----	15.2	14.3	0.9	11.7	11.0	0.7		58.47
(563, 98)	1	SOV	---	---	11	1949.5	-----	17.9	16.0	1.9	13.8	12.3	1.4		57.25
(563, 98)	2	SOV	---	---	3	1076.5	-----	17.1	16.0	1.1	13.2	12.4	0.8		59.92
(563, 98)	3	SOV	---	---	3	1017.8	-----	16.2	15.7	0.5	12.5	12.1	0.4		63.17
(563, 98)	4	SOV	---	---	7	805.9	-----	16.1	15.7	0.5	12.4	12.1	0.4		63.40
(563, 98)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00
(154, 101)	1	SOV	---	---	7	652.9	-----	29.9	29.3	0.5	23.2	22.8	0.4		64.84
(154, 101)	2	SOV	---	---	10	1114.8	-----	30.7	30.0	0.7	23.8	23.3	0.6		63.00
(154, 101)	3	SOV	---	---	12	1029.9	-----	30.1	29.5	0.6	23.3	22.9	0.5		64.31
(154, 101)	4	SOV	---	---	10	1099.5	-----	30.8	30.0	0.8	23.7	23.1	0.6		62.76
(154, 101)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00
(103, 104)	1	SOV	---	---	2	1534.8	-----	10.3	8.4	1.9	8.0	6.5	1.5		52.81
(103, 104)	2	SOV	---	---	0	1533.3	-----	9.0	8.4	0.6	6.9	6.5	0.5		60.75
(103, 104)	3	SOV	---	---	1	1161.7	-----	8.5	8.2	0.3	6.6	6.4	0.2		64.18
(103, 104)	4	SOV	---	---	3	816.2	-----	8.7	8.5	0.2	6.7	6.5	0.2		62.79
(103, 104)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.00
(103, 104)	9	SOV	---	---	1	85.0	-----	12.5	10.0	2.5	9.6	7.7	1.9		43.80
(158, 105)	1	SOV	---	---	15	2830.9	-----	19.1	16.0	3.1	14.8	12.4	2.4		53.47
(158, 105)	2	SOV	---	---	8	1892.6	-----	17.2	15.9	1.3	13.3	12.3	1.0		59.56
(158, 105)	3	SOV	---	---	6	1331.8	-----	16.0	15.5	0.5	12.4	12.0	0.4		63.93

(158, 105)	4	SOV	---	---	4	809.9	-----	15.9	15.6	0.4	12.3	12.0	0.3	64.13
(158, 105)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(128, 97)	1	SOV	---	---	3	678.1	-----	23.0	22.4	0.6	17.7	17.3	0.4	65.15
(128, 97)	2	SOV	---	---	10	1256.0	-----	24.7	23.8	0.8	19.1	18.5	0.6	60.69
(128, 97)	3	SOV	---	---	10	1340.6	-----	23.6	22.9	0.7	18.2	17.7	0.5	63.49
(128, 97)	4	SOV	---	---	12	1040.9	-----	23.9	23.0	0.9	18.4	17.7	0.7	62.48
(128, 97)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(156, 102)	1	SOV	---	---	8	2242.0	-----	15.8	13.9	1.9	12.2	10.7	1.5	56.15
(156, 102)	2	SOV	---	---	10	1317.9	-----	14.7	13.6	1.2	11.4	10.5	0.9	60.24
(156, 102)	3	SOV	---	---	6	1002.5	-----	13.9	13.4	0.4	10.7	10.4	0.3	63.95
(156, 102)	4	SOV	---	---	5	773.3	-----	14.1	13.8	0.3	10.9	10.6	0.3	62.71
(156, 102)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(109,7001)	1	SOV	---	---	1	1477.3	-----	2.3	2.2	0.1	1.8	1.7	0.1	51.34
(109,7001)	2	SOV	---	---	0	667.0	-----	2.1	2.1	0.0	1.6	1.6	0.0	55.48
(102, 103)	1	SOV	---	---	9	1129.5	-----	25.5	24.1	1.4	19.8	18.7	1.1	60.74
(102, 103)	2	SOV	---	---	13	1306.1	-----	24.9	23.8	1.1	19.3	18.4	0.9	62.22
(102, 103)	3	SOV	---	---	7	1097.6	-----	24.1	23.4	0.7	18.7	18.1	0.5	64.18
(102, 103)	4	SOV	---	---	4	789.8	-----	24.7	24.1	0.6	19.0	18.5	0.5	62.70
(102, 103)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(160,7002)	1	SOV	---	---	1	988.2	-----	2.8	2.7	0.2	2.2	2.1	0.1	51.49
(160,7002)	2	SOV	---	---	0	26.0	-----	2.8	2.6	0.3	2.2	2.0	0.2	51.52
(7003, 106)	1	SOV	---	---	2	381.8	-----	9.1	6.6	2.5	7.0	5.1	1.9	32.88
(7003, 106)	2	SOV	---	---	3	461.4	-----	7.7	6.4	1.3	6.0	5.0	1.0	38.77
(106, 103)	1	SOV	---	---	2	656.1	-----	9.6	7.7	1.9	7.4	5.9	1.5	43.43
(106, 103)	2	SOV	---	---	1	148.5	-----	12.6	8.5	4.1	9.7	6.5	3.2	33.21
(7004, 107)	1	SOV	---	---	0	953.1	-----	4.2	3.0	1.2	3.2	2.3	0.9	41.21
(7004, 107)	2	SOV	---	---	0	889.5	-----	4.1	3.1	1.0	3.1	2.4	0.8	42.27
(107, 104)	1	SOV	---	---	1	1043.6	-----	10.6	6.5	4.2	8.2	5.0	3.2	31.79
(107, 104)	2	SOV	---	---	0	657.7	-----	11.4	6.3	5.1	8.8	4.9	3.9	29.66
(110, 109)	1	SOV	---	---	0	1507.9	-----	2.4	2.4	0.1	1.9	1.8	0.1	51.84
(110, 109)	2	SOV	---	---	0	635.0	-----	2.3	2.2	0.1	1.8	1.7	0.0	55.67
(96, 110)	1	SOV	---	---	1	1566.9	-----	1.8	1.7	0.1	1.4	1.3	0.1	52.02
(96, 110)	2	SOV	---	---	0	574.7	-----	1.6	1.6	0.0	1.3	1.2	0.0	55.77
(127, 97)	1	SOV	---	---	5	484.3	-----	11.4	7.8	3.6	8.8	6.0	2.8	35.53
(127, 97)	2	SOV	---	---	2	57.6	-----	22.5	8.0	14.5	17.4	6.2	11.2	17.95

(96, 128)	1	SOV	---	---	6	1099.2	-----	16.7	15.9	0.8	12.9	12.2	0.6	61.30
(96, 128)	2	SOV	---	---	7	1460.8	-----	17.0	16.2	0.8	13.1	12.5	0.6	60.27
(96, 128)	3	SOV	---	---	6	1387.5	-----	16.1	15.6	0.5	12.4	12.0	0.4	63.41
(96, 128)	4	SOV	---	---	4	1048.7	-----	16.4	15.8	0.6	12.6	12.1	0.5	62.34
(96, 128)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(128, 129)	1	SOV	---	---	1	229.7	-----	11.7	11.1	0.6	9.0	8.6	0.4	52.92
(128, 129)	2	SOV	---	---	2	450.1	-----	11.7	11.2	0.5	9.0	8.7	0.4	52.71
(132, 130)	1	SOV	---	---	6	1721.9	-----	9.5	8.3	1.2	7.3	6.4	0.9	56.31
(132, 130)	2	SOV	---	---	10	1911.4	-----	8.7	8.2	0.5	6.7	6.3	0.4	61.45
(132, 130)	3	SOV	---	---	6	1761.1	-----	8.6	8.2	0.4	6.6	6.3	0.3	62.40
(132, 130)	4	SOV	---	---	7	1531.0	-----	8.8	8.3	0.5	6.8	6.4	0.4	60.82
(132, 130)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(132, 130)	9	SOV	---	---	2	45.1	-----	12.8	9.8	2.9	9.9	7.6	2.3	41.90
(131, 130)	1	SOV	---	---	1	151.9	-----	3.1	2.9	0.2	2.4	2.2	0.1	50.62
(151, 132)	1	SOV	---	---	5	1372.7	-----	16.9	15.9	1.0	13.1	12.3	0.7	60.24
(151, 132)	2	SOV	---	---	10	1900.5	-----	16.4	15.6	0.8	12.7	12.0	0.6	62.04
(151, 132)	3	SOV	---	---	9	1719.8	-----	16.3	15.6	0.7	12.6	12.0	0.5	62.47
(151, 132)	4	SOV	---	---	12	1527.2	-----	16.8	15.8	1.0	12.9	12.2	0.7	60.65
(151, 132)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(105, 137)	1	SOV	---	---	7	1444.6	-----	14.0	13.1	1.0	10.9	10.1	0.7	59.74
(105, 137)	2	SOV	---	---	9	1902.1	-----	13.7	13.1	0.7	10.6	10.1	0.5	60.98
(105, 137)	3	SOV	---	---	4	1422.2	-----	13.1	12.7	0.4	10.1	9.8	0.3	64.07
(105, 137)	4	SOV	---	---	1	898.2	-----	13.0	12.7	0.3	10.0	9.8	0.3	64.32
(105, 137)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(98, 138)	1	SOV	---	---	0	1427.9	-----	6.8	6.4	0.4	5.2	4.9	0.3	51.68
(98, 138)	2	SOV	---	---	0	0.1	-----	7.4	-1.6	9.0	5.7	-1.3	7.0	47.28
(138, 139)	1	SOV	---	---	0	1343.7	-----	2.6	2.5	0.1	2.0	1.9	0.1	52.61
(138, 139)	2	SOV	---	---	0	84.5	-----	2.6	2.3	0.3	2.0	1.8	0.3	51.93
(141, 140)	1	SOV	---	---	0	233.1	-----	10.9	5.9	5.0	8.4	4.6	3.9	26.41
(141, 140)	2	SOV	---	---	0	1198.1	-----	7.3	5.2	2.1	5.6	4.0	1.6	39.53
(140, 101)	1	SOV	---	---	0	1382.2	-----	10.9	9.3	1.6	8.4	7.2	1.3	46.71
(140, 101)	2	SOV	---	---	0	60.8	-----	11.9	11.9	0.0	9.2	9.2	0.0	42.83
(105, 143)	1	SOV	---	---	1	1191.1	-----	4.1	3.8	0.2	3.1	3.0	0.2	52.07
(7005, 127)	1	SOV	---	---	1	428.9	-----	2.9	1.3	1.5	2.2	1.0	1.2	24.58
(7005, 127)	2	SOV	---	---	1	223.4	-----	2.2	1.4	0.8	1.7	1.1	0.6	32.38

(129,7006)	1	SOV	---	---	0	100.0	-----	4.1	3.3	0.8	3.2	2.6	0.6	38.79
(129,7006)	2	SOV	---	---	0	579.9	-----	3.8	3.4	0.4	2.9	2.6	0.3	42.37
(147, 148)	1	SOV	---	---	1	710.8	-----	6.0	5.7	0.4	4.6	4.4	0.3	47.03
(148, 137)	1	SOV	---	---	1	709.6	-----	4.1	3.9	0.3	3.2	3.0	0.2	50.29
(163, 149)	1	SOV	---	---	36	1734.7	-----	35.5	32.8	2.7	27.6	25.5	2.1	60.41
(163, 149)	2	SOV	---	---	21	1846.7	-----	34.5	33.0	1.5	26.7	25.6	1.1	62.22
(163, 149)	3	SOV	---	---	17	1707.8	-----	34.1	33.0	1.1	26.4	25.5	0.9	62.94
(163, 149)	4	SOV	---	---	18	1776.5	-----	34.3	33.2	1.1	26.4	25.5	0.8	62.59
(163, 149)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(311, 150)	1	SOV	---	---	11	2516.7	-----	9.7	8.3	1.4	7.5	6.4	1.1	54.80
(311, 150)	2	SOV	---	---	5	1829.7	-----	8.8	8.2	0.6	6.8	6.3	0.5	60.82
(311, 150)	3	SOV	---	---	3	1638.4	-----	8.5	8.2	0.3	6.6	6.3	0.3	62.62
(311, 150)	4	SOV	---	---	2	1546.6	-----	8.7	8.3	0.5	6.7	6.4	0.3	61.04
(311, 150)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(152, 153)	1	SOV	---	---	2	836.3	-----	2.6	2.3	0.3	2.0	1.7	0.2	53.00
(152, 153)	2	SOV	---	---	0	2073.2	-----	2.4	2.1	0.3	1.9	1.6	0.3	56.54
(152, 153)	3	SOV	---	---	1	1381.9	-----	2.2	2.1	0.2	1.7	1.6	0.1	61.37
(152, 153)	4	HOV	0	1107	0	803.5	803.5	2.2	2.1	0.1	1.7	1.6	0.1	62.18
(152, 153)	9	SOV	---	---	1	2044.3	-----	2.3	2.1	0.2	1.8	1.6	0.2	58.36
(130, 152)	1	SOV	---	---	7	1794.7	-----	15.1	13.7	1.3	11.7	10.6	1.0	58.74
(130, 152)	2	SOV	---	---	12	2240.0	-----	15.0	13.7	1.3	11.6	10.6	1.0	59.05
(130, 152)	3	SOV	---	---	5	1695.0	-----	14.3	13.6	0.7	11.0	10.5	0.6	62.14
(130, 152)	4	SOV	---	---	4	1390.7	-----	14.5	13.8	0.7	11.2	10.6	0.6	61.10
(130, 152)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(130, 152)	9	SOV	---	---	0	8.0	-----	18.4	3.6	14.9	14.2	2.7	11.4	48.13
(100, 154)	1	SOV	---	---	4	600.2	-----	17.3	17.2	0.1	13.5	13.4	0.1	65.28
(100, 154)	2	SOV	---	---	6	1204.2	-----	17.7	17.5	0.2	13.7	13.5	0.2	63.87
(100, 154)	3	SOV	---	---	7	956.3	-----	17.5	17.3	0.2	13.6	13.4	0.2	64.62
(100, 154)	4	SOV	---	---	5	1180.9	-----	17.7	17.5	0.2	13.6	13.4	0.2	63.94
(100, 154)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(101, 155)	1	SOV	---	---	4	1744.0	-----	16.1	13.6	2.5	12.4	10.5	1.9	55.11
(101, 155)	2	SOV	---	---	3	1328.7	-----	14.5	13.7	0.8	11.2	10.6	0.6	61.14
(101, 155)	3	SOV	---	---	4	1141.4	-----	13.9	13.5	0.4	10.8	10.4	0.3	63.85
(101, 155)	4	SOV	---	---	3	1045.9	-----	14.3	13.8	0.5	11.0	10.6	0.4	62.14
(101, 155)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(101, 155)	9	SOV	---	---	0	78.1	-----	21.5	16.6	4.9	16.7	12.8	3.8	41.20
(155, 156)	1	SOV	---	---	2	1908.5	-----	2.3	2.1	0.2	1.8	1.6	0.1	59.89

(155, 156)	2	SOV	---	---	3	1461.0	-----	2.2	2.1	0.1	1.7	1.6	0.1	62.30
(155, 156)	3	SOV	---	---	0	1132.8	-----	2.1	2.1	0.1	1.7	1.6	0.1	63.70
(155, 156)	4	SOV	---	---	1	843.7	-----	2.2	2.1	0.1	1.7	1.6	0.0	62.35
(155, 156)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(104, 157)	1	SOV	---	---	6	2459.9	-----	23.7	15.8	7.8	18.3	12.2	6.1	43.19
(104, 157)	2	SOV	---	---	6	1984.6	-----	18.2	15.8	2.4	14.1	12.3	1.8	56.13
(104, 157)	3	SOV	---	---	6	1387.1	-----	16.3	15.5	0.8	12.6	11.9	0.6	62.78
(104, 157)	4	SOV	---	---	5	865.1	-----	16.3	15.8	0.5	12.5	12.1	0.4	62.73
(104, 157)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(104, 157)	9	SOV	---	---	0	160.7	-----	29.2	25.7	3.5	22.6	19.9	2.7	35.05
(157, 158)	1	SOV	---	---	0	2963.1	-----	2.5	2.1	0.4	1.9	1.6	0.3	54.28
(157, 158)	2	SOV	---	---	0	1877.0	-----	2.3	2.1	0.2	1.8	1.6	0.1	59.68
(157, 158)	3	SOV	---	---	1	1263.1	-----	2.1	2.1	0.1	1.7	1.6	0.1	63.63
(157, 158)	4	SOV	---	---	0	762.0	-----	2.1	2.1	0.1	1.7	1.6	0.0	63.43
(157, 158)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(137, 159)	1	SOV	---	---	17	2744.0	-----	14.3	9.8	4.5	11.1	7.6	3.5	44.39
(137, 159)	2	SOV	---	---	6	1688.4	-----	11.1	9.8	1.2	8.6	7.6	1.0	57.36
(137, 159)	3	SOV	---	---	2	1142.6	-----	10.0	9.6	0.4	7.7	7.4	0.3	63.64
(137, 159)	4	SOV	---	---	2	681.6	-----	9.8	9.6	0.2	7.6	7.4	0.2	64.64
(137, 159)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(137, 159)	9	SOV	---	---	0	106.9	-----	17.1	13.6	3.5	13.2	10.5	2.7	37.29
(150, 151)	1	SOV	---	---	7	2416.8	-----	8.7	7.7	0.9	6.7	6.0	0.7	56.53
(150, 151)	2	SOV	---	---	7	1894.5	-----	8.0	7.5	0.5	6.2	5.8	0.4	61.56
(150, 151)	3	SOV	---	---	5	1669.8	-----	7.8	7.5	0.3	6.0	5.8	0.2	62.58
(150, 151)	4	SOV	---	---	5	1543.9	-----	8.1	7.6	0.4	6.2	5.9	0.3	60.77
(150, 151)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(325, 95)	1	SOV	---	---	15	1312.1	-----	36.8	34.9	1.9	28.5	27.0	1.5	60.75
(325, 95)	2	SOV	---	---	13	1343.9	-----	36.6	35.0	1.6	28.3	27.1	1.2	61.07
(325, 95)	3	SOV	---	---	16	1251.4	-----	35.3	34.3	1.0	27.2	26.5	0.7	63.29
(325, 95)	4	SOV	---	---	15	1097.9	-----	34.6	33.4	1.2	26.6	25.7	0.9	64.52
(325, 95)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(102, 160)	1	SOV	---	---	2	1011.4	-----	5.5	5.2	0.2	4.2	4.0	0.2	52.38
(102, 160)	2	SOV	---	---	0	2.0	-----	5.8	3.7	2.2	4.5	2.9	1.7	48.96
(98, 99)	1	SOV	---	---	1	714.3	-----	24.5	23.6	0.9	18.9	18.2	0.7	62.48
(98, 99)	2	SOV	---	---	3	966.3	-----	24.7	24.0	0.7	19.2	18.6	0.6	61.86
(98, 99)	3	SOV	---	---	6	970.8	-----	24.0	23.5	0.5	18.5	18.2	0.4	63.65
(98, 99)	4	SOV	---	---	5	773.3	-----	24.2	23.4	0.7	18.6	18.0	0.5	63.35
(98, 99)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(99, 164)	1	SOV	---	---	3	752.8	-----	16.0	15.6	0.4	12.3	12.0	0.3	63.21

(99, 164)	2	SOV	---	---	5	932.0	-----	16.4	15.9	0.5	12.7	12.3	0.4	61.65
(99, 164)	3	SOV	---	---	4	978.7	-----	15.9	15.6	0.3	12.3	12.0	0.3	63.58
(99, 164)	4	SOV	---	---	5	771.6	-----	16.0	15.5	0.5	12.3	11.9	0.4	63.23
(99, 164)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(295, 200)	1	SOV	---	---	2	715.9	-----	8.3	8.2	0.1	6.4	6.4	0.0	48.12
(295, 200)	2	SOV	---	---	1	694.3	-----	8.4	8.3	0.1	6.5	6.4	0.0	47.73
(295, 200)	9	SOV	---	---	0	158.2	-----	8.7	8.6	0.1	6.7	6.6	0.1	45.89
(203, 201)	1	SOV	---	---	0	864.8	-----	1.8	1.7	0.0	1.4	1.3	0.0	63.54
(203, 201)	2	SOV	---	---	0	876.9	-----	1.8	1.7	0.0	1.4	1.3	0.0	63.12
(200, 199)	1	SOV	---	---	2	587.0	-----	6.7	6.6	0.1	5.1	5.1	0.0	44.64
(200, 199)	2	SOV	---	---	1	686.5	-----	6.7	6.6	0.1	5.2	5.1	0.0	44.41
(179, 178)	1	SOV	---	---	1	1416.7	-----	6.5	6.1	0.4	5.0	4.7	0.3	52.25
(179, 178)	2	SOV	---	---	1	1408.1	-----	6.5	6.1	0.4	5.1	4.7	0.3	52.13
(180, 179)	1	SOV	---	---	7	1415.0	-----	13.1	12.4	0.7	10.1	9.6	0.5	52.13
(180, 179)	2	SOV	---	---	10	1410.9	-----	13.1	12.4	0.7	10.1	9.6	0.5	52.15
(180, 179)	9	SOV	---	---	0	7.2	-----	13.6	12.2	1.4	10.5	9.4	1.1	50.30
(181, 180)	1	SOV	---	---	0	1312.6	-----	6.4	6.2	0.3	5.0	4.8	0.2	52.58
(181, 180)	2	SOV	---	---	1	1425.5	-----	6.5	6.2	0.3	5.0	4.8	0.2	52.26
(199, 198)	1	SOV	---	---	3	569.4	-----	8.4	8.2	0.2	6.5	6.3	0.1	44.63
(199, 198)	2	SOV	---	---	3	703.6	-----	8.5	8.3	0.2	6.5	6.4	0.1	44.19
(198, 197)	1	SOV	---	---	1	840.7	-----	15.9	15.0	0.9	12.3	11.6	0.7	51.86
(198, 197)	2	SOV	---	---	4	770.6	-----	15.9	15.2	0.7	12.3	11.7	0.5	52.04
(198, 197)	9	SOV	---	---	0	13.1	-----	19.1	17.8	1.3	14.8	13.8	1.0	43.31
(197, 196)	1	SOV	---	---	4	1225.5	-----	19.8	18.7	1.1	15.3	14.4	0.8	51.72
(197, 196)	2	SOV	---	---	5	917.6	-----	19.1	18.6	0.5	14.8	14.3	0.4	53.57
(197, 196)	9	SOV	---	---	0	21.2	-----	24.4	21.2	3.2	19.0	16.5	2.5	41.92
(196, 195)	1	SOV	---	---	7	1122.5	-----	33.6	32.3	1.3	26.0	25.0	1.0	52.38
(196, 195)	2	SOV	---	---	8	1047.9	-----	32.9	31.8	1.1	25.5	24.6	0.9	53.41
(182, 181)	1	SOV	---	---	5	1260.4	-----	22.1	21.3	0.8	17.1	16.4	0.6	52.75
(182, 181)	2	SOV	---	---	11	1471.9	-----	22.2	21.1	1.0	17.1	16.3	0.8	52.56
(183, 182)	1	SOV	---	---	13	2158.0	-----	20.1	18.7	1.4	15.5	14.5	1.1	50.91
(183, 182)	2	SOV	---	---	9	1538.1	-----	19.3	18.5	0.8	14.9	14.3	0.6	52.97
(184, 183)	1	SOV	---	---	16	1978.5	-----	24.8	23.9	0.9	19.1	18.4	0.7	52.84
(184, 183)	2	SOV	---	---	13	1755.0	-----	24.4	23.7	0.7	18.8	18.3	0.5	53.65

(205, 204)	1	SOV	---	---	1	541.1	-----	2.9	2.8	0.1	2.2	2.2	0.1	43.33
(204, 197)	1	SOV	---	---	4	539.2	-----	4.8	4.7	0.1	3.7	3.6	0.1	43.51
(182, 193)	1	SOV	---	---	1	472.8	-----	7.5	6.4	1.2	5.8	4.9	0.9	53.35
(182, 193)	2	SOV	---	---	0	489.9	-----	6.8	6.2	0.7	5.3	4.8	0.5	58.61
(193, 194)	1	SOV	---	---	0	189.4	-----	4.4	3.8	0.6	3.4	2.9	0.5	59.66
(193, 194)	2	SOV	---	---	4	772.4	-----	4.3	4.1	0.3	3.3	3.1	0.2	60.15
(193, 194)	3	SOV	---	---	0	0.1	-----	4.9	-2.9	7.8	3.7	-2.3	6.0	53.39
(208, 209)	1	SOV	---	---	0	99.0	-----	6.5	6.2	0.3	5.0	4.8	0.2	47.76
(207, 198)	1	SOV	---	---	0	351.0	-----	5.3	5.1	0.2	4.1	3.9	0.2	42.72
(206, 207)	1	SOV	---	---	0	351.0	-----	2.8	2.6	0.2	2.2	2.0	0.2	36.68
(200, 210)	1	SOV	---	---	1	294.9	-----	4.2	4.1	0.1	3.2	3.2	0.0	44.51
(210, 211)	1	SOV	---	---	0	294.0	-----	3.6	3.6	0.0	2.8	2.8	0.0	40.86
(178, 202)	1	SOV	---	---	1	1427.9	-----	2.0	1.7	0.3	1.5	1.3	0.2	53.02
(178, 202)	2	SOV	---	---	0	1401.6	-----	2.0	1.7	0.3	1.5	1.3	0.2	53.04
(139,7009)	1	SOV	---	---	1	1282.4	-----	2.2	2.1	0.1	1.7	1.6	0.1	52.49
(139,7009)	2	SOV	---	---	1	146.8	-----	2.1	2.0	0.1	1.6	1.5	0.1	54.81
(7010, 141)	1	SOV	---	---	0	765.4	-----	6.5	5.3	1.2	5.0	4.1	0.9	45.68
(7010, 141)	2	SOV	---	---	0	740.9	-----	6.3	5.3	1.0	4.9	4.1	0.8	46.71
(211,7011)	1	SOV	---	---	1	293.9	-----	4.8	4.6	0.2	3.7	3.6	0.2	33.84
(7012, 206)	1	SOV	---	---	1	411.2	-----	2.3	2.1	0.2	1.8	1.7	0.2	33.02
(7014, 205)	1	SOV	---	---	0	583.1	-----	4.1	3.7	0.4	3.2	2.9	0.3	41.30
(194,7015)	1	SOV	---	---	0	211.0	-----	2.0	1.8	0.3	1.6	1.4	0.2	57.18
(194,7015)	2	SOV	---	---	0	749.0	-----	2.1	1.9	0.2	1.6	1.4	0.2	55.62
(194,7015)	3	SOV	---	---	0	2.0	-----	2.3	2.0	0.3	1.8	1.5	0.2	50.59
(201, 295)	1	SOV	---	---	2	781.8	-----	8.8	8.8	0.0	6.8	6.8	0.0	57.52
(201, 295)	2	SOV	---	---	3	786.8	-----	8.9	8.8	0.0	6.9	6.8	0.0	57.21
(149, 298)	1	SOV	---	---	61	2095.3	-----	28.5	16.6	11.9	22.1	12.9	9.3	35.87
(149, 298)	2	SOV	---	---	21	1648.5	-----	19.0	15.8	3.1	14.7	12.3	2.4	53.89
(149, 298)	3	SOV	---	---	11	1610.7	-----	16.6	15.7	0.9	12.9	12.1	0.7	61.58

(149, 298)	4	SOV	---	---	10	1533.2	-----	16.6	15.8	0.8	12.8	12.2	0.6	61.48
(149, 298)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(533, 299)	1	SOV	---	---	17	816.0	-----	52.8	20.0	32.8	41.1	15.6	25.6	7.16
(533, 299)	2	SOV	---	---	12	1672.0	-----	16.7	5.8	10.9	13.0	4.5	8.5	22.68
(533, 299)	3	SOV	---	---	8	1926.7	-----	8.6	5.8	2.9	6.7	4.5	2.2	43.78
(533, 299)	4	SOV	---	---	7	1753.9	-----	7.0	5.8	1.2	5.4	4.5	0.9	54.31
(533, 299)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(533, 299)	9	SOV	---	---	3	130.3	-----	96.8	46.2	50.6	74.9	35.8	39.1	3.91
(299, 300)	1	SOV	---	---	63	1177.7	-----	117.3	30.5	86.8	90.8	23.6	67.2	8.72
(299, 300)	2	SOV	---	---	43	1690.4	-----	53.9	16.1	37.8	42.1	12.6	29.5	18.98
(299, 300)	3	SOV	---	---	50	2016.3	-----	33.0	15.7	17.3	25.5	12.1	13.4	30.99
(299, 300)	4	SOV	---	---	36	2048.8	-----	23.4	15.6	7.8	18.0	12.0	6.0	43.64
(299, 300)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(299, 300)	9	SOV	---	---	2	41.0	-----	215.8	100.1	115.7	166.3	77.2	89.2	4.74
(300, 301)	1	SOV	---	---	98	932.1	-----	290.5	79.8	210.7	225.3	61.9	163.4	6.09
(300, 301)	2	SOV	---	---	68	1301.4	-----	150.8	36.1	114.8	118.0	28.2	89.7	11.73
(300, 301)	3	SOV	---	---	71	1993.7	-----	81.6	27.6	54.0	63.1	21.3	41.8	21.69
(300, 301)	4	SOV	---	---	55	2436.5	-----	49.6	27.1	22.5	38.2	20.9	17.3	35.66
(300, 301)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(301, 302)	1	SOV	---	---	31	1071.5	-----	107.3	27.7	79.6	83.3	21.5	61.8	6.99
(301, 302)	2	SOV	---	---	20	946.7	-----	69.8	22.4	47.4	54.5	17.5	37.0	10.74
(301, 302)	3	SOV	---	---	16	1883.6	-----	29.4	12.3	17.1	22.8	9.5	13.3	25.47
(301, 302)	4	SOV	---	---	16	2487.6	-----	19.2	11.7	7.5	14.8	9.0	5.8	39.01
(301, 302)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(302, 303)	1	SOV	---	---	69	1232.5	-----	128.2	24.9	103.3	99.5	19.3	80.2	7.98
(302, 303)	2	SOV	---	---	41	947.2	-----	120.0	18.8	101.2	94.1	14.8	79.4	8.52
(302, 303)	3	SOV	---	---	53	1784.5	-----	56.6	15.9	40.7	43.8	12.3	31.5	18.06
(302, 303)	4	SOV	---	---	35	2627.8	-----	26.5	15.6	10.9	20.4	12.0	8.3	38.61
(302, 303)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(303, 304)	1	SOV	---	---	34	533.9	-----	168.2	35.4	132.8	130.8	27.5	103.3	3.21
(303, 304)	2	SOV	---	---	18	707.4	-----	111.0	20.6	90.4	87.0	16.2	70.9	4.86
(303, 304)	3	SOV	---	---	21	1632.2	-----	42.9	10.1	32.8	33.2	7.8	25.4	12.57
(303, 304)	4	SOV	---	---	19	2792.0	-----	15.8	8.3	7.5	12.2	6.4	5.8	34.12
(303, 304)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(304, 305)	1	SOV	---	---	55	1261.6	-----	137.8	21.2	116.6	106.7	16.5	90.3	7.42
(304, 305)	2	SOV	---	---	9	785.9	-----	59.6	20.7	38.9	46.6	16.2	30.4	17.17
(304, 305)	3	SOV	---	---	8	1470.9	-----	27.7	16.3	11.4	21.4	12.6	8.8	36.97
(304, 305)	4	SOV	---	---	15	2210.2	-----	20.0	15.9	4.1	15.4	12.2	3.2	51.14
(304, 305)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(305, 306)	1	SOV	---	---	23	2296.9	-----	34.6	10.3	24.3	26.7	7.9	18.8	18.27
(305, 306)	2	SOV	---	---	3	975.6	-----	14.1	9.7	4.4	11.0	7.6	3.4	44.81
(305, 306)	3	SOV	---	---	4	1489.6	-----	10.7	9.8	0.9	8.3	7.6	0.7	58.99
(305, 306)	4	SOV	---	---	6	2133.1	-----	10.2	9.7	0.5	7.9	7.5	0.4	61.60
(305, 306)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(305, 306)	9	SOV	---	---	6	538.2	-----	29.2	21.4	7.8	22.5	16.5	6.0	21.63
(306, 307)	1	SOV	---	---	5	545.3	-----	32.1	30.4	1.7	24.8	23.5	1.3	61.42
(306, 307)	2	SOV	---	---	9	1095.9	-----	32.8	30.3	2.5	25.6	23.6	1.9	60.12
(306, 307)	3	SOV	---	---	9	1582.6	-----	31.9	30.5	1.5	24.7	23.5	1.1	61.73
(306, 307)	4	SOV	---	---	7	1984.8	-----	32.3	30.5	1.9	24.9	23.4	1.4	60.94
(306, 307)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(307, 310)	1	SOV	---	---	1	994.5	-----	9.9	8.8	1.1	7.7	6.8	0.9	58.00
(307, 310)	2	SOV	---	---	4	1277.6	-----	9.3	8.8	0.5	7.2	6.8	0.4	61.80
(307, 310)	3	SOV	---	---	4	1615.2	-----	9.3	8.9	0.4	7.2	6.9	0.3	61.93
(307, 310)	4	SOV	---	---	9	1835.5	-----	9.5	8.9	0.6	7.3	6.9	0.5	60.38
(307, 310)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(307, 310)	9	SOV	---	---	0	39.9	-----	12.6	10.0	2.6	9.8	7.8	2.0	45.66
(310, 311)	1	SOV	---	---	20	2492.1	-----	22.1	15.8	6.3	17.0	12.2	4.8	46.36
(310, 311)	2	SOV	---	---	10	1674.8	-----	17.6	15.6	2.0	13.7	12.1	1.6	57.98
(310, 311)	3	SOV	---	---	3	1610.9	-----	16.6	15.7	0.9	12.8	12.2	0.7	61.57
(310, 311)	4	SOV	---	---	3	1635.0	-----	16.8	15.9	0.9	13.0	12.2	0.7	60.72
(310, 311)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(310, 311)	9	SOV	---	---	2	119.5	-----	28.8	23.3	5.5	22.3	18.1	4.2	35.52
(159, 312)	1	SOV	---	---	8	2832.0	-----	7.6	6.0	1.6	5.9	4.7	1.2	50.90
(159, 312)	2	SOV	---	---	4	1594.6	-----	6.6	6.1	0.6	5.1	4.7	0.4	58.49
(159, 312)	3	SOV	---	---	1	1213.4	-----	6.1	5.9	0.2	4.7	4.5	0.2	63.59
(159, 312)	4	SOV	---	---	1	724.8	-----	6.0	5.8	0.1	4.6	4.5	0.1	64.72
(159, 312)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(312, 313)	1	SOV	---	---	10	2723.5	-----	11.5	10.1	1.4	8.9	7.8	1.1	55.26
(312, 313)	2	SOV	---	---	4	1614.1	-----	10.5	9.9	0.5	8.1	7.7	0.4	60.72
(312, 313)	3	SOV	---	---	4	1257.5	-----	9.9	9.7	0.3	7.6	7.4	0.2	64.19
(312, 313)	4	SOV	---	---	1	764.7	-----	9.8	9.6	0.2	7.6	7.4	0.2	64.80
(312, 313)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(313, 314)	1	SOV	---	---	15	939.2	-----	41.9	39.4	2.6	32.5	30.5	2.0	60.42
(313, 314)	2	SOV	---	---	18	1485.6	-----	41.4	39.8	1.6	32.0	30.8	1.3	61.10
(313, 314)	3	SOV	---	---	19	1266.1	-----	39.4	38.5	1.0	30.4	29.7	0.8	64.20
(313, 314)	4	SOV	---	---	12	854.9	-----	39.1	38.0	1.0	30.1	29.2	0.8	64.83
(313, 314)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(314, 315)	1	SOV	---	---	8	2092.7	-----	9.5	3.9	5.6	7.3	3.0	4.3	27.47
(314, 315)	2	SOV	---	---	4	1741.8	-----	5.0	4.0	1.0	3.9	3.1	0.8	52.09

(314, 315)	3	SOV	---	---	1	1128.4	-----	4.1	3.9	0.2	3.2	3.0	0.1	63.05
(314, 315)	4	SOV	---	---	0	735.9	-----	4.0	3.9	0.1	3.1	3.0	0.1	65.10
(314, 315)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(314, 315)	9	SOV	---	---	4	388.0	-----	13.7	8.3	5.4	10.7	6.5	4.2	18.91
(555, 316)	1	SOV	---	---	6	2403.2	-----	9.5	8.1	1.4	7.3	6.2	1.1	54.15
(555, 316)	2	SOV	---	---	3	1728.2	-----	8.8	8.1	0.7	6.8	6.3	0.5	58.64
(555, 316)	3	SOV	---	---	4	1490.6	-----	8.1	7.9	0.3	6.3	6.1	0.2	63.03
(555, 316)	4	SOV	---	---	1	980.6	-----	7.9	7.7	0.2	6.1	5.9	0.2	65.06
(555, 316)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(316, 317)	1	SOV	---	---	6	1217.9	-----	19.5	18.4	1.2	15.1	14.2	0.9	61.00
(316, 317)	2	SOV	---	---	5	1610.1	-----	19.8	18.8	1.0	15.3	14.6	0.7	60.23
(316, 317)	3	SOV	---	---	9	1478.3	-----	18.8	18.3	0.5	14.5	14.1	0.4	63.34
(316, 317)	4	SOV	---	---	7	1065.2	-----	18.2	17.7	0.5	14.0	13.6	0.4	65.27
(316, 317)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(317, 318)	1	SOV	---	---	5	1242.0	-----	16.6	15.7	0.9	12.8	12.2	0.7	61.66
(317, 318)	2	SOV	---	---	6	1522.4	-----	17.0	16.2	0.8	13.1	12.5	0.6	60.32
(317, 318)	3	SOV	---	---	5	1469.8	-----	16.2	15.7	0.5	12.5	12.1	0.3	63.12
(317, 318)	4	SOV	---	---	5	1139.4	-----	15.7	15.2	0.5	12.1	11.7	0.4	64.99
(317, 318)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(318, 319)	1	SOV	---	---	6	1758.0	-----	17.9	15.8	2.2	13.9	12.2	1.7	57.02
(318, 319)	2	SOV	---	---	5	1593.8	-----	17.1	16.1	1.0	13.2	12.5	0.7	59.82
(318, 319)	3	SOV	---	---	6	1482.9	-----	16.3	15.8	0.5	12.5	12.1	0.4	62.86
(318, 319)	4	SOV	---	---	6	1213.2	-----	15.8	15.2	0.6	12.2	11.7	0.5	64.63
(318, 319)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(318, 319)	9	SOV	---	---	1	38.6	-----	22.6	18.3	4.2	17.5	14.2	3.3	45.32
(319, 320)	1	SOV	---	---	5	1729.3	-----	8.3	7.8	0.5	6.4	6.0	0.4	60.56
(319, 320)	2	SOV	---	---	4	1612.9	-----	8.3	7.9	0.4	6.4	6.1	0.3	60.67
(319, 320)	3	SOV	---	---	3	1488.8	-----	8.0	7.7	0.2	6.1	5.9	0.2	62.90
(319, 320)	4	SOV	---	---	6	1256.4	-----	7.8	7.5	0.3	6.0	5.7	0.2	64.45
(319, 320)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(320, 321)	1	SOV	---	---	14	2177.7	-----	19.8	17.5	2.3	15.4	13.6	1.8	57.31
(320, 321)	2	SOV	---	---	10	1492.3	-----	18.8	17.9	0.9	14.5	13.8	0.7	60.61
(320, 321)	3	SOV	---	---	8	1322.3	-----	18.0	17.5	0.5	13.9	13.5	0.4	63.13
(320, 321)	4	SOV	---	---	6	1087.1	-----	17.6	17.0	0.6	13.5	13.1	0.5	64.66
(320, 321)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(321, 322)	1	SOV	---	---	12	1971.4	-----	17.6	16.1	1.5	13.6	12.5	1.1	58.22
(321, 322)	2	SOV	---	---	4	1398.4	-----	16.7	16.0	0.7	12.9	12.4	0.5	61.36
(321, 322)	3	SOV	---	---	5	1196.7	-----	16.1	15.7	0.4	12.4	12.1	0.3	63.49
(321, 322)	4	SOV	---	---	5	961.0	-----	15.8	15.3	0.5	12.1	11.7	0.4	64.86
(321, 322)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(321, 322)	9	SOV	---	---	3	546.0	-----	17.2	16.6	0.7	13.3	12.8	0.5	59.29
(322, 323)	1	SOV	---	---	7	1035.4	-----	19.8	18.9	0.9	15.3	14.6	0.7	61.06
(322, 323)	2	SOV	---	---	10	1350.3	-----	19.7	18.9	0.8	15.2	14.6	0.6	61.36
(322, 323)	3	SOV	---	---	5	1244.5	-----	19.0	18.5	0.5	14.7	14.3	0.4	63.44
(322, 323)	4	SOV	---	---	8	981.0	-----	18.7	18.0	0.6	14.4	13.9	0.5	64.68
(322, 323)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(323, 324)	1	SOV	---	---	8	1197.3	-----	10.1	9.5	0.6	7.8	7.4	0.4	60.58
(323, 324)	2	SOV	---	---	3	1318.5	-----	10.0	9.6	0.4	7.7	7.4	0.3	61.10
(323, 324)	3	SOV	---	---	3	1258.4	-----	9.6	9.4	0.3	7.4	7.2	0.2	63.40
(323, 324)	4	SOV	---	---	2	1020.8	-----	9.4	9.1	0.3	7.3	7.0	0.3	64.51
(323, 324)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(323, 324)	9	SOV	---	---	0	13.0	-----	12.1	10.7	1.5	9.4	8.2	1.1	50.21
(324, 325)	1	SOV	---	---	10	1342.9	-----	16.9	15.9	1.0	13.1	12.4	0.8	60.38
(324, 325)	2	SOV	---	---	6	1347.6	-----	16.7	16.0	0.7	13.0	12.4	0.6	61.11
(324, 325)	3	SOV	---	---	5	1263.2	-----	16.2	15.7	0.4	12.4	12.1	0.3	63.28
(324, 325)	4	SOV	---	---	3	1052.5	-----	15.8	15.3	0.5	12.2	11.8	0.4	64.53
(324, 325)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(324, 325)	9	SOV	---	---	0	10.0	-----	20.9	17.0	4.0	16.2	13.1	3.1	48.84
(7023, 147)	1	SOV	---	---	0	782.3	-----	3.4	2.8	0.6	2.6	2.1	0.5	37.61
(143,7025)	1	SOV	---	---	1	1191.0	-----	2.2	2.0	0.2	1.7	1.6	0.1	47.11
(144, 131)	1	SOV	---	---	0	152.0	-----	2.1	2.0	0.1	1.6	1.5	0.1	48.87
(7022, 144)	1	SOV	---	---	0	168.3	-----	2.6	2.3	0.2	2.0	1.8	0.2	44.74
(347, 348)	1	SOV	---	---	0	262.3	-----	3.0	2.9	0.1	2.3	2.2	0.1	50.28
(347, 348)	6	SOV	---	---	1	1544.9	-----	2.9	2.9	0.1	2.3	2.2	0.0	50.68
(348, 349)	1	SOV	---	---	2	545.4	-----	4.6	4.6	0.1	3.6	3.5	0.1	49.77
(348, 349)	6	SOV	---	---	0	1260.9	-----	4.8	4.7	0.1	3.7	3.6	0.1	48.27
(560, 370)	1	SOV	---	---	2	1772.6	-----	4.8	4.4	0.4	3.7	3.4	0.3	58.49
(560, 370)	2	SOV	---	---	3	1312.0	-----	4.5	4.3	0.3	3.5	3.3	0.2	61.15
(560, 370)	3	SOV	---	---	2	1295.6	-----	4.5	4.3	0.2	3.5	3.3	0.2	61.63
(560, 370)	4	HOV	4	4	0	4.0	4.0	4.3	4.3	0.0	3.3	3.3	0.0	64.61
(370, 371)	1	SOV	---	---	3	1284.3	-----	19.8	18.9	0.9	15.3	14.6	0.7	61.62
(370, 371)	2	SOV	---	---	3	1352.2	-----	19.4	18.7	0.7	15.0	14.5	0.5	62.98
(370, 371)	3	SOV	---	---	14	1276.1	-----	19.7	18.8	0.8	15.2	14.5	0.6	62.14
(370, 371)	4	HOV	4	4	0	4.0	4.0	18.9	18.9	0.0	14.5	14.5	0.0	64.69
(371, 372)	1	SOV	---	---	7	1232.1	-----	16.4	15.5	0.9	12.7	12.0	0.7	61.06

(371, 372)	2	SOV	---	---	6	1455.6	-----	16.0	15.4	0.6	12.3	11.9	0.5	62.83
(371, 372)	3	SOV	---	---	3	1226.8	-----	16.2	15.5	0.7	12.5	12.0	0.5	62.00
(371, 372)	4	HOV	4	4	0	4.0	4.0	15.5	15.5	0.0	11.9	11.9	0.0	64.68
(372, 373)	1	SOV	---	---	7	2117.8	-----	12.4	9.7	2.8	9.6	7.5	2.1	50.37
(372, 373)	2	SOV	---	---	3	1405.1	-----	10.5	9.6	0.9	8.1	7.4	0.7	59.94
(372, 373)	3	SOV	---	---	2	1020.1	-----	10.1	9.6	0.4	7.8	7.4	0.3	62.16
(372, 373)	4	HOV	4	4	0	4.0	4.0	9.7	9.7	0.0	7.5	7.4	0.0	64.68
(372, 373)	9	SOV	---	---	0	78.5	-----	17.1	12.8	4.4	13.3	9.9	3.4	36.56
(373, 374)	1	SOV	---	---	3	2044.1	-----	6.9	6.2	0.8	5.4	4.8	0.6	57.01
(373, 374)	2	SOV	---	---	0	1463.6	-----	6.4	6.1	0.3	5.0	4.7	0.3	61.75
(373, 374)	3	SOV	---	---	2	1119.0	-----	6.4	6.1	0.3	4.9	4.7	0.2	62.38
(373, 374)	4	HOV	4	4	0	4.0	4.0	6.1	6.1	0.0	4.7	4.7	0.0	64.68
(374, 375)	1	SOV	---	---	6	1971.7	-----	10.7	9.9	0.8	8.3	7.7	0.6	58.57
(374, 375)	2	SOV	---	---	4	1488.2	-----	10.0	9.6	0.4	7.7	7.4	0.3	62.92
(374, 375)	3	SOV	---	---	0	1161.3	-----	10.0	9.6	0.4	7.7	7.4	0.3	62.84
(374, 375)	4	HOV	4	4	0	4.0	4.0	9.7	9.7	0.0	7.5	7.4	0.0	64.69
(375, 376)	1	SOV	---	---	1	1091.8	-----	17.0	16.3	0.7	13.1	12.6	0.5	61.42
(375, 376)	2	SOV	---	---	5	1468.2	-----	16.6	16.1	0.5	12.8	12.4	0.4	62.96
(375, 376)	3	SOV	---	---	3	1213.3	-----	16.6	15.9	0.7	12.8	12.3	0.5	62.84
(375, 376)	4	HOV	4	4	0	4.0	4.0	16.2	16.1	0.0	12.4	12.4	0.0	64.71
(376, 377)	1	SOV	---	---	2	1298.7	-----	8.5	7.8	0.6	6.5	6.1	0.5	59.51
(376, 377)	2	SOV	---	---	1	1465.7	-----	8.1	7.8	0.3	6.2	6.0	0.2	62.51
(376, 377)	3	SOV	---	---	1	1261.3	-----	8.0	7.7	0.4	6.2	5.9	0.3	62.71
(376, 377)	4	HOV	4	4	0	4.0	4.0	7.8	7.8	0.0	6.0	6.0	0.0	64.64
(376, 377)	9	SOV	---	---	0	27.0	-----	10.6	8.4	2.2	8.2	6.5	1.7	47.42
(377, 378)	1	SOV	---	---	9	1692.1	-----	15.0	13.8	1.2	11.6	10.6	0.9	59.18
(377, 378)	2	SOV	---	---	6	1420.4	-----	14.2	13.6	0.5	10.9	10.5	0.4	62.51
(377, 378)	3	SOV	---	---	6	1188.4	-----	14.1	13.5	0.6	10.9	10.4	0.5	62.94
(377, 378)	4	HOV	4	4	0	4.0	4.0	13.7	13.7	0.0	10.5	10.5	0.0	64.65
(377, 378)	9	SOV	---	---	0	15.7	-----	18.4	15.3	3.1	14.2	11.8	2.4	48.30
(7028, 368)	1	SOV	---	---	3	625.8	-----	15.9	15.4	0.6	12.3	11.9	0.4	53.30
(7028, 368)	2	SOV	---	---	2	734.1	-----	16.1	15.4	0.7	12.4	11.9	0.5	52.74
(7028, 368)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(378, 384)	1	SOV	---	---	2	1735.9	-----	2.3	2.1	0.1	1.7	1.6	0.1	60.28
(378, 384)	2	SOV	---	---	3	1402.6	-----	2.2	2.1	0.1	1.7	1.6	0.1	63.02
(378, 384)	3	SOV	---	---	1	1165.5	-----	2.2	2.1	0.1	1.7	1.6	0.1	63.14
(378, 384)	4	HOV	4	4	0	4.0	4.0	2.1	2.1	0.0	1.6	1.6	0.0	64.73
(384, 385)	1	SOV	---	---	9	1699.3	-----	14.8	13.9	0.9	11.4	10.8	0.7	59.88

(384, 385)	2	SOV	---	---	6	1422.6	-----	14.1	13.6	0.5	10.9	10.5	0.4	62.98
(384, 385)	3	SOV	---	---	5	1179.4	-----	14.1	13.5	0.6	10.9	10.4	0.5	62.88
(384, 385)	4	HOV	4	5	0	4.9	4.9	13.7	13.7	0.0	10.5	10.5	0.0	64.63
(385, 386)	1	SOV	---	---	12	1159.6	-----	28.5	27.2	1.3	22.0	21.0	1.0	61.04
(385, 386)	2	SOV	---	---	13	1393.4	-----	27.7	26.8	0.9	21.4	20.7	0.7	62.77
(385, 386)	3	SOV	---	---	9	1226.3	-----	27.8	26.5	1.4	21.5	20.4	1.1	62.59
(385, 386)	4	HOV	5	5	0	5.0	5.0	26.9	26.9	0.0	20.7	20.7	0.0	64.61
(402, 403)	1	SOV	---	---	2	475.3	-----	10.7	9.1	1.5	8.3	7.1	1.2	46.52
(402, 403)	2	SOV	---	---	4	1305.5	-----	10.8	9.9	0.9	8.3	7.6	0.7	46.15
(562,7030)	1	SOV	---	---	0	538.0	-----	2.6	2.5	0.1	2.0	1.9	0.1	49.80
(562,7030)	2	SOV	---	---	1	399.2	-----	2.6	2.4	0.2	2.0	1.9	0.1	50.69
(562,7030)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(400, 401)	1	SOV	---	---	4	550.5	-----	16.4	15.9	0.5	12.7	12.3	0.4	62.37
(400, 401)	2	SOV	---	---	3	391.8	-----	15.8	15.5	0.3	12.2	12.0	0.2	64.71
(400, 401)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(400, 401)	9	SOV	---	---	9	1609.3	-----	18.9	17.4	1.5	14.6	13.5	1.2	54.09
(401, 382)	1	SOV	---	---	1	1608.8	-----	3.5	3.0	0.5	2.7	2.3	0.4	40.38
(399, 400)	1	SOV	---	---	1	592.0	-----	7.3	7.1	0.2	5.6	5.5	0.2	62.06
(399, 400)	2	SOV	---	---	0	379.7	-----	7.0	6.9	0.1	5.4	5.3	0.1	64.66
(399, 400)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(399, 400)	9	SOV	---	---	1	1585.2	-----	7.7	7.0	0.7	5.9	5.4	0.5	58.73
(564, 399)	1	SOV	---	---	8	2522.2	-----	10.4	9.2	1.2	8.0	7.1	1.0	55.65
(564, 399)	2	SOV	---	---	2	1097.2	-----	9.3	8.9	0.4	7.2	6.9	0.3	62.33
(564, 399)	3	SOV	---	---	0	725.0	-----	9.1	8.8	0.3	7.1	6.8	0.2	63.57
(564, 399)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(397, 398)	1	SOV	---	---	7	2400.1	-----	11.8	8.9	2.9	9.1	6.9	2.2	49.23
(397, 398)	2	SOV	---	---	2	1076.3	-----	9.8	8.9	0.8	7.6	6.9	0.7	59.28
(397, 398)	3	SOV	---	---	0	797.6	-----	9.3	8.8	0.4	7.2	6.9	0.3	62.56
(397, 398)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(397, 398)	9	SOV	---	---	1	67.3	-----	14.8	11.1	3.7	11.4	8.6	2.8	39.27
(395, 396)	1	SOV	---	---	9	1136.8	-----	20.1	19.2	0.9	15.5	14.9	0.7	61.72
(395, 396)	2	SOV	---	---	8	1431.8	-----	19.8	19.1	0.7	15.3	14.8	0.5	62.68
(395, 396)	3	SOV	---	---	10	1230.2	-----	20.0	19.1	0.9	15.5	14.8	0.7	62.07
(395, 396)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(394, 395)	1	SOV	---	---	0	1904.2	-----	6.6	6.1	0.5	5.1	4.7	0.4	58.13
(394, 395)	2	SOV	---	---	4	1466.0	-----	6.1	5.9	0.2	4.7	4.5	0.2	62.46
(394, 395)	3	SOV	---	---	0	1225.2	-----	6.2	5.9	0.3	4.8	4.5	0.2	62.07

(394, 395)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(393, 394)	1	SOV	---	---	9	1962.8	-----	10.8	9.9	0.9	8.3	7.7	0.7	59.31
(393, 394)	2	SOV	---	---	5	1429.7	-----	10.3	9.9	0.4	8.0	7.6	0.3	62.19
(393, 394)	3	SOV	---	---	6	1206.5	-----	10.3	9.9	0.4	8.0	7.6	0.3	62.28
(393, 394)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(392, 393)	1	SOV	---	---	2	1999.1	-----	6.7	5.9	0.8	5.2	4.5	0.6	57.14
(392, 393)	2	SOV	---	---	1	1363.7	-----	6.2	5.9	0.3	4.8	4.5	0.2	62.04
(392, 393)	3	SOV	---	---	0	1178.6	-----	6.1	5.9	0.2	4.7	4.6	0.2	62.27
(392, 393)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(392, 393)	9	SOV	---	---	0	60.7	-----	8.3	6.7	1.6	6.4	5.2	1.2	46.02
(391, 392)	1	SOV	---	---	8	1385.4	-----	12.3	11.4	0.9	9.5	8.8	0.7	60.17
(391, 392)	2	SOV	---	---	9	1496.6	-----	11.9	11.4	0.5	9.2	8.8	0.4	62.10
(391, 392)	3	SOV	---	---	6	1329.2	-----	12.0	11.4	0.6	9.2	8.8	0.4	61.70
(391, 392)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(391, 392)	9	SOV	---	---	0	13.9	-----	16.0	12.8	3.2	12.4	9.9	2.5	46.05
(390, 391)	1	SOV	---	---	2	1068.2	-----	17.2	16.4	0.8	13.3	12.7	0.6	61.70
(390, 391)	2	SOV	---	---	1	1545.8	-----	17.0	16.3	0.7	13.2	12.6	0.5	62.43
(390, 391)	3	SOV	---	---	2	1410.0	-----	17.2	16.4	0.8	13.3	12.7	0.6	61.73
(390, 391)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(389, 390)	1	SOV	---	---	14	1974.6	-----	17.1	15.9	1.2	13.2	12.3	0.9	59.73
(389, 390)	2	SOV	---	---	9	1516.7	-----	16.3	15.7	0.6	12.6	12.2	0.5	62.56
(389, 390)	3	SOV	---	---	6	1381.3	-----	16.5	15.8	0.7	12.8	12.2	0.6	61.84
(389, 390)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(388, 389)	1	SOV	---	---	3	2038.3	-----	5.5	5.1	0.4	4.3	4.0	0.3	60.44
(388, 389)	2	SOV	---	---	1	1464.2	-----	5.4	5.2	0.2	4.2	4.0	0.2	62.38
(388, 389)	3	SOV	---	---	2	1374.1	-----	5.4	5.2	0.2	4.2	4.0	0.2	61.90
(388, 389)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(387, 388)	1	SOV	---	---	7	1649.4	-----	16.7	15.6	1.1	12.9	12.1	0.8	61.11
(387, 388)	2	SOV	---	---	9	1611.6	-----	16.5	15.8	0.7	12.8	12.2	0.5	61.93
(387, 388)	3	SOV	---	---	8	1607.0	-----	16.7	15.8	0.9	12.9	12.2	0.7	61.28
(387, 388)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(387, 388)	9	SOV	---	---	0	13.4	-----	21.8	17.3	4.5	16.9	13.4	3.5	46.93
(166, 404)	1	SOV	---	---	4	1439.8	-----	8.2	7.9	0.3	6.3	6.1	0.2	62.38
(166, 404)	2	SOV	---	---	5	1683.4	-----	8.2	7.9	0.3	6.3	6.1	0.2	62.61
(166, 404)	3	SOV	---	---	2	1739.9	-----	8.2	7.9	0.3	6.4	6.1	0.3	62.11
(166, 404)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(404, 387)	1	SOV	---	---	4	1258.5	-----	17.5	16.9	0.6	13.5	13.1	0.5	63.16
(404, 387)	2	SOV	---	---	7	1662.0	-----	17.8	17.1	0.6	13.7	13.2	0.5	62.28

(404, 387)	3	SOV	---	---	9	1716.0	-----	18.0	17.1	0.9	13.9	13.2	0.7	61.54
(404, 387)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(306, 405)	1	SOV	---	---	5	2293.4	-----	5.1	4.2	0.9	3.9	3.2	0.7	43.88
(558, 406)	1	SOV	---	---	4	1796.1	-----	5.0	4.6	0.4	3.9	3.6	0.3	42.23
(558, 406)	2	SOV	---	---	1	493.9	-----	4.7	4.6	0.1	3.7	3.6	0.1	44.63
(351, 408)	1	SOV	---	---	1	375.9	-----	5.3	4.5	0.8	4.1	3.5	0.6	40.80
(351, 408)	2	SOV	---	---	2	1010.3	-----	5.1	4.9	0.3	4.0	3.8	0.2	42.15
(408, 409)	1	SOV	---	---	1	822.9	-----	10.7	9.5	1.2	8.2	7.3	0.9	39.89
(408, 409)	2	SOV	---	---	0	562.6	-----	10.6	9.6	1.0	8.2	7.4	0.8	40.19
(410, 405)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(413, 409)	1	SOV	---	---	8	1656.1	-----	12.7	11.6	1.1	9.8	8.9	0.9	40.95
(349, 350)	1	SOV	---	---	0	310.6	-----	15.2	14.9	0.3	11.8	11.6	0.2	52.14
(349, 350)	2	SOV	---	---	3	1075.2	-----	16.5	16.2	0.3	12.7	12.5	0.2	48.09
(350, 351)	1	SOV	---	---	3	467.4	-----	12.5	12.4	0.2	9.7	9.6	0.1	47.60
(350, 351)	2	SOV	---	---	2	919.9	-----	13.8	13.5	0.3	10.7	10.4	0.2	43.29
(406, 413)	1	SOV	---	---	1	1655.9	-----	14.5	13.7	0.8	11.2	10.6	0.6	42.53
(416,7031)	1	SOV	---	---	0	461.3	-----	2.5	2.4	0.1	1.9	1.9	0.0	50.67
(7032, 435)	1	SOV	---	---	1	756.7	-----	3.6	3.2	0.4	2.8	2.4	0.3	44.40
(435, 436)	1	SOV	---	---	0	700.0	-----	3.1	3.0	0.2	2.4	2.3	0.1	48.26
(436, 372)	1	SOV	---	---	1	701.2	-----	3.9	3.6	0.3	3.0	2.8	0.2	50.20
(395, 437)	1	SOV	---	---	2	545.6	-----	6.9	6.7	0.2	5.4	5.2	0.2	52.90
(395, 437)	2	SOV	---	---	0	252.6	-----	6.9	6.7	0.2	5.3	5.2	0.2	53.05
(437,7033)	1	SOV	---	---	0	55.0	-----	5.6	5.0	0.6	4.3	3.9	0.5	47.85
(437,7033)	2	SOV	---	---	1	746.1	-----	5.5	5.2	0.3	4.3	4.1	0.2	48.10
(7034, 440)	1	SOV	---	---	0	575.0	-----	3.3	2.9	0.5	2.6	2.2	0.4	43.06
(440, 441)	1	SOV	---	---	2	529.0	-----	4.2	3.9	0.3	3.2	3.0	0.2	46.98
(7035, 443)	1	SOV	---	---	0	303.1	-----	3.9	2.9	1.0	3.0	2.2	0.8	34.04
(443, 444)	1	SOV	---	---	0	277.0	-----	3.1	2.9	0.3	2.4	2.2	0.2	45.07

(444, 376)	1	SOV	---	---	0	277.0	-----	9.1	8.9	0.3	7.0	6.8	0.2	52.87
(375, 442)	1	SOV	---	---	0	851.0	-----	4.7	4.5	0.1	3.6	3.5	0.1	53.06
(442,7036)	1	SOV	---	---	1	851.9	-----	3.4	3.3	0.1	2.6	2.6	0.1	50.17
(7037, 454)	1	SOV	---	---	0	284.7	-----	3.4	3.1	0.3	2.7	2.4	0.2	45.56
(454, 455)	1	SOV	---	---	0	264.6	-----	3.5	3.4	0.1	2.7	2.6	0.1	49.60
(455, 377)	1	SOV	---	---	0	265.0	-----	5.0	4.8	0.2	3.8	3.7	0.1	52.61
(390, 458)	1	SOV	---	---	2	853.8	-----	9.1	8.5	0.6	7.0	6.6	0.4	51.60
(456, 457)	1	SOV	---	---	1	204.9	-----	2.4	2.2	0.2	1.9	1.7	0.2	45.49
(457, 391)	1	SOV	---	---	1	203.8	-----	2.0	1.9	0.2	1.6	1.5	0.1	48.77
(7038, 456)	1	SOV	---	---	0	237.0	-----	2.1	1.6	0.5	1.6	1.2	0.4	39.40
(458,7039)	1	SOV	---	---	0	842.5	-----	4.0	2.9	1.0	3.1	2.2	0.8	36.40
(7040, 466)	1	SOV	---	---	0	412.5	-----	3.4	3.0	0.4	2.6	2.3	0.3	44.23
(466, 467)	1	SOV	---	---	0	380.0	-----	3.1	2.9	0.1	2.4	2.3	0.1	48.50
(467, 392)	1	SOV	---	---	0	380.0	-----	4.0	3.7	0.2	3.1	2.9	0.2	50.93
(309,7043)	1	SOV	---	---	1	1232.6	-----	3.6	3.4	0.2	2.8	2.6	0.1	48.84
(7044, 483)	1	SOV	---	---	0	748.2	-----	5.8	5.3	0.5	4.5	4.1	0.4	45.59
(484, 318)	1	SOV	---	---	0	712.5	-----	4.8	4.5	0.3	3.7	3.5	0.2	50.86
(483, 484)	1	SOV	---	---	2	712.8	-----	3.7	3.5	0.2	2.8	2.7	0.1	48.26
(303, 487)	1	SOV	---	---	0	672.6	-----	10.3	5.8	4.6	8.0	4.5	3.5	29.54
(487, 488)	1	SOV	---	---	1	674.4	-----	11.5	6.8	4.7	8.9	5.2	3.7	29.53
(488,7046)	1	SOV	---	---	0	674.3	-----	7.8	4.1	3.6	6.0	3.2	2.8	25.64
(490, 305)	1	SOV	---	---	4	1623.7	-----	10.3	8.8	1.4	7.9	6.8	1.1	46.44
(489, 490)	1	SOV	---	---	4	1639.6	-----	6.6	6.3	0.3	5.1	4.8	0.2	47.73

(7047, 489)	1	SOV	---	---	1	1738.9	-----	5.2	4.3	0.9	4.0	3.3	0.7	41.22
(7045, 531)	1	SOV	---	---	13	340.3	-----	51.7	19.1	32.6	39.9	14.7	25.1	3.10
(7045, 531)	2	SOV	---	---	9	92.8	-----	111.2	38.5	72.7	85.9	29.7	56.2	1.44
(531, 532)	1	SOV	---	---	9	412.9	-----	33.9	11.6	22.3	26.1	9.0	17.2	4.19
(531, 532)	2	SOV	---	---	0	8.3	-----	105.3	34.1	71.2	81.3	26.3	55.0	1.35
(532, 299)	1	SOV	---	---	10	404.2	-----	36.3	13.1	23.2	28.0	10.1	17.9	3.90
(322, 522)	1	SOV	---	---	0	692.7	-----	3.0	2.9	0.0	2.3	2.3	0.0	54.43
(322, 522)	2	SOV	---	---	0	756.3	-----	3.0	2.9	0.1	2.3	2.3	0.1	53.68
(7049, 523)	1	SOV	---	---	0	237.0	-----	3.3	3.0	0.3	2.5	2.3	0.2	37.60
(523, 524)	1	SOV	---	---	2	214.0	-----	6.3	5.7	0.6	4.8	4.4	0.4	45.06
(524, 323)	1	SOV	---	---	2	212.2	-----	5.2	5.0	0.2	4.0	3.8	0.2	52.10
(298, 533)	1	SOV	---	---	11	632.8	-----	89.3	41.8	47.5	70.1	32.8	37.3	13.50
(298, 533)	2	SOV	---	---	10	1673.6	-----	32.9	18.5	14.4	25.6	14.4	11.2	36.59
(298, 533)	3	SOV	---	---	10	1763.8	-----	21.3	18.4	2.9	16.5	14.3	2.3	56.46
(298, 533)	4	SOV	---	---	8	1600.4	-----	20.0	18.6	1.4	15.4	14.3	1.0	60.36
(298, 533)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(7050, 529)	1	SOV	---	---	8	162.5	-----	73.6	33.2	40.4	56.6	25.6	31.1	1.64
(7050, 529)	2	SOV	---	---	10	419.6	-----	34.2	15.1	19.1	26.5	11.7	14.8	3.52
(529, 530)	1	SOV	---	---	5	254.4	-----	15.8	5.5	10.3	12.2	4.3	7.9	7.05
(529, 530)	2	SOV	---	---	5	336.2	-----	31.0	12.7	18.3	23.9	9.8	14.1	3.59
(530, 533)	1	SOV	---	---	27	584.4	-----	65.9	25.3	40.6	50.9	19.6	31.3	5.16
(7051, 525)	1	SOV	---	---	0	230.3	-----	3.3	3.0	0.3	2.5	2.3	0.2	45.92
(525, 526)	1	SOV	---	---	0	212.0	-----	5.5	5.4	0.1	4.2	4.1	0.1	49.46
(526, 324)	1	SOV	---	---	1	211.6	-----	6.7	6.5	0.2	5.2	5.0	0.2	53.13
(298, 534)	1	SOV	---	---	20	851.9	-----	30.4	10.2	20.2	23.5	7.9	15.6	10.92
(534,7052)	1	SOV	---	---	9	805.3	-----	24.1	8.0	16.1	18.6	6.2	12.4	7.57
(313, 347)	1	SOV	---	---	3	1807.9	-----	5.4	5.1	0.3	4.1	3.9	0.2	51.92
(315, 554)	1	SOV	---	---	11	2600.8	-----	10.3	5.9	4.4	8.0	4.5	3.4	36.54
(315, 554)	2	SOV	---	---	7	1771.0	-----	7.9	5.9	2.0	6.2	4.6	1.5	47.46

(315, 554)	3	SOV	---	---	3	1277.1	-----	6.2	5.7	0.5	4.8	4.4	0.4	60.42
(315, 554)	4	SOV	---	---	1	795.5	-----	5.8	5.6	0.2	4.5	4.3	0.2	64.52
(315, 554)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(315, 554)	9	SOV	---	---	2	170.4	-----	8.5	7.8	0.6	6.6	6.1	0.5	44.49
(554, 555)	1	SOV	---	---	8	2504.2	-----	9.1	6.8	2.3	7.1	5.3	1.8	47.81
(554, 555)	2	SOV	---	---	5	1760.3	-----	8.1	6.9	1.1	6.3	5.4	0.9	54.11
(554, 555)	3	SOV	---	---	4	1444.6	-----	7.1	6.7	0.4	5.5	5.2	0.3	61.55
(554, 555)	4	SOV	---	---	3	894.4	-----	6.8	6.5	0.3	5.2	5.0	0.2	64.51
(554, 555)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(522,7048)	1	SOV	---	---	1	693.4	-----	3.4	3.3	0.1	2.6	2.5	0.1	50.26
(522,7048)	2	SOV	---	---	1	754.6	-----	3.4	3.3	0.1	2.6	2.5	0.1	49.51
(405, 558)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(405, 558)	6	SOV	---	---	4	2292.0	-----	3.7	3.4	0.3	2.9	2.7	0.2	46.25
(409, 559)	1	SOV	---	---	2	1710.4	-----	5.3	4.9	0.4	4.1	3.8	0.3	41.95
(409, 559)	6	SOV	---	---	4	1330.9	-----	5.3	5.0	0.3	4.1	3.8	0.2	42.54
(369, 560)	1	SOV	---	---	3	1286.8	-----	5.2	4.8	0.4	4.0	3.7	0.3	60.63
(369, 560)	2	HOV	4	4	0	4.0	4.0	4.9	4.9	0.0	3.8	3.7	0.0	64.53
(369, 560)	9	SOV	---	---	2	1335.0	-----	5.6	4.9	0.7	4.3	3.8	0.5	55.93
(369, 560)	10	SOV	---	---	2	1755.0	-----	5.7	5.0	0.8	4.4	3.8	0.6	54.95
(401, 562)	1	SOV	---	---	0	538.1	-----	2.1	2.1	0.0	1.7	1.6	0.0	57.39
(401, 562)	2	SOV	---	---	0	399.9	-----	2.1	2.1	0.0	1.6	1.6	0.0	58.21
(401, 562)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(97, 563)	1	SOV	---	---	6	1162.3	-----	16.9	15.5	1.4	13.0	12.0	1.1	60.53
(97, 563)	2	SOV	---	---	4	1257.1	-----	16.9	16.3	0.7	13.1	12.6	0.5	60.43
(97, 563)	3	SOV	---	---	10	1326.8	-----	16.2	15.7	0.5	12.5	12.1	0.4	63.22
(97, 563)	4	SOV	---	---	3	1083.3	-----	16.4	15.7	0.7	12.6	12.1	0.5	62.51
(97, 563)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(97, 563)	9	SOV	---	---	1	24.7	-----	23.9	18.5	5.4	18.5	14.3	4.2	42.85
(398, 564)	1	SOV	---	---	4	2363.3	-----	8.2	6.9	1.3	6.3	5.3	1.0	54.19
(398, 564)	2	SOV	---	---	2	1104.6	-----	7.2	6.9	0.4	5.6	5.3	0.3	61.29
(398, 564)	3	SOV	---	---	1	875.5	-----	7.0	6.7	0.3	5.4	5.2	0.2	63.09
(398, 564)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(27, 28)	1	SOV	---	---	0	588.6	-----	11.6	10.9	0.7	9.0	8.4	0.5	58.59
(27, 28)	2	SOV	---	---	0	530.6	-----	10.9	10.2	0.7	8.4	7.8	0.6	62.63
(27, 28)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(28, 29)	1	SOV	---	---	0	714.2	-----	8.9	8.6	0.3	6.8	6.6	0.3	61.38
(28, 29)	2	SOV	---	---	0	553.6	-----	8.2	8.1	0.1	6.3	6.2	0.1	66.51

(28,	29)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(28,	29)	9	SOV	---	---	0	708.4	-----	9.4	8.6	0.8	7.2	6.6	0.6	58.28
(29,	30)	1	SOV	---	---	0	663.9	-----	5.5	5.3	0.1	4.2	4.1	0.1	62.38
(29,	30)	2	SOV	---	---	4	728.1	-----	5.5	5.3	0.1	4.2	4.1	0.1	62.54
(29,	30)	3	SOV	---	---	1	582.8	-----	5.1	5.1	0.1	4.0	3.9	0.1	66.44
(29,	30)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(30,	31)	1	SOV	---	---	2	841.4	-----	16.4	15.8	0.5	12.6	12.2	0.4	62.42
(30,	31)	2	SOV	---	---	5	730.3	-----	16.2	15.9	0.3	12.5	12.3	0.2	63.01
(30,	31)	3	SOV	---	---	9	576.0	-----	15.4	15.2	0.3	11.9	11.7	0.2	66.22
(30,	31)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(30,	31)	9	SOV	---	---	2	848.1	-----	17.0	15.9	1.1	13.2	12.3	0.8	60.01
(31,	32)	1	SOV	---	---	3	1098.2	-----	9.5	9.0	0.5	7.3	7.0	0.4	61.73
(31,	32)	2	SOV	---	---	4	1173.8	-----	9.5	9.1	0.4	7.3	7.0	0.3	61.66
(31,	32)	3	SOV	---	---	1	481.8	-----	9.1	8.9	0.2	7.0	6.8	0.2	64.11
(31,	32)	4	SOV	---	---	0	240.8	-----	8.8	8.7	0.1	6.8	6.7	0.1	66.85
(31,	32)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(32,	33)	1	SOV	---	---	3	243.7	-----	8.2	7.7	0.5	6.4	5.9	0.4	62.15
(32,	33)	2	SOV	---	---	2	915.6	-----	8.2	8.0	0.2	6.3	6.2	0.1	62.46
(32,	33)	3	SOV	---	---	1	531.2	-----	7.8	7.7	0.1	6.0	6.0	0.1	65.31
(32,	33)	4	HOV	0	252	2	234.4	234.4	7.6	7.6	0.0	5.9	5.9	0.0	67.17
(32,	33)	9	SOV	---	---	6	1065.2	-----	8.2	7.9	0.3	6.3	6.1	0.2	62.29
(33,	34)	1	SOV	---	---	0	347.5	-----	8.1	7.8	0.3	6.3	6.1	0.2	63.03
(33,	34)	2	SOV	---	---	4	872.9	-----	8.2	8.1	0.1	6.3	6.2	0.1	62.38
(33,	34)	3	SOV	---	---	1	562.0	-----	7.8	7.7	0.1	6.0	6.0	0.1	65.53
(33,	34)	4	SOV	---	---	2	256.7	-----	7.6	7.6	0.1	5.9	5.8	0.0	67.17
(33,	34)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(33,	34)	9	SOV	---	---	3	949.0	-----	8.8	8.6	0.3	6.8	6.6	0.2	57.99
(34,	35)	1	SOV	---	---	2	181.7	-----	6.7	6.5	0.1	5.2	5.1	0.1	66.09
(34,	35)	2	SOV	---	---	2	798.8	-----	7.1	7.0	0.1	5.5	5.4	0.1	61.99
(34,	35)	3	SOV	---	---	2	569.8	-----	6.8	6.7	0.1	5.2	5.2	0.0	65.42
(34,	35)	4	SOV	---	---	1	271.1	-----	6.6	6.5	0.0	5.1	5.0	0.0	67.20
(34,	35)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(35,	36)	1	SOV	---	---	1	223.4	-----	8.1	8.0	0.1	6.3	6.2	0.1	66.41
(35,	36)	2	SOV	---	---	1	743.7	-----	8.7	8.6	0.1	6.7	6.6	0.1	61.83
(35,	36)	3	SOV	---	---	3	564.4	-----	8.2	8.2	0.1	6.4	6.3	0.1	65.35
(35,	36)	4	SOV	---	---	0	287.9	-----	8.0	7.9	0.1	6.2	6.1	0.1	67.18
(35,	36)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(36,	37)	1	SOV	---	---	1	254.7	-----	9.0	8.9	0.1	6.9	6.9	0.1	66.48
(36,	37)	2	SOV	---	---	2	695.7	-----	9.7	9.5	0.1	7.5	7.4	0.1	61.75

(36,	37)	3	SOV	---	---	1	564.1	-----	9.2	9.1	0.1	7.1	7.0	0.1	65.19
(36,	37)	4	SOV	---	---	0	303.5	-----	8.9	8.8	0.1	6.8	6.8	0.1	67.28
(36,	37)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(37,	54)	1	SOV	---	---	0	263.5	-----	10.2	10.1	0.1	7.9	7.8	0.1	66.62
(37,	54)	2	SOV	---	---	3	661.2	-----	11.0	10.9	0.2	8.5	8.4	0.1	61.51
(37,	54)	3	SOV	---	---	1	572.9	-----	10.5	10.3	0.1	8.1	8.0	0.1	64.96
(37,	54)	4	SOV	---	---	0	322.9	-----	10.1	10.0	0.1	7.8	7.7	0.1	67.39
(37,	54)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(54,	55)	1	SOV	---	---	3	679.7	-----	7.3	6.7	0.5	5.6	5.2	0.4	61.12
(54,	55)	2	SOV	---	---	1	661.5	-----	7.2	7.1	0.1	5.6	5.5	0.1	61.36
(54,	55)	3	SOV	---	---	1	580.9	-----	6.8	6.8	0.1	5.3	5.2	0.1	64.76
(54,	55)	4	SOV	---	---	0	349.8	-----	6.6	6.5	0.0	5.1	5.0	0.0	67.52
(54,	55)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(54,	55)	9	SOV	---	---	0	36.6	-----	8.4	7.9	0.5	6.5	6.1	0.4	52.89
(55,	56)	1	SOV	---	---	3	664.3	-----	5.4	5.2	0.2	4.1	4.0	0.1	63.40
(55,	56)	2	SOV	---	---	3	688.7	-----	5.5	5.4	0.1	4.3	4.2	0.1	61.65
(55,	56)	3	SOV	---	---	1	588.5	-----	5.3	5.2	0.1	4.1	4.0	0.0	64.71
(55,	56)	4	SOV	---	---	0	365.6	-----	5.1	5.0	0.0	3.9	3.9	0.0	67.44
(55,	56)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(56,	57)	1	SOV	---	---	0	751.2	-----	11.1	10.8	0.3	8.5	8.3	0.2	61.49
(56,	57)	2	SOV	---	---	2	605.1	-----	10.5	10.4	0.1	8.1	8.0	0.1	64.69
(56,	57)	3	SOV	---	---	0	381.3	-----	10.1	10.0	0.1	7.8	7.7	0.1	67.38
(56,	57)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(56,	57)	9	SOV	---	---	3	1127.5	-----	11.4	10.5	1.0	8.8	8.1	0.7	59.69
(56,	57)	10	SOV	---	---	0	41.1	-----	14.3	11.8	2.5	11.1	9.1	2.0	47.59
(57,	58)	1	SOV	---	---	1	813.0	-----	5.5	5.4	0.1	4.2	4.1	0.1	62.26
(57,	58)	2	SOV	---	---	1	617.9	-----	5.3	5.2	0.1	4.1	4.0	0.0	64.76
(57,	58)	3	SOV	---	---	1	392.6	-----	5.1	5.0	0.1	3.9	3.9	0.0	67.37
(57,	58)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(57,	58)	9	SOV	---	---	1	1084.4	-----	5.5	5.3	0.2	4.2	4.1	0.2	62.36
(58,	59)	1	SOV	---	---	0	825.9	-----	6.3	6.2	0.1	4.9	4.8	0.1	62.72
(58,	59)	2	SOV	---	---	1	613.9	-----	6.1	6.0	0.1	4.7	4.7	0.0	64.86
(58,	59)	3	SOV	---	---	0	390.1	-----	5.9	5.8	0.1	4.5	4.5	0.0	67.32
(58,	59)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(58,	59)	9	SOV	---	---	0	1077.0	-----	6.3	6.1	0.2	4.9	4.7	0.2	62.80
(59,	60)	1	SOV	---	---	1	787.4	-----	9.1	8.9	0.2	7.0	6.9	0.1	62.94
(59,	60)	2	SOV	---	---	0	856.7	-----	8.8	8.7	0.2	6.8	6.7	0.1	65.13
(59,	60)	3	SOV	---	---	0	27.7	-----	8.5	8.1	0.4	6.6	6.3	0.3	67.44
(59,	60)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(59,	60)	9	SOV	---	---	1	1237.6	-----	9.3	8.9	0.4	7.2	6.9	0.3	62.00

(60,	61)	1	SOV	---	---	5	1572.0	-----	17.0	15.9	1.1	13.1	12.3	0.8	60.25
(60,	61)	2	SOV	---	---	2	729.0	-----	16.1	15.8	0.3	12.4	12.2	0.3	63.47
(60,	61)	3	SOV	---	---	3	602.7	-----	15.6	15.4	0.2	12.0	11.9	0.1	65.59
(60,	61)	4	HOV	3	3	0	3.0	3.0	15.1	15.1	0.0	11.6	11.6	0.0	67.59
(61,	62)	1	SOV	---	---	2	1227.7	-----	11.4	10.8	0.6	8.8	8.4	0.4	59.73
(61,	62)	2	SOV	---	---	2	762.4	-----	10.7	10.5	0.2	8.2	8.1	0.1	63.90
(61,	62)	3	SOV	---	---	1	611.8	-----	10.4	10.3	0.1	8.0	7.9	0.1	65.46
(61,	62)	4	HOV	3	3	0	3.0	3.0	10.1	10.1	0.0	7.8	7.8	0.0	67.55
(62,	63)	1	SOV	---	---	1	597.5	-----	12.2	11.9	0.3	9.4	9.2	0.3	61.76
(62,	63)	2	SOV	---	---	2	760.6	-----	11.8	11.6	0.2	9.1	9.0	0.1	64.09
(62,	63)	3	SOV	---	---	3	630.5	-----	11.6	11.4	0.2	8.9	8.8	0.1	65.38
(62,	63)	4	HOV	3	3	0	3.0	3.0	11.2	11.1	0.0	8.6	8.6	0.0	67.67
(63,	64)	1	SOV	---	---	3	582.5	-----	12.6	12.3	0.3	9.7	9.5	0.2	62.01
(63,	64)	2	SOV	---	---	2	758.4	-----	12.3	12.1	0.2	9.5	9.3	0.1	63.94
(63,	64)	3	SOV	---	---	4	644.4	-----	12.0	11.8	0.2	9.2	9.1	0.2	65.33
(63,	64)	4	HOV	3	3	0	3.0	3.0	11.6	11.6	0.0	8.9	8.9	0.0	67.42
(64,	65)	1	SOV	---	---	4	938.7	-----	11.5	10.7	0.9	8.9	8.2	0.7	59.11
(64,	65)	2	SOV	---	---	2	827.7	-----	10.7	10.5	0.3	8.3	8.1	0.2	63.45
(64,	65)	3	SOV	---	---	0	660.3	-----	10.5	10.3	0.2	8.1	7.9	0.2	65.09
(64,	65)	4	HOV	3	3	0	3.0	3.0	10.1	10.1	0.0	7.8	7.8	0.0	67.59
(64,	65)	9	SOV	---	---	0	27.6	-----	14.2	12.1	2.2	11.0	9.3	1.7	47.95
(65,	66)	1	SOV	---	---	2	913.9	-----	5.6	5.4	0.2	4.3	4.1	0.2	61.30
(65,	66)	2	SOV	---	---	2	869.1	-----	5.3	5.2	0.1	4.1	4.0	0.1	63.90
(65,	66)	3	SOV	---	---	1	671.9	-----	5.2	5.1	0.1	4.0	4.0	0.1	65.08
(65,	66)	4	HOV	3	3	0	3.0	3.0	5.0	5.0	0.0	3.9	3.9	0.0	67.56
(66,	67)	1	SOV	---	---	2	953.6	-----	10.4	10.0	0.3	8.0	7.7	0.3	61.73
(66,	67)	2	SOV	---	---	4	857.2	-----	10.0	9.8	0.2	7.7	7.6	0.1	64.09
(66,	67)	3	SOV	---	---	2	644.4	-----	9.8	9.6	0.2	7.6	7.4	0.1	65.25
(66,	67)	4	HOV	3	3	0	3.0	3.0	9.5	9.5	0.0	7.3	7.3	0.0	67.56
(67,	68)	1	SOV	---	---	6	1379.2	-----	14.5	13.8	0.7	11.2	10.6	0.6	60.93
(67,	68)	2	SOV	---	---	4	634.0	-----	13.8	13.6	0.2	10.6	10.5	0.2	64.29
(67,	68)	3	SOV	---	---	0	441.9	-----	13.5	13.3	0.2	10.4	10.3	0.1	65.74
(67,	68)	4	HOV	3	3	0	3.0	3.0	13.1	13.1	0.0	10.1	10.1	0.0	67.56
(68,	69)	1	SOV	---	---	4	1321.5	-----	17.1	16.2	0.9	13.2	12.5	0.7	59.68
(68,	69)	2	SOV	---	---	3	665.8	-----	15.9	15.6	0.2	12.3	12.1	0.2	64.40
(68,	69)	3	SOV	---	---	2	466.9	-----	15.5	15.3	0.2	12.0	11.8	0.2	65.90
(68,	69)	4	HOV	3	3	0	3.0	3.0	15.1	15.1	0.0	11.6	11.6	0.0	67.55

(69, 70)	1	SOV	---	---	4	470.9	-----	18.8	18.4	0.4	14.5	14.2	0.3	61.63
(69, 70)	2	SOV	---	---	1	663.2	-----	17.9	17.7	0.2	13.8	13.7	0.2	64.45
(69, 70)	3	SOV	---	---	0	489.4	-----	17.5	17.3	0.2	13.5	13.4	0.2	65.86
(69, 70)	4	HOV	3	3	0	3.0	3.0	17.1	17.1	0.0	13.2	13.1	0.0	67.57
(70, 71)	1	SOV	---	---	1	467.9	-----	8.5	8.4	0.1	6.6	6.5	0.1	62.14
(70, 71)	2	SOV	---	---	1	654.0	-----	8.3	8.2	0.1	6.4	6.3	0.1	64.29
(70, 71)	3	SOV	---	---	2	501.1	-----	8.1	7.9	0.1	6.2	6.1	0.1	65.83
(70, 71)	4	HOV	3	3	0	3.0	3.0	7.8	7.8	0.0	6.0	6.0	0.0	67.58
(71, 72)	1	SOV	---	---	3	646.3	-----	16.7	16.1	0.6	12.9	12.4	0.5	61.20
(71, 72)	2	SOV	---	---	4	672.7	-----	16.0	15.7	0.2	12.3	12.1	0.2	64.12
(71, 72)	3	SOV	---	---	1	520.8	-----	15.6	15.3	0.3	12.0	11.8	0.2	65.69
(71, 72)	4	HOV	3	3	0	3.0	3.0	15.1	15.1	0.0	11.6	11.6	0.0	67.58
(71, 72)	9	SOV	---	---	0	9.1	-----	20.9	17.9	3.0	16.1	13.8	2.3	48.98
(72, 73)	1	SOV	---	---	2	504.9	-----	24.3	23.7	0.6	18.7	18.3	0.5	62.14
(72, 73)	2	SOV	---	---	3	917.3	-----	23.8	23.3	0.6	18.4	17.9	0.4	63.41
(72, 73)	3	SOV	---	---	3	422.9	-----	23.0	22.6	0.4	17.8	17.4	0.3	65.59
(72, 73)	4	HOV	3	3	0	3.0	3.0	22.4	22.3	0.0	17.2	17.2	0.0	67.57
(73, 74)	1	SOV	---	---	6	1072.6	-----	16.7	16.2	0.5	12.8	12.5	0.4	61.37
(73, 74)	2	SOV	---	---	0	339.6	-----	15.5	15.2	0.3	11.9	11.7	0.2	66.19
(73, 74)	3	HOV	3	3	0	3.0	3.0	22.7	14.9	7.7	17.4	11.5	5.9	45.13
(73, 74)	9	SOV	---	---	3	436.2	-----	16.8	16.4	0.4	13.0	12.7	0.3	60.74
(74, 75)	1	SOV	---	---	5	417.6	-----	22.9	22.5	0.4	17.7	17.4	0.3	62.46
(74, 75)	2	SOV	---	---	1	391.5	-----	21.6	21.3	0.2	16.6	16.5	0.2	66.36
(74, 75)	3	HOV	3	3	0	3.0	3.0	23.4	21.4	2.0	18.0	16.4	1.6	61.18
(75, 76)	1	SOV	---	---	1	690.2	-----	6.0	5.6	0.4	4.6	4.3	0.3	59.90
(75, 76)	2	SOV	---	---	1	450.8	-----	5.5	5.3	0.1	4.2	4.1	0.1	65.37
(75, 76)	3	HOV	3	3	0	3.0	3.0	5.3	5.3	0.0	4.1	4.1	0.0	67.53
(75, 76)	9	SOV	---	---	0	36.2	-----	7.4	6.3	1.1	5.7	4.9	0.8	48.27
(76, 77)	1	SOV	---	---	1	873.1	-----	3.8	3.4	0.4	3.0	2.6	0.3	57.09
(76, 77)	2	SOV	---	---	0	533.4	-----	3.4	3.3	0.1	2.6	2.5	0.1	64.32
(76, 77)	3	HOV	3	3	0	3.0	3.0	3.2	3.2	0.0	2.5	2.5	0.0	67.67
(76, 77)	9	SOV	---	---	0	56.7	-----	5.3	3.9	1.4	4.1	3.0	1.1	41.38
(568, 569)	1	SOV	---	---	0	1449.4	-----	2.8	2.2	0.6	2.2	1.7	0.5	48.36
(568, 569)	2	SOV	---	---	0	692.6	-----	3.7	2.1	1.6	2.9	1.7	1.2	36.70
(568, 569)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(569, 570)	1	SOV	---	---	1	671.0	-----	13.9	13.1	0.9	10.7	10.1	0.7	60.62
(569, 570)	2	SOV	---	---	0	667.2	-----	14.1	13.0	1.2	10.9	10.0	0.9	59.80
(569, 570)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(570, 571)	1	SOV	---	---	4	861.4	-----	8.9	8.6	0.4	6.9	6.6	0.3	62.91
(570, 571)	2	SOV	---	---	2	681.0	-----	8.9	8.6	0.3	6.8	6.6	0.2	63.44
(570, 571)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(570, 571)	9	SOV	---	---	3	970.9	-----	9.6	8.9	0.8	7.4	6.8	0.6	58.26
(571, 572)	1	SOV	---	---	7	1289.6	-----	16.9	16.0	0.9	13.0	12.3	0.7	60.53
(571, 572)	2	SOV	---	---	5	1011.9	-----	15.9	15.5	0.4	12.3	12.0	0.3	64.21
(571, 572)	3	SOV	---	---	4	714.9	-----	16.0	15.6	0.5	12.4	12.0	0.4	63.78
(571, 572)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(571, 572)	9	SOV	---	---	0	18.8	-----	20.3	18.1	2.2	15.6	13.9	1.7	50.49
(572, 573)	1	SOV	---	---	11	1214.0	-----	24.5	23.5	1.0	18.9	18.2	0.7	61.11
(572, 573)	2	SOV	---	---	8	1094.3	-----	23.2	22.7	0.4	17.9	17.5	0.3	64.62
(572, 573)	3	SOV	---	---	7	726.8	-----	23.4	22.7	0.7	18.1	17.6	0.5	63.98
(572, 573)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(573, 574)	1	SOV	---	---	1	1180.4	-----	16.9	16.2	0.7	13.1	12.5	0.6	60.37
(573, 574)	2	SOV	---	---	6	1109.4	-----	15.9	15.5	0.3	12.2	12.0	0.3	64.43
(573, 574)	3	SOV	---	---	2	744.4	-----	15.9	15.5	0.5	12.3	12.0	0.4	64.18
(573, 574)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(574, 575)	1	SOV	---	---	2	911.3	-----	14.2	13.7	0.5	10.9	10.6	0.4	60.96
(574, 575)	2	SOV	---	---	2	1117.1	-----	13.4	13.2	0.3	10.4	10.1	0.2	64.26
(574, 575)	3	SOV	---	---	0	782.0	-----	13.5	13.0	0.4	10.4	10.1	0.3	64.17
(574, 575)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(575, 576)	1	SOV	---	---	5	814.6	-----	19.5	18.8	0.7	15.0	14.5	0.5	60.93
(575, 576)	2	SOV	---	---	4	1175.8	-----	18.6	18.2	0.4	14.4	14.0	0.3	63.72
(575, 576)	3	SOV	---	---	2	816.1	-----	18.5	17.9	0.6	14.3	13.8	0.5	64.21
(575, 576)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(576, 577)	1	SOV	---	---	11	1976.9	-----	20.5	15.9	4.6	15.8	12.3	3.5	49.88
(576, 577)	2	SOV	---	---	6	1540.5	-----	17.0	15.7	1.3	13.1	12.1	1.0	60.18
(576, 577)	3	SOV	---	---	8	1013.2	-----	16.2	15.4	0.8	12.5	11.9	0.6	63.25
(576, 577)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(576, 577)	9	SOV	---	---	1	106.8	-----	27.9	22.4	5.5	21.6	17.3	4.2	36.68
(577, 578)	1	SOV	---	---	6	1805.2	-----	14.3	13.6	0.7	11.0	10.5	0.6	60.79
(577, 578)	2	SOV	---	---	8	1667.8	-----	13.8	13.4	0.5	10.7	10.3	0.4	62.84
(577, 578)	3	SOV	---	---	7	1163.7	-----	13.6	13.1	0.5	10.5	10.1	0.4	64.18
(577, 578)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(578, 579)	1	SOV	---	---	8	2307.7	-----	12.5	11.2	1.2	9.6	8.7	0.9	58.15
(578, 579)	2	SOV	---	---	3	1421.5	-----	11.5	11.1	0.4	8.9	8.6	0.3	62.75
(578, 579)	3	SOV	---	---	2	911.3	-----	11.2	10.9	0.3	8.6	8.4	0.2	64.77
(578, 579)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(579, 580)	1	SOV	---	---	4	2290.4	-----	5.8	5.3	0.5	4.5	4.1	0.4	58.55
(579, 580)	2	SOV	---	---	3	1416.2	-----	5.4	5.2	0.2	4.2	4.0	0.1	63.03
(579, 580)	3	SOV	---	---	2	938.4	-----	5.2	5.1	0.1	4.1	3.9	0.1	64.96
(579, 580)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(580, 581)	1	SOV	---	---	5	2212.2	-----	11.7	10.8	0.9	9.0	8.3	0.7	58.41
(580, 581)	2	SOV	---	---	4	1447.9	-----	10.8	10.5	0.3	8.3	8.1	0.2	63.29
(580, 581)	3	SOV	---	---	0	993.4	-----	10.5	10.2	0.3	8.1	7.9	0.2	64.86
(580, 581)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(581, 582)	1	SOV	---	---	2	1123.3	-----	11.9	11.3	0.6	9.1	8.7	0.4	60.08
(581, 582)	2	SOV	---	---	5	1431.3	-----	11.3	10.9	0.3	8.7	8.4	0.3	63.21
(581, 582)	3	SOV	---	---	1	1053.3	-----	11.0	10.6	0.4	8.5	8.2	0.3	64.82
(581, 582)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(582, 583)	1	SOV	---	---	4	1093.1	-----	13.9	13.4	0.5	10.7	10.3	0.4	61.03
(582, 583)	2	SOV	---	---	6	1397.4	-----	13.5	13.1	0.4	10.4	10.1	0.3	62.94
(582, 583)	3	SOV	---	---	3	1119.1	-----	13.1	12.7	0.4	10.1	9.8	0.3	64.68
(582, 583)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(583, 584)	1	SOV	---	---	2	1419.0	-----	12.0	10.7	1.3	9.2	8.2	1.0	57.02
(583, 584)	2	SOV	---	---	1	1444.0	-----	11.0	10.5	0.4	8.4	8.1	0.3	62.27
(583, 584)	3	SOV	---	---	1	1207.3	-----	10.6	10.2	0.4	8.2	7.9	0.3	64.56
(583, 584)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(583, 584)	9	SOV	---	---	0	34.7	-----	15.0	12.0	3.1	11.6	9.3	2.4	45.35
(584, 585)	1	SOV	---	---	13	2426.1	-----	19.5	15.9	3.7	15.1	12.2	2.8	52.39
(584, 585)	2	SOV	---	---	7	1492.0	-----	16.7	15.6	1.1	12.9	12.1	0.9	61.10
(584, 585)	3	SOV	---	---	4	1050.4	-----	15.9	15.3	0.6	12.3	11.8	0.5	64.36
(584, 585)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(584, 585)	9	SOV	---	---	0	61.2	-----	19.0	18.0	1.0	14.7	13.9	0.8	53.90
(585, 586)	1	SOV	---	---	9	3039.8	-----	10.1	7.7	2.5	7.8	5.9	1.9	48.24
(585, 586)	2	SOV	---	---	4	1177.5	-----	8.5	7.5	1.0	6.5	5.8	0.7	57.72
(585, 586)	3	SOV	---	---	2	812.0	-----	7.7	7.3	0.4	5.9	5.6	0.3	63.93
(585, 586)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(586, 587)	1	SOV	---	---	7	2877.4	-----	7.9	7.0	0.9	6.1	5.4	0.7	56.51
(586, 587)	2	SOV	---	---	3	1243.4	-----	7.2	6.9	0.3	5.5	5.3	0.2	62.31
(586, 587)	3	SOV	---	---	2	907.9	-----	6.8	6.6	0.2	5.3	5.1	0.1	65.51
(586, 587)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(587, 588)	1	SOV	---	---	6	2823.9	-----	5.7	5.3	0.4	4.4	4.1	0.3	59.35
(587, 588)	2	SOV	---	---	4	1256.9	-----	5.4	5.3	0.1	4.1	4.1	0.1	63.49
(587, 588)	3	SOV	---	---	2	945.4	-----	5.2	5.1	0.1	4.0	3.9	0.1	66.09
(587, 588)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(588, 589)	1	SOV	---	---	11	2776.7	-----	11.9	10.8	1.1	9.2	8.3	0.9	57.21
(588, 589)	2	SOV	---	---	2	1265.9	-----	10.7	10.5	0.2	8.3	8.1	0.2	63.44
(588, 589)	3	SOV	---	---	1	984.4	-----	10.3	10.1	0.2	8.0	7.8	0.1	66.06
(588, 589)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(589, 590)	1	SOV	---	---	1	638.9	-----	9.3	9.0	0.3	7.1	6.9	0.2	59.86
(589, 590)	2	SOV	---	---	2	1215.0	-----	8.8	8.6	0.2	6.8	6.6	0.1	63.29
(589, 590)	3	SOV	---	---	1	1012.2	-----	8.4	8.2	0.2	6.5	6.4	0.1	65.84
(589, 590)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(590, 591)	1	SOV	---	---	0	670.0	-----	6.8	6.7	0.1	5.3	5.2	0.1	61.39
(590, 591)	2	SOV	---	---	2	1168.9	-----	6.6	6.5	0.1	5.1	5.0	0.1	63.15
(590, 591)	3	SOV	---	---	1	1028.7	-----	6.4	6.2	0.2	4.9	4.8	0.1	65.70
(590, 591)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(591, 592)	1	SOV	---	---	0	680.3	-----	7.6	7.5	0.1	5.8	5.8	0.1	61.55
(591, 592)	2	SOV	---	---	1	1141.2	-----	7.4	7.2	0.2	5.7	5.6	0.1	62.91
(591, 592)	3	SOV	---	---	2	1045.7	-----	7.1	6.9	0.2	5.5	5.3	0.1	65.59
(591, 592)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(592, 593)	1	SOV	---	---	1	710.0	-----	11.1	10.9	0.2	8.5	8.4	0.1	61.61
(592, 593)	2	SOV	---	---	2	1104.1	-----	10.9	10.6	0.3	8.4	8.2	0.2	62.80
(592, 593)	3	SOV	---	---	0	1085.5	-----	10.4	10.1	0.3	8.0	7.8	0.2	65.41
(592, 593)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(592, 593)	9	SOV	---	---	0	358.8	-----	11.3	10.6	0.7	8.7	8.2	0.5	60.29
(593, 594)	1	SOV	---	---	2	735.8	-----	5.5	5.4	0.1	4.3	4.2	0.1	61.81
(593, 594)	2	SOV	---	---	1	1083.5	-----	5.4	5.3	0.1	4.2	4.1	0.1	62.65
(593, 594)	3	SOV	---	---	0	1109.0	-----	5.2	5.1	0.2	4.0	3.9	0.1	65.31
(593, 594)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(593, 594)	9	SOV	---	---	2	816.6	-----	5.7	5.3	0.4	4.4	4.1	0.3	60.07
(593, 594)	10	SOV	---	---	0	44.2	-----	6.5	6.2	0.3	5.0	4.8	0.2	52.75
(594, 595)	1	SOV	---	---	3	804.5	-----	11.0	10.8	0.2	8.5	8.3	0.1	62.18
(594, 595)	2	SOV	---	---	2	1051.5	-----	10.9	10.6	0.3	8.4	8.2	0.2	62.70
(594, 595)	3	SOV	---	---	4	1114.1	-----	10.5	10.2	0.3	8.1	7.8	0.2	65.19
(594, 595)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(594, 595)	9	SOV	---	---	2	820.1	-----	10.9	10.6	0.3	8.4	8.2	0.2	62.55
(595, 596)	1	SOV	---	---	0	839.9	-----	5.0	4.9	0.1	3.8	3.8	0.1	62.40
(595, 596)	2	SOV	---	---	3	1035.7	-----	4.9	4.8	0.1	3.8	3.7	0.1	62.77
(595, 596)	3	SOV	---	---	3	1108.2	-----	4.8	4.6	0.1	3.7	3.6	0.1	65.07
(595, 596)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(595, 596)	9	SOV	---	---	2	803.1	-----	4.9	4.8	0.1	3.8	3.7	0.1	62.84
(596, 597)	1	SOV	---	---	1	1094.8	-----	8.2	8.0	0.2	6.3	6.2	0.2	62.32

(596, 597)	2	SOV	---	---	3	1153.0	-----	8.1	7.9	0.2	6.3	6.1	0.2	62.80
(596, 597)	3	SOV	---	---	2	925.9	-----	7.9	7.6	0.2	6.1	5.9	0.2	65.04
(596, 597)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(596, 597)	9	SOV	---	---	0	613.1	-----	8.1	7.9	0.2	6.3	6.1	0.1	62.95
(597, 598)	1	SOV	---	---	7	1584.8	-----	8.3	7.9	0.4	6.4	6.1	0.3	61.47
(597, 598)	2	SOV	---	---	7	1365.5	-----	8.3	8.0	0.3	6.4	6.2	0.2	61.41
(597, 598)	3	SOV	---	---	3	537.8	-----	7.9	7.6	0.3	6.1	5.9	0.2	64.76
(597, 598)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(597, 598)	9	SOV	---	---	2	298.4	-----	8.1	7.5	0.6	6.3	5.8	0.5	62.90
(598, 599)	1	SOV	---	---	4	1203.7	-----	16.5	16.1	0.4	12.7	12.4	0.3	61.85
(598, 599)	2	SOV	---	---	2	687.3	-----	15.5	15.2	0.4	12.0	11.7	0.3	65.88
(598, 599)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(598, 599)	9	SOV	---	---	9	1375.6	-----	17.2	16.5	0.7	13.2	12.7	0.5	59.55
(598, 599)	10	SOV	---	---	2	507.3	-----	16.2	15.8	0.4	12.5	12.2	0.3	63.12
(600, 601)	1	SOV	---	---	4	998.2	-----	10.2	9.9	0.3	7.8	7.6	0.2	61.09
(600, 601)	2	SOV	---	---	3	886.4	-----	9.5	9.2	0.2	7.3	7.1	0.2	65.59
(600, 601)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(601, 602)	1	SOV	---	---	1	968.8	-----	5.6	5.4	0.2	4.3	4.2	0.1	60.97
(601, 602)	2	SOV	---	---	1	913.7	-----	5.2	5.1	0.1	4.0	3.9	0.1	65.47
(601, 602)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(602, 603)	1	SOV	---	---	3	937.3	-----	11.2	10.9	0.3	8.6	8.4	0.2	61.00
(602, 603)	2	SOV	---	---	2	942.6	-----	10.4	10.2	0.2	8.0	7.9	0.2	65.34
(602, 603)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(599, 600)	1	SOV	---	---	6	1076.7	-----	15.3	14.9	0.4	11.8	11.4	0.3	61.38
(599, 600)	2	SOV	---	---	5	812.0	-----	14.3	14.0	0.3	11.0	10.8	0.2	65.77
(599, 600)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(77,7053)	1	SOV	---	---	0	891.7	-----	2.2	2.0	0.2	1.7	1.6	0.1	58.32
(77,7053)	2	SOV	---	---	0	572.6	-----	2.0	1.9	0.1	1.5	1.5	0.0	64.39
(77,7053)	3	HOV	3	3	0	3.0	3.0	1.9	1.9	0.0	1.4	1.4	0.0	67.64
(7054, 568)	1	SOV	---	---	0	1475.7	-----	3.3	2.3	1.0	2.6	1.8	0.8	47.59
(7054, 568)	2	SOV	---	---	0	831.7	-----	3.7	2.3	1.4	2.9	1.8	1.1	42.08
(7054, 568)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(441, 397)	1	SOV	---	---	1	528.9	-----	4.1	3.8	0.4	3.2	2.9	0.3	49.12
(626, 627)	1	SOV	---	---	0	621.3	-----	5.5	5.4	0.1	4.2	4.2	0.1	52.09
(626, 627)	2	SOV	---	---	0	493.7	-----	5.0	4.9	0.1	3.9	3.8	0.0	57.22
(626, 627)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(627, 27)	1	SOV	---	---	0	606.4	-----	4.2	4.0	0.2	3.3	3.1	0.1	51.59
(627, 27)	2	SOV	---	---	0	509.6	-----	3.8	3.7	0.1	3.0	2.9	0.1	56.85
(627, 27)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(629, 28)	1	SOV	---	---	0	855.2	-----	4.9	4.3	0.6	3.8	3.3	0.5	47.01
(628, 629)	1	SOV	---	---	5	856.8	-----	5.9	5.3	0.7	4.6	4.1	0.5	39.71
(631, 30)	1	SOV	---	---	0	1028.4	-----	6.7	6.2	0.5	5.2	4.8	0.4	50.38
(630, 631)	1	SOV	---	---	1	1027.4	-----	6.1	5.8	0.3	4.7	4.5	0.3	47.66
(34, 632)	1	SOV	---	---	0	884.3	-----	3.1	3.0	0.1	2.4	2.3	0.1	52.88
(34, 632)	2	SOV	---	---	0	279.6	-----	2.8	2.8	0.0	2.2	2.1	0.0	57.12
(632, 633)	1	SOV	---	---	1	855.8	-----	3.7	3.6	0.1	2.8	2.8	0.1	52.88
(632, 633)	2	SOV	---	---	0	310.5	-----	3.4	3.4	0.0	2.6	2.6	0.0	57.10
(635, 54)	1	SOV	---	---	1	484.6	-----	8.5	7.9	0.6	6.5	6.1	0.5	50.50
(634, 635)	1	SOV	---	---	1	484.9	-----	7.7	7.1	0.6	5.9	5.5	0.5	41.42
(637, 56)	1	SOV	---	---	3	601.1	-----	8.2	8.0	0.2	6.4	6.2	0.2	53.53
(636, 637)	1	SOV	---	---	3	601.3	-----	5.7	5.6	0.2	4.4	4.3	0.1	53.31
(61, 638)	1	SOV	---	---	0	305.0	-----	5.6	5.5	0.1	4.4	4.3	0.1	54.16
(638, 639)	1	SOV	---	---	0	60.6	-----	4.4	4.2	0.1	3.4	3.3	0.1	52.84
(638, 639)	2	SOV	---	---	0	244.4	-----	4.4	4.2	0.2	3.4	3.2	0.1	52.88
(62, 640)	1	SOV	---	---	3	609.8	-----	5.1	5.0	0.1	4.0	3.9	0.1	53.78
(640, 641)	1	SOV	---	---	0	173.2	-----	2.8	2.8	0.0	2.2	2.2	0.0	53.20
(640, 641)	2	SOV	---	---	0	435.8	-----	2.9	2.9	0.0	2.3	2.2	0.0	51.18
(643, 64)	1	SOV	---	---	0	460.0	-----	7.5	7.3	0.2	5.8	5.6	0.2	53.29
(642, 643)	1	SOV	---	---	0	306.2	-----	6.3	5.9	0.4	4.8	4.6	0.3	51.76
(642, 643)	2	SOV	---	---	0	153.8	-----	6.5	6.1	0.5	5.1	4.7	0.4	49.70
(69, 644)	1	SOV	---	---	0	616.9	-----	4.6	4.4	0.2	3.5	3.4	0.1	52.29
(69, 644)	2	SOV	---	---	0	209.1	-----	4.5	4.3	0.2	3.5	3.4	0.2	52.64
(644, 645)	1	SOV	---	---	0	7.5	-----	3.4	3.3	0.1	2.6	2.6	0.1	50.28
(644, 645)	2	SOV	---	---	1	244.5	-----	3.3	3.2	0.1	2.5	2.5	0.0	52.00
(644, 645)	3	SOV	---	---	0	573.1	-----	3.4	3.3	0.1	2.6	2.5	0.1	49.87

(647, 71)	1	SOV	---	---	0	232.0	-----	9.6	8.8	0.7	7.4	6.8	0.6	50.25
(646, 647)	1	SOV	---	---	1	231.5	-----	8.3	7.6	0.7	6.4	5.8	0.5	41.21
(74, 648)	1	SOV	---	---	2	444.8	-----	5.9	5.8	0.1	4.5	4.5	0.1	53.83
(74, 648)	2	SOV	---	---	1	587.1	-----	5.9	5.8	0.1	4.5	4.5	0.1	53.79
(648, 649)	1	SOV	---	---	2	454.1	-----	5.0	4.9	0.1	3.8	3.8	0.1	54.01
(648, 649)	2	SOV	---	---	2	576.6	-----	5.0	4.9	0.2	3.9	3.8	0.1	53.33
(651, 75)	1	SOV	---	---	0	369.0	-----	5.5	4.9	0.6	4.2	3.8	0.4	48.64
(650, 651)	1	SOV	---	---	2	369.6	-----	5.3	4.7	0.6	4.1	3.6	0.5	39.92
(653, 76)	1	SOV	---	---	0	286.0	-----	3.1	3.1	0.1	2.4	2.4	0.1	53.45
(652, 653)	1	SOV	---	---	0	286.0	-----	3.6	3.5	0.1	2.8	2.7	0.1	53.18
(569, 654)	1	SOV	---	---	0	503.0	-----	3.6	3.3	0.3	2.8	2.5	0.3	49.28
(569, 654)	2	SOV	---	---	0	301.0	-----	3.5	3.1	0.4	2.7	2.4	0.3	50.37
(656, 570)	1	SOV	---	---	2	1176.8	-----	6.5	5.8	0.7	5.0	4.5	0.5	48.17
(655, 656)	1	SOV	---	---	5	1178.0	-----	7.6	6.8	0.7	5.8	5.3	0.6	40.58
(658, 571)	1	SOV	---	---	1	525.1	-----	6.8	6.6	0.2	5.2	5.1	0.1	53.37
(657, 658)	1	SOV	---	---	2	527.4	-----	5.7	5.6	0.1	4.4	4.3	0.1	53.57
(574, 660)	1	SOV	---	---	0	222.0	-----	2.8	2.8	0.1	2.2	2.1	0.0	53.76
(660, 661)	1	SOV	---	---	0	222.0	-----	2.8	2.7	0.1	2.2	2.1	0.1	50.60
(663, 576)	1	SOV	---	---	4	1581.4	-----	7.6	6.2	1.4	5.8	4.8	1.1	44.94
(663, 576)	2	SOV	---	---	1	249.3	-----	9.0	7.0	1.9	6.9	5.4	1.5	37.87
(662, 663)	1	SOV	---	---	0	162.0	-----	6.9	4.5	2.5	5.4	3.5	1.9	32.81
(662, 663)	2	SOV	---	---	1	1674.7	-----	5.5	4.5	1.0	4.2	3.4	0.8	41.40
(581, 664)	1	SOV	---	---	4	1046.1	-----	7.5	7.2	0.3	5.8	5.5	0.2	52.92
(664, 665)	1	SOV	---	---	0	1045.0	-----	2.9	2.8	0.1	2.2	2.2	0.1	52.86
(667, 583)	1	SOV	---	---	6	487.5	-----	12.5	10.9	1.6	9.6	8.4	1.2	47.18
(666, 667)	1	SOV	---	---	3	487.8	-----	4.2	4.0	0.2	3.2	3.1	0.2	34.50

(669, 584)	1	SOV	---	---	5	823.1	-----	7.7	7.3	0.4	6.0	5.6	0.3	51.54
(669, 584)	2	SOV	---	---	1	97.7	-----	8.1	7.5	0.5	6.2	5.8	0.4	49.33
(668, 669)	1	SOV	---	---	0	44.1	-----	6.8	4.1	2.8	5.3	3.1	2.2	31.66
(668, 669)	2	SOV	---	---	0	879.9	-----	4.2	3.9	0.3	3.3	3.0	0.2	51.44
(589, 670)	1	SOV	---	---	2	2161.3	-----	3.1	2.8	0.3	2.4	2.2	0.2	49.76
(670, 671)	1	SOV	---	---	2	2162.5	-----	3.0	2.7	0.4	2.4	2.1	0.3	48.56
(673, 592)	1	SOV	---	---	0	389.0	-----	4.5	4.0	0.4	3.4	3.1	0.3	48.33
(672, 673)	1	SOV	---	---	1	389.3	-----	5.0	4.4	0.5	3.8	3.4	0.4	40.17
(675, 593)	1	SOV	---	---	1	524.7	-----	4.2	4.1	0.1	3.3	3.2	0.1	53.62
(674, 675)	1	SOV	---	---	2	525.7	-----	4.0	3.9	0.1	3.1	3.0	0.1	53.55
(678, 679)	1	SOV	---	---	0	674.6	-----	5.3	5.2	0.1	4.1	4.0	0.1	52.65
(678, 679)	2	SOV	---	---	1	1210.3	-----	5.8	5.6	0.2	4.4	4.3	0.1	48.48
(684, 685)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(688,7008)	1	SOV	---	---	1	909.4	-----	6.3	6.1	0.2	4.9	4.7	0.1	35.68
(688,7008)	2	SOV	---	---	1	966.2	-----	5.8	5.7	0.1	4.5	4.4	0.1	38.74
(688,7008)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(7056, 626)	1	SOV	---	---	0	654.1	-----	5.6	5.4	0.2	4.3	4.2	0.1	51.46
(7056, 626)	2	SOV	---	---	0	510.0	-----	5.0	4.9	0.1	3.9	3.8	0.1	57.38
(7056, 626)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(679,7058)	1	SOV	---	---	1	714.2	-----	3.0	3.0	0.1	2.4	2.3	0.0	50.91
(679,7058)	2	SOV	---	---	2	1168.6	-----	3.3	3.2	0.1	2.6	2.5	0.1	46.36
(7059, 684)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(7060, 628)	1	SOV	---	---	2	930.9	-----	4.3	4.0	0.3	3.3	3.1	0.2	33.92
(7061, 630)	1	SOV	---	---	0	1084.0	-----	4.9	4.4	0.5	3.8	3.4	0.4	45.53
(7062, 674)	1	SOV	---	---	1	556.3	-----	4.1	3.8	0.3	3.2	2.9	0.3	50.59
(7063, 672)	1	SOV	---	---	0	424.0	-----	4.2	4.0	0.2	3.2	3.1	0.1	34.82
(671,7064)	1	SOV	---	---	3	2162.5	-----	2.7	2.3	0.4	2.1	1.8	0.3	45.17

(633,7065)	1	SOV	---	---	2	837.4	-----	4.3	4.2	0.1	3.3	3.2	0.1	52.75
(633,7065)	2	SOV	---	---	0	329.0	-----	3.9	3.9	0.0	3.0	3.0	0.0	57.35
(7066, 634)	1	SOV	---	---	0	528.4	-----	4.1	3.9	0.2	3.2	3.0	0.1	34.70
(7067, 636)	1	SOV	---	---	1	630.1	-----	5.2	4.7	0.5	4.0	3.6	0.4	49.84
(665,7068)	1	SOV	---	---	3	1043.2	-----	2.7	2.6	0.1	2.1	2.0	0.1	51.94
(7069, 666)	1	SOV	---	---	2	542.3	-----	3.3	3.3	0.1	2.6	2.5	0.0	36.02
(7070, 668)	1	SOV	---	---	0	209.9	-----	4.5	3.9	0.7	3.5	3.0	0.5	47.33
(7070, 668)	2	SOV	---	---	0	767.7	-----	4.1	3.9	0.3	3.2	3.0	0.2	51.90
(639,7071)	1	SOV	---	---	0	12.0	-----	2.3	2.0	0.3	1.8	1.5	0.2	49.70
(639,7071)	2	SOV	---	---	0	293.0	-----	2.2	2.1	0.1	1.7	1.6	0.1	50.98
(7072, 642)	1	SOV	---	---	0	107.9	-----	2.3	1.9	0.4	1.8	1.5	0.3	46.49
(7072, 642)	2	SOV	---	---	0	407.5	-----	2.2	1.9	0.3	1.7	1.5	0.3	47.88
(641,7073)	1	SOV	---	---	0	19.0	-----	2.4	2.4	0.0	1.8	1.8	0.0	49.94
(641,7073)	2	SOV	---	---	1	589.2	-----	2.6	2.5	0.0	2.0	1.9	0.0	46.38
(661,7074)	1	SOV	---	---	0	222.0	-----	2.8	2.6	0.2	2.2	2.0	0.2	45.74
(7075, 662)	1	SOV	---	---	0	504.5	-----	4.4	3.8	0.7	3.4	2.9	0.5	44.14
(7075, 662)	2	SOV	---	---	0	1445.7	-----	4.2	3.9	0.3	3.2	3.0	0.2	46.70
(645,7076)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(645,7076)	2	SOV	---	---	0	83.0	-----	3.2	3.0	0.1	2.4	2.4	0.1	50.96
(645,7076)	3	SOV	---	---	0	742.0	-----	3.4	3.3	0.1	2.6	2.5	0.1	47.40
(7077, 646)	1	SOV	---	---	0	256.4	-----	3.2	3.0	0.2	2.5	2.3	0.2	34.28
(7078, 657)	1	SOV	---	---	1	557.1	-----	4.5	4.3	0.2	3.5	3.3	0.2	51.99
(7080, 650)	1	SOV	---	---	1	392.3	-----	6.0	5.8	0.2	4.6	4.5	0.2	34.53
(7081, 655)	1	SOV	---	---	3	1281.1	-----	4.2	4.0	0.2	3.3	3.1	0.2	34.08
(649,7082)	1	SOV	---	---	2	460.2	-----	3.8	3.7	0.1	2.9	2.8	0.1	53.57
(649,7082)	2	SOV	---	---	2	566.9	-----	4.0	3.7	0.3	3.1	2.9	0.2	50.07
(7083, 652)	1	SOV	---	---	0	309.2	-----	3.2	2.9	0.3	2.5	2.3	0.3	49.68
(7084, 857)	1	SOV	---	---	0	369.0	-----	2.6	2.3	0.3	2.0	1.8	0.2	49.36

(857, 858)	1	SOV	---	---	0	336.0	-----	4.0	3.9	0.1	3.1	3.0	0.1	53.28
(859,7085)	1	SOV	---	---	1	306.3	-----	6.2	6.0	0.2	4.8	4.7	0.2	52.89
(7086, 860)	1	SOV	---	---	0	21.9	-----	6.0	5.7	0.3	4.6	4.4	0.2	53.25
(860, 861)	1	SOV	---	---	0	21.0	-----	5.7	5.5	0.1	4.4	4.3	0.1	54.38
(866,7087)	1	SOV	---	---	0	63.0	-----	3.9	3.8	0.1	3.0	3.0	0.1	53.47
(873,7088)	1	SOV	---	---	0	75.4	-----	6.9	6.9	0.0	5.4	5.3	0.0	54.65
(7089, 874)	1	SOV	---	---	0	230.3	-----	3.8	3.6	0.2	2.9	2.8	0.2	51.77
(874, 875)	1	SOV	---	---	0	216.0	-----	3.7	3.6	0.1	2.9	2.8	0.1	54.02
(876,7090)	1	SOV	---	---	0	51.0	-----	5.9	5.9	0.0	4.6	4.6	0.0	54.43
(7091, 877)	1	SOV	---	---	0	68.2	-----	5.0	3.6	1.5	3.9	2.8	1.1	39.88
(877, 878)	1	SOV	---	---	0	64.0	-----	4.6	4.3	0.3	3.5	3.3	0.2	51.81
(879, 880)	1	SOV	---	---	4	1030.0	-----	13.9	13.8	0.2	10.8	10.6	0.1	64.10
(879, 880)	2	SOV	---	---	4	992.3	-----	13.9	13.7	0.2	10.8	10.6	0.1	64.12
(880, 881)	1	SOV	---	---	4	1003.4	-----	20.0	19.6	0.3	15.5	15.2	0.3	63.59
(880, 881)	2	SOV	---	---	5	990.9	-----	19.9	19.5	0.4	15.4	15.1	0.3	63.78
(881, 882)	1	SOV	---	---	3	1010.8	-----	16.5	16.0	0.4	12.8	12.4	0.3	62.88
(881, 882)	2	SOV	---	---	6	982.8	-----	16.4	16.0	0.4	12.7	12.3	0.3	63.32
(882, 883)	1	SOV	---	---	3	1016.4	-----	16.4	15.9	0.5	12.7	12.3	0.4	62.23
(882, 883)	2	SOV	---	---	5	977.9	-----	16.2	15.7	0.5	12.5	12.2	0.4	63.19
(883, 884)	1	SOV	---	---	3	929.2	-----	13.2	12.7	0.5	10.2	9.8	0.4	62.26
(883, 884)	2	SOV	---	---	2	993.8	-----	13.0	12.6	0.4	10.1	9.7	0.3	63.03
(883, 873)	1	SOV	---	---	0	74.0	-----	7.5	7.5	0.1	5.8	5.8	0.0	54.68
(884, 885)	1	SOV	---	---	3	937.7	-----	12.2	11.7	0.5	9.4	9.1	0.4	62.08
(884, 885)	2	SOV	---	---	5	984.6	-----	12.0	11.6	0.4	9.3	9.0	0.3	62.78
(885, 886)	1	SOV	---	---	7	923.7	-----	15.1	14.5	0.6	11.7	11.2	0.4	62.04
(885, 886)	2	SOV	---	---	3	996.3	-----	14.9	14.4	0.6	11.5	11.1	0.4	62.65
(886, 887)	1	SOV	---	---	7	1106.0	-----	16.6	15.9	0.8	12.9	12.3	0.6	61.46
(886, 887)	2	SOV	---	---	6	1021.0	-----	16.4	15.7	0.7	12.7	12.1	0.5	62.49

(886, 887)	9	SOV	---	---	0	9.7	-----	20.2	17.3	2.9	15.6	13.4	2.2	50.71
(887, 888)	1	SOV	---	---	3	1088.6	-----	17.0	16.3	0.7	13.1	12.6	0.5	62.01
(887, 888)	2	SOV	---	---	6	1047.9	-----	16.8	16.1	0.7	13.0	12.5	0.6	62.45
(875, 886)	1	SOV	---	---	0	216.5	-----	5.3	5.3	0.0	4.1	4.1	0.0	54.43
(888, 889)	1	SOV	---	---	6	1083.2	-----	18.5	17.7	0.8	14.3	13.7	0.6	61.82
(888, 889)	2	SOV	---	---	2	1052.8	-----	18.3	17.5	0.8	14.2	13.6	0.6	62.37
(889, 890)	1	SOV	---	---	2	1076.5	-----	12.2	11.7	0.5	9.4	9.0	0.4	61.92
(889, 890)	2	SOV	---	---	2	1057.5	-----	12.1	11.6	0.5	9.4	9.0	0.4	62.26
(890, 891)	1	SOV	---	---	5	1067.8	-----	19.2	18.4	0.9	14.9	14.2	0.7	61.71
(890, 891)	2	SOV	---	---	3	1069.8	-----	19.1	18.2	0.8	14.8	14.1	0.6	62.24
(891, 892)	1	SOV	---	---	6	1058.5	-----	14.5	13.8	0.6	11.2	10.7	0.5	61.71
(891, 892)	2	SOV	---	---	13	1074.8	-----	14.3	13.7	0.6	11.1	10.6	0.5	62.26
(892, 893)	1	SOV	---	---	8	1041.8	-----	33.9	32.3	1.5	26.2	25.0	1.2	61.70
(892, 893)	2	SOV	---	---	5	1091.3	-----	33.6	32.2	1.5	26.0	24.9	1.1	62.13
(893, 894)	1	SOV	---	---	14	1033.8	-----	40.0	38.1	1.9	30.9	29.5	1.4	61.68
(893, 894)	2	SOV	---	---	12	1102.0	-----	39.9	38.0	1.9	30.9	29.4	1.5	61.80
(894, 895)	1	SOV	---	---	6	1046.4	-----	24.5	23.3	1.2	19.0	18.0	0.9	61.58
(894, 895)	2	SOV	---	---	5	1085.9	-----	24.5	23.3	1.2	19.0	18.0	1.0	61.54
(895, 896)	1	SOV	---	---	12	1052.1	-----	38.3	36.3	2.0	29.7	28.1	1.6	61.38
(895, 896)	2	SOV	---	---	15	1084.2	-----	38.3	36.3	1.9	29.6	28.1	1.5	61.47
(896, 897)	1	SOV	---	---	14	1041.9	-----	41.2	38.9	2.3	31.9	30.1	1.8	61.18
(896, 897)	2	SOV	---	---	14	1087.5	-----	41.1	38.9	2.2	31.8	30.1	1.7	61.29
(897, 898)	1	SOV	---	---	6	1045.1	-----	22.7	21.5	1.2	17.6	16.6	0.9	61.27
(897, 898)	2	SOV	---	---	11	1072.4	-----	22.6	21.5	1.2	17.5	16.6	0.9	61.42
(898, 899)	1	SOV	---	---	3	1059.3	-----	16.8	15.8	1.0	13.0	12.2	0.7	60.98
(898, 899)	2	SOV	---	---	0	1064.0	-----	16.8	15.8	1.0	13.0	12.2	0.8	61.04
(899, 900)	1	SOV	---	---	0	989.3	-----	18.3	17.3	1.0	14.2	13.4	0.7	61.36
(899, 900)	2	SOV	---	---	2	1076.0	-----	18.3	17.3	0.9	14.1	13.4	0.7	61.50
(899, 866)	1	SOV	---	---	0	63.0	-----	7.9	7.8	0.1	6.1	6.0	0.1	53.57
(900, 901)	1	SOV	---	---	6	983.2	-----	21.5	20.4	1.1	16.6	15.8	0.9	61.35
(900, 901)	2	SOV	---	---	6	1082.4	-----	21.4	20.4	1.1	16.6	15.7	0.8	61.64

(901, 902)	1	SOV	---	---	9	1215.1	-----	17.4	15.8	1.6	13.5	12.2	1.2	58.79
(901, 902)	2	SOV	---	---	8	1159.3	-----	16.8	15.7	1.0	13.0	12.2	0.8	61.05
(901, 902)	9	SOV	---	---	0	19.7	-----	25.1	19.0	6.1	19.3	14.7	4.7	40.82
(902, 903)	1	SOV	---	---	2	1172.8	-----	16.9	15.9	0.9	13.0	12.3	0.7	61.13
(902, 903)	2	SOV	---	---	3	1213.9	-----	16.7	15.8	0.9	12.9	12.2	0.7	61.72
(858, 901)	1	SOV	---	---	0	336.0	-----	10.1	9.9	0.3	7.8	7.6	0.2	53.59
(903, 904)	1	SOV	---	---	8	1147.6	-----	19.3	18.3	1.1	15.0	14.1	0.8	61.10
(903, 904)	2	SOV	---	---	5	1235.2	-----	19.1	18.1	1.0	14.8	14.0	0.8	61.76
(904, 905)	1	SOV	---	---	3	1143.4	-----	15.0	14.2	0.8	11.6	11.0	0.6	61.00
(904, 905)	2	SOV	---	---	6	1233.7	-----	14.8	14.0	0.7	11.4	10.9	0.6	61.77
(906, 907)	1	SOV	---	---	5	1239.0	-----	14.4	14.2	0.2	11.2	11.0	0.2	63.84
(906, 907)	2	SOV	---	---	4	1292.6	-----	14.4	14.1	0.3	11.1	10.9	0.2	64.11
(907, 908)	1	SOV	---	---	7	1263.9	-----	22.0	21.4	0.6	17.0	16.6	0.4	63.27
(907, 908)	2	SOV	---	---	8	1232.9	-----	21.9	21.3	0.6	16.9	16.5	0.4	63.54
(908, 909)	1	SOV	---	---	7	1328.8	-----	16.6	15.9	0.7	12.8	12.3	0.5	61.66
(908, 909)	2	SOV	---	---	5	1165.6	-----	16.2	15.7	0.6	12.6	12.1	0.4	62.97
(909, 910)	1	SOV	---	---	5	1038.5	-----	14.5	13.9	0.6	11.2	10.8	0.4	62.22
(909, 910)	2	SOV	---	---	5	1150.9	-----	14.4	13.8	0.5	11.1	10.7	0.4	62.78
(909, 859)	1	SOV	---	---	0	305.3	-----	9.6	9.5	0.1	7.4	7.3	0.1	54.10
(910, 911)	1	SOV	---	---	7	1054.4	-----	17.4	16.8	0.6	13.5	13.0	0.5	62.44
(910, 911)	2	SOV	---	---	6	1128.6	-----	17.4	16.7	0.7	13.4	12.9	0.6	62.54
(911, 912)	1	SOV	---	---	5	1055.9	-----	16.0	15.4	0.6	12.4	11.9	0.5	62.28
(911, 912)	2	SOV	---	---	5	1128.9	-----	16.0	15.3	0.7	12.4	11.8	0.6	62.28
(861, 912)	1	SOV	---	---	0	21.0	-----	6.3	6.2	0.1	4.9	4.8	0.1	54.73
(912, 913)	1	SOV	---	---	7	1087.4	-----	16.5	15.8	0.7	12.8	12.2	0.6	62.01
(912, 913)	2	SOV	---	---	8	1117.0	-----	16.4	15.7	0.8	12.7	12.1	0.6	62.20
(912, 913)	9	SOV	---	---	0	1.0	-----	21.7	16.7	5.0	17.1	13.2	3.9	47.16
(913, 914)	1	SOV	---	---	3	1098.6	-----	17.3	16.5	0.8	13.4	12.8	0.6	62.07
(913, 914)	2	SOV	---	---	6	1101.4	-----	17.3	16.4	0.8	13.4	12.7	0.6	62.07
(914, 915)	1	SOV	---	---	10	1099.4	-----	34.1	32.5	1.6	26.4	25.2	1.2	61.89
(914, 915)	2	SOV	---	---	9	1106.6	-----	34.1	32.4	1.7	26.4	25.1	1.3	61.85

(915, 916)	1	SOV	---	---	12	1089.8	-----	34.6	32.8	1.7	26.8	25.4	1.3	61.60
(915, 916)	2	SOV	---	---	8	1118.6	-----	34.4	32.6	1.8	26.7	25.3	1.4	61.82
(916, 917)	1	SOV	---	---	15	1094.1	-----	31.4	29.8	1.5	24.3	23.1	1.2	61.68
(916, 917)	2	SOV	---	---	11	1111.8	-----	31.4	29.6	1.7	24.3	23.0	1.3	61.69
(917, 918)	1	SOV	---	---	5	1090.0	-----	24.6	23.3	1.3	19.0	18.0	1.0	61.61
(917, 918)	2	SOV	---	---	4	1113.6	-----	24.6	23.2	1.4	19.1	18.0	1.1	61.46
(918, 919)	1	SOV	---	---	9	1092.8	-----	31.7	30.0	1.8	24.6	23.2	1.4	61.44
(918, 919)	2	SOV	---	---	5	1116.8	-----	31.7	29.9	1.8	24.6	23.2	1.4	61.47
(919, 920)	1	SOV	---	---	10	1100.8	-----	32.9	31.1	1.9	25.5	24.1	1.5	61.39
(919, 920)	2	SOV	---	---	13	1116.0	-----	33.0	31.1	1.9	25.5	24.0	1.5	61.27
(920, 921)	1	SOV	---	---	4	1099.3	-----	20.2	19.0	1.2	15.6	14.7	0.9	61.22
(920, 921)	2	SOV	---	---	5	1119.5	-----	20.2	19.0	1.2	15.6	14.7	0.9	61.18
(921, 922)	1	SOV	---	---	6	1097.1	-----	19.3	18.1	1.2	14.9	14.0	0.9	61.09
(921, 922)	2	SOV	---	---	10	1115.9	-----	19.3	18.1	1.2	14.9	14.0	0.9	61.12
(922, 923)	1	SOV	---	---	6	1089.5	-----	19.4	18.2	1.2	15.0	14.1	0.9	61.07
(922, 923)	2	SOV	---	---	4	1119.1	-----	19.4	18.2	1.2	15.0	14.1	0.9	61.03
(923, 924)	1	SOV	---	---	3	1107.3	-----	21.8	20.5	1.3	16.9	15.9	1.0	61.06
(923, 924)	2	SOV	---	---	6	1114.9	-----	21.9	20.5	1.4	16.9	15.9	1.1	60.96
(924, 925)	1	SOV	---	---	5	1118.9	-----	20.7	19.3	1.4	16.1	15.0	1.1	60.62
(924, 925)	2	SOV	---	---	5	1107.7	-----	20.7	19.3	1.4	16.1	15.0	1.1	60.66
(925, 926)	1	SOV	---	---	5	1069.4	-----	23.9	22.4	1.5	18.5	17.3	1.2	60.95
(925, 926)	2	SOV	---	---	5	1096.8	-----	24.0	22.4	1.6	18.6	17.3	1.3	60.61
(925, 876)	1	SOV	---	---	0	51.0	-----	10.1	10.0	0.1	7.9	7.8	0.1	54.34
(926, 927)	1	SOV	---	---	8	1068.6	-----	17.6	16.4	1.1	13.6	12.7	0.9	60.91
(926, 927)	2	SOV	---	---	10	1091.3	-----	17.6	16.5	1.1	13.6	12.8	0.9	60.94
(878, 927)	1	SOV	---	---	0	64.8	-----	3.7	3.7	0.0	2.9	2.8	0.0	54.56
(927, 928)	1	SOV	---	---	10	1114.4	-----	16.8	15.7	1.1	13.0	12.2	0.9	60.79
(927, 928)	2	SOV	---	---	9	1105.4	-----	16.8	15.7	1.1	13.0	12.2	0.8	60.86
(927, 928)	9	SOV	---	---	0	2.3	-----	19.3	17.7	1.6	15.1	13.8	1.3	52.92
(928, 929)	1	SOV	---	---	2	1108.9	-----	15.6	14.6	1.0	12.1	11.3	0.8	61.01
(928, 929)	2	SOV	---	---	3	1103.6	-----	15.6	14.6	1.0	12.1	11.3	0.8	61.02

(929, 930)	1	SOV	---	---	5	1120.2	-----	19.2	18.0	1.2	14.9	14.0	0.9	61.10
(929, 930)	2	SOV	---	---	5	1089.9	-----	19.3	18.1	1.2	14.9	14.0	0.9	61.01
(930, 931)	1	SOV	---	---	8	1128.0	-----	12.9	12.1	0.8	10.0	9.3	0.6	60.99
(930, 931)	2	SOV	---	---	9	1065.8	-----	12.9	12.1	0.8	10.0	9.4	0.6	60.98
(654,7079)	1	SOV	---	---	0	39.0	-----	3.8	3.2	0.7	3.0	2.5	0.5	46.14
(654,7079)	2	SOV	---	---	0	765.0	-----	3.7	3.3	0.4	2.8	2.5	0.3	48.16
(407, 369)	1	SOV	---	---	3	1666.0	-----	18.3	17.2	1.1	14.1	13.3	0.8	51.52
(407, 369)	2	SOV	---	---	4	1375.0	-----	18.2	17.2	1.0	14.0	13.3	0.8	51.85
(162, 165)	1	SOV	---	---	5	1388.8	-----	9.6	9.4	0.2	7.5	7.3	0.2	63.75
(162, 165)	2	SOV	---	---	3	1788.0	-----	9.8	9.5	0.3	7.5	7.3	0.2	62.94
(162, 165)	3	SOV	---	---	7	1789.2	-----	9.8	9.5	0.3	7.6	7.3	0.2	62.89
(162, 165)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(165, 166)	1	SOV	---	---	3	1413.4	-----	8.0	7.8	0.2	6.2	6.1	0.1	63.96
(165, 166)	2	SOV	---	---	6	1707.2	-----	8.1	7.9	0.2	6.3	6.1	0.1	63.17
(165, 166)	3	SOV	---	---	3	1742.7	-----	8.1	7.9	0.2	6.3	6.1	0.2	62.99
(165, 166)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(386, 167)	1	SOV	---	---	1	1385.7	-----	8.6	8.0	0.7	6.7	6.1	0.5	59.27
(386, 167)	2	SOV	---	---	1	1405.2	-----	8.2	7.9	0.3	6.3	6.1	0.3	62.29
(386, 167)	3	SOV	---	---	3	1283.3	-----	8.2	7.8	0.4	6.3	6.0	0.3	62.55
(386, 167)	4	HOV	5	5	0	5.0	5.0	7.9	7.9	0.0	6.1	6.1	0.0	64.59
(386, 167)	9	SOV	---	---	0	29.1	-----	10.3	8.7	1.6	7.9	6.7	1.2	49.72
(167, 168)	1	SOV	---	---	0	1381.7	-----	8.4	8.0	0.5	6.5	6.2	0.4	60.53
(167, 168)	2	SOV	---	---	1	1427.4	-----	8.2	7.9	0.3	6.3	6.1	0.3	62.29
(167, 168)	3	SOV	---	---	0	1302.7	-----	8.2	7.8	0.4	6.3	6.0	0.3	62.53
(167, 168)	4	HOV	5	5	0	5.0	5.0	7.9	7.9	0.0	6.1	6.1	0.0	64.62
(168, 169)	1	SOV	---	---	3	1375.2	-----	9.0	8.6	0.4	6.9	6.6	0.3	61.07
(168, 169)	2	SOV	---	---	3	1426.6	-----	8.8	8.5	0.3	6.8	6.5	0.2	62.43
(168, 169)	3	SOV	---	---	4	1309.7	-----	8.8	8.3	0.4	6.8	6.4	0.3	62.55
(168, 169)	4	HOV	5	5	0	5.0	5.0	8.5	8.5	0.0	6.5	6.5	0.0	64.56
(404, 170)	1	SOV	---	---	0	225.0	-----	3.6	3.6	0.0	2.8	2.8	0.0	54.20
(7018, 171)	1	SOV	---	---	0	269.8	-----	2.9	2.5	0.3	2.2	2.0	0.3	43.82
(171, 172)	1	SOV	---	---	0	245.0	-----	2.6	2.5	0.1	2.0	1.9	0.1	48.58
(172, 387)	1	SOV	---	---	0	245.0	-----	2.7	2.5	0.2	2.1	2.0	0.1	50.16

(7020, 174)	1	SOV	---	---	0	346.0	-----	3.3	3.0	0.3	2.5	2.3	0.2	45.46
(174, 175)	1	SOV	---	---	1	319.2	-----	3.4	3.3	0.1	2.6	2.5	0.1	49.19
(175, 386)	1	SOV	---	---	0	319.7	-----	3.8	3.6	0.2	2.9	2.8	0.1	51.69
(385, 173)	1	SOV	---	---	0	525.0	-----	3.3	3.2	0.1	2.5	2.5	0.0	53.72
(173,7019)	1	SOV	---	---	0	525.0	-----	3.2	3.2	0.1	2.5	2.4	0.0	51.12
(170,7017)	1	SOV	---	---	2	224.4	-----	3.7	3.7	0.0	2.9	2.8	0.0	51.17
(151, 344)	1	SOV	---	---	3	922.5	-----	7.8	7.6	0.3	6.1	5.8	0.2	52.82
(151, 344)	2	SOV	---	---	0	74.5	-----	8.1	7.2	0.8	6.2	5.6	0.6	51.41
(344,7026)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(344,7026)	2	SOV	---	---	1	996.6	-----	3.1	2.8	0.3	2.4	2.2	0.2	46.20
(7007, 208)	1	SOV	---	---	0	110.5	-----	2.9	2.5	0.5	2.3	1.9	0.4	38.62
(209, 180)	1	SOV	---	---	0	99.0	-----	3.7	3.5	0.2	2.9	2.7	0.2	51.48
(396, 397)	1	SOV	---	---	5	1155.8	-----	19.4	18.5	0.9	15.0	14.3	0.7	61.79
(396, 397)	2	SOV	---	---	6	1435.7	-----	19.2	18.5	0.7	14.8	14.3	0.5	62.39
(396, 397)	3	SOV	---	---	3	1211.1	-----	19.4	18.4	0.9	15.0	14.2	0.7	61.94
(396, 397)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(399, 402)	1	SOV	---	---	5	796.0	-----	18.0	16.8	1.2	13.9	13.0	0.9	51.65
(399, 402)	2	SOV	---	---	7	988.2	-----	17.7	17.1	0.6	13.7	13.2	0.5	52.37
(559, 407)	1	SOV	---	---	6	1797.2	-----	6.9	6.2	0.6	5.3	4.8	0.5	45.44
(559, 407)	6	SOV	---	---	3	1242.8	-----	6.8	6.3	0.4	5.2	4.9	0.3	46.08
(370, 416)	1	SOV	---	---	0	461.0	-----	4.0	3.8	0.1	3.1	3.0	0.1	53.27
(403, 310)	1	SOV	---	---	5	1406.5	-----	12.1	9.3	2.8	9.4	7.2	2.2	41.87
(403, 310)	2	SOV	---	---	4	368.2	-----	14.6	9.8	4.8	11.3	7.6	3.7	34.73
(383, 314)	1	SOV	---	---	11	1604.4	-----	14.4	12.7	1.7	11.1	9.8	1.3	48.26
(381, 315)	1	SOV	---	---	1	488.0	-----	3.5	3.3	0.2	2.7	2.6	0.2	50.95
(380, 381)	1	SOV	---	---	0	489.0	-----	3.6	3.5	0.1	2.8	2.7	0.1	49.16
(7029, 380)	1	SOV	---	---	0	518.8	-----	4.4	4.2	0.3	3.4	3.2	0.2	47.07
(316, 309)	1	SOV	---	---	1	1232.4	-----	3.7	3.5	0.2	2.8	2.7	0.1	51.82

(349, 352)	1	SOV	---	---	1	422.4	-----	9.9	9.7	0.2	7.6	7.5	0.2	48.74
(352,7027)	1	SOV	---	---	0	422.0	-----	2.5	2.3	0.1	1.9	1.8	0.1	46.77
(346, 347)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(599, 678)	1	SOV	---	---	0	598.2	-----	4.8	4.7	0.1	3.7	3.7	0.1	56.10
(599, 678)	2	SOV	---	---	2	1285.6	-----	5.3	5.0	0.2	4.0	3.9	0.2	51.55
(685, 601)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(603, 688)	1	SOV	---	---	3	921.0	-----	10.8	10.6	0.2	8.4	8.2	0.2	49.01
(603, 688)	2	SOV	---	---	3	954.7	-----	9.9	9.7	0.1	7.6	7.5	0.1	53.76
(603, 688)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(382, 383)	1	SOV	---	---	0	1608.0	-----	3.1	2.1	0.9	2.4	1.7	0.7	43.27
(368, 369)	1	SOV	---	---	5	546.4	-----	25.9	23.9	2.0	20.0	18.5	1.5	59.93
(368, 369)	2	SOV	---	---	5	792.2	-----	26.0	24.1	1.9	20.0	18.6	1.4	59.77
(368, 369)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(407, 411)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(406, 412)	1	SOV	---	---	3	493.5	-----	5.6	5.3	0.3	4.3	4.1	0.2	41.99
(406, 412)	2	SOV	---	---	0	137.8	-----	5.6	5.1	0.6	4.4	3.9	0.4	41.67
(412,7041)	1	SOV	---	---	0	18.0	-----	4.1	3.0	1.1	3.1	2.3	0.8	33.47
(412,7041)	2	SOV	---	---	0	613.0	-----	3.6	3.1	0.5	2.7	2.4	0.4	38.21
(7042, 414)	1	SOV	---	---	0	579.3	-----	3.8	3.5	0.3	2.9	2.7	0.2	42.20
(414, 415)	1	SOV	---	---	0	536.6	-----	2.7	2.5	0.2	2.1	1.9	0.2	45.23
(415, 307)	1	SOV	---	---	0	537.1	-----	3.8	3.5	0.2	2.9	2.7	0.2	50.33
(7013, 8)	1	SOV	---	---	0	505.4	-----	3.7	1.8	1.9	2.8	1.4	1.5	33.75
(8, 132)	1	SOV	---	---	0	459.0	-----	2.7	2.0	0.7	2.1	1.6	0.5	44.33

2038 NO-BUILD

PM Peak

CENTENNIAL_2038_NO-BUILD_PM PEAK

CUMULATIVE FRESIM STATISTICS AT TIME 17 0 0

LINK STATISTICS

LINK	VEHICLES IN	LANE OUT	CURR CHNG	AVG CONT	VEH-CONT	VEH-MILES	SECONDS/VEHICLE TOTAL MIN	SECONDS/VEHICLE MOVE TIME	SECONDS/VEHICLE DELAY TIME	VEH-MIN/VEH-MILE TIME	VEH-MIN/VEH-MILE M/T	VEH-MIN/VEH-MILE TOTAL	VEH-MIN/VEH-MILE DELAY	VOLUME VPHPL	DENSITY VPMPL	SPEED MILE/HR	LINK TYPE
(153, 96)	7499	7489	1223	39	30.8	1844.4	1846.4	14.8	13.8	1.0	0.93	1.00	0.07	1248.5	20.8	59.93	FRWY
(563, 98)	5705	5711	2530	18	27.4	1621.4	1644.3	17.3	15.8	1.5	0.92	1.01	0.09	1141.4	19.3	59.16	FRWY
(154, 101)	4594	4564	1273	70	46.1	2469.2	2767.9	36.2	29.8	6.4	0.82	1.12	0.20	918.4	17.2	53.52	FRWY
(103, 104)	6295	6301	2380	12	18.0	954.6	1080.7	10.3	8.5	1.8	0.82	1.13	0.20	1120.1	21.1	53.00	FRWY
(158, 105)	7632	7625	1186	49	38.1	2166.8	2288.2	18.0	15.8	2.2	0.88	1.06	0.13	1525.4	26.8	56.82	FRWY
(128, 97)	5008	4995	752	50	33.5	2078.8	2007.9	24.1	23.1	1.0	0.96	0.97	0.04	1000.5	16.1	62.12	FRWY
(156, 102)	5840	5797	2438	83	61.4	1431.4	3681.9	38.0	13.7	24.3	0.36	2.57	1.65	1162.7	49.8	23.33	FRWY
(109,7001)	2003	2003	0	1	1.2	64.9	73.8	2.2	2.1	0.1	0.96	1.14	0.05	1001.4	19.0	52.73	RAMP
(102, 103)	4811	4812	1012	32	34.5	2069.6	2070.8	25.8	23.9	2.0	0.92	1.00	0.08	962.3	16.0	59.97	FRWY
(160,7002)	974	965	0	9	7.9	39.3	475.1	29.4	2.7	26.7	0.09	12.09	11.00	484.7	97.7	4.96	RAMP
(7003, 106)	1466	1475	603	0	3.6	127.8	219.0	8.6	6.7	1.9	0.78	1.71	0.38	766.6	21.9	35.01	RAMP
(106, 103)	1475	1483	258	0	5.0	172.1	298.9	12.1	7.6	4.5	0.63	1.74	0.64	1189.7	34.4	34.56	RAMP
(7004, 107)	1337	1336	133	2	1.6	68.8	96.4	4.0	3.2	0.9	0.78	1.40	0.31	717.7	16.8	42.81	RAMP
(107, 104)	1336	1338	775	0	3.4	125.3	207.0	9.3	6.2	3.1	0.66	1.65	0.56	832.2	22.9	36.32	RAMP
(110, 109)	2004	2003	59	1	1.3	70.6	79.7	2.4	2.3	0.1	0.97	1.13	0.04	1001.8	18.9	53.14	RAMP
(96, 110)	2004	2004	45	0	1.0	50.9	57.4	1.7	1.7	0.1	0.97	1.13	0.04	1002.0	18.8	53.17	RAMP

(127, 97)	705	698	474	10	2.5	78.8	148.1	12.7	7.4	5.3	0.58	1.88	0.79	600.5	18.8	31.92	RAMP
(96, 128)	5485	5495	1366	19	25.3	1558.8	1518.8	16.6	15.8	0.8	0.95	0.97	0.05	1097.4	17.8	61.58	FRWY
(128, 129)	487	486	52	2	1.6	83.3	94.8	11.7	11.3	0.4	0.96	1.14	0.04	291.3	5.5	52.73	RAMP
(132, 130)	7265	7262	956	23	18.3	1080.4	1096.3	9.1	8.3	0.8	0.91	1.01	0.09	1303.8	22.1	59.13	FRWY
(131, 130)	247	247	0	0	0.2	10.7	12.7	3.1	2.9	0.2	0.93	1.19	0.09	247.0	4.9	50.48	RAMP
(151, 132)	6722	6728	674	24	31.1	1899.5	1863.0	16.6	15.7	1.0	0.94	0.98	0.06	1345.3	22.0	61.17	FRWY
(105, 137)	6554	6556	1246	26	25.6	1524.8	1534.0	14.1	12.9	1.1	0.92	1.01	0.08	1310.1	22.0	59.64	FRWY
(98, 138)	1215	1214	9	1	2.3	118.2	136.3	6.7	6.4	0.4	0.95	1.15	0.06	1182.3	22.7	52.03	RAMP
(138, 139)	1214	1214	87	0	0.9	46.0	51.9	2.6	2.5	0.1	0.97	1.13	0.04	607.0	11.4	53.14	RAMP
(141, 140)	1416	1392	662	25	17.7	112.3	1061.7	45.4	5.3	40.2	0.12	9.45	8.36	701.2	110.4	6.35	RAMP
(140, 101)	1392	1366	0	38	21.2	195.2	1274.9	55.4	9.3	46.2	0.17	6.53	5.44	1380.1	150.2	9.19	RAMP
(105, 143)	1071	1074	0	2	1.2	63.0	72.8	4.1	3.9	0.2	0.95	1.16	0.06	1072.5	20.7	51.91	RAMP
(7005, 127)	707	705	33	3	0.6	16.3	37.9	2.7	1.6	1.2	0.58	2.32	0.99	418.1	16.2	25.82	RAMP
(129,7006)	486	487	0	0	0.5	21.8	30.6	3.8	3.3	0.4	0.89	1.41	0.16	243.5	5.7	42.69	RAMP
(147, 148)	972	973	0	1	1.6	76.5	98.5	6.1	5.7	0.4	0.93	1.29	0.09	972.8	20.9	46.57	RAMP
(148, 137)	973	972	0	2	1.1	56.4	68.0	4.2	3.8	0.4	0.91	1.21	0.11	972.5	19.6	49.72	RAMP
(163, 149)	6574	6571	2603	64	62.9	3941.9	3774.0	34.2	33.1	1.2	0.97	0.96	0.03	1322.3	21.1	62.67	FRWY
(311, 150)	7533	7535	378	16	18.8	1115.7	1127.9	9.0	8.2	0.8	0.91	1.01	0.09	1506.7	25.4	59.35	FRWY
(152, 153)	7501	7499	672	5	5.0	284.1	299.5	2.4	2.1	0.3	0.88	1.05	0.13	1363.5	24.0	56.91	FRWY
(130, 152)	7509	7501	4973	34	31.1	1846.9	1868.7	14.9	13.7	1.3	0.91	1.01	0.09	1403.1	23.7	59.30	FRWY
(100, 154)	4594	4594	315	23	22.8	1459.8	1369.3	17.7	17.4	0.3	0.98	0.94	0.01	929.2	14.5	63.96	FRWY
(101, 155)	5930	5862	3505	104	72.5	1452.4	4351.1	44.3	14.0	30.3	0.32	3.00	2.05	1103.4	55.1	20.03	FRWY
(155, 156)	5862	5840	1112	23	10.5	221.6	633.0	6.5	2.1	4.4	0.32	2.86	1.93	1170.2	55.7	21.01	FRWY

(104, 157)	7639	7636	4576	39	42.9	2169.9	2572.8	20.2	15.9	4.3	0.79	1.19	0.25	1432.1	28.3	50.60	FRWY
(157, 158)	7636	7632	277	6	5.3	289.2	315.8	2.5	2.1	0.4	0.85	1.09	0.17	1526.9	27.8	54.95	FRWY
(137, 159)	7528	7540	4078	27	32.2	1330.8	1929.9	15.4	10.0	5.4	0.65	1.45	0.51	1360.4	32.9	41.37	FRWY
(150, 151)	7535	7543	317	11	17.1	1025.1	1028.6	8.2	7.6	0.6	0.93	1.00	0.08	1507.7	25.2	59.80	FRWY
(325, 95)	6444	6425	1311	69	65.0	3996.4	3899.1	36.3	34.5	1.9	0.95	0.98	0.05	1287.8	20.9	61.50	FRWY
(102, 160)	986	974	368	14	10.5	78.0	627.4	38.4	5.2	33.2	0.14	8.04	6.95	840.5	112.7	7.46	RAMP
(98, 99)	4496	4516	649	16	30.9	1915.8	1855.0	24.7	23.6	1.1	0.95	0.97	0.04	901.6	14.5	61.97	FRWY
(99, 164)	4516	4515	435	10	20.4	1268.1	1221.4	16.2	15.6	0.7	0.96	0.96	0.04	903.6	14.5	62.29	FRWY
(295, 200)	1339	1339	236	3	3.1	148.3	186.5	8.4	8.3	0.1	0.99	1.26	0.01	532.8	11.2	47.72	FRWY
(203, 201)	1338	1337	29	1	0.7	46.4	43.6	1.8	1.7	0.0	0.98	0.94	0.02	742.3	11.6	63.78	FRWY
(200, 199)	1227	1227	54	1	2.3	101.3	136.5	6.7	6.6	0.1	0.99	1.35	0.01	613.2	13.8	44.52	FRWY
(179, 178)	697	698	16	0	1.2	66.0	72.7	6.3	6.2	0.1	0.99	1.10	0.01	348.7	6.4	54.51	FRWY
(180, 179)	693	697	167	1	2.4	131.5	145.0	12.5	12.4	0.2	0.99	1.10	0.01	283.3	5.2	54.41	FRWY
(181, 180)	559	561	10	0	1.0	52.7	57.8	6.2	6.1	0.0	0.99	1.10	0.01	280.1	5.1	54.78	FRWY
(199, 198)	1227	1229	77	4	2.9	127.4	172.3	8.4	8.3	0.1	0.99	1.35	0.02	613.9	13.8	44.37	FRWY
(198, 197)	1407	1407	339	4	6.2	323.0	371.8	15.9	15.1	0.8	0.95	1.15	0.06	593.4	11.4	52.13	FRWY
(197, 196)	1596	1594	345	6	8.5	453.1	507.8	19.1	18.7	0.5	0.98	1.12	0.03	693.4	13.0	53.54	FRWY
(196, 195)	1594	1596	252	15	14.5	778.5	871.9	32.8	32.1	0.8	0.98	1.12	0.03	796.3	14.9	53.57	FRWY
(182, 181)	556	559	47	0	3.3	180.4	197.9	21.3	21.1	0.2	0.99	1.10	0.01	278.7	5.1	54.70	FRWY
(183, 182)	1780	1651	208	137	26.5	486.3	1587.9	55.7	18.6	37.1	0.33	3.27	2.18	855.9	46.6	18.38	FRWY
(184, 183)	1956	1780	645	190	22.1	684.6	1326.3	42.2	23.7	18.5	0.56	1.94	0.85	941.9	30.4	30.97	FRWY
(205, 204)	189	189	0	0	0.1	6.6	8.9	2.8	2.8	0.0	0.99	1.35	0.02	189.0	4.2	44.50	RAMP
(204, 197)	189	189	0	0	0.2	11.0	14.8	4.7	4.7	0.0	0.99	1.34	0.01	189.0	4.2	44.65	RAMP
(182, 193)	1095	1070	201	28	7.8	120.7	467.6	25.9	6.2	19.7	0.24	3.88	2.95	727.3	47.0	15.48	RAMP

(193, 194)	1070	1038	113	37	8.7	76.0	521.9	29.7	4.0	25.7	0.13	6.87	5.95	505.8	57.9	8.73	RAMP
(208, 209)	132	132	0	0	0.2	11.3	14.5	6.6	6.2	0.4	0.94	1.27	0.07	132.0	2.8	47.12	RAMP
(207, 198)	178	178	0	0	0.3	11.2	15.7	5.3	5.1	0.2	0.95	1.40	0.06	178.0	4.2	42.86	RAMP
(206, 207)	178	178	0	0	0.1	5.1	8.3	2.8	2.6	0.2	0.92	1.64	0.13	178.0	4.9	36.59	RAMP
(200, 210)	112	112	0	0	0.1	5.8	7.7	4.1	4.1	0.0	0.99	1.33	0.01	112.0	2.5	45.06	RAMP
(210, 211)	112	112	0	0	0.1	4.6	6.6	3.5	3.5	0.0	1.00	1.44	0.00	112.0	2.7	41.69	RAMP
(178, 202)	698	698	2	0	0.4	20.4	22.1	1.9	1.6	0.3	0.85	1.08	0.16	349.0	6.3	55.35	FRWY
(139,7009)	1214	1213	0	1	0.7	38.2	43.1	2.1	2.1	0.1	0.97	1.13	0.04	607.0	11.4	53.16	RAMP
(7010, 141)	1462	1416	175	46	23.4	123.4	1401.2	56.0	5.4	50.6	0.10	11.35	10.26	750.9	142.1	5.29	RAMP
(211,7011)	112	112	0	0	0.1	5.0	8.7	4.6	4.6	0.1	0.98	1.72	0.03	112.0	3.2	34.94	RAMP
(7012, 206)	178	178	0	0	0.1	4.5	8.0	2.3	2.2	0.1	0.95	1.80	0.09	208.0	6.2	33.32	RAMP
(7014, 205)	190	189	0	1	0.2	9.6	13.5	4.0	3.7	0.2	0.94	1.41	0.08	203.8	4.8	42.67	RAMP
(194,7015)	1038	1023	0	16	4.2	33.2	253.0	14.7	1.8	12.9	0.12	7.62	6.70	343.8	43.7	7.88	RAMP
(201, 295)	1337	1339	11	2	3.3	188.8	197.1	8.8	8.8	0.0	1.00	1.04	0.00	669.0	11.6	57.47	FRWY
(149, 298)	6571	6574	560	25	30.4	1867.0	1825.3	16.7	15.8	0.9	0.95	0.98	0.05	1314.4	21.4	61.37	FRWY
(533, 299)	6758	6724	2094	52	18.5	708.2	1109.6	9.9	6.0	3.9	0.61	1.57	0.61	1159.5	30.3	38.30	FRWY
(299, 300)	7353	7260	2448	125	57.1	2075.5	3426.6	28.1	15.9	12.3	0.56	1.65	0.72	1378.4	37.9	36.34	FRWY
(300, 301)	7260	7102	1903	226	129.7	3528.7	7780.1	65.0	27.3	37.8	0.42	2.20	1.28	1436.0	52.8	27.21	FRWY
(301, 302)	7102	7018	2749	111	67.5	1471.1	4047.6	34.4	11.6	22.8	0.34	2.75	1.83	1412.3	64.8	21.81	FRWY
(302, 303)	7018	6887	1348	158	112.8	1974.4	6769.1	58.4	15.8	42.7	0.27	3.43	2.50	1390.0	79.4	17.50	FRWY
(303, 304)	6112	6067	978	67	74.9	912.5	4491.7	44.2	8.3	35.9	0.19	4.92	4.00	1218.3	99.9	12.19	FRWY
(304, 305)	6067	6014	4632	99	88.0	1713.8	5280.8	52.5	15.8	36.8	0.30	3.08	2.16	1206.5	62.0	19.47	FRWY
(305, 306)	7563	7562	2440	55	41.3	1324.9	2480.5	19.7	10.4	9.3	0.53	1.87	0.88	1363.6	42.6	32.05	FRWY

(306, 307)	5293	5295	1185	42	47.8	2895.2	2868.2	32.5	30.4	2.2	0.93	0.99	0.07	1057.9	17.5	60.57	FRWY
(307, 310)	5817	5819	1039	13	15.3	929.8	919.7	9.5	8.9	0.6	0.94	0.99	0.06	1051.3	17.3	60.66	FRWY
(310, 311)	7531	7533	4269	39	39.9	2140.4	2395.7	19.1	15.9	3.2	0.83	1.12	0.19	1412.7	26.4	53.61	FRWY
(159, 312)	7540	7540	633	14	15.6	809.8	934.8	7.4	6.0	1.5	0.80	1.15	0.23	1508.1	29.0	51.97	FRWY
(312, 313)	7540	7549	375	13	23.0	1333.6	1382.6	11.0	9.9	1.1	0.90	1.04	0.11	1509.4	26.1	57.87	FRWY
(313, 314)	5750	5747	2453	56	69.9	4045.6	4192.2	43.7	39.1	4.7	0.89	1.04	0.11	1150.3	19.9	57.90	FRWY
(314, 315)	7568	7569	3321	10	22.5	546.1	1352.9	10.7	4.5	6.2	0.42	2.48	1.44	1307.6	54.0	24.22	FRWY
(555, 316)	8129	8135	506	21	23.0	1159.9	1381.7	10.2	7.9	2.3	0.78	1.19	0.26	1626.6	32.3	50.37	FRWY
(316, 317)	6487	6496	784	33	35.3	2148.0	2119.1	19.6	18.4	1.2	0.94	0.99	0.06	1298.4	21.3	60.82	FRWY
(317, 318)	6496	6486	581	24	30.0	1844.5	1800.7	16.6	15.8	0.9	0.95	0.98	0.05	1298.6	21.1	61.46	FRWY
(318, 319)	7382	7377	1725	33	35.3	2096.0	2118.5	17.2	15.8	1.4	0.92	1.01	0.08	1392.1	23.4	59.36	FRWY
(319, 320)	7377	7376	261	18	16.8	1026.6	1007.6	8.2	7.7	0.5	0.94	0.98	0.06	1474.9	24.1	61.13	FRWY
(320, 321)	7376	7373	4046	36	40.7	2331.1	2444.1	19.9	17.5	2.3	0.88	1.05	0.12	1475.8	25.8	57.23	FRWY
(321, 322)	7373	7386	1493	37	35.5	2095.9	2127.6	17.3	15.9	1.4	0.92	1.02	0.08	1279.4	21.6	59.11	FRWY
(322, 323)	5518	5504	635	22	29.9	1847.6	1791.4	19.5	18.6	0.9	0.95	0.97	0.04	1102.3	17.8	61.88	FRWY
(323, 324)	6046	6044	943	10	16.8	1023.9	1008.5	10.0	9.4	0.6	0.94	0.98	0.06	1098.9	18.0	60.92	FRWY
(324, 325)	6437	6444	1094	19	30.2	1830.6	1814.8	16.9	15.8	1.1	0.93	0.99	0.07	1215.8	20.1	60.52	FRWY
(7023, 147)	973	972	0	1	1.0	37.5	60.7	3.4	2.8	0.6	0.83	1.62	0.28	1070.8	28.9	37.06	RAMP
(143,7025)	1074	1075	0	0	0.6	30.9	38.1	2.1	2.0	0.1	0.95	1.23	0.07	1074.9	22.0	48.76	RAMP
(144, 131)	247	247	0	1	0.1	6.9	8.5	2.1	2.0	0.1	0.97	1.23	0.03	247.0	5.1	48.61	RAMP
(7022, 144)	248	247	0	2	0.2	8.8	11.9	2.6	2.3	0.3	0.89	1.35	0.14	273.8	6.2	44.30	RAMP
(347, 348)	1799	1797	521	2	1.5	74.3	87.7	2.9	2.9	0.1	0.98	1.18	0.02	899.2	17.7	50.81	FRWY
(348, 349)	1797	1797	102	3	2.4	115.4	141.7	4.7	4.6	0.1	0.97	1.23	0.03	898.3	18.4	48.84	FRWY
(560, 370)	4043	4039	123	8	5.2	312.3	312.6	4.6	4.3	0.3	0.93	1.00	0.07	1010.2	16.9	59.94	FRWY

(370, 371)	3621	3616	387	20	19.7	1228.5	1179.5	19.6	18.9	0.7	0.96	0.96	0.03	904.9	14.5	62.49	FRWY
(371, 372)	3616	3614	694	18	16.2	1008.1	970.4	16.1	15.5	0.6	0.96	0.96	0.04	903.4	14.5	62.33	FRWY
(372, 373)	4491	4497	1666	8	13.8	782.3	828.0	11.1	9.7	1.4	0.88	1.06	0.13	1001.2	17.7	56.69	FRWY
(373, 374)	4497	4498	177	7	8.2	495.1	490.6	6.5	6.1	0.4	0.93	0.99	0.06	1124.9	18.6	60.56	FRWY
(374, 375)	4498	4504	244	15	12.8	783.6	765.8	10.2	9.7	0.5	0.95	0.98	0.05	1125.5	18.3	61.39	FRWY
(375, 376)	3911	3913	383	12	18.2	1136.3	1094.2	16.8	16.1	0.6	0.96	0.96	0.04	978.4	15.7	62.31	FRWY
(376, 377)	4570	4569	973	9	10.8	639.5	647.9	8.5	7.8	0.7	0.92	1.01	0.09	991.3	16.7	59.22	FRWY
(377, 378)	5197	5199	1872	17	21.8	1280.2	1309.8	15.1	13.7	1.4	0.91	1.02	0.10	1196.3	20.4	58.64	FRWY
(7028, 368)	1046	1048	59	6	4.7	250.4	283.1	16.0	15.5	0.5	0.97	1.13	0.04	353.9	6.7	53.05	FRWY
(378, 384)	5199	5203	73	2	3.2	197.0	194.4	2.2	2.1	0.1	0.94	0.99	0.06	1300.5	21.4	60.81	FRWY
(384, 385)	5203	5183	371	25	20.9	1278.9	1251.3	14.5	13.7	0.7	0.95	0.98	0.05	1298.5	21.2	61.32	FRWY
(385, 386)	4631	4627	660	48	36.1	2234.8	2167.6	28.1	26.9	1.3	0.96	0.97	0.04	1155.5	18.7	61.86	FRWY
(402, 403)	1709	1709	306	7	5.3	235.5	316.0	11.1	9.8	1.3	0.88	1.34	0.16	854.1	19.1	44.72	RAMP
(562,7030)	1047	1038	0	10	2.5	37.5	151.7	8.7	2.5	6.3	0.28	4.04	2.91	347.6	23.4	14.84	FRWY
(400, 401)	2871	2869	226	13	36.0	815.4	2160.3	45.2	16.1	29.1	0.36	2.65	1.70	717.5	31.7	22.65	FRWY
(401, 382)	1821	1820	0	2	4.6	71.0	276.5	9.1	3.1	6.0	0.34	3.89	2.56	1819.7	118.1	15.41	RAMP
(399, 400)	2869	2871	385	5	12.0	360.1	719.4	15.1	7.0	8.1	0.46	2.00	1.07	717.0	23.9	30.03	FRWY
(564, 399)	4574	4580	2198	7	17.0	736.9	1022.2	13.4	9.0	4.4	0.67	1.39	0.46	1144.3	26.5	43.25	FRWY
(397, 398)	4563	4572	1797	4	18.9	735.1	1132.0	14.9	9.0	5.9	0.61	1.54	0.61	1008.2	25.9	38.96	FRWY
(395, 396)	3897	3890	485	28	21.6	1342.9	1297.9	20.0	19.1	0.9	0.96	0.97	0.04	973.5	15.7	62.08	FRWY
(394, 395)	4550	4547	158	10	7.9	482.5	476.6	6.3	5.9	0.4	0.94	0.99	0.06	1137.4	18.7	60.75	FRWY
(393, 394)	4549	4550	308	12	13.4	809.4	802.2	10.6	9.9	0.7	0.93	0.99	0.07	1136.6	18.8	60.54	FRWY
(392, 393)	4546	4549	807	4	8.3	482.3	500.5	6.6	5.9	0.7	0.89	1.04	0.11	946.6	16.4	57.82	FRWY

(391, 392)	4030	4022	1395	22	13.6	825.9	813.5	12.1	11.4	0.8	0.94	0.98	0.06	912.7	15.0	60.91	FRWY
(390, 391)	3660	3665	393	11	17.4	1080.2	1042.3	17.1	16.3	0.7	0.96	0.96	0.04	915.2	14.7	62.18	FRWY
(389, 390)	4263	4261	398	19	19.6	1210.4	1178.8	16.6	15.8	0.8	0.95	0.97	0.05	1065.1	17.3	61.61	FRWY
(388, 389)	4264	4263	132	6	6.4	396.6	383.8	5.4	5.2	0.2	0.95	0.97	0.04	1066.3	17.2	62.00	FRWY
(387, 388)	4254	4264	1534	16	19.7	1209.9	1180.0	16.6	15.7	0.9	0.95	0.98	0.05	990.4	16.1	61.52	FRWY
(166, 404)	4094	4091	161	10	9.2	581.2	554.1	8.1	7.9	0.2	0.97	0.95	0.03	1022.9	16.3	62.94	FRWY
(404, 387)	3859	3859	403	20	18.9	1185.3	1133.1	17.6	17.0	0.6	0.97	0.96	0.03	964.6	15.4	62.76	FRWY
(306, 405)	2269	2267	0	5	3.2	140.1	194.9	5.2	4.1	1.1	0.79	1.39	0.30	2268.8	52.6	43.13	RAMP
(558, 406)	2262	2263	0	0	3.1	132.8	187.2	5.0	4.6	0.3	0.93	1.41	0.09	1710.5	40.2	42.57	FRWY
(351, 408)	1314	1313	315	4	1.9	78.9	112.7	5.1	4.8	0.3	0.93	1.43	0.10	656.9	15.6	41.97	RAMP
(408, 409)	1313	1317	168	2	3.8	155.3	229.8	10.5	9.5	1.0	0.90	1.48	0.15	887.3	21.9	40.55	RAMP
(410, 405)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	FRWY
(413, 409)	1679	1677	0	7	6.0	242.9	359.5	12.8	11.6	1.2	0.91	1.48	0.14	1678.9	41.4	40.54	FRWY
(349, 350)	1319	1318	225	5	5.9	290.2	354.8	16.1	15.8	0.3	0.98	1.22	0.02	659.3	13.4	49.07	RAMP
(350, 351)	1318	1314	120	8	4.9	218.7	293.8	13.4	13.1	0.3	0.98	1.34	0.03	659.1	14.8	44.67	RAMP
(406, 413)	1679	1679	0	4	6.8	287.4	407.2	14.5	13.7	0.8	0.95	1.42	0.08	1680.7	39.7	42.35	FRWY
(416,7031)	417	417	0	0	0.3	14.7	17.5	2.5	2.4	0.1	0.97	1.19	0.04	417.0	8.3	50.47	RAMP
(7032, 435)	877	876	0	1	1.0	42.1	57.2	3.6	3.2	0.4	0.89	1.36	0.15	947.0	21.4	44.22	RAMP
(435, 436)	876	876	0	0	0.8	36.7	45.6	3.1	3.0	0.1	0.97	1.24	0.04	876.0	18.1	48.27	RAMP
(436, 372)	876	877	0	1	1.0	48.2	57.7	3.9	3.6	0.3	0.91	1.20	0.10	877.0	17.5	50.12	RAMP
(395, 437)	650	652	34	0	1.2	66.4	74.8	6.9	6.7	0.2	0.97	1.13	0.04	518.3	9.7	53.24	RAMP
(437,7033)	652	654	0	1	1.0	48.2	60.3	5.5	5.2	0.3	0.94	1.25	0.07	326.5	6.8	47.99	RAMP
(7034, 440)	675	675	0	1	0.7	29.4	40.7	3.3	2.9	0.5	0.86	1.38	0.19	736.7	17.0	43.36	RAMP
(440, 441)	675	675	0	3	0.8	36.7	46.9	4.2	3.9	0.3	0.93	1.28	0.09	674.9	14.4	46.90	RAMP

(7035, 443)	657	657	0	0	0.8	26.3	46.3	3.9	2.9	0.9	0.76	1.76	0.42	719.6	21.1	34.07	RAMP
(443, 444)	657	657	0	0	0.6	25.9	34.7	3.2	2.8	0.3	0.90	1.34	0.14	657.0	14.7	44.71	RAMP
(444, 376)	657	657	0	0	1.7	87.8	100.8	9.2	8.8	0.4	0.95	1.15	0.05	657.0	12.6	52.29	RAMP
(375, 442)	593	592	0	1	0.8	40.7	46.0	4.7	4.5	0.1	0.97	1.13	0.03	592.4	11.1	53.18	RAMP
(442,7036)	592	592	0	0	0.6	28.0	33.5	3.4	3.3	0.1	0.98	1.19	0.03	592.0	11.8	50.25	RAMP
(7037, 454)	624	625	0	0	0.7	29.4	39.5	3.5	3.1	0.4	0.89	1.34	0.14	675.1	15.1	44.63	RAMP
(454, 455)	625	626	0	0	0.6	29.7	36.6	3.5	3.4	0.1	0.98	1.23	0.03	625.8	12.8	48.77	RAMP
(455, 377)	626	628	0	0	0.9	45.4	52.7	5.0	4.7	0.3	0.94	1.16	0.07	627.2	12.1	51.63	RAMP
(390, 458)	601	599	0	3	1.5	78.2	92.5	9.2	8.5	0.7	0.92	1.18	0.09	600.4	11.8	50.77	RAMP
(456, 457)	365	365	0	0	0.2	11.1	14.6	2.4	2.2	0.2	0.91	1.32	0.12	365.0	8.0	45.44	RAMP
(457, 391)	365	365	0	0	0.2	10.1	12.5	2.0	1.8	0.2	0.89	1.23	0.14	365.0	7.5	48.60	RAMP
(7038, 456)	366	365	0	1	0.2	9.6	14.6	2.1	1.6	0.4	0.79	1.52	0.32	424.6	10.8	39.40	RAMP
(458,7039)	599	598	0	1	0.8	23.9	49.6	5.0	2.8	2.2	0.57	2.07	0.90	598.9	20.7	28.95	RAMP
(7040, 466)	522	523	0	0	0.5	23.6	32.1	3.4	3.0	0.4	0.89	1.36	0.15	567.5	12.8	44.25	RAMP
(466, 467)	523	523	0	0	0.4	21.7	26.8	3.1	3.0	0.1	0.97	1.23	0.03	523.0	10.8	48.62	RAMP
(467, 392)	523	524	0	0	0.6	29.4	34.7	4.0	3.7	0.3	0.93	1.18	0.09	523.3	10.3	50.86	RAMP
(309,7043)	1647	1646	0	2	5.3	80.1	317.0	11.6	3.5	8.1	0.30	3.96	2.76	1646.3	108.5	15.17	RAMP
(7044, 483)	899	899	0	3	1.6	69.8	93.5	6.0	5.3	0.6	0.90	1.34	0.14	943.1	21.1	44.80	RAMP
(484, 318)	896	896	0	2	1.2	60.8	72.5	4.9	4.4	0.4	0.92	1.19	0.10	896.6	17.8	50.32	RAMP
(483, 484)	899	896	0	5	0.9	44.0	55.1	3.7	3.5	0.1	0.96	1.25	0.05	897.5	18.7	47.93	RAMP
(303, 487)	775	773	0	4	2.1	65.5	123.7	9.6	5.5	4.0	0.58	1.89	0.80	773.8	24.3	31.79	RAMP
(487, 488)	773	764	0	9	1.9	72.5	116.4	9.1	6.7	2.3	0.74	1.61	0.41	770.0	20.6	37.37	RAMP
(488,7046)	764	754	0	10	1.5	42.0	89.1	7.0	4.0	3.1	0.56	2.12	0.92	758.9	26.9	28.26	RAMP

(490, 305)	1549	1549	0	4	4.8	205.5	289.7	11.2	8.7	2.5	0.78	1.41	0.31	1549.8	36.4	42.56	RAMP
(489, 490)	1550	1549	0	3	2.9	135.7	174.4	6.7	6.3	0.4	0.94	1.29	0.08	1550.6	33.2	46.67	RAMP
(7047, 489)	1550	1550	0	3	2.4	98.0	146.2	5.3	4.3	1.0	0.81	1.49	0.29	1642.5	40.9	40.21	RAMP
(7045, 531)	661	649	116	12	1.0	31.5	61.8	5.2	2.5	2.8	0.47	1.96	1.03	354.4	11.6	30.63	RAMP
(531, 532)	649	639	4	10	0.9	25.3	51.5	4.8	2.2	2.6	0.46	2.03	1.11	434.5	14.7	29.54	RAMP
(532, 299)	639	629	0	10	1.1	25.0	66.4	6.3	2.2	4.1	0.35	2.66	1.73	634.2	28.1	22.58	RAMP
(322, 522)	1868	1869	22	0	1.6	83.9	93.4	3.0	2.9	0.1	0.98	1.11	0.02	934.4	17.3	53.90	RAMP
(7049, 523)	535	537	0	0	0.5	20.2	32.6	3.3	3.1	0.2	0.93	1.61	0.11	589.8	15.9	37.20	RAMP
(523, 524)	537	540	0	0	0.9	42.3	56.9	6.3	5.7	0.7	0.90	1.34	0.14	538.5	12.1	44.65	RAMP
(524, 323)	540	542	0	0	0.8	40.8	47.9	5.3	5.0	0.3	0.93	1.17	0.08	541.4	10.6	51.17	RAMP
(298, 533)	5436	5422	775	43	30.0	1820.3	1799.0	19.9	18.6	1.3	0.94	0.99	0.06	1087.3	17.9	60.71	FRWY
(7050, 529)	1355	1357	599	0	1.6	50.3	98.1	3.9	3.0	0.9	0.77	1.95	0.45	749.6	24.4	30.75	RAMP
(529, 530)	1357	1353	96	7	1.5	41.9	88.2	3.9	2.2	1.7	0.57	2.11	0.90	754.3	26.5	28.46	RAMP
(530, 533)	1353	1336	0	20	3.8	127.2	226.1	10.1	6.2	3.9	0.62	1.78	0.68	1345.5	39.9	33.75	RAMP
(7051, 525)	390	390	0	0	0.4	17.6	23.3	3.3	3.0	0.3	0.91	1.33	0.12	423.5	9.4	45.28	RAMP
(525, 526)	390	393	0	0	0.6	29.5	36.1	5.5	5.4	0.1	0.98	1.22	0.02	391.5	8.0	49.07	RAMP
(526, 324)	393	393	0	0	0.7	38.9	44.4	6.8	6.5	0.3	0.96	1.14	0.05	393.0	7.5	52.56	RAMP
(298, 534)	1138	1139	0	1	1.8	105.0	105.1	5.5	5.1	0.4	0.92	1.00	0.08	1138.3	19.0	59.91	RAMP
(534,7052)	1139	1138	0	1	1.0	57.5	62.4	3.3	2.8	0.5	0.85	1.08	0.16	1138.1	20.6	55.31	RAMP
(313, 347)	1799	1799	0	4	2.7	139.0	160.4	5.4	5.1	0.3	0.95	1.15	0.06	1799.2	34.6	51.99	RAMP
(315, 554)	8124	8122	3181	15	25.2	850.6	1512.9	11.2	5.9	5.2	0.53	1.78	0.83	1375.5	40.8	33.73	FRWY
(554, 555)	8122	8129	997	8	21.3	985.1	1276.6	9.4	6.7	2.7	0.71	1.30	0.37	1625.3	35.1	46.30	FRWY
(522,7048)	1869	1869	0	1	1.7	87.8	104.0	3.3	3.3	0.1	0.98	1.18	0.03	934.4	18.4	50.65	RAMP
(405, 558)	2267	2262	0	5	2.4	108.1	141.9	3.8	3.4	0.4	0.91	1.31	0.12	1132.2	24.8	45.71	FRWY

(409, 559)	2994	2992	101	5	4.4	186.6	265.0	5.3	5.0	0.3	0.94	1.42	0.08	1497.1	35.4	42.25	FRWY
(369, 560)	4041	4043	869	2	6.2	353.7	373.7	5.5	4.9	0.7	0.88	1.06	0.13	1010.5	17.8	56.79	FRWY
(401, 562)	1048	1047	12	1	1.5	35.7	88.9	5.1	2.2	2.9	0.43	2.49	1.43	349.3	14.5	24.12	FRWY
(97, 563)	5693	5705	1402	23	27.1	1618.8	1623.1	17.1	15.8	1.3	0.92	1.00	0.08	1075.1	18.0	59.84	FRWY
(398, 564)	4572	4574	289	9	11.8	563.0	705.4	9.3	6.8	2.4	0.74	1.25	0.33	1143.4	23.9	47.89	FRWY
(27, 28)	1749	1753	196	5	5.5	331.5	331.2	11.4	10.5	0.8	0.93	1.00	0.07	583.5	9.7	60.06	FRWY
(28, 29)	3029	3030	337	4	7.5	459.0	449.5	8.9	8.4	0.5	0.94	0.98	0.05	757.4	12.4	61.27	FRWY
(29, 30)	3030	3034	65	3	4.5	287.1	272.6	5.4	5.3	0.1	0.97	0.95	0.02	757.9	12.0	63.18	FRWY
(30, 31)	4398	4391	2592	20	20.1	1247.7	1203.3	16.4	15.8	0.7	0.96	0.96	0.04	878.3	14.1	62.21	FRWY
(31, 32)	4391	4389	1053	12	11.5	713.1	688.2	9.4	9.0	0.4	0.96	0.97	0.04	877.7	14.1	62.17	FRWY
(32, 33)	4389	4382	449	14	9.9	622.8	592.7	8.1	7.9	0.2	0.97	0.95	0.03	747.4	11.9	63.04	FRWY
(33, 34)	4382	4374	297	16	10.0	621.9	600.7	8.2	8.0	0.2	0.98	0.97	0.02	729.8	11.7	62.13	FRWY
(34, 35)	3203	3195	172	11	6.2	392.5	370.6	7.0	6.8	0.1	0.98	0.94	0.02	639.7	10.1	63.55	FRWY
(35, 36)	3195	3190	190	7	7.5	477.2	450.7	8.5	8.3	0.2	0.98	0.94	0.02	638.7	10.1	63.52	FRWY
(36, 37)	3190	3191	201	5	8.3	528.6	498.9	9.4	9.2	0.2	0.98	0.94	0.02	638.0	10.0	63.57	FRWY
(37, 54)	3191	3186	211	14	9.5	601.1	567.1	10.7	10.5	0.2	0.98	0.94	0.02	637.3	10.0	63.60	FRWY
(54, 55)	4140	4142	1302	10	8.4	510.2	501.1	7.3	6.8	0.4	0.94	0.98	0.06	728.1	11.9	61.10	FRWY
(55, 56)	4142	4138	166	9	6.3	392.0	376.3	5.5	5.3	0.2	0.96	0.96	0.04	827.8	13.2	62.50	FRWY
(56, 57)	5139	5140	1650	19	16.3	973.1	979.6	11.4	10.5	0.9	0.92	1.01	0.08	942.7	15.8	59.60	FRWY
(57, 58)	5140	5149	179	9	7.8	487.2	469.9	5.5	5.3	0.2	0.96	0.96	0.04	1029.1	16.5	62.21	FRWY
(58, 59)	5149	5148	697	10	9.0	565.5	540.6	6.3	6.1	0.2	0.97	0.96	0.03	1029.6	16.4	62.76	FRWY
(59, 60)	5148	5150	1463	13	13.4	821.8	803.2	9.4	8.9	0.5	0.95	0.98	0.05	1214.8	19.8	61.39	FRWY
(60, 61)	5150	5163	1769	13	24.5	1465.0	1467.8	17.1	15.8	1.3	0.92	1.00	0.08	1289.2	21.5	59.88	FRWY

(61, 62)	4655	4651	240	12	14.4	881.4	862.9	11.1	10.6	0.5	0.95	0.98	0.05	1163.4	19.0	61.29	FRWY
(62, 63)	3738	3741	282	8	12.5	785.4	751.7	12.1	11.6	0.4	0.96	0.96	0.03	934.8	14.9	62.69	FRWY
(63, 64)	3741	3732	293	18	13.0	813.3	778.7	12.5	12.1	0.4	0.96	0.96	0.03	934.3	14.9	62.67	FRWY
(64, 65)	4718	4722	1452	21	15.0	893.7	897.1	11.4	10.5	0.9	0.92	1.00	0.08	1060.4	17.7	59.77	FRWY
(65, 66)	4722	4721	156	8	7.3	447.0	435.2	5.5	5.3	0.3	0.95	0.97	0.05	1180.0	19.1	61.63	FRWY
(66, 67)	4721	4710	1997	17	13.5	837.6	811.8	10.3	9.9	0.5	0.95	0.97	0.04	1178.7	19.0	61.91	FRWY
(67, 68)	4710	4709	868	17	20.0	1159.2	1198.9	15.3	13.7	1.6	0.89	1.03	0.11	1177.0	20.3	58.01	FRWY
(68, 69)	4709	4695	280	24	22.0	1335.1	1321.3	16.9	15.9	1.0	0.94	0.99	0.06	1174.9	19.4	60.63	FRWY
(69, 70)	2898	2897	333	13	14.8	930.3	885.5	18.3	17.8	0.5	0.97	0.95	0.03	724.5	11.5	63.03	FRWY
(70, 71)	2897	2897	138	5	6.8	426.8	406.0	8.4	8.2	0.2	0.97	0.95	0.03	724.1	11.5	63.07	FRWY
(71, 72)	3220	3212	665	17	14.6	913.5	878.2	16.4	15.8	0.6	0.96	0.96	0.04	747.8	12.0	62.41	FRWY
(72, 73)	3212	3216	1935	14	21.7	1348.5	1304.9	24.4	23.3	1.1	0.96	0.97	0.04	803.6	13.0	62.01	FRWY
(73, 74)	3216	3204	256	18	15.0	913.4	897.4	16.7	16.1	0.7	0.96	0.98	0.04	803.7	13.2	61.07	FRWY
(74, 75)	1388	1386	127	9	8.7	552.3	523.2	22.6	22.1	0.5	0.98	0.95	0.02	463.1	7.3	63.33	FRWY
(75, 76)	1917	1916	704	1	3.2	190.9	189.7	5.9	5.5	0.4	0.93	0.99	0.07	497.1	8.2	60.38	FRWY
(76, 77)	2250	2250	468	1	2.4	136.8	144.5	3.9	3.4	0.5	0.88	1.06	0.13	571.8	10.1	56.81	FRWY
(568, 569)	2074	2074	112	0	1.8	78.6	105.4	3.0	2.1	0.9	0.69	1.34	0.41	691.3	15.5	44.74	FRWY
(569, 570)	1180	1175	95	5	4.7	276.2	279.2	14.2	13.0	1.3	0.91	1.01	0.09	392.4	6.6	59.36	FRWY
(570, 571)	2035	2028	257	7	5.2	317.0	311.9	9.2	8.6	0.6	0.94	0.98	0.06	507.7	8.3	60.98	FRWY
(571, 572)	2180	2173	352	13	9.9	618.4	591.2	16.3	15.7	0.6	0.96	0.96	0.03	506.2	8.1	62.75	FRWY
(572, 573)	2173	2167	479	22	14.3	901.7	858.2	23.7	23.0	0.7	0.97	0.95	0.03	542.3	8.6	63.05	FRWY
(573, 574)	2167	2179	213	0	9.8	616.8	589.5	16.3	15.8	0.5	0.97	0.96	0.03	542.8	8.6	62.78	FRWY
(574, 575)	2011	2017	142	0	7.6	483.1	458.4	13.6	13.3	0.4	0.97	0.95	0.03	503.7	8.0	63.24	FRWY
(575, 576)	2017	2012	272	6	10.5	664.3	630.8	18.8	18.2	0.5	0.97	0.95	0.03	503.9	8.0	63.18	FRWY

(576, 577)	3594	3581	2361	25	17.5	1019.7	1048.2	17.5	15.8	1.8	0.90	1.03	0.10	834.7	14.3	58.37	FRWY
(577, 578)	3581	3568	267	23	13.7	863.3	824.8	13.9	13.4	0.5	0.97	0.96	0.03	893.1	14.2	62.80	FRWY
(578, 579)	3568	3561	1379	19	11.8	717.5	706.4	11.9	11.1	0.7	0.94	0.98	0.06	891.8	14.6	60.95	FRWY
(579, 580)	3561	3562	149	4	5.5	337.2	328.5	5.5	5.2	0.3	0.95	0.97	0.05	890.1	14.5	61.57	FRWY
(580, 581)	3562	3565	201	10	11.0	674.7	658.5	11.1	10.6	0.5	0.95	0.98	0.04	890.7	14.5	61.48	FRWY
(581, 582)	2634	2638	165	11	8.2	522.0	494.1	11.2	11.0	0.3	0.97	0.95	0.02	659.3	10.4	63.39	FRWY
(582, 583)	2638	2645	188	8	9.8	621.7	587.1	13.3	13.0	0.3	0.98	0.94	0.02	660.2	10.4	63.54	FRWY
(583, 584)	3013	3008	625	15	9.2	570.0	550.3	11.0	10.5	0.5	0.96	0.97	0.04	676.3	10.9	62.15	FRWY
(584, 585)	3733	3727	3056	18	17.5	1060.4	1050.2	16.9	15.7	1.1	0.93	0.99	0.07	823.4	13.6	60.58	FRWY
(585, 586)	3727	3725	313	12	8.8	506.7	525.4	8.5	7.5	0.9	0.89	1.04	0.11	931.4	16.1	57.86	FRWY
(586, 587)	3725	3724	90	8	7.6	462.0	454.1	7.3	6.9	0.4	0.94	0.98	0.06	931.0	15.3	61.04	FRWY
(587, 588)	3724	3726	57	7	5.7	352.6	341.5	5.5	5.2	0.3	0.95	0.97	0.05	930.8	15.0	61.94	FRWY
(588, 589)	3726	3724	168	16	11.7	705.7	702.7	11.3	10.6	0.7	0.94	1.00	0.06	931.5	15.5	60.25	FRWY
(589, 590)	2032	2022	86	11	4.9	312.1	293.4	8.7	8.5	0.2	0.98	0.94	0.02	506.1	7.9	63.83	FRWY
(590, 591)	2022	2021	65	4	3.7	235.3	220.2	6.5	6.4	0.1	0.99	0.94	0.01	505.9	7.9	64.12	FRWY
(591, 592)	2021	2024	68	2	4.1	261.5	245.0	7.3	7.2	0.1	0.98	0.94	0.01	505.5	7.9	64.06	FRWY
(592, 593)	2437	2440	186	5	7.3	461.7	437.0	10.8	10.5	0.3	0.98	0.95	0.02	487.5	7.7	63.38	FRWY
(593, 594)	2895	2902	567	3	4.4	274.6	263.1	5.4	5.2	0.2	0.96	0.96	0.03	491.5	7.8	62.61	FRWY
(594, 595)	2902	2896	212	12	8.6	549.2	518.1	10.7	10.5	0.2	0.98	0.94	0.02	579.9	9.1	63.60	FRWY
(595, 596)	2896	2896	74	5	3.9	249.0	234.0	4.8	4.8	0.1	0.98	0.94	0.02	579.3	9.1	63.86	FRWY
(596, 597)	2896	2892	3070	7	6.5	411.1	387.1	8.0	7.9	0.2	0.98	0.94	0.02	578.8	9.1	63.72	FRWY
(597, 598)	2892	2885	556	10	6.6	410.5	393.7	8.2	7.9	0.3	0.96	0.96	0.04	577.9	9.2	62.56	FRWY
(598, 599)	2885	2871	221	26	13.1	818.1	788.8	16.4	16.0	0.4	0.98	0.96	0.02	575.9	9.3	62.23	FRWY

(600, 601)	1436	1434	67	4	3.9	247.2	233.2	9.8	9.6	0.2	0.98	0.94	0.02	478.0	7.5	63.59	FRWY
(601, 602)	1434	1433	32	2	2.1	135.7	128.0	5.4	5.3	0.1	0.98	0.94	0.02	367.6	5.8	63.65	FRWY
(602, 603)	1433	1433	74	1	4.3	271.4	256.1	10.7	10.5	0.2	0.98	0.94	0.02	477.6	7.5	63.57	FRWY
(599, 600)	1437	1436	115	7	5.9	374.7	354.0	14.8	14.5	0.3	0.98	0.94	0.02	479.2	7.5	63.51	FRWY
(77,7053)	2250	2251	0	1	1.4	79.3	81.7	2.2	2.0	0.2	0.90	1.03	0.10	750.2	12.9	58.26	FRWY
(7054, 568)	2075	2074	507	1	2.3	98.3	138.2	3.7	2.4	1.3	0.66	1.41	0.48	749.3	17.5	42.70	FRWY
(441, 397)	675	675	0	2	1.0	38.1	58.2	5.2	3.7	1.5	0.71	1.53	0.44	675.3	17.2	39.30	RAMP
(626, 627)	1750	1750	35	3	2.6	138.8	154.0	5.3	5.2	0.1	0.99	1.11	0.02	582.8	10.8	54.08	FRWY
(627, 27)	1750	1749	40	2	2.0	106.0	118.7	4.1	4.0	0.1	0.98	1.12	0.03	583.2	10.9	53.62	FRWY
(629, 28)	1275	1276	0	1	1.7	81.7	104.4	4.9	4.2	0.7	0.85	1.28	0.19	1275.6	27.2	46.92	RAMP
(628, 629)	1279	1275	0	4	2.1	83.7	126.7	6.0	5.2	0.7	0.88	1.51	0.18	1277.0	32.2	39.64	RAMP
(631, 30)	1366	1364	0	4	2.6	128.5	153.1	6.7	6.2	0.6	0.92	1.19	0.10	1365.6	27.1	50.39	RAMP
(630, 631)	1366	1366	0	3	2.3	110.8	138.5	6.1	5.8	0.2	0.96	1.25	0.05	1366.3	28.5	47.96	RAMP
(34, 632)	1171	1171	38	0	1.0	52.6	58.6	3.0	2.9	0.1	0.98	1.11	0.02	585.5	10.9	53.82	RAMP
(632, 633)	1171	1171	36	0	1.2	63.0	70.0	3.6	3.5	0.1	0.99	1.11	0.02	585.5	10.8	54.02	RAMP
(635, 54)	956	954	0	5	2.3	113.9	138.0	8.7	7.8	0.9	0.90	1.21	0.12	956.0	19.3	49.52	RAMP
(634, 635)	958	956	0	4	2.1	84.8	124.6	7.8	7.1	0.7	0.91	1.47	0.14	957.1	23.4	40.86	RAMP
(637, 56)	1002	1001	0	2	2.3	122.8	138.2	8.3	8.0	0.3	0.97	1.13	0.04	1002.0	18.8	53.29	RAMP
(636, 637)	1002	1002	0	0	1.6	85.2	95.8	5.7	5.6	0.2	0.97	1.12	0.03	1002.0	18.8	53.34	RAMP
(61, 638)	508	508	0	1	0.8	43.1	48.0	5.7	5.5	0.1	0.98	1.11	0.02	508.2	9.4	53.94	RAMP
(638, 639)	508	506	27	3	0.6	32.5	37.0	4.4	4.2	0.2	0.96	1.14	0.05	297.7	5.7	52.66	RAMP
(62, 640)	913	915	0	0	1.3	70.0	79.0	5.2	5.0	0.2	0.97	1.13	0.03	913.1	17.2	53.19	RAMP
(640, 641)	915	915	37	0	0.7	38.1	44.8	2.9	2.9	0.0	0.98	1.17	0.02	592.1	11.6	51.08	RAMP
(643, 64)	986	986	0	2	2.1	109.0	124.6	7.6	7.3	0.3	0.96	1.14	0.04	985.6	18.8	52.50	RAMP

(642, 643)	986	986	52	1	1.8	89.1	107.4	6.5	5.9	0.6	0.91	1.21	0.11	694.6	14.0	49.76	RAMP
(69, 644)	1797	1799	82	0	2.4	119.5	141.1	4.7	4.4	0.4	0.93	1.18	0.09	1569.7	30.9	50.84	RAMP
(644, 645)	1799	1801	144	0	1.7	84.6	101.9	3.4	3.3	0.1	0.97	1.21	0.03	693.2	13.9	49.78	RAMP
(647, 71)	323	323	0	0	0.9	43.1	51.3	9.5	8.7	0.8	0.92	1.19	0.10	323.0	6.4	50.34	RAMP
(646, 647)	325	323	0	3	0.7	30.7	44.6	8.3	7.6	0.7	0.92	1.45	0.12	323.7	7.8	41.29	RAMP
(74, 648)	1816	1816	78	2	3.0	159.9	180.5	6.0	5.8	0.2	0.97	1.13	0.04	907.7	17.1	53.14	RAMP
(648, 649)	1816	1808	26	8	2.5	135.2	151.8	5.0	4.9	0.1	0.97	1.12	0.03	905.7	17.0	53.42	RAMP
(651, 75)	531	531	0	0	0.8	39.3	49.0	5.5	4.8	0.7	0.88	1.25	0.15	531.0	11.0	48.17	RAMP
(650, 651)	531	531	0	0	0.8	31.2	47.1	5.3	4.7	0.6	0.88	1.51	0.18	531.0	13.4	39.69	RAMP
(653, 76)	334	334	0	0	0.3	15.6	17.6	3.2	3.1	0.1	0.97	1.13	0.04	334.0	6.3	53.02	RAMP
(652, 653)	334	334	0	0	0.3	17.6	19.9	3.6	3.5	0.1	0.97	1.13	0.04	334.0	6.3	53.02	RAMP
(569, 654)	894	894	52	0	0.9	44.4	55.1	3.7	3.2	0.5	0.88	1.24	0.15	722.9	15.0	48.34	RAMP
(656, 570)	861	860	0	1	1.6	75.2	93.3	6.5	5.7	0.8	0.88	1.24	0.15	860.9	17.8	48.35	RAMP
(655, 656)	865	861	0	4	1.8	73.6	108.3	7.5	6.8	0.7	0.91	1.47	0.14	863.3	21.2	40.75	RAMP
(658, 571)	151	152	0	0	0.3	15.2	16.8	6.6	6.6	0.1	0.99	1.10	0.01	151.9	2.8	54.47	RAMP
(657, 658)	151	151	0	0	0.2	12.8	14.1	5.6	5.5	0.1	0.99	1.11	0.02	151.0	2.8	54.14	RAMP
(574, 660)	168	168	0	0	0.1	7.1	8.0	2.9	2.8	0.1	0.96	1.13	0.04	168.0	3.2	53.09	RAMP
(660, 661)	168	168	0	0	0.1	6.7	8.0	2.8	2.8	0.1	0.97	1.19	0.04	168.0	3.3	50.58	RAMP
(663, 576)	1582	1582	28	0	3.2	149.5	192.3	7.3	6.2	1.1	0.85	1.29	0.20	1317.9	28.3	46.64	RAMP
(662, 663)	1580	1582	196	0	2.3	100.0	138.1	5.2	4.5	0.7	0.87	1.38	0.18	790.5	18.2	43.44	RAMP
(581, 664)	931	933	0	0	1.9	102.2	116.5	7.5	7.2	0.3	0.95	1.14	0.05	931.5	17.7	52.60	RAMP
(664, 665)	933	932	0	1	0.8	39.8	45.3	2.9	2.8	0.1	0.96	1.14	0.05	932.8	17.7	52.71	RAMP
(667, 583)	369	368	0	1	1.3	60.3	76.7	12.5	10.7	1.8	0.86	1.27	0.18	368.9	7.8	47.14	RAMP

(666, 667)	369	369	0	0	0.4	14.9	25.9	4.2	4.1	0.1	0.98	1.74	0.03	369.0	10.7	34.45	RAMP
(669, 584)	726	725	4	1	1.5	80.2	91.3	7.6	7.3	0.3	0.96	1.14	0.04	619.2	11.7	52.70	RAMP
(668, 669)	726	726	50	0	0.9	43.7	51.3	4.2	4.0	0.3	0.93	1.17	0.08	363.0	7.1	51.15	RAMP
(589, 670)	1692	1689	0	4	1.4	73.0	86.9	3.1	2.8	0.3	0.92	1.19	0.10	1690.7	33.5	50.41	RAMP
(670, 671)	1689	1689	0	0	1.4	69.4	82.3	2.9	2.7	0.2	0.92	1.19	0.09	1689.0	33.4	50.60	RAMP
(673, 592)	413	413	0	0	0.5	24.7	31.0	4.5	4.0	0.5	0.88	1.25	0.15	413.0	8.6	47.91	RAMP
(672, 673)	413	413	0	0	0.6	22.9	34.6	5.0	4.5	0.6	0.89	1.51	0.17	413.0	10.4	39.78	RAMP
(675, 593)	455	455	0	0	0.5	28.6	31.9	4.2	4.1	0.1	0.98	1.11	0.02	455.0	8.4	53.85	RAMP
(674, 675)	455	455	0	0	0.5	27.1	30.5	4.0	3.9	0.1	0.97	1.12	0.03	455.0	8.5	53.45	RAMP
(678, 679)	1433	1433	35	1	2.2	111.3	132.5	5.5	5.4	0.1	0.98	1.19	0.02	716.5	14.2	50.40	RAMP
(684, 685)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	RAMP
(688,7008)	1429	1429	0	0	2.4	89.3	142.5	6.0	5.9	0.1	0.98	1.60	0.03	476.3	12.7	37.61	FRWY
(7056, 626)	1749	1750	34	2	2.7	146.5	163.7	5.4	5.2	0.1	0.97	1.12	0.03	609.4	11.4	53.67	FRWY
(679,7058)	1433	1434	0	1	1.3	61.6	76.4	3.2	3.1	0.1	0.96	1.24	0.04	716.7	14.8	48.37	RAMP
(7059, 684)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	RAMP
(7060, 628)	1279	1279	0	0	1.7	56.4	100.0	4.3	4.2	0.2	0.96	1.77	0.07	1391.4	41.1	33.83	RAMP
(7061, 630)	1367	1366	0	1	2.0	89.7	118.1	4.9	4.5	0.4	0.91	1.32	0.12	1444.4	31.7	45.60	RAMP
(7062, 674)	455	455	0	0	0.6	27.8	33.3	4.1	3.8	0.4	0.91	1.20	0.11	483.0	9.6	50.15	RAMP
(7063, 672)	413	413	0	0	0.5	18.1	31.6	4.2	4.2	0.1	0.98	1.75	0.03	448.9	13.1	34.35	RAMP
(671,7064)	1689	1691	0	0	1.2	58.2	69.3	2.5	2.3	0.2	0.92	1.19	0.10	1689.6	33.5	50.44	RAMP
(633,7065)	1171	1170	0	1	1.4	73.6	81.6	4.2	4.1	0.1	0.99	1.11	0.01	585.1	10.8	54.11	RAMP
(7066, 634)	959	958	0	1	1.2	41.2	72.3	4.1	4.0	0.1	0.97	1.76	0.05	1045.3	30.6	34.19	RAMP
(7067, 636)	1000	1002	0	0	1.5	75.7	90.9	5.2	4.7	0.5	0.91	1.20	0.11	1051.9	21.0	49.97	RAMP
(665,7068)	932	934	0	0	0.7	36.2	42.2	2.7	2.5	0.2	0.93	1.16	0.08	933.2	18.1	51.51	RAMP

(7069, 666)	369	369	0	0	0.4	13.6	22.6	3.3	3.3	0.0	0.99	1.66	0.02	408.2	11.3	36.20	RAMP
(7070, 668)	726	726	400	0	0.9	45.6	53.4	4.2	3.9	0.3	0.93	1.17	0.08	384.7	7.5	51.27	RAMP
(639,7071)	506	504	0	2	0.3	15.8	19.1	2.3	2.0	0.2	0.90	1.21	0.12	252.7	5.1	49.72	RAMP
(7072, 642)	986	986	485	0	0.7	32.4	41.4	2.3	1.9	0.3	0.86	1.28	0.18	551.9	11.8	46.94	RAMP
(641,7073)	915	916	0	0	0.7	30.2	39.6	2.6	2.5	0.1	0.98	1.31	0.03	457.9	10.0	45.72	RAMP
(661,7074)	168	168	0	0	0.1	6.0	7.8	2.8	2.6	0.2	0.92	1.30	0.10	168.0	3.6	46.27	RAMP
(7075, 662)	1581	1580	525	2	2.0	91.5	118.7	4.2	3.9	0.3	0.92	1.30	0.10	841.7	18.2	46.25	RAMP
(645,7076)	1801	1802	0	1	1.7	80.5	101.4	3.4	3.2	0.2	0.95	1.26	0.06	600.4	12.6	47.65	RAMP
(7077, 646)	324	325	0	1	0.3	11.0	19.2	3.2	3.1	0.1	0.97	1.75	0.05	362.0	10.6	34.20	RAMP
(7078, 657)	151	151	0	0	0.2	10.4	11.9	4.5	4.3	0.2	0.95	1.15	0.06	159.5	3.0	52.32	RAMP
(7080, 650)	531	531	0	0	0.9	32.6	56.9	6.1	5.9	0.1	0.98	1.75	0.04	563.8	16.4	34.37	RAMP
(7081, 655)	865	865	0	0	1.1	37.6	66.1	4.2	4.1	0.1	0.97	1.76	0.05	941.8	27.6	34.17	RAMP
(649,7082)	1808	1807	0	1	2.0	101.3	118.0	3.9	3.7	0.2	0.94	1.16	0.07	903.7	17.5	51.51	RAMP
(7083, 652)	334	334	0	0	0.3	16.1	19.6	3.3	2.9	0.3	0.90	1.21	0.12	361.0	7.3	49.42	RAMP
(7084, 857)	309	309	0	0	0.2	12.1	14.7	2.6	2.3	0.3	0.90	1.21	0.12	339.3	6.9	49.42	RAMP
(857, 858)	309	309	0	0	0.3	18.3	20.5	4.0	3.9	0.1	0.97	1.12	0.04	309.0	5.8	53.34	RAMP
(859,7085)	522	506	0	17	7.2	47.2	430.4	50.2	6.0	44.2	0.12	9.12	8.03	514.9	78.3	6.58	RAMP
(7086, 860)	55	55	0	0	0.1	5.0	5.5	5.8	5.7	0.1	0.98	1.10	0.02	57.2	1.0	54.68	RAMP
(860, 861)	55	55	0	0	0.1	4.7	5.1	5.6	5.6	0.0	1.00	1.09	0.00	55.0	1.0	55.20	RAMP
(866,7087)	59	59	0	0	0.1	3.4	3.7	3.8	3.7	0.1	0.98	1.09	0.02	59.0	1.1	55.03	RAMP
(873,7088)	86	87	0	0	0.2	9.1	9.9	6.9	6.9	0.0	1.00	1.10	0.00	86.3	1.6	54.74	RAMP
(7089, 874)	119	119	0	0	0.1	6.9	7.9	3.8	3.6	0.2	0.95	1.14	0.05	126.7	2.4	52.42	RAMP
(874, 875)	119	119	0	0	0.1	6.6	7.3	3.7	3.6	0.0	0.99	1.11	0.01	119.0	2.2	54.16	RAMP

(876,7090)	250	250	0	0	0.4	22.4	25.0	6.0	5.9	0.1	0.98	1.11	0.02	250.0	4.6	53.83	RAMP
(7091, 877)	78	78	0	0	0.1	4.6	7.1	5.1	3.7	1.4	0.72	1.52	0.43	83.1	2.1	39.41	RAMP
(877, 878)	78	77	0	1	0.1	5.1	5.9	4.6	4.3	0.3	0.94	1.16	0.07	77.3	1.5	51.69	RAMP
(879, 880)	1998	1999	121	9	7.8	501.8	467.9	13.9	13.7	0.2	0.99	0.93	0.01	1012.8	15.7	64.35	FRWY
(880, 881)	1999	1997	166	13	11.0	704.7	661.4	19.9	19.5	0.4	0.98	0.94	0.02	999.2	15.6	63.93	FRWY
(881, 882)	1997	2000	226	9	9.1	575.8	544.7	16.4	15.9	0.4	0.97	0.95	0.02	999.4	15.8	63.42	FRWY
(882, 883)	2000	2001	166	10	9.0	568.6	541.1	16.2	15.7	0.5	0.97	0.95	0.03	1000.7	15.9	63.04	FRWY
(883, 884)	1915	1915	125	5	6.9	435.6	414.0	13.0	12.6	0.4	0.97	0.95	0.03	957.5	15.2	63.12	FRWY
(883, 873)	86	86	0	0	0.2	9.8	10.7	7.5	7.5	0.0	1.00	1.09	0.00	86.0	1.6	54.91	RAMP
(884, 885)	1915	1916	141	6	6.4	401.6	382.3	12.0	11.6	0.4	0.97	0.95	0.03	957.0	15.2	63.04	FRWY
(885, 886)	1916	1914	149	8	7.9	496.5	473.1	14.8	14.3	0.5	0.97	0.95	0.03	956.7	15.2	62.96	FRWY
(886, 887)	2033	2030	324	10	9.2	577.6	554.3	16.4	15.7	0.6	0.96	0.96	0.04	883.9	14.1	62.52	FRWY
(887, 888)	2030	2029	167	14	9.5	593.5	567.6	16.8	16.2	0.6	0.96	0.96	0.03	1015.5	16.2	62.74	FRWY
(875, 886)	119	119	0	0	0.2	9.6	10.6	5.3	5.3	0.0	0.99	1.10	0.01	119.0	2.2	54.46	RAMP
(888, 889)	2029	2032	202	7	10.3	644.5	616.6	18.2	17.5	0.7	0.96	0.96	0.04	1015.9	16.2	62.72	FRWY
(889, 890)	2032	2034	147	3	6.8	426.1	408.0	12.0	11.6	0.5	0.96	0.96	0.04	1017.2	16.2	62.66	FRWY
(890, 891)	2034	2027	221	12	10.7	669.7	641.1	18.9	18.2	0.7	0.96	0.96	0.04	1015.5	16.2	62.67	FRWY
(891, 892)	2027	2029	152	7	8.0	502.6	481.5	14.3	13.7	0.5	0.96	0.96	0.04	1013.7	16.2	62.63	FRWY
(892, 893)	2029	2031	377	20	18.9	1178.2	1131.1	33.4	32.1	1.3	0.96	0.96	0.04	1014.8	16.2	62.50	FRWY
(893, 894)	2031	2032	442	22	22.3	1395.0	1339.0	39.4	37.8	1.6	0.96	0.96	0.04	1018.7	16.3	62.51	FRWY
(894, 895)	2032	2041	291	7	13.7	853.8	820.7	24.2	23.2	1.0	0.96	0.96	0.04	1018.0	16.3	62.42	FRWY
(895, 896)	2041	2028	440	32	21.4	1334.2	1286.0	37.8	36.1	1.7	0.96	0.96	0.04	1020.7	16.4	62.25	FRWY
(896, 897)	2028	2043	480	16	22.9	1423.9	1372.4	40.5	38.7	1.8	0.96	0.96	0.04	1017.0	16.3	62.25	FRWY
(897, 898)	2043	2033	263	15	12.6	786.9	757.9	22.3	21.4	1.0	0.96	0.96	0.04	1018.3	16.3	62.29	FRWY

(898, 899)	2033	2034	182	4	9.3	577.1	557.2	16.5	15.7	0.7	0.96	0.97	0.04	1015.7	16.3	62.14	FRWY
(899, 900)	1975	1977	225	11	9.9	616.5	594.1	18.0	17.3	0.8	0.96	0.96	0.04	988.1	15.9	62.26	FRWY
(899, 866)	59	59	0	0	0.1	6.9	7.5	7.6	7.6	0.1	0.99	1.08	0.01	59.0	1.1	55.66	RAMP
(900, 901)	1977	1978	249	7	11.6	724.1	698.0	21.2	20.3	0.9	0.96	0.96	0.04	987.9	15.9	62.24	FRWY
(901, 902)	2287	2277	572	15	10.6	648.2	638.6	16.8	15.7	1.1	0.94	0.99	0.06	992.1	16.3	60.91	FRWY
(902, 903)	2277	2265	169	19	10.5	649.7	627.5	16.6	15.8	0.8	0.95	0.97	0.04	1135.2	18.3	62.13	FRWY
(858, 901)	309	309	0	0	0.9	46.6	52.5	10.2	9.9	0.3	0.97	1.13	0.03	309.0	5.8	53.31	RAMP
(903, 904)	2265	2256	235	10	11.9	740.8	716.5	19.0	18.1	0.9	0.95	0.97	0.05	1129.8	18.2	62.03	FRWY
(904, 905)	2256	2250	207	9	9.2	571.5	552.4	14.7	14.0	0.7	0.95	0.97	0.04	1126.8	18.2	62.07	FRWY
(906, 907)	2499	2499	148	9	10.2	648.2	610.5	14.5	14.2	0.3	0.98	0.94	0.02	1266.7	19.9	63.71	FRWY
(907, 908)	2499	2500	445	15	15.3	964.7	916.2	22.0	21.4	0.6	0.97	0.95	0.03	1249.0	19.8	63.17	FRWY
(908, 909)	2500	2497	259	13	11.5	709.8	688.9	16.5	15.9	0.7	0.96	0.97	0.04	1249.3	20.2	61.83	FRWY
(909, 910)	1959	1953	182	12	7.8	490.9	470.7	14.4	13.9	0.5	0.96	0.96	0.03	978.8	15.6	62.57	FRWY
(909, 859)	538	522	0	18	3.4	77.1	201.4	22.6	9.4	13.2	0.42	2.61	1.52	534.3	23.3	22.97	RAMP
(910, 911)	1953	1953	180	9	9.4	589.3	563.6	17.3	16.7	0.6	0.97	0.96	0.03	976.6	15.6	62.74	FRWY
(911, 912)	1953	1953	173	11	8.6	541.3	518.8	15.9	15.4	0.6	0.96	0.96	0.03	976.8	15.6	62.60	FRWY
(861, 912)	55	55	0	0	0.1	5.3	5.7	6.3	6.2	0.0	0.99	1.09	0.01	55.0	1.0	55.12	RAMP
(912, 913)	2008	2010	236	9	9.1	570.9	548.2	16.4	15.8	0.6	0.96	0.96	0.04	873.7	14.0	62.48	FRWY
(913, 914)	2010	2006	179	11	9.6	597.5	574.4	17.2	16.5	0.7	0.96	0.96	0.04	1003.4	16.1	62.41	FRWY
(914, 915)	2006	2011	370	16	18.9	1179.0	1136.1	33.9	32.5	1.4	0.96	0.96	0.04	1005.0	16.1	62.26	FRWY
(915, 916)	2011	2017	402	17	19.2	1191.0	1151.6	34.3	32.8	1.5	0.96	0.97	0.04	1007.1	16.2	62.05	FRWY
(916, 917)	2017	2018	356	15	17.5	1083.6	1048.1	31.2	29.8	1.4	0.96	0.97	0.04	1008.3	16.3	62.03	FRWY
(917, 918)	2018	2008	289	20	13.6	845.3	816.9	24.4	23.3	1.0	0.96	0.97	0.04	1005.3	16.2	62.09	FRWY

(918, 919)	2008	2007	353	15	17.5	1085.8	1049.9	31.4	30.0	1.4	0.96	0.97	0.04	1002.6	16.2	62.05	FRWY
(919, 920)	2007	2018	329	13	18.2	1130.6	1094.1	32.6	31.2	1.5	0.96	0.97	0.04	1006.4	16.2	62.00	FRWY
(920, 921)	2018	2027	214	5	11.2	694.2	672.7	20.0	19.0	0.9	0.95	0.97	0.04	1010.9	16.3	61.92	FRWY
(921, 922)	2027	2030	190	11	10.7	663.2	642.8	19.0	18.1	0.9	0.95	0.97	0.04	1013.9	16.4	61.90	FRWY
(922, 923)	2030	2029	190	10	10.8	668.3	648.5	19.2	18.3	0.9	0.95	0.97	0.05	1014.5	16.4	61.83	FRWY
(923, 924)	2029	2025	301	10	12.1	750.5	728.5	21.6	20.5	1.0	0.95	0.97	0.05	1014.0	16.4	61.82	FRWY
(924, 925)	2025	2025	249	18	11.5	706.2	690.0	20.5	19.4	1.0	0.95	0.98	0.05	1011.0	16.5	61.41	FRWY
(925, 926)	1776	1775	233	8	11.6	719.5	694.2	23.4	22.4	1.0	0.96	0.96	0.04	889.7	14.3	62.19	FRWY
(925, 876)	249	250	0	0	0.7	38.0	42.0	10.1	10.0	0.1	0.99	1.11	0.01	249.0	4.6	54.30	RAMP
(926, 927)	1775	1769	154	9	8.5	527.0	508.9	17.2	16.5	0.7	0.96	0.97	0.04	886.1	14.3	62.13	FRWY
(878, 927)	77	77	0	0	0.1	4.3	4.8	3.7	3.7	0.1	0.99	1.10	0.01	77.0	1.4	54.37	RAMP
(927, 928)	1846	1842	253	9	8.5	524.3	509.1	16.6	15.8	0.8	0.95	0.97	0.05	802.4	13.0	61.79	FRWY
(928, 929)	1842	1834	141	12	7.8	485.9	469.6	15.3	14.7	0.7	0.96	0.97	0.04	919.6	14.8	62.09	FRWY
(929, 930)	1834	1828	204	11	9.6	598.5	577.3	18.9	18.1	0.8	0.96	0.96	0.04	916.5	14.7	62.20	FRWY
(930, 931)	1828	1822	124	8	6.4	397.1	382.3	12.6	12.1	0.5	0.96	0.96	0.04	911.7	14.6	62.33	FRWY
(654,7079)	894	895	0	0	0.9	44.0	55.9	3.7	3.2	0.5	0.86	1.27	0.18	447.1	9.5	47.30	RAMP
(407, 369)	2993	2988	436	17	15.1	782.7	908.1	18.2	17.2	1.1	0.94	1.16	0.07	1496.2	28.9	51.72	RAMP
(162, 165)	4089	4091	468	10	11.2	712.8	673.8	9.7	9.4	0.2	0.98	0.95	0.02	1044.2	16.5	63.47	FRWY
(165, 166)	4091	4094	118	8	9.1	581.4	546.6	8.0	7.9	0.2	0.98	0.94	0.02	1023.3	16.0	63.81	FRWY
(386, 167)	5107	5110	817	14	12.1	725.7	726.2	8.5	7.9	0.6	0.93	1.00	0.07	1110.6	18.5	59.96	FRWY
(167, 168)	5110	5108	250	14	11.9	725.4	714.1	8.4	7.9	0.5	0.94	0.98	0.06	1276.7	20.9	60.95	FRWY
(168, 169)	5108	5096	240	15	12.6	776.6	756.5	8.9	8.5	0.4	0.95	0.97	0.05	1275.1	20.7	61.60	FRWY
(404, 170)	232	230	0	2	0.2	12.6	13.8	3.6	3.5	0.0	0.99	1.10	0.01	231.8	4.2	54.72	RAMP
(7018, 171)	395	395	0	0	0.4	15.3	21.1	2.9	2.5	0.4	0.87	1.39	0.18	435.3	10.1	43.29	RAMP

(171, 172)	395	395	0	0	0.3	13.8	17.2	2.6	2.5	0.1	0.96	1.24	0.05	395.0	8.2	48.23	RAMP
(172, 387)	395	395	0	0	0.3	14.8	17.8	2.7	2.5	0.2	0.91	1.20	0.11	395.0	7.9	49.88	RAMP
(7020, 174)	482	481	0	1	0.5	21.6	28.7	3.3	3.0	0.3	0.91	1.33	0.12	521.5	11.5	45.27	RAMP
(174, 175)	481	481	0	0	0.4	22.0	26.9	3.4	3.3	0.1	0.98	1.22	0.02	481.0	9.8	49.11	RAMP
(175, 386)	481	480	0	1	0.5	26.0	30.5	3.8	3.6	0.2	0.93	1.17	0.08	480.8	9.4	51.23	RAMP
(385, 173)	552	552	0	0	0.5	26.9	29.9	3.3	3.2	0.1	0.97	1.11	0.03	552.0	10.3	53.83	RAMP
(173,7019)	552	552	0	0	0.5	25.2	29.5	3.2	3.1	0.1	0.98	1.17	0.02	552.0	10.8	51.30	RAMP
(170,7017)	230	230	0	0	0.2	12.2	14.1	3.7	3.6	0.0	0.99	1.16	0.01	230.0	4.4	51.85	RAMP
(151, 344)	821	820	9	1	1.8	94.5	108.7	7.9	7.6	0.4	0.95	1.15	0.06	809.8	15.5	52.17	RAMP
(344,7026)	820	822	0	0	0.7	32.5	42.5	3.1	2.8	0.3	0.90	1.31	0.13	410.3	8.9	45.85	RAMP
(7007, 208)	132	132	0	0	0.1	4.7	7.3	3.0	2.5	0.4	0.85	1.57	0.23	147.3	3.9	38.20	RAMP
(209, 180)	132	132	0	0	0.1	7.0	8.2	3.7	3.5	0.3	0.93	1.17	0.08	132.0	2.6	51.08	RAMP
(396, 397)	3890	3888	1714	23	24.7	1293.3	1479.2	22.8	18.5	4.4	0.81	1.14	0.22	971.1	18.5	52.46	FRWY
(399, 402)	1711	1709	427	8	8.8	441.1	526.5	18.5	16.8	1.6	0.91	1.19	0.11	1048.1	20.9	50.27	RAMP
(559, 407)	2992	2993	63	5	5.7	259.6	341.9	6.9	6.3	0.6	0.91	1.32	0.12	1496.4	32.9	45.55	FRWY
(370, 416)	418	417	0	1	0.5	24.4	27.4	3.9	3.8	0.1	0.97	1.12	0.03	417.6	7.8	53.58	RAMP
(403, 310)	1709	1712	331	4	6.2	240.8	373.9	13.1	9.2	3.9	0.70	1.55	0.46	1348.1	34.9	38.64	RAMP
(383, 314)	1820	1821	0	7	25.8	351.7	1550.0	51.1	12.7	38.4	0.25	4.41	3.32	1820.4	133.7	13.61	RAMP
(381, 315)	556	555	0	1	0.5	27.8	33.0	3.6	3.3	0.3	0.92	1.19	0.10	555.0	11.0	50.51	RAMP
(380, 381)	558	556	0	2	0.6	27.6	33.9	3.6	3.6	0.1	0.98	1.22	0.02	557.2	11.4	48.98	RAMP
(7029, 380)	559	558	0	3	0.7	34.4	44.1	4.5	4.2	0.3	0.93	1.28	0.08	592.3	12.6	46.83	RAMP
(316, 309)	1648	1647	0	2	4.0	87.1	239.2	8.7	3.5	5.2	0.40	2.75	1.65	1648.0	75.4	21.85	RAMP
(349, 352)	478	479	0	1	1.3	64.2	79.4	9.9	9.7	0.3	0.97	1.24	0.03	478.6	9.9	48.52	FRWY

(352,7027)	479	480	0	0	0.3	15.3	20.2	2.5	2.3	0.2	0.91	1.32	0.11	479.3	10.5	45.62	FRWY
(346, 347)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	FRWY
(599, 678)	1434	1433	85	1	2.0	107.8	120.5	5.0	4.9	0.1	0.97	1.12	0.03	716.5	13.4	53.67	RAMP
(685, 601)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	RAMP
(603, 688)	1433	1429	39	8	4.1	211.1	244.0	10.2	10.1	0.1	0.99	1.16	0.01	477.0	9.2	51.92	FRWY
(382, 383)	1820	1820	0	0	4.6	66.9	278.3	9.2	2.0	7.1	0.22	4.16	3.24	1820.0	126.2	14.42	RAMP
(368, 369)	1048	1053	492	6	7.6	453.7	456.8	26.1	24.0	2.1	0.92	1.01	0.08	395.6	6.6	59.60	FRWY
(407, 411)	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.00	FRWY
(406, 412)	584	585	24	0	0.9	38.2	55.4	5.7	5.2	0.5	0.92	1.45	0.12	517.2	12.5	41.35	RAMP
(412,7041)	585	585	0	0	0.6	22.0	38.4	3.9	3.0	0.9	0.77	1.74	0.41	292.5	8.5	34.44	RAMP
(7042, 414)	522	522	0	0	0.6	24.9	35.1	3.7	3.5	0.2	0.95	1.41	0.07	563.8	13.3	42.48	RAMP
(414, 415)	522	522	0	0	0.4	17.8	23.5	2.7	2.5	0.2	0.91	1.32	0.11	522.0	11.5	45.38	RAMP
(415, 307)	522	522	0	0	0.5	27.6	32.6	3.7	3.5	0.3	0.93	1.18	0.09	522.0	10.3	50.73	RAMP
(7013, 8)	536	535	0	2	0.6	20.3	35.9	3.7	1.9	1.7	0.52	1.77	0.84	588.5	17.3	33.94	RAMP
(8, 132)	535	537	0	0	0.4	18.0	24.3	2.7	1.9	0.9	0.69	1.35	0.43	535.8	12.1	44.38	RAMP

NETWORK STATISTICS

VEHICLE-MILES = 222104.9, VEHICLE-MINUTES = 266983.0, MOVING/TOTAL TRIP TIME = 0.787,

AVERAGE CONTENT = 4449.7, CURRENT CONTENT = 5126.0, SPEED(MPH) = 49.91,

TOTAL DELAY (VEH-MIN) = 56835.93, TRAVEL TIME (MIN)/VEH-MILE = 1.20, DELAY TIME (MIN)/ VEH-MILE = 0.26

LINK STATISTICS BY LANE

(SOME STATISTICS APPLY TO HOV LANES ONLY)

								SEC./VEHICLE			SEC./PERSON				
LINK	LANE	VEHICLES TYPE	CURR IN	VOLUME OUT	CONT	VOLUME OF VEH/HR	TOTAL VIOLATORS	MOVE TIME	DELAY TIME	TOTAL TIME	MOVE TIME	DELAY TIME	SPEED TIME	MILES/HR
(153, 96)	1	SOV	---	---	5	936.9	-----	14.8	13.5	1.4	11.5	10.4	1.1	59.79
(153, 96)	2	SOV	---	---	10	1970.1	-----	15.1	13.9	1.2	11.7	10.8	0.9	58.73
(153, 96)	3	SOV	---	---	9	1620.2	-----	14.5	13.6	0.9	11.2	10.5	0.7	61.30
(153, 96)	4	SOV	---	---	7	1332.8	-----	14.3	13.6	0.7	11.0	10.5	0.5	62.10
(153, 96)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(153, 96)	9	SOV	---	---	8	1630.9	-----	15.2	14.3	0.9	11.7	11.0	0.7	58.50
(563, 98)	1	SOV	---	---	6	2053.0	-----	17.8	15.9	1.9	13.8	12.3	1.5	57.43
(563, 98)	2	SOV	---	---	3	1353.8	-----	18.0	15.9	2.1	14.0	12.3	1.6	56.81
(563, 98)	3	SOV	---	---	5	1238.4	-----	16.5	15.8	0.7	12.7	12.2	0.5	62.13
(563, 98)	4	SOV	---	---	4	1062.0	-----	16.3	15.6	0.7	12.6	12.0	0.5	62.62
(563, 98)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(154, 101)	1	SOV	---	---	32	663.5	-----	64.4	38.6	25.8	50.2	30.1	20.1	30.05
(154, 101)	2	SOV	---	---	16	1317.2	-----	35.0	29.9	5.1	27.2	23.2	3.9	55.35
(154, 101)	3	SOV	---	---	10	1253.3	-----	30.6	29.4	1.2	23.7	22.8	0.9	63.27
(154, 101)	4	SOV	---	---	12	1244.3	-----	31.3	30.2	1.1	24.1	23.2	0.8	61.88
(154, 101)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(103, 104)	1	SOV	---	---	2	1635.7	-----	13.1	8.3	4.8	10.2	6.4	3.7	41.48
(103, 104)	2	SOV	---	---	3	1430.8	-----	9.8	8.4	1.4	7.6	6.5	1.1	55.90
(103, 104)	3	SOV	---	---	3	1530.0	-----	8.8	8.3	0.4	6.8	6.5	0.3	62.24
(103, 104)	4	SOV	---	---	4	1549.0	-----	8.9	8.4	0.5	6.9	6.5	0.4	61.17
(103, 104)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(103, 104)	9	SOV	---	---	0	154.9	-----	13.9	12.3	1.6	10.8	9.5	1.3	39.22
(158, 105)	1	SOV	---	---	21	2656.9	-----	20.1	16.0	4.1	15.5	12.4	3.2	50.91
(158, 105)	2	SOV	---	---	11	1873.6	-----	17.6	15.8	1.8	13.7	12.3	1.4	57.98
(158, 105)	3	SOV	---	---	11	1694.0	-----	16.4	15.7	0.7	12.7	12.1	0.6	62.40

(158, 105)	4	SOV	---	---	6	1402.6	-----	16.5	15.7	0.7	12.7	12.1	0.6	62.09
(158, 105)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(128, 97)	1	SOV	---	---	10	852.8	-----	23.1	22.4	0.7	17.9	17.3	0.6	64.62
(128, 97)	2	SOV	---	---	12	1414.5	-----	24.7	23.6	1.1	19.2	18.3	0.9	60.48
(128, 97)	3	SOV	---	---	14	1434.4	-----	24.0	23.0	1.0	18.5	17.8	0.7	62.38
(128, 97)	4	SOV	---	---	14	1301.1	-----	24.1	22.9	1.2	18.5	17.6	0.9	62.08
(128, 97)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(156, 102)	1	SOV	---	---	46	1358.4	-----	85.4	22.4	62.9	66.5	17.5	49.0	10.38
(156, 102)	2	SOV	---	---	15	953.3	-----	49.4	21.0	28.4	38.7	16.5	22.3	17.96
(156, 102)	3	SOV	---	---	9	1498.4	-----	21.5	14.3	7.2	16.7	11.1	5.6	41.14
(156, 102)	4	SOV	---	---	13	1636.6	-----	15.6	13.7	1.9	12.0	10.5	1.5	56.68
(156, 102)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(109,7001)	1	SOV	---	---	1	1418.9	-----	2.3	2.2	0.1	1.7	1.7	0.1	51.58
(109,7001)	2	SOV	---	---	0	584.0	-----	2.1	2.0	0.0	1.6	1.6	0.0	55.74
(102, 103)	1	SOV	---	---	0	672.6	-----	27.0	24.0	3.0	21.0	18.7	2.3	57.39
(102, 103)	2	SOV	---	---	3	1051.8	-----	26.9	23.9	3.0	21.0	18.7	2.3	57.57
(102, 103)	3	SOV	---	---	11	1464.0	-----	25.2	23.8	1.4	19.5	18.4	1.1	61.43
(102, 103)	4	SOV	---	---	18	1623.4	-----	25.2	23.9	1.3	19.4	18.4	1.0	61.45
(102, 103)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(160,7002)	1	SOV	---	---	8	523.4	-----	44.8	8.8	36.1	34.6	6.8	27.9	3.25
(160,7002)	2	SOV	---	---	1	346.2	-----	14.5	3.8	10.8	11.3	2.9	8.3	10.03
(7003, 106)	1	SOV	---	---	0	720.3	-----	8.7	6.6	2.2	6.7	5.1	1.7	34.38
(7003, 106)	2	SOV	---	---	0	812.8	-----	8.4	6.4	2.0	6.5	4.9	1.6	35.58
(106, 103)	1	SOV	---	---	0	1206.5	-----	11.1	7.7	3.4	8.6	6.0	2.6	37.68
(106, 103)	2	SOV	---	---	0	270.8	-----	16.7	8.6	8.1	12.9	6.7	6.2	25.04
(7004, 107)	1	SOV	---	---	2	799.3	-----	4.2	3.0	1.2	3.2	2.3	0.9	41.24
(7004, 107)	2	SOV	---	---	0	636.1	-----	3.8	3.1	0.7	3.0	2.4	0.6	44.97
(107, 104)	1	SOV	---	---	0	818.2	-----	9.4	6.3	3.0	7.2	4.9	2.3	36.09
(107, 104)	2	SOV	---	---	0	515.1	-----	9.3	6.2	3.0	7.1	4.8	2.3	36.46
(110, 109)	1	SOV	---	---	1	1450.8	-----	2.4	2.3	0.1	1.9	1.8	0.1	52.17
(110, 109)	2	SOV	---	---	0	552.9	-----	2.3	2.2	0.1	1.8	1.7	0.0	55.87
(96, 110)	1	SOV	---	---	0	1500.1	-----	1.7	1.7	0.1	1.3	1.3	0.0	52.32
(96, 110)	2	SOV	---	---	0	503.9	-----	1.6	1.6	0.0	1.3	1.2	0.0	55.84
(127, 97)	1	SOV	---	---	8	618.5	-----	11.7	7.8	3.9	9.0	6.0	3.0	34.63
(127, 97)	2	SOV	---	---	2	75.1	-----	22.2	8.0	14.1	17.2	6.2	10.9	18.23

(96, 128)	1	SOV	---	---	3	1105.0	-----	16.6	15.7	0.9	12.8	12.2	0.7	61.69
(96, 128)	2	SOV	---	---	6	1603.8	-----	17.0	16.1	0.9	13.2	12.5	0.7	60.20
(96, 128)	3	SOV	---	---	8	1494.0	-----	16.4	15.7	0.7	12.6	12.1	0.5	62.43
(96, 128)	4	SOV	---	---	2	1284.1	-----	16.4	15.7	0.7	12.6	12.1	0.6	62.28
(96, 128)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(128, 129)	1	SOV	---	---	1	154.6	-----	11.6	11.2	0.4	9.0	8.7	0.3	53.12
(128, 129)	2	SOV	---	---	1	331.5	-----	11.7	11.3	0.5	9.1	8.7	0.4	52.55
(132, 130)	1	SOV	---	---	6	1774.4	-----	9.8	8.3	1.6	7.6	6.4	1.2	54.43
(132, 130)	2	SOV	---	---	6	1965.6	-----	8.8	8.2	0.6	6.8	6.4	0.4	61.06
(132, 130)	3	SOV	---	---	6	1788.8	-----	8.7	8.2	0.4	6.7	6.4	0.3	61.72
(132, 130)	4	SOV	---	---	4	1679.6	-----	8.8	8.3	0.6	6.8	6.4	0.4	60.65
(132, 130)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(132, 130)	9	SOV	---	---	1	57.5	-----	13.3	10.2	3.1	10.3	7.9	2.4	40.14
(131, 130)	1	SOV	---	---	0	247.0	-----	3.1	2.9	0.2	2.4	2.2	0.1	50.48
(151, 132)	1	SOV	---	---	5	1399.3	-----	16.8	15.7	1.1	13.1	12.2	0.9	60.34
(151, 132)	2	SOV	---	---	8	1916.9	-----	16.5	15.6	0.9	12.8	12.1	0.7	61.64
(151, 132)	3	SOV	---	---	6	1740.5	-----	16.4	15.7	0.8	12.7	12.1	0.6	61.83
(151, 132)	4	SOV	---	---	5	1669.8	-----	16.8	15.7	1.0	12.9	12.1	0.8	60.68
(151, 132)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(105, 137)	1	SOV	---	---	6	1349.5	-----	15.5	12.9	2.5	12.0	10.0	2.0	54.18
(105, 137)	2	SOV	---	---	8	1981.3	-----	14.1	13.0	1.1	10.9	10.0	0.9	59.50
(105, 137)	3	SOV	---	---	6	1779.8	-----	13.4	12.8	0.6	10.3	9.9	0.4	62.58
(105, 137)	4	SOV	---	---	6	1439.9	-----	13.5	12.9	0.6	10.4	9.9	0.5	62.08
(105, 137)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(98, 138)	1	SOV	---	---	1	1214.4	-----	6.7	6.4	0.3	5.2	4.9	0.3	52.03
(98, 138)	2	SOV	---	---	0	0.1	-----	6.7	-1.2	7.9	5.2	-0.9	6.1	52.30
(138, 139)	1	SOV	---	---	0	1158.8	-----	2.6	2.5	0.1	2.0	1.9	0.1	53.14
(138, 139)	2	SOV	---	---	0	55.2	-----	2.6	2.3	0.3	2.0	1.8	0.2	53.07
(141, 140)	1	SOV	---	---	3	256.1	-----	69.5	29.6	39.9	53.5	22.8	30.7	4.15
(141, 140)	2	SOV	---	---	22	730.5	-----	62.9	22.5	40.4	48.4	17.3	31.1	4.59
(140, 101)	1	SOV	---	---	38	1052.1	-----	72.0	24.8	47.3	55.6	19.1	36.5	7.07
(140, 101)	2	SOV	---	---	0	39.2	-----	17.8	17.8	0.0	13.8	13.8	0.0	28.53
(105, 143)	1	SOV	---	---	2	1072.5	-----	4.1	3.9	0.2	3.1	3.0	0.2	51.91
(7005, 127)	1	SOV	---	---	2	567.2	-----	3.0	1.3	1.6	2.3	1.0	1.3	23.79
(7005, 127)	2	SOV	---	---	1	267.0	-----	2.2	1.4	0.9	1.7	1.1	0.7	31.24

(129,7006)	1	SOV	---	---	0	52.0	-----	3.9	3.3	0.6	3.0	2.6	0.4	41.71
(129,7006)	2	SOV	---	---	0	434.9	-----	3.8	3.4	0.4	2.9	2.6	0.3	42.81
(147, 148)	1	SOV	---	---	1	972.8	-----	6.1	5.7	0.4	4.7	4.4	0.3	46.57
(148, 137)	1	SOV	---	---	2	972.5	-----	4.2	3.9	0.3	3.2	3.0	0.3	49.72
(163, 149)	1	SOV	---	---	15	1581.9	-----	34.3	32.8	1.4	26.6	25.5	1.1	62.67
(163, 149)	2	SOV	---	---	18	1723.5	-----	34.3	33.0	1.2	26.6	25.6	1.0	62.61
(163, 149)	3	SOV	---	---	15	1619.5	-----	34.0	32.9	1.0	26.3	25.5	0.8	63.22
(163, 149)	4	SOV	---	---	16	1687.3	-----	34.5	33.3	1.2	26.5	25.6	0.9	62.24
(163, 149)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(311, 150)	1	SOV	---	---	6	2329.4	-----	9.5	8.3	1.3	7.4	6.4	1.0	55.84
(311, 150)	2	SOV	---	---	4	1867.5	-----	8.8	8.2	0.6	6.8	6.3	0.5	60.52
(311, 150)	3	SOV	---	---	5	1658.4	-----	8.6	8.2	0.4	6.7	6.3	0.3	61.85
(311, 150)	4	SOV	---	---	1	1678.0	-----	8.8	8.2	0.5	6.7	6.3	0.4	60.93
(311, 150)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(152, 153)	1	SOV	---	---	1	916.3	-----	2.7	2.3	0.4	2.1	1.8	0.3	51.00
(152, 153)	2	SOV	---	---	2	2233.8	-----	2.5	2.1	0.4	1.9	1.6	0.3	54.83
(152, 153)	3	SOV	---	---	1	1497.0	-----	2.2	2.1	0.2	1.7	1.6	0.1	60.64
(152, 153)	4	HOV	0	1285	0	943.3	943.3	2.2	2.1	0.1	1.7	1.6	0.1	62.14
(152, 153)	9	SOV	---	---	1	1908.8	-----	2.4	2.1	0.3	1.8	1.6	0.2	57.51
(130, 152)	1	SOV	---	---	9	1845.8	-----	15.3	13.6	1.7	11.9	10.5	1.3	57.81
(130, 152)	2	SOV	---	---	10	2338.5	-----	15.2	13.6	1.6	11.8	10.6	1.2	58.20
(130, 152)	3	SOV	---	---	5	1764.3	-----	14.5	13.7	0.8	11.2	10.5	0.6	61.26
(130, 152)	4	SOV	---	---	10	1537.6	-----	14.6	13.7	0.9	11.2	10.5	0.7	60.88
(130, 152)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(130, 152)	9	SOV	---	---	0	15.0	-----	19.4	9.0	10.4	14.9	6.9	8.0	45.75
(100, 154)	1	SOV	---	---	4	793.5	-----	17.4	17.2	0.2	13.5	13.4	0.1	65.17
(100, 154)	2	SOV	---	---	7	1356.9	-----	17.8	17.5	0.3	13.8	13.6	0.3	63.50
(100, 154)	3	SOV	---	---	7	1141.3	-----	17.6	17.3	0.3	13.6	13.4	0.2	64.44
(100, 154)	4	SOV	---	---	5	1354.2	-----	17.9	17.6	0.3	13.7	13.5	0.2	63.34
(100, 154)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(101, 155)	1	SOV	---	---	50	1016.8	-----	122.0	37.8	84.1	94.6	29.3	65.2	7.27
(101, 155)	2	SOV	---	---	29	1279.2	-----	53.4	17.5	35.8	41.9	13.8	28.2	16.61
(101, 155)	3	SOV	---	---	15	1637.9	-----	20.8	13.6	7.1	16.1	10.5	5.5	42.69
(101, 155)	4	SOV	---	---	8	1471.2	-----	15.6	13.7	1.9	12.0	10.5	1.5	56.85
(101, 155)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(101, 155)	9	SOV	---	---	2	100.3	-----	118.2	57.0	61.2	91.5	44.1	47.3	7.50
(155, 156)	1	SOV	---	---	6	1012.3	-----	17.0	5.8	11.2	13.2	4.5	8.7	8.02

(155, 156)	2	SOV	---	---	5	914.7	-----	10.6	4.5	6.1	8.4	3.6	4.8	12.89
(155, 156)	3	SOV	---	---	10	1673.3	-----	4.2	2.4	1.8	3.2	1.8	1.4	32.62
(155, 156)	4	SOV	---	---	2	1595.0	-----	2.6	2.1	0.5	2.0	1.6	0.4	53.06
(155, 156)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(104, 157)	1	SOV	---	---	15	2265.0	-----	25.5	15.8	9.6	19.7	12.2	7.4	40.18
(104, 157)	2	SOV	---	---	10	1929.2	-----	19.3	15.8	3.4	14.9	12.3	2.7	53.10
(104, 157)	3	SOV	---	---	6	1752.3	-----	16.7	15.7	1.1	12.9	12.1	0.8	61.20
(104, 157)	4	SOV	---	---	7	1546.2	-----	16.8	15.8	1.0	12.9	12.2	0.7	60.88
(104, 157)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(104, 157)	9	SOV	---	---	1	141.1	-----	30.5	25.8	4.7	23.6	20.0	3.6	33.55
(157, 158)	1	SOV	---	---	3	2756.1	-----	2.8	2.1	0.7	2.2	1.6	0.6	48.13
(157, 158)	2	SOV	---	---	1	1871.5	-----	2.4	2.1	0.3	1.9	1.6	0.2	56.64
(157, 158)	3	SOV	---	---	2	1641.2	-----	2.2	2.1	0.1	1.7	1.6	0.1	61.90
(157, 158)	4	SOV	---	---	0	1365.9	-----	2.2	2.1	0.1	1.7	1.6	0.1	61.73
(157, 158)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(137, 159)	1	SOV	---	---	12	2569.4	-----	21.1	9.8	11.4	16.4	7.5	8.8	30.08
(137, 159)	2	SOV	---	---	6	2003.4	-----	14.2	9.8	4.3	11.0	7.6	3.3	44.93
(137, 159)	3	SOV	---	---	5	1570.3	-----	10.7	9.7	1.0	8.3	7.5	0.8	59.47
(137, 159)	4	SOV	---	---	3	1153.4	-----	10.2	9.7	0.5	7.8	7.5	0.4	62.40
(137, 159)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(137, 159)	9	SOV	---	---	1	224.1	-----	20.3	16.1	4.1	15.7	12.5	3.2	31.41
(150, 151)	1	SOV	---	---	5	2277.2	-----	8.7	7.7	1.0	6.7	5.9	0.8	56.30
(150, 151)	2	SOV	---	---	2	1890.7	-----	8.0	7.5	0.5	6.2	5.8	0.4	61.56
(150, 151)	3	SOV	---	---	1	1697.7	-----	7.9	7.6	0.3	6.1	5.8	0.3	61.95
(150, 151)	4	SOV	---	---	3	1672.8	-----	8.0	7.6	0.5	6.2	5.8	0.4	60.82
(150, 151)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(325, 95)	1	SOV	---	---	17	1700.9	-----	37.0	34.7	2.3	28.7	26.9	1.8	60.36
(325, 95)	2	SOV	---	---	21	1689.6	-----	36.6	34.7	1.9	28.3	26.9	1.4	61.12
(325, 95)	3	SOV	---	---	18	1551.2	-----	36.0	34.6	1.4	27.8	26.7	1.1	62.01
(325, 95)	4	SOV	---	---	13	1498.1	-----	35.6	33.9	1.7	27.4	26.0	1.3	62.78
(325, 95)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(102, 160)	1	SOV	---	---	13	897.3	-----	41.0	7.6	33.4	31.7	5.9	25.8	6.99
(102, 160)	2	SOV	---	---	1	31.0	-----	28.0	1.1	27.0	21.9	0.8	21.0	10.21
(98, 99)	1	SOV	---	---	1	1058.7	-----	24.7	23.4	1.2	19.1	18.1	1.0	62.02
(98, 99)	2	SOV	---	---	5	1197.0	-----	25.2	23.9	1.3	19.6	18.6	1.0	60.71
(98, 99)	3	SOV	---	---	6	1206.2	-----	24.4	23.6	0.8	18.9	18.2	0.6	62.61
(98, 99)	4	SOV	---	---	4	1045.9	-----	24.4	23.3	1.1	18.8	18.0	0.8	62.65
(98, 99)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(99, 164)	1	SOV	---	---	1	1106.6	-----	16.0	15.5	0.6	12.4	11.9	0.5	62.97

(99, 164)	2	SOV	---	---	4	1142.9	-----	16.5	15.8	0.7	12.8	12.3	0.5	61.33
(99, 164)	3	SOV	---	---	3	1213.1	-----	16.2	15.6	0.6	12.5	12.1	0.4	62.45
(99, 164)	4	SOV	---	---	2	1055.2	-----	16.2	15.4	0.7	12.4	11.9	0.6	62.46
(99, 164)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(295, 200)	1	SOV	---	---	1	613.0	-----	8.3	8.3	0.1	6.4	6.4	0.0	47.98
(295, 200)	2	SOV	---	---	2	663.6	-----	8.4	8.3	0.0	6.5	6.4	0.0	47.62
(295, 200)	9	SOV	---	---	0	62.2	-----	8.6	8.5	0.1	6.7	6.6	0.1	46.34
(203, 201)	1	SOV	---	---	0	716.7	-----	1.8	1.7	0.0	1.4	1.3	0.0	63.99
(203, 201)	2	SOV	---	---	1	768.0	-----	1.8	1.7	0.0	1.4	1.3	0.0	63.58
(200, 199)	1	SOV	---	---	0	559.1	-----	6.6	6.6	0.1	5.1	5.1	0.0	44.80
(200, 199)	2	SOV	---	---	1	667.4	-----	6.7	6.7	0.1	5.2	5.1	0.0	44.28
(179, 178)	1	SOV	---	---	0	337.3	-----	6.3	6.2	0.1	4.9	4.8	0.1	53.91
(179, 178)	2	SOV	---	---	0	360.2	-----	6.2	6.0	0.1	4.8	4.7	0.1	55.07
(180, 179)	1	SOV	---	---	0	339.2	-----	12.7	12.5	0.2	9.8	9.6	0.1	53.82
(180, 179)	2	SOV	---	---	0	348.4	-----	12.4	12.3	0.1	9.6	9.5	0.1	55.03
(180, 179)	9	SOV	---	---	1	6.5	-----	12.8	12.4	0.3	9.9	9.6	0.2	53.47
(181, 180)	1	SOV	---	---	0	213.5	-----	6.3	6.2	0.1	4.8	4.8	0.0	54.08
(181, 180)	2	SOV	---	---	0	346.8	-----	6.1	6.1	0.0	4.7	4.7	0.0	55.22
(199, 198)	1	SOV	---	---	1	543.0	-----	8.3	8.2	0.2	6.4	6.3	0.1	44.80
(199, 198)	2	SOV	---	---	3	684.7	-----	8.5	8.3	0.2	6.5	6.4	0.2	44.04
(198, 197)	1	SOV	---	---	1	711.5	-----	15.7	15.0	0.7	12.2	11.6	0.5	52.48
(198, 197)	2	SOV	---	---	3	689.1	-----	15.9	15.2	0.7	12.3	11.8	0.5	51.85
(198, 197)	9	SOV	---	---	0	6.6	-----	18.7	17.6	1.0	14.4	13.6	0.8	44.31
(197, 196)	1	SOV	---	---	4	865.6	-----	19.1	18.6	0.5	14.7	14.3	0.4	53.60
(197, 196)	2	SOV	---	---	2	723.4	-----	19.1	18.7	0.4	14.7	14.5	0.3	53.55
(197, 196)	9	SOV	---	---	0	5.9	-----	22.9	21.3	1.5	17.6	16.4	1.2	44.71
(196, 195)	1	SOV	---	---	9	839.7	-----	32.8	32.0	0.8	25.3	24.7	0.6	53.69
(196, 195)	2	SOV	---	---	6	753.0	-----	32.9	32.2	0.8	25.4	24.8	0.6	53.45
(182, 181)	1	SOV	---	---	0	200.1	-----	21.7	21.4	0.3	16.8	16.5	0.2	53.67
(182, 181)	2	SOV	---	---	0	357.2	-----	21.1	20.9	0.2	16.3	16.2	0.1	55.29
(183, 182)	1	SOV	---	---	76	834.9	-----	78.3	47.3	31.0	60.4	36.5	23.9	13.07
(183, 182)	2	SOV	---	---	61	227.5	-----	131.6	73.8	57.8	101.7	57.0	44.7	7.77
(184, 183)	1	SOV	---	---	96	779.7	-----	59.1	40.0	19.0	45.7	31.0	14.7	22.15
(184, 183)	2	SOV	---	---	94	585.0	-----	57.3	39.5	17.8	44.2	30.5	13.8	22.83

(205, 204)	1	SOV	---	---	0	189.0	-----	2.8	2.8	0.0	2.2	2.1	0.0	44.50
(204, 197)	1	SOV	---	---	0	189.0	-----	4.7	4.7	0.0	3.6	3.6	0.0	44.65
(182, 193)	1	SOV	---	---	13	348.1	-----	39.7	20.6	19.1	30.7	15.9	14.7	10.11
(182, 193)	2	SOV	---	---	15	331.2	-----	43.0	22.8	20.3	33.1	17.5	15.6	9.31
(193, 194)	1	SOV	---	---	18	132.1	-----	100.2	49.4	50.8	77.8	38.4	39.4	2.59
(193, 194)	2	SOV	---	---	19	470.5	-----	38.4	20.1	18.3	29.7	15.6	14.1	6.77
(193, 194)	3	SOV	---	---	0	0.5	-----	19.6	-4.4	24.0	15.1	-3.4	18.5	13.28
(208, 209)	1	SOV	---	---	0	132.0	-----	6.6	6.2	0.4	5.1	4.8	0.3	47.12
(207, 198)	1	SOV	---	---	0	178.0	-----	5.3	5.1	0.2	4.1	3.9	0.1	42.86
(206, 207)	1	SOV	---	---	0	178.0	-----	2.8	2.6	0.2	2.2	2.0	0.2	36.59
(200, 210)	1	SOV	---	---	0	112.0	-----	4.1	4.1	0.0	3.2	3.2	0.0	45.06
(210, 211)	1	SOV	---	---	0	112.0	-----	3.5	3.5	0.0	2.7	2.7	0.0	41.69
(178, 202)	1	SOV	---	---	0	337.9	-----	1.9	1.7	0.2	1.5	1.3	0.2	54.78
(178, 202)	2	SOV	---	---	0	360.1	-----	1.9	1.7	0.2	1.5	1.3	0.2	55.90
(139,7009)	1	SOV	---	---	1	1118.0	-----	2.1	2.1	0.1	1.6	1.6	0.0	52.96
(139,7009)	2	SOV	---	---	0	96.0	-----	2.0	2.0	0.1	1.6	1.5	0.1	55.66
(7010, 141)	1	SOV	---	---	25	524.8	-----	80.2	34.1	46.2	61.8	26.2	35.6	3.69
(7010, 141)	2	SOV	---	---	21	434.0	-----	96.7	40.5	56.2	74.7	31.3	43.4	3.06
(211,7011)	1	SOV	---	---	0	112.0	-----	4.6	4.6	0.1	3.6	3.5	0.1	34.94
(7012, 206)	1	SOV	---	---	0	208.0	-----	2.3	2.1	0.2	1.8	1.7	0.1	33.32
(7014, 205)	1	SOV	---	---	1	203.8	-----	4.0	3.7	0.2	3.1	2.9	0.2	42.67
(194,7015)	1	SOV	---	---	8	144.3	-----	48.9	24.4	24.5	37.7	18.8	18.8	2.37
(194,7015)	2	SOV	---	---	7	433.4	-----	16.8	9.0	7.8	13.1	7.0	6.1	6.90
(194,7015)	3	SOV	---	---	1	6.4	-----	131.1	62.8	68.3	100.9	48.3	52.5	0.88
(201, 295)	1	SOV	---	---	1	644.0	-----	8.8	8.8	0.0	6.8	6.8	0.0	57.59
(201, 295)	2	SOV	---	---	1	694.0	-----	8.9	8.8	0.0	6.8	6.8	0.0	57.37
(149, 298)	1	SOV	---	---	8	2155.6	-----	17.0	15.7	1.3	13.2	12.2	1.0	60.08
(149, 298)	2	SOV	---	---	5	1499.2	-----	16.6	15.7	0.9	12.9	12.2	0.7	61.65
(149, 298)	3	SOV	---	---	7	1526.0	-----	16.2	15.6	0.6	12.6	12.1	0.4	63.14

(149, 298)	4	SOV	---	---	5	1391.2	-----	16.7	15.9	0.8	12.8	12.3	0.6	61.24
(149, 298)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(533, 299)	1	SOV	---	---	26	1456.2	-----	18.9	7.8	11.1	14.6	6.0	8.6	20.04
(533, 299)	2	SOV	---	---	15	1794.0	-----	7.6	5.8	1.8	5.9	4.5	1.4	49.69
(533, 299)	3	SOV	---	---	4	1650.5	-----	6.2	5.8	0.4	4.8	4.5	0.3	61.50
(533, 299)	4	SOV	---	---	2	1356.8	-----	6.2	5.9	0.3	4.8	4.5	0.3	60.75
(533, 299)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(533, 299)	9	SOV	---	---	5	259.3	-----	26.3	14.2	12.0	20.3	11.0	9.3	14.41
(299, 300)	1	SOV	---	---	67	1565.7	-----	55.2	22.0	33.2	42.7	17.0	25.7	18.54
(299, 300)	2	SOV	---	---	21	2037.1	-----	25.9	15.8	10.1	20.1	12.3	7.8	39.46
(299, 300)	3	SOV	---	---	14	1922.6	-----	17.7	15.6	2.1	13.7	12.1	1.6	57.66
(299, 300)	4	SOV	---	---	10	1504.7	-----	17.1	15.8	1.2	13.1	12.2	1.0	59.90
(299, 300)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(299, 300)	9	SOV	---	---	13	52.3	-----	126.3	65.5	60.8	97.7	50.7	47.0	8.10
(300, 301)	1	SOV	---	---	82	1248.7	-----	143.5	49.3	94.2	111.5	38.3	73.1	12.33
(300, 301)	2	SOV	---	---	51	1598.7	-----	82.0	32.2	49.8	63.9	25.1	38.8	21.57
(300, 301)	3	SOV	---	---	54	2108.2	-----	43.4	27.4	16.0	33.5	21.2	12.4	40.79
(300, 301)	4	SOV	---	---	39	1884.9	-----	34.5	27.2	7.4	26.5	20.9	5.7	51.28
(300, 301)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(301, 302)	1	SOV	---	---	34	1270.6	-----	84.1	21.7	62.4	65.3	16.8	48.4	8.92
(301, 302)	2	SOV	---	---	21	1308.7	-----	45.6	17.3	28.3	35.4	13.5	22.0	16.46
(301, 302)	3	SOV	---	---	29	1985.9	-----	21.8	12.0	9.8	16.9	9.3	7.6	34.35
(301, 302)	4	SOV	---	---	27	2088.5	-----	15.8	11.5	4.3	12.2	8.9	3.3	47.37
(301, 302)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(302, 303)	1	SOV	---	---	30	1416.4	-----	106.0	17.8	88.2	82.4	13.9	68.5	9.65
(302, 303)	2	SOV	---	---	42	1179.4	-----	94.1	17.1	76.9	73.4	13.4	60.0	10.87
(302, 303)	3	SOV	---	---	48	1882.6	-----	46.5	16.5	30.0	36.0	12.8	23.2	21.99
(302, 303)	4	SOV	---	---	38	2394.5	-----	24.0	15.6	8.4	18.5	12.0	6.5	42.62
(302, 303)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(303, 304)	1	SOV	---	---	20	577.3	-----	146.3	20.7	125.6	114.5	16.2	98.3	3.69
(303, 304)	2	SOV	---	---	20	837.7	-----	97.3	14.0	83.4	76.1	10.9	65.2	5.54
(303, 304)	3	SOV	---	---	14	1756.8	-----	36.9	10.0	26.9	28.5	7.7	20.8	14.62
(303, 304)	4	SOV	---	---	13	2723.4	-----	14.2	8.3	5.9	10.9	6.4	4.6	37.94
(303, 304)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(304, 305)	1	SOV	---	---	55	1234.2	-----	143.3	20.0	123.3	111.1	15.5	95.6	7.13
(304, 305)	2	SOV	---	---	14	835.3	-----	60.5	20.0	40.4	47.4	15.7	31.7	16.91
(304, 305)	3	SOV	---	---	12	1524.8	-----	28.5	16.8	11.7	22.1	13.0	9.1	35.84
(304, 305)	4	SOV	---	---	18	2299.9	-----	20.0	15.8	4.1	15.4	12.2	3.2	51.25
(304, 305)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(305, 306)	1	SOV	---	---	25	2246.6	-----	35.2	10.4	24.8	27.2	8.1	19.2	17.92
(305, 306)	2	SOV	---	---	7	965.1	-----	15.2	9.7	5.5	11.9	7.6	4.3	41.51
(305, 306)	3	SOV	---	---	5	1552.5	-----	10.9	9.8	1.1	8.5	7.6	0.9	57.66
(305, 306)	4	SOV	---	---	10	2235.3	-----	10.3	9.7	0.6	7.9	7.4	0.4	61.57
(305, 306)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(305, 306)	9	SOV	---	---	8	485.4	-----	31.0	22.1	8.9	24.0	17.1	6.9	20.34
(306, 307)	1	SOV	---	---	3	530.0	-----	32.3	30.3	2.0	25.0	23.5	1.5	61.08
(306, 307)	2	SOV	---	---	10	1066.5	-----	33.4	30.3	3.1	26.2	23.7	2.5	58.97
(306, 307)	3	SOV	---	---	13	1609.2	-----	32.2	30.6	1.7	24.9	23.6	1.3	61.11
(306, 307)	4	SOV	---	---	16	2084.3	-----	32.4	30.3	2.1	24.9	23.3	1.6	60.87
(306, 307)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(307, 310)	1	SOV	---	---	2	969.6	-----	9.6	8.8	0.8	7.4	6.8	0.6	59.76
(307, 310)	2	SOV	---	---	2	1259.1	-----	9.4	8.8	0.6	7.3	6.9	0.4	61.46
(307, 310)	3	SOV	---	---	3	1620.3	-----	9.4	8.9	0.5	7.2	6.9	0.3	61.38
(307, 310)	4	SOV	---	---	6	1931.9	-----	9.5	8.9	0.6	7.3	6.8	0.5	60.30
(307, 310)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(307, 310)	9	SOV	---	---	0	36.1	-----	11.9	10.2	1.7	9.2	7.9	1.3	48.39
(310, 311)	1	SOV	---	---	14	2319.2	-----	22.8	15.7	7.1	17.7	12.2	5.5	44.79
(310, 311)	2	SOV	---	---	7	1692.2	-----	17.7	15.6	2.1	13.8	12.1	1.6	57.65
(310, 311)	3	SOV	---	---	9	1622.6	-----	16.7	15.8	0.9	12.9	12.2	0.7	61.28
(310, 311)	4	SOV	---	---	8	1761.6	-----	16.9	15.8	1.1	13.0	12.2	0.8	60.54
(310, 311)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(310, 311)	9	SOV	---	---	1	135.6	-----	29.0	23.7	5.3	22.5	18.4	4.1	35.27
(159, 312)	1	SOV	---	---	7	2880.6	-----	8.6	6.1	2.6	6.7	4.7	2.0	44.83
(159, 312)	2	SOV	---	---	4	1737.6	-----	7.4	6.1	1.3	5.7	4.7	1.0	52.54
(159, 312)	3	SOV	---	---	2	1656.0	-----	6.4	5.9	0.5	5.0	4.6	0.4	60.14
(159, 312)	4	SOV	---	---	1	1266.4	-----	6.2	5.9	0.3	4.8	4.5	0.2	62.60
(159, 312)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(312, 313)	1	SOV	---	---	7	2751.1	-----	11.9	10.0	1.9	9.2	7.8	1.5	53.28
(312, 313)	2	SOV	---	---	5	1772.4	-----	11.0	9.9	1.0	8.5	7.7	0.8	58.06
(312, 313)	3	SOV	---	---	1	1685.6	-----	10.2	9.8	0.4	7.9	7.5	0.3	62.31
(312, 313)	4	SOV	---	---	0	1338.0	-----	10.1	9.7	0.4	7.8	7.4	0.3	63.12
(312, 313)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(313, 314)	1	SOV	---	---	11	994.4	-----	53.9	39.2	14.6	41.8	30.4	11.4	47.01
(313, 314)	2	SOV	---	---	19	1655.3	-----	43.9	39.6	4.3	34.0	30.7	3.3	57.67
(313, 314)	3	SOV	---	---	15	1669.9	-----	40.7	39.0	1.7	31.4	30.1	1.3	62.24
(313, 314)	4	SOV	---	---	11	1423.0	-----	40.3	38.5	1.8	31.0	29.6	1.4	62.85
(313, 314)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(314, 315)	1	SOV	---	---	5	1880.5	-----	21.3	4.1	17.2	16.5	3.2	13.3	12.21
(314, 315)	2	SOV	---	---	3	2219.6	-----	7.7	4.0	3.7	5.9	3.1	2.8	33.88

(314, 315)	3	SOV	---	---	0	1729.5	-----	4.7	4.0	0.8	3.6	3.0	0.6	55.11
(314, 315)	4	SOV	---	---	0	1229.7	-----	4.2	3.9	0.3	3.2	3.0	0.2	62.20
(314, 315)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(314, 315)	9	SOV	---	---	2	460.6	-----	23.6	13.9	9.7	18.3	10.8	7.5	11.01
(555, 316)	1	SOV	---	---	6	2563.9	-----	13.3	8.0	5.3	10.3	6.2	4.1	38.73
(555, 316)	2	SOV	---	---	6	1886.8	-----	9.7	8.0	1.6	7.5	6.3	1.3	52.95
(555, 316)	3	SOV	---	---	5	1965.2	-----	8.4	8.0	0.5	6.5	6.2	0.3	60.76
(555, 316)	4	SOV	---	---	4	1717.1	-----	8.2	7.8	0.4	6.3	6.0	0.3	62.88
(555, 316)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(316, 317)	1	SOV	---	---	7	1043.2	-----	20.2	18.2	1.9	15.6	14.1	1.5	59.06
(316, 317)	2	SOV	---	---	13	1729.7	-----	20.1	18.7	1.5	15.7	14.5	1.2	59.12
(316, 317)	3	SOV	---	---	10	1915.8	-----	19.3	18.6	0.8	14.9	14.3	0.6	61.58
(316, 317)	4	SOV	---	---	3	1803.3	-----	19.0	18.0	0.9	14.6	13.9	0.7	62.81
(316, 317)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(317, 318)	1	SOV	---	---	5	1146.5	-----	16.4	15.6	0.8	12.7	12.1	0.6	62.45
(317, 318)	2	SOV	---	---	4	1637.3	-----	17.0	16.0	1.0	13.2	12.4	0.8	60.17
(317, 318)	3	SOV	---	---	10	1843.3	-----	16.7	16.0	0.7	12.9	12.3	0.6	61.21
(317, 318)	4	SOV	---	---	5	1865.8	-----	16.4	15.5	0.9	12.6	11.9	0.7	62.29
(317, 318)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(318, 319)	1	SOV	---	---	11	1828.0	-----	18.2	15.7	2.6	14.1	12.1	2.0	56.07
(318, 319)	2	SOV	---	---	6	1760.9	-----	17.2	16.0	1.2	13.4	12.4	1.0	59.38
(318, 319)	3	SOV	---	---	7	1834.3	-----	16.8	16.0	0.8	12.9	12.3	0.6	60.96
(318, 319)	4	SOV	---	---	8	1902.0	-----	16.5	15.5	1.0	12.7	11.9	0.8	62.06
(318, 319)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(318, 319)	9	SOV	---	---	1	51.5	-----	25.6	19.2	6.5	19.9	14.9	5.0	39.87
(319, 320)	1	SOV	---	---	6	1829.5	-----	8.2	7.7	0.5	6.4	5.9	0.4	61.05
(319, 320)	2	SOV	---	---	5	1785.5	-----	8.3	7.8	0.5	6.4	6.1	0.4	60.53
(319, 320)	3	SOV	---	---	4	1843.2	-----	8.2	7.8	0.4	6.3	6.0	0.3	60.92
(319, 320)	4	SOV	---	---	3	1916.4	-----	8.1	7.6	0.5	6.2	5.8	0.4	61.99
(319, 320)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(320, 321)	1	SOV	---	---	13	2412.5	-----	22.2	17.4	4.8	17.2	13.5	3.7	51.25
(320, 321)	2	SOV	---	---	9	1743.2	-----	19.4	17.7	1.7	15.1	13.7	1.3	58.64
(320, 321)	3	SOV	---	---	7	1609.6	-----	18.6	17.7	0.9	14.3	13.7	0.7	61.09
(320, 321)	4	SOV	---	---	7	1613.8	-----	18.2	17.2	0.9	14.0	13.3	0.7	62.57
(320, 321)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(321, 322)	1	SOV	---	---	13	2219.6	-----	18.6	16.1	2.5	14.4	12.5	1.9	55.01
(321, 322)	2	SOV	---	---	9	1633.4	-----	17.1	15.9	1.2	13.2	12.3	0.9	59.89
(321, 322)	3	SOV	---	---	6	1455.9	-----	16.5	15.9	0.6	12.7	12.2	0.5	61.98
(321, 322)	4	SOV	---	---	5	1402.5	-----	16.2	15.5	0.7	12.4	11.9	0.5	63.27
(321, 322)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(321, 322)	9	SOV	---	---	4	666.4	-----	17.7	16.6	1.1	13.7	12.8	0.9	57.74
(322, 323)	1	SOV	---	---	3	1050.6	-----	19.7	18.7	1.0	15.3	14.5	0.8	61.19
(322, 323)	2	SOV	---	---	6	1547.0	-----	19.7	18.8	0.9	15.3	14.6	0.7	61.18
(322, 323)	3	SOV	---	---	6	1498.5	-----	19.4	18.7	0.7	15.0	14.4	0.6	62.15
(322, 323)	4	SOV	---	---	7	1415.3	-----	19.2	18.3	0.9	14.8	14.1	0.7	62.92
(322, 323)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(323, 324)	1	SOV	---	---	1	1498.2	-----	10.4	9.4	1.0	8.1	7.3	0.8	58.57
(323, 324)	2	SOV	---	---	2	1556.5	-----	10.0	9.5	0.5	7.8	7.4	0.4	60.92
(323, 324)	3	SOV	---	---	5	1503.3	-----	9.8	9.4	0.4	7.6	7.3	0.3	62.11
(323, 324)	4	SOV	---	---	2	1447.7	-----	9.7	9.2	0.5	7.5	7.1	0.4	62.85
(323, 324)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(323, 324)	9	SOV	---	---	0	41.7	-----	13.2	10.7	2.5	10.2	8.3	1.9	46.13
(324, 325)	1	SOV	---	---	4	1759.9	-----	17.7	15.9	1.8	13.7	12.3	1.4	57.79
(324, 325)	2	SOV	---	---	4	1665.6	-----	16.9	15.9	1.0	13.1	12.3	0.8	60.55
(324, 325)	3	SOV	---	---	5	1516.5	-----	16.5	15.8	0.7	12.7	12.2	0.5	61.98
(324, 325)	4	SOV	---	---	6	1477.2	-----	16.3	15.5	0.8	12.5	11.9	0.6	62.82
(324, 325)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(324, 325)	9	SOV	---	---	0	24.6	-----	21.9	18.3	3.7	16.9	14.1	2.8	46.64
(7023, 147)	1	SOV	---	---	1	1070.8	-----	3.4	2.8	0.6	2.6	2.1	0.5	37.06
(143,7025)	1	SOV	---	---	0	1074.9	-----	2.1	2.0	0.1	1.6	1.6	0.1	48.76
(144, 131)	1	SOV	---	---	1	247.0	-----	2.1	2.0	0.1	1.6	1.5	0.1	48.61
(7022, 144)	1	SOV	---	---	2	273.8	-----	2.6	2.3	0.3	2.0	1.8	0.2	44.30
(347, 348)	1	SOV	---	---	0	288.9	-----	2.9	2.9	0.1	2.3	2.2	0.1	50.70
(347, 348)	6	SOV	---	---	2	1509.6	-----	2.9	2.9	0.1	2.3	2.2	0.0	50.83
(348, 349)	1	SOV	---	---	0	577.3	-----	4.6	4.5	0.1	3.6	3.5	0.1	49.77
(348, 349)	6	SOV	---	---	3	1219.3	-----	4.8	4.7	0.1	3.7	3.6	0.1	48.41
(560, 370)	1	SOV	---	---	2	1685.9	-----	4.8	4.4	0.4	3.7	3.4	0.3	58.49
(560, 370)	2	SOV	---	---	4	1230.2	-----	4.6	4.3	0.4	3.6	3.3	0.3	59.95
(560, 370)	3	SOV	---	---	2	1120.8	-----	4.5	4.3	0.2	3.5	3.3	0.1	62.21
(560, 370)	4	HOV	4	4	0	4.0	4.0	4.2	4.2	0.0	3.3	3.3	0.0	66.61
(370, 371)	1	SOV	---	---	10	1240.6	-----	19.9	19.1	0.9	15.4	14.7	0.7	61.29
(370, 371)	2	SOV	---	---	6	1257.5	-----	19.3	18.7	0.6	14.9	14.5	0.5	63.22
(370, 371)	3	SOV	---	---	4	1117.4	-----	19.4	18.8	0.6	15.0	14.5	0.5	63.02
(370, 371)	4	HOV	4	4	0	4.0	4.0	18.4	18.3	0.0	14.4	14.4	0.0	66.54
(371, 372)	1	SOV	---	---	4	1164.1	-----	16.4	15.6	0.8	12.7	12.1	0.6	61.06

(371, 372)	2	SOV	---	---	8	1328.1	-----	16.0	15.4	0.5	12.3	11.9	0.4	62.94
(371, 372)	3	SOV	---	---	6	1117.3	-----	16.0	15.4	0.5	12.3	11.9	0.4	62.96
(371, 372)	4	HOV	4	4	0	4.0	4.0	15.1	15.1	0.0	11.8	11.8	0.0	66.60
(372, 373)	1	SOV	---	---	5	2027.9	-----	11.9	9.7	2.2	9.2	7.5	1.7	52.52
(372, 373)	2	SOV	---	---	2	1339.3	-----	10.3	9.6	0.7	8.0	7.4	0.5	60.83
(372, 373)	3	SOV	---	---	1	1036.7	-----	10.0	9.6	0.4	7.7	7.4	0.3	62.94
(372, 373)	4	HOV	4	4	0	4.0	4.0	9.4	9.4	0.0	7.4	7.4	0.0	66.58
(372, 373)	9	SOV	---	---	0	85.1	-----	15.7	11.9	3.7	12.1	9.2	2.9	39.97
(373, 374)	1	SOV	---	---	1	1950.6	-----	6.8	6.2	0.6	5.2	4.8	0.5	58.33
(373, 374)	2	SOV	---	---	4	1425.8	-----	6.4	6.1	0.3	4.9	4.7	0.2	61.94
(373, 374)	3	SOV	---	---	2	1119.0	-----	6.3	6.0	0.3	4.9	4.7	0.2	62.94
(373, 374)	4	HOV	4	4	0	4.0	4.0	5.9	5.9	0.0	4.7	4.7	0.0	66.61
(374, 375)	1	SOV	---	---	6	1884.6	-----	10.6	9.9	0.7	8.2	7.7	0.5	59.25
(374, 375)	2	SOV	---	---	4	1454.4	-----	10.0	9.6	0.3	7.7	7.4	0.2	62.92
(374, 375)	3	SOV	---	---	5	1159.1	-----	9.9	9.5	0.4	7.7	7.4	0.3	63.17
(374, 375)	4	HOV	4	4	0	4.0	4.0	9.4	9.4	0.0	7.4	7.4	0.0	66.62
(375, 376)	1	SOV	---	---	4	1215.9	-----	17.2	16.4	0.8	13.3	12.7	0.6	60.80
(375, 376)	2	SOV	---	---	2	1480.4	-----	16.6	16.1	0.5	12.8	12.4	0.4	62.83
(375, 376)	3	SOV	---	---	6	1213.3	-----	16.5	15.9	0.6	12.8	12.3	0.5	63.22
(375, 376)	4	HOV	4	4	0	4.0	4.0	15.7	15.7	0.0	12.3	12.3	0.0	66.58
(376, 377)	1	SOV	---	---	4	1685.4	-----	9.1	7.8	1.3	7.1	6.1	1.0	55.12
(376, 377)	2	SOV	---	---	3	1550.2	-----	8.1	7.8	0.3	6.3	6.0	0.3	62.08
(376, 377)	3	SOV	---	---	2	1258.1	-----	8.0	7.6	0.3	6.2	5.9	0.3	63.13
(376, 377)	4	HOV	4	4	0	4.0	4.0	7.6	7.6	0.0	5.9	5.9	0.0	66.57
(376, 377)	9	SOV	---	---	0	70.5	-----	11.5	9.0	2.5	8.9	7.0	1.9	43.75
(377, 378)	1	SOV	---	---	8	2269.6	-----	16.1	13.8	2.3	12.4	10.7	1.7	55.06
(377, 378)	2	SOV	---	---	4	1626.4	-----	14.5	13.7	0.8	11.1	10.5	0.6	61.33
(377, 378)	3	SOV	---	---	5	1257.4	-----	14.1	13.4	0.6	10.9	10.4	0.5	63.06
(377, 378)	4	HOV	4	4	0	4.0	4.0	13.3	13.3	0.0	10.4	10.4	0.0	66.59
(377, 378)	9	SOV	---	---	0	41.7	-----	19.6	16.0	3.5	15.1	12.4	2.7	45.30
(7028, 368)	1	SOV	---	---	3	488.3	-----	15.9	15.3	0.6	12.3	11.8	0.5	53.33
(7028, 368)	2	SOV	---	---	3	573.4	-----	16.1	15.5	0.6	12.4	11.9	0.5	52.82
(7028, 368)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(378, 384)	1	SOV	---	---	1	2249.5	-----	2.3	2.1	0.2	1.8	1.6	0.1	58.59
(378, 384)	2	SOV	---	---	1	1660.2	-----	2.2	2.1	0.1	1.7	1.6	0.1	62.07
(378, 384)	3	SOV	---	---	0	1288.2	-----	2.2	2.1	0.1	1.7	1.6	0.1	63.32
(378, 384)	4	HOV	4	4	0	4.0	4.0	2.1	2.0	0.0	1.6	1.6	0.0	66.19
(384, 385)	1	SOV	---	---	10	2185.6	-----	15.0	14.0	1.0	11.6	10.8	0.8	59.22

(384, 385)	2	SOV	---	---	10	1665.6	-----	14.2	13.7	0.5	10.9	10.5	0.4	62.55
(384, 385)	3	SOV	---	---	5	1339.0	-----	14.0	13.4	0.6	10.8	10.4	0.4	63.45
(384, 385)	4	HOV	4	4	0	4.0	4.0	13.3	13.3	0.0	10.4	10.4	0.0	66.63
(385, 386)	1	SOV	---	---	14	1543.4	-----	29.0	27.5	1.5	22.3	21.2	1.2	60.10
(385, 386)	2	SOV	---	---	16	1652.5	-----	27.9	26.9	1.1	21.5	20.7	0.8	62.30
(385, 386)	3	SOV	---	---	18	1422.1	-----	27.5	26.3	1.2	21.2	20.3	0.9	63.34
(385, 386)	4	HOV	4	4	0	4.0	4.0	26.1	26.1	0.0	20.5	20.5	0.0	66.59
(402, 403)	1	SOV	---	---	1	458.8	-----	10.8	9.1	1.7	8.4	7.1	1.3	45.80
(402, 403)	2	SOV	---	---	6	1249.4	-----	11.2	9.8	1.4	8.6	7.6	1.1	44.33
(562,7030)	1	SOV	---	---	7	417.6	-----	10.6	3.6	6.9	8.2	2.8	5.4	12.26
(562,7030)	2	SOV	---	---	3	504.8	-----	9.3	3.7	5.6	7.2	2.8	4.3	13.95
(562,7030)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(400, 401)	1	SOV	---	---	1	516.6	-----	20.7	15.4	5.2	16.0	11.9	4.0	49.49
(400, 401)	2	SOV	---	---	2	564.7	-----	16.8	15.5	1.3	13.0	12.0	1.0	60.76
(400, 401)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(400, 401)	9	SOV	---	---	10	1775.6	-----	61.6	16.7	44.9	47.6	12.9	34.7	16.59
(401, 382)	1	SOV	---	---	2	1817.1	-----	9.1	3.1	6.1	7.1	2.4	4.7	15.39
(399, 400)	1	SOV	---	---	0	631.3	-----	12.4	8.2	4.2	9.6	6.3	3.3	36.43
(399, 400)	2	SOV	---	---	1	511.1	-----	7.7	6.8	0.9	6.0	5.3	0.7	58.57
(399, 400)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(399, 400)	9	SOV	---	---	4	1617.3	-----	19.4	7.4	12.0	15.0	5.7	9.3	23.29
(564, 399)	1	SOV	---	---	5	2355.7	-----	16.1	9.7	6.5	12.5	7.5	5.0	35.92
(564, 399)	2	SOV	---	---	2	1206.8	-----	11.8	9.2	2.5	9.1	7.1	2.0	49.25
(564, 399)	3	SOV	---	---	0	897.1	-----	10.2	8.8	1.3	7.9	6.8	1.0	56.99
(564, 399)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(397, 398)	1	SOV	---	---	3	2133.8	-----	17.8	10.3	7.6	13.8	7.9	5.8	32.48
(397, 398)	2	SOV	---	---	1	1087.9	-----	14.6	10.1	4.5	11.3	7.8	3.5	39.79
(397, 398)	3	SOV	---	---	0	964.5	-----	10.5	8.8	1.6	8.1	6.8	1.2	55.42
(397, 398)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(397, 398)	9	SOV	---	---	0	78.3	-----	50.0	26.8	23.2	38.7	20.7	18.0	11.58
(395, 396)	1	SOV	---	---	8	1228.6	-----	20.2	19.3	0.9	15.6	14.9	0.7	61.44
(395, 396)	2	SOV	---	---	13	1427.3	-----	19.8	19.1	0.7	15.3	14.8	0.6	62.59
(395, 396)	3	SOV	---	---	7	1238.0	-----	20.0	18.9	1.0	15.5	14.6	0.8	62.15
(395, 396)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(394, 395)	1	SOV	---	---	5	1879.2	-----	6.5	6.0	0.5	5.0	4.7	0.4	58.58
(394, 395)	2	SOV	---	---	3	1472.8	-----	6.1	5.9	0.2	4.7	4.5	0.2	62.63
(394, 395)	3	SOV	---	---	2	1197.4	-----	6.2	5.8	0.3	4.8	4.5	0.2	62.06

(394, 395)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(393, 394)	1	SOV	---	---	6	1931.2	-----	10.9	10.0	1.0	8.4	7.7	0.7	58.64
(393, 394)	2	SOV	---	---	4	1456.6	-----	10.3	9.8	0.5	8.0	7.6	0.4	62.03
(393, 394)	3	SOV	---	---	2	1158.5	-----	10.3	9.8	0.5	8.0	7.6	0.4	62.00
(393, 394)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(392, 393)	1	SOV	---	---	2	1996.1	-----	7.0	5.9	1.2	5.4	4.6	0.9	54.19
(392, 393)	2	SOV	---	---	1	1352.5	-----	6.2	5.9	0.3	4.8	4.5	0.3	61.67
(392, 393)	3	SOV	---	---	1	1109.5	-----	6.1	5.8	0.3	4.8	4.5	0.2	62.14
(392, 393)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(392, 393)	9	SOV	---	---	0	87.6	-----	8.8	7.1	1.7	6.8	5.5	1.3	43.29
(391, 392)	1	SOV	---	---	5	1396.7	-----	12.4	11.4	1.1	9.6	8.8	0.8	59.30
(391, 392)	2	SOV	---	---	9	1404.2	-----	11.8	11.3	0.5	9.2	8.8	0.4	62.28
(391, 392)	3	SOV	---	---	7	1203.0	-----	11.9	11.3	0.6	9.2	8.8	0.5	61.83
(391, 392)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(391, 392)	9	SOV	---	---	1	26.1	-----	17.1	12.9	4.2	13.3	10.0	3.3	43.10
(390, 391)	1	SOV	---	---	3	1017.6	-----	17.2	16.4	0.8	13.3	12.7	0.6	61.89
(390, 391)	2	SOV	---	---	4	1389.8	-----	17.0	16.3	0.6	13.1	12.6	0.5	62.63
(390, 391)	3	SOV	---	---	4	1253.2	-----	17.2	16.3	0.8	13.3	12.6	0.6	61.93
(390, 391)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(389, 390)	1	SOV	---	---	8	1652.4	-----	16.9	15.9	1.0	13.1	12.3	0.8	60.47
(389, 390)	2	SOV	---	---	5	1370.2	-----	16.3	15.7	0.6	12.6	12.1	0.5	62.62
(389, 390)	3	SOV	---	---	6	1237.9	-----	16.5	15.7	0.7	12.7	12.2	0.6	62.06
(389, 390)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(388, 389)	1	SOV	---	---	2	1693.7	-----	5.5	5.2	0.3	4.2	4.0	0.2	61.25
(388, 389)	2	SOV	---	---	1	1328.3	-----	5.3	5.1	0.2	4.1	4.0	0.1	62.83
(388, 389)	3	SOV	---	---	3	1243.1	-----	5.4	5.2	0.2	4.2	4.0	0.2	62.15
(388, 389)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(387, 388)	1	SOV	---	---	5	1405.6	-----	16.8	15.7	1.2	13.0	12.1	0.9	60.70
(387, 388)	2	SOV	---	---	7	1436.5	-----	16.4	15.8	0.6	12.7	12.2	0.5	62.42
(387, 388)	3	SOV	---	---	4	1397.2	-----	16.6	15.8	0.8	12.8	12.2	0.6	61.73
(387, 388)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(387, 388)	9	SOV	---	---	0	19.4	-----	22.0	17.6	4.4	17.0	13.7	3.4	46.53
(166, 404)	1	SOV	---	---	5	1161.5	-----	8.2	7.9	0.2	6.3	6.1	0.2	62.74
(166, 404)	2	SOV	---	---	2	1442.2	-----	8.1	7.9	0.2	6.3	6.1	0.2	63.14
(166, 404)	3	SOV	---	---	3	1487.9	-----	8.1	7.9	0.3	6.3	6.1	0.2	62.90
(166, 404)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(404, 387)	1	SOV	---	---	4	961.4	-----	17.4	16.8	0.5	13.4	13.0	0.4	63.69
(404, 387)	2	SOV	---	---	7	1422.4	-----	17.6	17.1	0.5	13.6	13.2	0.4	62.78

(404, 387)	3	SOV	---	---	9	1474.6	-----	17.8	17.0	0.8	13.8	13.2	0.6	62.15
(404, 387)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(306, 405)	1	SOV	---	---	5	2268.8	-----	5.2	4.2	1.0	4.0	3.2	0.8	43.13
(558, 406)	1	SOV	---	---	0	1772.8	-----	5.0	4.6	0.4	3.9	3.6	0.3	42.07
(558, 406)	2	SOV	---	---	0	489.5	-----	4.8	4.6	0.1	3.7	3.6	0.1	44.46
(351, 408)	1	SOV	---	---	2	332.4	-----	5.3	4.5	0.8	4.1	3.5	0.6	40.69
(351, 408)	2	SOV	---	---	2	981.3	-----	5.1	4.9	0.2	3.9	3.7	0.2	42.43
(408, 409)	1	SOV	---	---	1	776.9	-----	10.5	9.5	1.0	8.1	7.3	0.8	40.58
(408, 409)	2	SOV	---	---	1	537.0	-----	10.5	9.5	1.0	8.1	7.4	0.8	40.50
(410, 405)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(413, 409)	1	SOV	---	---	7	1678.9	-----	12.8	11.6	1.2	9.9	9.0	0.9	40.54
(349, 350)	1	SOV	---	---	2	272.4	-----	15.2	14.9	0.2	11.7	11.5	0.2	52.19
(349, 350)	2	SOV	---	---	3	1046.1	-----	16.4	16.1	0.3	12.7	12.4	0.2	48.31
(350, 351)	1	SOV	---	---	2	418.5	-----	12.6	12.4	0.2	9.7	9.6	0.1	47.46
(350, 351)	2	SOV	---	---	6	899.7	-----	13.7	13.4	0.3	10.6	10.4	0.2	43.48
(406, 413)	1	SOV	---	---	4	1680.7	-----	14.5	13.7	0.8	11.2	10.6	0.6	42.35
(416,7031)	1	SOV	---	---	0	417.0	-----	2.5	2.4	0.1	1.9	1.9	0.1	50.47
(7032, 435)	1	SOV	---	---	1	947.0	-----	3.6	3.2	0.4	2.8	2.5	0.3	44.22
(435, 436)	1	SOV	---	---	0	876.0	-----	3.1	3.0	0.1	2.4	2.3	0.1	48.27
(436, 372)	1	SOV	---	---	1	877.0	-----	3.9	3.7	0.3	3.0	2.8	0.2	50.12
(395, 437)	1	SOV	---	---	0	441.5	-----	6.9	6.7	0.2	5.3	5.2	0.2	53.25
(395, 437)	2	SOV	---	---	0	209.7	-----	6.9	6.7	0.2	5.3	5.1	0.2	53.23
(437,7033)	1	SOV	---	---	0	34.0	-----	5.7	4.9	0.7	4.4	3.8	0.6	46.94
(437,7033)	2	SOV	---	---	1	619.0	-----	5.5	5.2	0.3	4.3	4.0	0.2	48.05
(7034, 440)	1	SOV	---	---	1	736.7	-----	3.3	2.8	0.5	2.6	2.2	0.4	43.36
(440, 441)	1	SOV	---	---	3	674.9	-----	4.2	3.8	0.3	3.2	3.0	0.3	46.90
(7035, 443)	1	SOV	---	---	0	719.6	-----	3.9	2.9	1.0	3.0	2.2	0.8	34.07
(443, 444)	1	SOV	---	---	0	657.0	-----	3.2	2.9	0.3	2.4	2.2	0.2	44.71

(444, 376)	1	SOV	---	---	0	657.0	-----	9.2	8.8	0.4	7.1	6.8	0.3	52.29
(375, 442)	1	SOV	---	---	1	592.4	-----	4.7	4.5	0.1	3.6	3.5	0.1	53.18
(442,7036)	1	SOV	---	---	0	592.0	-----	3.4	3.3	0.1	2.6	2.6	0.1	50.25
(7037, 454)	1	SOV	---	---	0	675.1	-----	3.5	3.1	0.4	2.7	2.4	0.3	44.63
(454, 455)	1	SOV	---	---	0	625.8	-----	3.5	3.4	0.1	2.7	2.6	0.1	48.77
(455, 377)	1	SOV	---	---	0	627.2	-----	5.0	4.8	0.2	3.9	3.7	0.2	51.63
(390, 458)	1	SOV	---	---	3	600.4	-----	9.2	8.5	0.7	7.2	6.6	0.6	50.77
(456, 457)	1	SOV	---	---	0	365.0	-----	2.4	2.2	0.2	1.9	1.7	0.2	45.44
(457, 391)	1	SOV	---	---	0	365.0	-----	2.0	1.9	0.2	1.6	1.5	0.1	48.60
(7038, 456)	1	SOV	---	---	1	424.6	-----	2.1	1.6	0.5	1.6	1.2	0.4	39.40
(458,7039)	1	SOV	---	---	1	572.3	-----	5.2	3.1	2.1	4.0	2.4	1.6	27.66
(7040, 466)	1	SOV	---	---	0	567.5	-----	3.4	3.0	0.4	2.6	2.3	0.3	44.25
(466, 467)	1	SOV	---	---	0	523.0	-----	3.1	3.0	0.1	2.4	2.3	0.1	48.62
(467, 392)	1	SOV	---	---	0	523.3	-----	4.0	3.7	0.2	3.1	2.9	0.2	50.86
(309,7043)	1	SOV	---	---	2	1646.3	-----	11.6	3.7	7.9	8.9	2.9	6.1	15.17
(7044, 483)	1	SOV	---	---	3	943.1	-----	6.0	5.3	0.6	4.6	4.1	0.5	44.80
(484, 318)	1	SOV	---	---	2	896.6	-----	4.9	4.5	0.3	3.7	3.5	0.3	50.32
(483, 484)	1	SOV	---	---	5	897.5	-----	3.7	3.5	0.2	2.8	2.7	0.1	47.93
(303, 487)	1	SOV	---	---	4	773.8	-----	9.6	5.8	3.8	7.4	4.5	2.9	31.79
(487, 488)	1	SOV	---	---	9	770.0	-----	9.1	6.7	2.3	7.0	5.2	1.8	37.37
(488,7046)	1	SOV	---	---	10	758.9	-----	7.0	4.1	3.0	5.5	3.1	2.3	28.26
(490, 305)	1	SOV	---	---	4	1523.5	-----	11.4	9.0	2.4	8.8	6.9	1.9	41.84
(489, 490)	1	SOV	---	---	3	1550.6	-----	6.7	6.3	0.5	5.2	4.9	0.4	46.67

(7047, 489)	1	SOV	---	---	3	1642.5	-----	5.3	4.3	1.1	4.1	3.3	0.8	40.21
(7045, 531)	1	SOV	---	---	12	627.4	-----	5.5	2.6	2.9	4.2	2.0	2.2	29.37
(7045, 531)	2	SOV	---	---	0	49.6	-----	5.7	2.3	3.5	4.4	1.7	2.7	27.99
(531, 532)	1	SOV	---	---	8	564.8	-----	5.4	2.9	2.5	4.2	2.2	1.9	26.30
(531, 532)	2	SOV	---	---	2	0.5	-----	96.7	41.0	55.6	75.1	31.9	43.2	1.47
(532, 299)	1	SOV	---	---	10	495.2	-----	8.0	4.1	4.0	6.2	3.1	3.1	17.63
(322, 522)	1	SOV	---	---	0	863.1	-----	3.0	2.9	0.0	2.3	2.3	0.0	54.43
(322, 522)	2	SOV	---	---	0	1005.8	-----	3.0	2.9	0.1	2.3	2.3	0.1	53.45
(7049, 523)	1	SOV	---	---	0	589.8	-----	3.3	3.0	0.3	2.6	2.3	0.3	37.20
(523, 524)	1	SOV	---	---	0	538.5	-----	6.3	5.7	0.6	4.9	4.4	0.5	44.65
(524, 323)	1	SOV	---	---	0	541.4	-----	5.3	5.0	0.3	4.1	3.9	0.2	51.17
(298, 533)	1	SOV	---	---	12	951.0	-----	21.6	18.6	3.0	16.8	14.4	2.3	55.90
(298, 533)	2	SOV	---	---	15	1536.2	-----	19.7	18.6	1.1	15.3	14.4	0.9	61.26
(298, 533)	3	SOV	---	---	7	1582.4	-----	19.2	18.4	0.8	14.9	14.3	0.6	62.84
(298, 533)	4	SOV	---	---	9	1358.1	-----	19.8	18.8	1.0	15.2	14.5	0.7	60.97
(298, 533)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(7050, 529)	1	SOV	---	---	0	398.1	-----	4.1	2.9	1.1	3.1	2.3	0.9	29.77
(7050, 529)	2	SOV	---	---	0	1098.8	-----	3.9	2.9	1.0	3.0	2.2	0.8	31.06
(529, 530)	1	SOV	---	---	2	538.7	-----	3.7	1.9	1.8	2.8	1.5	1.4	30.37
(529, 530)	2	SOV	---	---	5	813.3	-----	4.1	2.5	1.6	3.2	1.9	1.2	27.20
(530, 533)	1	SOV	---	---	20	1318.7	-----	10.3	6.6	3.7	7.9	5.1	2.9	33.08
(7051, 525)	1	SOV	---	---	0	423.5	-----	3.3	3.0	0.3	2.5	2.3	0.2	45.28
(525, 526)	1	SOV	---	---	0	391.5	-----	5.5	5.4	0.1	4.3	4.2	0.1	49.07
(526, 324)	1	SOV	---	---	0	393.0	-----	6.8	6.5	0.2	5.2	5.0	0.2	52.56
(298, 534)	1	SOV	---	---	1	1138.3	-----	5.5	5.1	0.4	4.3	4.0	0.3	59.91
(534,7052)	1	SOV	---	---	1	1138.1	-----	3.3	2.8	0.4	2.5	2.2	0.3	55.31
(313, 347)	1	SOV	---	---	4	1799.2	-----	5.4	5.1	0.3	4.1	3.9	0.2	51.99
(315, 554)	1	SOV	---	---	6	2589.8	-----	16.8	5.8	10.9	13.0	4.5	8.5	22.48
(315, 554)	2	SOV	---	---	3	2044.0	-----	11.1	6.0	5.1	8.6	4.7	4.0	33.90

(315, 554)	3	SOV	---	---	3	1721.2	-----	7.3	5.8	1.4	5.6	4.5	1.1	51.91
(315, 554)	4	SOV	---	---	3	1411.1	-----	6.2	5.7	0.5	4.8	4.4	0.4	60.88
(315, 554)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(315, 554)	9	SOV	---	---	0	348.1	-----	9.6	8.9	0.7	7.4	6.9	0.5	39.12
(554, 555)	1	SOV	---	---	3	2759.9	-----	11.9	6.8	5.1	9.2	5.3	4.0	36.52
(554, 555)	2	SOV	---	---	1	1861.1	-----	9.5	6.9	2.6	7.4	5.4	2.0	45.89
(554, 555)	3	SOV	---	---	2	1890.6	-----	7.7	6.8	0.9	5.9	5.2	0.7	56.89
(554, 555)	4	SOV	---	---	2	1615.1	-----	7.1	6.6	0.5	5.4	5.1	0.4	61.73
(554, 555)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(522,7048)	1	SOV	---	---	0	871.0	-----	3.3	3.2	0.1	2.6	2.5	0.1	50.85
(522,7048)	2	SOV	---	---	1	997.8	-----	3.3	3.3	0.1	2.6	2.5	0.1	50.48
(405, 558)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(405, 558)	6	SOV	---	---	5	2264.3	-----	3.8	3.4	0.3	2.9	2.7	0.2	45.71
(409, 559)	1	SOV	---	---	3	1713.6	-----	5.4	5.0	0.4	4.1	3.8	0.3	41.88
(409, 559)	6	SOV	---	---	2	1280.7	-----	5.2	5.0	0.3	4.1	3.8	0.2	42.76
(369, 560)	1	SOV	---	---	0	1082.3	-----	5.2	4.8	0.4	4.0	3.7	0.3	60.85
(369, 560)	2	HOV	4	4	0	4.0	4.0	4.7	4.7	0.0	3.7	3.7	0.0	66.51
(369, 560)	9	SOV	---	---	0	1252.4	-----	5.6	4.9	0.7	4.3	3.8	0.5	56.25
(369, 560)	10	SOV	---	---	2	1703.5	-----	5.7	5.0	0.8	4.4	3.8	0.6	54.83
(401, 562)	1	SOV	---	---	1	417.8	-----	6.8	2.9	3.9	5.3	2.3	3.0	18.06
(401, 562)	2	SOV	---	---	0	543.6	-----	4.6	2.4	2.2	3.6	1.8	1.7	26.76
(401, 562)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(97, 563)	1	SOV	---	---	5	1426.3	-----	17.9	15.5	2.4	13.9	12.0	1.9	56.99
(97, 563)	2	SOV	---	---	8	1466.3	-----	17.1	16.1	1.1	13.3	12.5	0.8	59.68
(97, 563)	3	SOV	---	---	4	1454.0	-----	16.5	15.8	0.7	12.7	12.2	0.5	62.16
(97, 563)	4	SOV	---	---	6	1314.5	-----	16.6	15.6	0.9	12.7	12.0	0.7	61.74
(97, 563)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(97, 563)	9	SOV	---	---	0	36.1	-----	26.8	20.2	6.7	20.8	15.7	5.2	38.10
(398, 564)	1	SOV	---	---	4	2295.8	-----	10.9	7.0	3.9	8.4	5.4	3.1	40.58
(398, 564)	2	SOV	---	---	4	1188.9	-----	8.0	7.0	1.0	6.2	5.4	0.8	55.52
(398, 564)	3	SOV	---	---	1	1053.4	-----	7.4	6.7	0.6	5.7	5.2	0.5	60.12
(398, 564)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(27, 28)	1	SOV	---	---	2	911.1	-----	11.7	11.0	0.8	9.0	8.5	0.6	58.09
(27, 28)	2	SOV	---	---	3	839.4	-----	10.9	10.2	0.8	8.4	7.8	0.6	62.35
(27, 28)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(28, 29)	1	SOV	---	---	1	1079.4	-----	8.9	8.6	0.3	6.9	6.6	0.3	61.13
(28, 29)	2	SOV	---	---	0	869.4	-----	8.2	8.1	0.2	6.4	6.2	0.1	66.20

(28,	29)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(28,	29)	9	SOV	---	---	3	1080.7	-----	9.4	8.6	0.8	7.3	6.6	0.6	57.94
(29,	30)	1	SOV	---	---	2	1025.9	-----	5.5	5.3	0.2	4.2	4.1	0.1	62.05
(29,	30)	2	SOV	---	---	1	1091.1	-----	5.5	5.4	0.1	4.2	4.1	0.1	61.94
(29,	30)	3	SOV	---	---	0	914.6	-----	5.2	5.1	0.1	4.0	3.9	0.1	66.11
(29,	30)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(30,	31)	1	SOV	---	---	6	1186.2	-----	16.5	15.9	0.6	12.7	12.3	0.5	61.95
(30,	31)	2	SOV	---	---	5	1086.8	-----	16.4	16.0	0.4	12.7	12.3	0.3	62.18
(30,	31)	3	SOV	---	---	2	941.2	-----	15.5	15.2	0.3	12.0	11.7	0.2	65.88
(30,	31)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(30,	31)	9	SOV	---	---	7	1177.5	-----	17.1	15.9	1.2	13.2	12.3	0.9	59.82
(31,	32)	1	SOV	---	---	2	1119.8	-----	9.4	9.0	0.4	7.3	7.0	0.3	62.08
(31,	32)	2	SOV	---	---	4	1647.6	-----	9.7	9.1	0.6	7.5	7.0	0.4	60.46
(31,	32)	3	SOV	---	---	2	902.6	-----	9.3	9.1	0.3	7.2	7.0	0.2	62.64
(31,	32)	4	SOV	---	---	4	718.3	-----	8.9	8.7	0.1	6.8	6.7	0.1	66.01
(31,	32)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(32,	33)	1	SOV	---	---	2	330.4	-----	8.2	7.8	0.5	6.4	6.0	0.4	61.99
(32,	33)	2	SOV	---	---	6	1314.9	-----	8.3	8.0	0.3	6.4	6.2	0.2	61.71
(32,	33)	3	SOV	---	---	2	966.6	-----	8.1	7.9	0.2	6.2	6.1	0.1	63.51
(32,	33)	4	HOV	0	747	0	692.5	692.5	7.7	7.6	0.1	6.0	5.9	0.1	66.10
(32,	33)	9	SOV	---	---	4	1080.1	-----	8.1	7.9	0.2	6.3	6.1	0.2	62.75
(33,	34)	1	SOV	---	---	0	463.4	-----	8.0	7.8	0.3	6.2	6.0	0.2	63.87
(33,	34)	2	SOV	---	---	5	1209.6	-----	8.3	8.1	0.2	6.4	6.2	0.1	61.85
(33,	34)	3	SOV	---	---	4	981.1	-----	8.1	7.9	0.2	6.2	6.1	0.1	63.37
(33,	34)	4	SOV	---	---	3	759.3	-----	7.8	7.6	0.1	6.0	5.9	0.1	65.98
(33,	34)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(33,	34)	9	SOV	---	---	4	965.1	-----	8.8	8.6	0.2	6.8	6.6	0.2	57.88
(34,	35)	1	SOV	---	---	1	358.2	-----	6.7	6.5	0.1	5.2	5.1	0.1	66.07
(34,	35)	2	SOV	---	---	5	1087.3	-----	7.2	7.0	0.2	5.5	5.4	0.1	61.46
(34,	35)	3	SOV	---	---	3	969.8	-----	7.0	6.8	0.1	5.4	5.3	0.1	63.27
(34,	35)	4	SOV	---	---	2	783.1	-----	6.7	6.6	0.1	5.2	5.1	0.1	65.87
(34,	35)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(35,	36)	1	SOV	---	---	2	423.5	-----	8.1	8.0	0.1	6.2	6.2	0.1	66.48
(35,	36)	2	SOV	---	---	2	995.7	-----	8.8	8.6	0.2	6.8	6.6	0.1	61.17
(35,	36)	3	SOV	---	---	3	963.5	-----	8.5	8.3	0.2	6.6	6.4	0.2	63.03
(35,	36)	4	SOV	---	---	0	810.8	-----	8.2	8.0	0.2	6.3	6.2	0.1	65.71
(35,	36)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(36,	37)	1	SOV	---	---	0	488.6	-----	9.0	8.9	0.1	6.9	6.8	0.1	66.49
(36,	37)	2	SOV	---	---	1	911.6	-----	9.8	9.6	0.2	7.5	7.4	0.1	61.04

(36,	37)	3	SOV	---	---	2	941.4	-----	9.5	9.3	0.2	7.3	7.1	0.2	62.86
(36,	37)	4	SOV	---	---	2	848.2	-----	9.1	8.9	0.2	7.0	6.9	0.2	65.67
(36,	37)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(37,	54)	1	SOV	---	---	3	496.0	-----	10.2	10.1	0.1	7.9	7.8	0.1	66.65
(37,	54)	2	SOV	---	---	4	877.2	-----	11.1	10.9	0.2	8.6	8.4	0.1	61.04
(37,	54)	3	SOV	---	---	2	922.0	-----	10.8	10.5	0.3	8.3	8.1	0.2	62.87
(37,	54)	4	SOV	---	---	5	891.2	-----	10.4	10.1	0.2	8.0	7.8	0.2	65.43
(37,	54)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(54,	55)	1	SOV	---	---	2	1261.9	-----	7.6	6.7	0.8	5.8	5.2	0.6	58.66
(54,	55)	2	SOV	---	---	2	943.2	-----	7.3	7.1	0.2	5.6	5.4	0.2	60.89
(54,	55)	3	SOV	---	---	2	931.4	-----	7.1	6.9	0.2	5.4	5.3	0.1	62.72
(54,	55)	4	SOV	---	---	4	920.7	-----	6.8	6.6	0.2	5.2	5.1	0.1	65.19
(54,	55)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(54,	55)	9	SOV	---	---	0	87.1	-----	9.5	7.8	1.6	7.3	6.0	1.3	46.81
(55,	56)	1	SOV	---	---	3	1213.0	-----	5.5	5.2	0.3	4.3	4.0	0.2	61.52
(55,	56)	2	SOV	---	---	2	1046.8	-----	5.6	5.4	0.1	4.3	4.2	0.1	61.38
(55,	56)	3	SOV	---	---	1	936.2	-----	5.4	5.3	0.2	4.2	4.1	0.1	62.57
(55,	56)	4	SOV	---	---	3	943.1	-----	5.2	5.1	0.1	4.0	3.9	0.1	65.08
(55,	56)	5	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(56,	57)	1	SOV	---	---	4	1238.3	-----	11.2	10.7	0.5	8.6	8.2	0.4	60.92
(56,	57)	2	SOV	---	---	4	959.8	-----	10.9	10.6	0.3	8.4	8.2	0.2	62.62
(56,	57)	3	SOV	---	---	2	968.6	-----	10.5	10.2	0.3	8.1	7.9	0.2	64.86
(56,	57)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(56,	57)	9	SOV	---	---	8	1888.1	-----	12.2	10.5	1.7	9.4	8.1	1.3	55.95
(56,	57)	10	SOV	---	---	1	82.3	-----	15.5	12.0	3.6	12.0	9.3	2.7	43.90
(57,	58)	1	SOV	---	---	2	1374.0	-----	5.5	5.3	0.2	4.2	4.1	0.1	62.04
(57,	58)	2	SOV	---	---	3	1004.7	-----	5.4	5.3	0.1	4.2	4.1	0.1	62.83
(57,	58)	3	SOV	---	---	2	978.7	-----	5.3	5.1	0.2	4.1	3.9	0.1	64.82
(57,	58)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(57,	58)	9	SOV	---	---	2	1787.8	-----	5.6	5.3	0.4	4.3	4.1	0.3	60.66
(58,	59)	1	SOV	---	---	3	1400.4	-----	6.3	6.2	0.2	4.9	4.8	0.1	62.53
(58,	59)	2	SOV	---	---	2	1014.7	-----	6.3	6.1	0.2	4.8	4.7	0.1	63.04
(58,	59)	3	SOV	---	---	1	966.4	-----	6.1	5.9	0.2	4.7	4.6	0.1	64.70
(58,	59)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(58,	59)	9	SOV	---	---	4	1766.3	-----	6.4	6.1	0.3	4.9	4.7	0.2	61.78
(59,	60)	1	SOV	---	---	4	1383.4	-----	9.2	8.9	0.3	7.1	6.9	0.3	62.23
(59,	60)	2	SOV	---	---	5	1658.7	-----	9.3	8.8	0.5	7.2	6.8	0.4	61.77
(59,	60)	3	SOV	---	---	0	79.4	-----	8.9	8.1	0.9	6.9	6.2	0.7	64.51
(59,	60)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(59,	60)	9	SOV	---	---	4	2025.9	-----	9.5	8.9	0.6	7.3	6.9	0.5	60.42

(60,	61)	1	SOV	---	---	5	2534.1	-----	17.9	15.9	2.0	13.8	12.3	1.6	57.06
(60,	61)	2	SOV	---	---	5	1371.1	-----	16.4	15.7	0.7	12.6	12.1	0.5	62.47
(60,	61)	3	SOV	---	---	3	1240.7	-----	16.1	15.6	0.5	12.4	12.0	0.4	63.43
(60,	61)	4	HOV	11	11	0	11.0	11.0	17.7	15.0	2.6	14.0	11.9	2.1	57.83
(61,	62)	1	SOV	---	---	6	1923.9	-----	11.6	10.8	0.8	9.0	8.4	0.6	58.66
(61,	62)	2	SOV	---	---	5	1452.6	-----	10.8	10.5	0.3	8.3	8.1	0.3	63.14
(61,	62)	3	SOV	---	---	1	1266.2	-----	10.7	10.4	0.4	8.3	8.0	0.3	63.61
(61,	62)	4	HOV	11	11	0	11.0	11.0	13.9	10.0	3.9	11.1	8.0	3.1	49.15
(62,	63)	1	SOV	---	---	1	1015.4	-----	12.3	11.9	0.5	9.5	9.2	0.4	61.31
(62,	63)	2	SOV	---	---	3	1428.6	-----	12.0	11.6	0.4	9.3	9.0	0.3	63.08
(62,	63)	3	SOV	---	---	4	1284.2	-----	11.9	11.5	0.4	9.2	8.9	0.3	63.37
(62,	63)	4	HOV	11	11	0	11.0	11.0	11.9	11.1	0.8	9.4	8.8	0.6	63.39
(63,	64)	1	SOV	---	---	6	1007.0	-----	12.7	12.2	0.4	9.8	9.4	0.3	61.75
(63,	64)	2	SOV	---	---	6	1415.2	-----	12.5	12.1	0.4	9.6	9.3	0.3	62.89
(63,	64)	3	SOV	---	---	6	1304.0	-----	12.4	11.9	0.5	9.6	9.2	0.4	63.11
(63,	64)	4	HOV	11	11	0	11.0	11.0	11.7	11.5	0.2	9.2	9.1	0.1	66.98
(64,	65)	1	SOV	---	---	6	1773.2	-----	12.0	10.6	1.4	9.3	8.2	1.1	56.64
(64,	65)	2	SOV	---	---	6	1524.6	-----	11.0	10.5	0.5	8.5	8.1	0.4	61.95
(64,	65)	3	SOV	---	---	9	1340.2	-----	10.9	10.3	0.5	8.4	8.0	0.4	62.84
(64,	65)	4	HOV	11	11	0	11.0	11.0	10.1	10.0	0.0	7.9	7.9	0.0	67.75
(64,	65)	9	SOV	---	---	0	69.1	-----	15.1	12.1	3.0	11.7	9.4	2.3	45.11
(65,	66)	1	SOV	---	---	3	1726.5	-----	5.7	5.3	0.3	4.4	4.1	0.3	60.14
(65,	66)	2	SOV	---	---	2	1597.5	-----	5.5	5.3	0.2	4.2	4.1	0.2	62.24
(65,	66)	3	SOV	---	---	3	1385.2	-----	5.4	5.2	0.3	4.2	4.0	0.2	62.79
(65,	66)	4	HOV	11	11	0	11.0	11.0	5.0	5.0	0.0	3.9	3.9	0.0	67.98
(66,	67)	1	SOV	---	---	6	1818.0	-----	10.5	9.9	0.6	8.1	7.7	0.5	60.64
(66,	67)	2	SOV	---	---	5	1579.2	-----	10.2	9.8	0.4	7.9	7.6	0.3	62.58
(66,	67)	3	SOV	---	---	6	1306.6	-----	10.2	9.7	0.5	7.8	7.5	0.4	62.88
(66,	67)	4	HOV	11	11	0	11.0	11.0	9.4	9.4	0.0	7.4	7.4	0.0	67.94
(67,	68)	1	SOV	---	---	15	2696.1	-----	16.1	13.8	2.3	12.4	10.6	1.8	54.91
(67,	68)	2	SOV	---	---	1	1148.8	-----	14.4	13.6	0.8	11.1	10.5	0.6	61.70
(67,	68)	3	SOV	---	---	1	852.3	-----	13.8	13.4	0.4	10.7	10.3	0.3	64.21
(67,	68)	4	HOV	11	11	0	11.0	11.0	13.0	13.0	0.0	10.2	10.2	0.0	68.01
(68,	69)	1	SOV	---	---	14	2518.4	-----	17.6	16.1	1.5	13.6	12.5	1.1	58.13
(68,	69)	2	SOV	---	---	6	1232.5	-----	16.1	15.7	0.4	12.4	12.1	0.3	63.40
(68,	69)	3	SOV	---	---	4	937.6	-----	15.9	15.4	0.5	12.2	11.9	0.4	64.50
(68,	69)	4	HOV	11	11	0	11.0	11.0	19.9	15.0	4.9	15.9	11.9	3.9	51.34

(69, 70)	1	SOV	---	---	5	711.0	-----	19.0	18.4	0.5	14.6	14.2	0.4	60.95
(69, 70)	2	SOV	---	---	6	1193.6	-----	18.3	17.9	0.4	14.1	13.8	0.3	63.25
(69, 70)	3	SOV	---	---	2	982.3	-----	18.0	17.4	0.6	13.9	13.4	0.5	64.38
(69, 70)	4	HOV	11	11	0	11.0	11.0	18.8	17.0	1.8	14.9	13.4	1.4	61.35
(70, 71)	1	SOV	---	---	1	737.2	-----	8.6	8.4	0.2	6.6	6.5	0.2	61.60
(70, 71)	2	SOV	---	---	3	1125.7	-----	8.4	8.2	0.2	6.5	6.3	0.1	63.00
(70, 71)	3	SOV	---	---	1	1022.6	-----	8.3	8.0	0.3	6.4	6.1	0.2	64.22
(70, 71)	4	HOV	11	11	0	11.0	11.0	8.0	7.8	0.1	6.3	6.1	0.1	66.62
(71, 72)	1	SOV	---	---	4	1010.2	-----	16.9	16.1	0.8	13.0	12.4	0.6	60.51
(71, 72)	2	SOV	---	---	5	1132.1	-----	16.3	15.9	0.4	12.6	12.2	0.3	62.80
(71, 72)	3	SOV	---	---	8	1049.2	-----	16.0	15.4	0.6	12.3	11.9	0.5	64.08
(71, 72)	4	HOV	11	11	0	11.0	11.0	15.1	15.0	0.1	11.9	11.8	0.1	67.69
(71, 72)	9	SOV	---	---	0	12.9	-----	20.8	17.8	3.0	16.1	13.8	2.3	49.10
(72, 73)	1	SOV	---	---	2	860.1	-----	24.6	23.6	1.0	19.0	18.2	0.7	61.43
(72, 73)	2	SOV	---	---	9	1496.4	-----	24.6	23.4	1.2	19.0	18.1	0.9	61.31
(72, 73)	3	SOV	---	---	3	847.1	-----	23.7	22.7	1.0	18.3	17.5	0.7	63.83
(72, 73)	4	HOV	11	11	0	11.0	11.0	22.2	22.2	0.0	17.5	17.4	0.0	67.97
(73, 74)	1	SOV	---	---	10	1643.0	-----	17.1	16.3	0.8	13.2	12.6	0.6	59.77
(73, 74)	2	SOV	---	---	3	704.0	-----	15.7	15.3	0.4	12.1	11.8	0.3	65.17
(73, 74)	3	HOV	11	11	0	11.0	11.0	21.9	15.0	6.9	17.5	12.0	5.5	46.68
(73, 74)	9	SOV	---	---	5	857.1	-----	16.9	16.3	0.5	13.0	12.6	0.4	60.68
(74, 75)	1	SOV	---	---	3	626.9	-----	23.4	22.9	0.6	18.1	17.6	0.4	61.04
(74, 75)	2	SOV	---	---	6	751.3	-----	21.9	21.5	0.4	16.9	16.6	0.3	65.44
(74, 75)	3	HOV	11	11	0	11.0	11.0	24.0	21.1	3.0	19.0	16.7	2.4	59.52
(75, 76)	1	SOV	---	---	0	1024.4	-----	6.2	5.6	0.5	4.8	4.3	0.4	58.15
(75, 76)	2	SOV	---	---	1	824.9	-----	5.6	5.4	0.2	4.3	4.2	0.1	64.44
(75, 76)	3	HOV	11	11	0	11.0	11.0	5.4	5.3	0.1	4.2	4.1	0.1	66.45
(75, 76)	9	SOV	---	---	0	56.1	-----	7.4	6.3	1.1	5.7	4.9	0.8	48.47
(76, 77)	1	SOV	---	---	0	1191.2	-----	4.0	3.4	0.6	3.1	2.6	0.5	54.38
(76, 77)	2	SOV	---	---	1	962.2	-----	3.5	3.3	0.2	2.7	2.5	0.1	63.07
(76, 77)	3	HOV	11	11	0	11.0	11.0	3.3	3.2	0.0	2.6	2.5	0.0	67.17
(76, 77)	9	SOV	---	---	0	85.4	-----	5.8	3.8	2.1	4.5	2.9	1.6	37.44
(568, 569)	1	SOV	---	---	0	1433.2	-----	2.9	2.2	0.7	2.3	1.7	0.6	46.34
(568, 569)	2	SOV	---	---	0	640.8	-----	3.3	2.1	1.1	2.5	1.7	0.9	41.53
(568, 569)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(569, 570)	1	SOV	---	---	4	580.2	-----	14.1	13.1	1.1	10.9	10.1	0.8	59.81
(569, 570)	2	SOV	---	---	1	597.0	-----	14.3	13.0	1.3	11.1	10.0	1.0	58.92
(569, 570)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(570, 571)	1	SOV	---	---	1	722.7	-----	9.0	8.6	0.4	6.9	6.6	0.3	62.52
(570, 571)	2	SOV	---	---	2	587.7	-----	9.0	8.6	0.4	6.9	6.6	0.3	62.58
(570, 571)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(570, 571)	9	SOV	---	---	4	720.6	-----	9.6	8.8	0.8	7.4	6.8	0.6	58.33
(571, 572)	1	SOV	---	---	7	803.5	-----	16.6	15.9	0.7	12.8	12.3	0.5	61.50
(571, 572)	2	SOV	---	---	5	772.1	-----	16.0	15.6	0.4	12.3	12.0	0.3	63.97
(571, 572)	3	SOV	---	---	1	596.0	-----	16.2	15.6	0.6	12.5	12.1	0.5	63.02
(571, 572)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(571, 572)	9	SOV	---	---	0	5.0	-----	19.0	18.0	1.0	14.8	14.0	0.8	53.78
(572, 573)	1	SOV	---	---	8	805.4	-----	24.2	23.4	0.8	18.7	18.1	0.7	61.72
(572, 573)	2	SOV	---	---	8	779.5	-----	23.3	22.8	0.5	18.0	17.6	0.4	64.29
(572, 573)	3	SOV	---	---	6	584.1	-----	23.6	22.8	0.8	18.3	17.6	0.6	63.29
(572, 573)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(573, 574)	1	SOV	---	---	0	832.9	-----	16.7	16.1	0.6	12.9	12.4	0.5	61.09
(573, 574)	2	SOV	---	---	0	763.8	-----	16.0	15.6	0.4	12.3	12.0	0.3	64.00
(573, 574)	3	SOV	---	---	0	574.5	-----	16.1	15.6	0.5	12.4	12.0	0.4	63.70
(573, 574)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(574, 575)	1	SOV	---	---	0	644.6	-----	14.0	13.6	0.4	10.8	10.5	0.3	61.72
(574, 575)	2	SOV	---	---	0	772.2	-----	13.4	13.1	0.3	10.4	10.1	0.2	64.27
(574, 575)	3	SOV	---	---	0	598.1	-----	13.6	13.1	0.4	10.5	10.1	0.3	63.60
(574, 575)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(575, 576)	1	SOV	---	---	0	595.2	-----	19.3	18.6	0.7	14.9	14.4	0.5	61.60
(575, 576)	2	SOV	---	---	5	802.0	-----	18.5	18.1	0.4	14.3	14.0	0.3	64.04
(575, 576)	3	SOV	---	---	1	618.5	-----	18.6	18.0	0.6	14.4	13.9	0.5	63.65
(575, 576)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(576, 577)	1	SOV	---	---	10	1708.9	-----	18.5	15.9	2.6	14.3	12.3	2.0	55.30
(576, 577)	2	SOV	---	---	9	1112.8	-----	16.5	15.6	0.9	12.7	12.1	0.7	61.92
(576, 577)	3	SOV	---	---	6	701.5	-----	16.1	15.4	0.7	12.5	11.9	0.5	63.41
(576, 577)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(576, 577)	9	SOV	---	---	0	66.0	-----	24.1	19.6	4.5	18.6	15.1	3.5	42.38
(577, 578)	1	SOV	---	---	12	1533.4	-----	14.2	13.6	0.6	10.9	10.5	0.5	61.28
(577, 578)	2	SOV	---	---	7	1253.8	-----	13.6	13.3	0.3	10.5	10.2	0.3	63.91
(577, 578)	3	SOV	---	---	4	785.3	-----	13.6	13.1	0.5	10.5	10.1	0.4	64.14
(577, 578)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(578, 579)	1	SOV	---	---	11	1937.3	-----	12.4	11.3	1.1	9.5	8.7	0.9	58.54
(578, 579)	2	SOV	---	---	5	1052.2	-----	11.4	11.0	0.4	8.8	8.5	0.3	63.49
(578, 579)	3	SOV	---	---	3	577.8	-----	11.1	10.8	0.3	8.6	8.4	0.2	65.20
(578, 579)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(579, 580)	1	SOV	---	---	1	1900.9	-----	5.7	5.3	0.4	4.4	4.1	0.3	59.31
(579, 580)	2	SOV	---	---	1	1058.3	-----	5.4	5.2	0.2	4.1	4.0	0.1	63.71
(579, 580)	3	SOV	---	---	2	601.2	-----	5.2	5.1	0.1	4.0	3.9	0.1	65.61
(579, 580)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(580, 581)	1	SOV	---	---	5	1823.3	-----	11.6	10.9	0.8	9.0	8.4	0.6	58.72
(580, 581)	2	SOV	---	---	3	1098.4	-----	10.6	10.4	0.3	8.2	8.0	0.2	64.05
(580, 581)	3	SOV	---	---	2	640.9	-----	10.4	10.2	0.2	8.0	7.8	0.2	65.74
(580, 581)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(581, 582)	1	SOV	---	---	5	857.1	-----	11.8	11.4	0.4	9.1	8.8	0.3	60.61
(581, 582)	2	SOV	---	---	4	1093.9	-----	11.1	10.9	0.2	8.6	8.4	0.2	64.23
(581, 582)	3	SOV	---	---	2	686.3	-----	10.8	10.6	0.2	8.4	8.2	0.2	65.78
(581, 582)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(582, 583)	1	SOV	---	---	2	832.8	-----	13.9	13.5	0.4	10.7	10.4	0.3	61.06
(582, 583)	2	SOV	---	---	3	1066.1	-----	13.2	13.0	0.3	10.2	10.0	0.2	64.04
(582, 583)	3	SOV	---	---	3	742.0	-----	12.9	12.6	0.3	9.9	9.7	0.2	65.79
(582, 583)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(583, 584)	1	SOV	---	---	9	1092.4	-----	11.6	10.8	0.8	8.9	8.3	0.6	58.93
(583, 584)	2	SOV	---	---	3	1090.8	-----	10.7	10.4	0.3	8.3	8.1	0.2	63.58
(583, 584)	3	SOV	---	---	3	801.2	-----	10.4	10.1	0.3	8.0	7.8	0.2	65.68
(583, 584)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(583, 584)	9	SOV	---	---	0	25.2	-----	14.4	11.7	2.7	11.1	9.0	2.1	47.48
(584, 585)	1	SOV	---	---	10	1948.5	-----	17.7	16.0	1.7	13.7	12.3	1.3	57.75
(584, 585)	2	SOV	---	---	5	1057.7	-----	16.1	15.6	0.6	12.5	12.0	0.4	63.37
(584, 585)	3	SOV	---	---	3	684.2	-----	15.6	15.2	0.4	12.0	11.7	0.3	65.71
(584, 585)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(584, 585)	9	SOV	---	---	0	42.4	-----	18.5	17.6	0.9	14.3	13.6	0.7	55.16
(585, 586)	1	SOV	---	---	7	2458.9	-----	8.9	7.6	1.2	6.8	5.9	1.0	55.16
(585, 586)	2	SOV	---	---	3	831.1	-----	7.8	7.4	0.4	6.0	5.7	0.3	62.90
(585, 586)	3	SOV	---	---	2	435.7	-----	7.4	7.2	0.2	5.7	5.6	0.1	66.01
(585, 586)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(586, 587)	1	SOV	---	---	7	2360.4	-----	7.6	7.0	0.6	5.9	5.4	0.5	58.86
(586, 587)	2	SOV	---	---	1	885.2	-----	6.9	6.8	0.1	5.3	5.2	0.1	64.50
(586, 587)	3	SOV	---	---	0	478.3	-----	6.7	6.6	0.1	5.2	5.1	0.1	66.56
(586, 587)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(587, 588)	1	SOV	---	---	4	2319.2	-----	5.7	5.3	0.4	4.4	4.1	0.3	59.96
(587, 588)	2	SOV	---	---	2	907.7	-----	5.3	5.2	0.1	4.1	4.0	0.1	64.82
(587, 588)	3	SOV	---	---	1	496.1	-----	5.1	5.0	0.1	3.9	3.9	0.1	66.84
(587, 588)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(588, 589)	1	SOV	---	---	9	2268.7	-----	11.9	10.8	1.0	9.2	8.4	0.8	57.36
(588, 589)	2	SOV	---	---	4	928.7	-----	10.5	10.4	0.2	8.1	8.0	0.1	64.63
(588, 589)	3	SOV	---	---	3	528.4	-----	10.2	10.1	0.2	7.9	7.8	0.1	66.73
(588, 589)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(589, 590)	1	SOV	---	---	2	550.5	-----	9.3	9.0	0.3	7.1	6.9	0.2	59.94
(589, 590)	2	SOV	---	---	4	918.2	-----	8.6	8.5	0.1	6.6	6.5	0.1	64.57
(589, 590)	3	SOV	---	---	5	555.9	-----	8.3	8.2	0.1	6.4	6.3	0.1	66.87
(589, 590)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(590, 591)	1	SOV	---	---	1	550.2	-----	6.9	6.8	0.1	5.3	5.2	0.1	60.89
(590, 591)	2	SOV	---	---	2	887.0	-----	6.5	6.4	0.1	5.0	4.9	0.1	64.50
(590, 591)	3	SOV	---	---	1	586.2	-----	6.3	6.2	0.1	4.8	4.8	0.1	66.85
(590, 591)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(591, 592)	1	SOV	---	---	2	541.7	-----	7.7	7.5	0.1	5.9	5.8	0.1	60.81
(591, 592)	2	SOV	---	---	0	862.7	-----	7.2	7.1	0.1	5.6	5.5	0.1	64.29
(591, 592)	3	SOV	---	---	0	617.4	-----	7.0	6.9	0.1	5.4	5.3	0.1	66.87
(591, 592)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(592, 593)	1	SOV	---	---	0	573.7	-----	11.2	11.0	0.2	8.6	8.4	0.2	61.01
(592, 593)	2	SOV	---	---	2	854.7	-----	10.6	10.5	0.2	8.2	8.1	0.1	64.12
(592, 593)	3	SOV	---	---	2	643.0	-----	10.2	10.0	0.2	7.9	7.7	0.1	66.87
(592, 593)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(592, 593)	9	SOV	---	---	1	366.3	-----	11.4	10.8	0.6	8.8	8.3	0.5	59.93
(593, 594)	1	SOV	---	---	0	596.0	-----	5.6	5.5	0.1	4.3	4.2	0.1	61.39
(593, 594)	2	SOV	---	---	2	846.8	-----	5.3	5.2	0.1	4.1	4.0	0.1	64.04
(593, 594)	3	SOV	---	---	1	663.9	-----	5.1	5.0	0.1	3.9	3.9	0.1	66.75
(593, 594)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(593, 594)	9	SOV	---	---	0	746.9	-----	5.7	5.3	0.4	4.4	4.1	0.3	59.55
(593, 594)	10	SOV	---	---	0	46.1	-----	6.6	5.9	0.7	5.1	4.6	0.5	51.65
(594, 595)	1	SOV	---	---	4	643.7	-----	11.0	10.8	0.2	8.5	8.4	0.1	61.85
(594, 595)	2	SOV	---	---	3	818.7	-----	10.7	10.5	0.2	8.2	8.1	0.1	64.01
(594, 595)	3	SOV	---	---	4	684.8	-----	10.2	10.1	0.2	7.9	7.8	0.1	66.62
(594, 595)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(594, 595)	9	SOV	---	---	1	752.5	-----	11.0	10.6	0.3	8.5	8.2	0.3	62.11
(595, 596)	1	SOV	---	---	0	666.7	-----	5.0	4.9	0.1	3.8	3.8	0.0	62.30
(595, 596)	2	SOV	---	---	1	794.3	-----	4.8	4.8	0.1	3.7	3.7	0.0	64.07
(595, 596)	3	SOV	---	---	2	696.8	-----	4.6	4.6	0.1	3.6	3.5	0.1	66.59
(595, 596)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(595, 596)	9	SOV	---	---	2	738.5	-----	4.9	4.8	0.1	3.8	3.7	0.1	62.64
(596, 597)	1	SOV	---	---	2	867.8	-----	8.2	8.0	0.2	6.3	6.2	0.1	62.52

(596, 597)	2	SOV	---	---	2	884.6	-----	8.0	7.8	0.2	6.2	6.1	0.1	63.80
(596, 597)	3	SOV	---	---	2	576.4	-----	7.7	7.6	0.1	5.9	5.8	0.1	66.59
(596, 597)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(596, 597)	9	SOV	---	---	1	565.4	-----	8.2	8.0	0.2	6.3	6.2	0.1	62.66
(597, 598)	1	SOV	---	---	2	1221.3	-----	8.2	7.9	0.3	6.3	6.1	0.2	62.70
(597, 598)	2	SOV	---	---	6	1118.7	-----	8.3	8.0	0.3	6.4	6.2	0.2	61.61
(597, 598)	3	SOV	---	---	1	328.5	-----	7.9	7.6	0.3	6.1	5.9	0.2	65.04
(597, 598)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(597, 598)	9	SOV	---	---	1	221.2	-----	8.1	7.5	0.6	6.3	5.8	0.4	63.16
(598, 599)	1	SOV	---	---	7	960.1	-----	16.5	16.1	0.3	12.7	12.4	0.3	62.10
(598, 599)	2	SOV	---	---	3	478.1	-----	15.4	15.1	0.3	11.9	11.7	0.2	66.39
(598, 599)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(598, 599)	9	SOV	---	---	12	1077.0	-----	17.0	16.5	0.5	13.1	12.7	0.4	60.25
(598, 599)	10	SOV	---	---	4	364.5	-----	16.1	15.8	0.3	12.4	12.2	0.2	63.50
(600, 601)	1	SOV	---	---	3	793.3	-----	10.1	9.9	0.2	7.8	7.6	0.2	61.36
(600, 601)	2	SOV	---	---	1	640.7	-----	9.3	9.2	0.1	7.2	7.1	0.1	66.59
(600, 601)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(601, 602)	1	SOV	---	---	1	764.3	-----	5.6	5.4	0.1	4.3	4.2	0.1	61.36
(601, 602)	2	SOV	---	---	1	669.2	-----	5.1	5.1	0.1	4.0	3.9	0.1	66.48
(601, 602)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(602, 603)	1	SOV	---	---	1	739.0	-----	11.1	10.9	0.2	8.6	8.4	0.2	61.29
(602, 603)	2	SOV	---	---	0	693.9	-----	10.3	10.1	0.2	8.0	7.8	0.1	66.20
(602, 603)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(599, 600)	1	SOV	---	---	5	863.7	-----	15.2	14.9	0.4	11.7	11.5	0.3	61.55
(599, 600)	2	SOV	---	---	2	574.1	-----	14.1	13.9	0.2	10.9	10.7	0.1	66.71
(599, 600)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(77,7053)	1	SOV	---	---	0	1215.4	-----	2.3	2.0	0.3	1.8	1.6	0.2	55.00
(77,7053)	2	SOV	---	---	1	1024.2	-----	2.0	1.9	0.1	1.6	1.5	0.1	62.57
(77,7053)	3	HOV	11	11	0	11.0	11.0	1.9	1.9	0.0	1.5	1.5	0.0	67.41
(7054, 568)	1	SOV	---	---	1	1446.4	-----	3.7	2.3	1.4	2.9	1.8	1.1	42.50
(7054, 568)	2	SOV	---	---	0	793.6	-----	3.7	2.3	1.4	2.9	1.8	1.1	42.63
(7054, 568)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(441, 397)	1	SOV	---	---	2	664.5	-----	5.3	3.8	1.4	4.1	3.0	1.1	38.67
(626, 627)	1	SOV	---	---	1	970.7	-----	5.5	5.4	0.1	4.2	4.2	0.1	51.86
(626, 627)	2	SOV	---	---	2	777.8	-----	5.0	4.9	0.1	3.9	3.8	0.0	57.12
(626, 627)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00

(627, 27)	1	SOV	---	---	2	951.4	-----	4.3	4.1	0.2	3.3	3.1	0.2	51.20
(627, 27)	2	SOV	---	---	0	798.2	-----	3.8	3.7	0.1	3.0	2.9	0.1	56.83
(627, 27)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(629, 28)	1	SOV	---	---	1	1275.6	-----	4.9	4.3	0.6	3.8	3.3	0.5	46.92
(628, 629)	1	SOV	---	---	4	1277.0	-----	6.0	5.3	0.7	4.6	4.1	0.5	39.64
(631, 30)	1	SOV	---	---	4	1365.6	-----	6.7	6.2	0.5	5.2	4.8	0.4	50.39
(630, 631)	1	SOV	---	---	3	1366.3	-----	6.1	5.8	0.3	4.7	4.5	0.2	47.96
(34, 632)	1	SOV	---	---	0	905.7	-----	3.1	3.0	0.1	2.4	2.3	0.0	52.86
(34, 632)	2	SOV	---	---	0	265.3	-----	2.8	2.8	0.0	2.2	2.2	0.0	57.36
(632, 633)	1	SOV	---	---	0	863.1	-----	3.7	3.6	0.1	2.8	2.8	0.0	52.96
(632, 633)	2	SOV	---	---	0	307.9	-----	3.4	3.3	0.0	2.6	2.6	0.0	57.26
(635, 54)	1	SOV	---	---	5	956.0	-----	8.7	7.9	0.8	6.7	6.1	0.6	49.52
(634, 635)	1	SOV	---	---	4	957.1	-----	7.8	7.1	0.7	6.0	5.5	0.5	40.86
(637, 56)	1	SOV	---	---	2	1002.0	-----	8.3	8.0	0.2	6.4	6.2	0.2	53.29
(636, 637)	1	SOV	---	---	0	1002.0	-----	5.7	5.6	0.2	4.4	4.3	0.1	53.34
(61, 638)	1	SOV	---	---	1	508.2	-----	5.7	5.6	0.1	4.4	4.3	0.1	53.94
(638, 639)	1	SOV	---	---	0	104.5	-----	4.4	4.2	0.2	3.4	3.2	0.1	52.76
(638, 639)	2	SOV	---	---	3	402.8	-----	4.4	4.2	0.2	3.4	3.2	0.2	52.63
(62, 640)	1	SOV	---	---	0	913.1	-----	5.2	5.0	0.1	4.0	3.9	0.1	53.20
(640, 641)	1	SOV	---	---	0	261.4	-----	2.9	2.8	0.0	2.2	2.2	0.0	52.55
(640, 641)	2	SOV	---	---	0	653.6	-----	3.0	2.9	0.1	2.3	2.2	0.0	50.52
(643, 64)	1	SOV	---	---	2	985.6	-----	7.6	7.3	0.3	5.8	5.6	0.2	52.50
(642, 643)	1	SOV	---	---	1	656.3	-----	6.5	5.9	0.5	5.0	4.6	0.4	50.30
(642, 643)	2	SOV	---	---	0	329.6	-----	6.7	6.1	0.6	5.2	4.7	0.5	48.71
(69, 644)	1	SOV	---	---	0	1349.2	-----	4.7	4.4	0.3	3.6	3.4	0.2	50.73
(69, 644)	2	SOV	---	---	0	448.5	-----	4.7	4.3	0.4	3.6	3.3	0.3	51.16
(644, 645)	1	SOV	---	---	0	24.5	-----	3.4	3.3	0.1	2.7	2.6	0.1	49.10
(644, 645)	2	SOV	---	---	0	552.8	-----	3.3	3.2	0.1	2.6	2.5	0.1	51.07
(644, 645)	3	SOV	---	---	0	1222.8	-----	3.4	3.3	0.1	2.6	2.6	0.1	49.23

(647, 71)	1	SOV	---	---	0	323.0	-----	9.5	8.8	0.7	7.4	6.8	0.5	50.34
(646, 647)	1	SOV	---	---	3	323.7	-----	8.3	7.6	0.7	6.4	5.9	0.5	41.29
(74, 648)	1	SOV	---	---	1	877.6	-----	5.9	5.7	0.2	4.6	4.4	0.1	53.63
(74, 648)	2	SOV	---	---	1	937.7	-----	6.0	5.8	0.2	4.6	4.5	0.2	52.69
(648, 649)	1	SOV	---	---	3	883.2	-----	5.0	4.9	0.1	3.9	3.7	0.1	53.82
(648, 649)	2	SOV	---	---	5	928.3	-----	5.1	4.9	0.1	3.9	3.8	0.1	53.05
(651, 75)	1	SOV	---	---	0	531.0	-----	5.5	4.9	0.6	4.3	3.8	0.5	48.17
(650, 651)	1	SOV	---	---	0	531.0	-----	5.3	4.7	0.6	4.1	3.6	0.5	39.69
(653, 76)	1	SOV	---	---	0	334.0	-----	3.2	3.1	0.1	2.4	2.4	0.1	53.02
(652, 653)	1	SOV	---	---	0	334.0	-----	3.6	3.5	0.1	2.8	2.7	0.1	53.02
(569, 654)	1	SOV	---	---	0	562.4	-----	3.7	3.3	0.4	2.9	2.6	0.3	47.81
(569, 654)	2	SOV	---	---	0	331.6	-----	3.6	3.1	0.5	2.8	2.4	0.4	49.28
(656, 570)	1	SOV	---	---	1	860.9	-----	6.5	5.8	0.7	5.0	4.5	0.5	48.35
(655, 656)	1	SOV	---	---	4	863.3	-----	7.5	6.8	0.7	5.8	5.3	0.5	40.75
(658, 571)	1	SOV	---	---	0	151.9	-----	6.6	6.6	0.1	5.1	5.1	0.0	54.47
(657, 658)	1	SOV	---	---	0	151.0	-----	5.6	5.5	0.1	4.3	4.3	0.1	54.14
(574, 660)	1	SOV	---	---	0	168.0	-----	2.9	2.8	0.1	2.2	2.1	0.1	53.09
(660, 661)	1	SOV	---	---	0	168.0	-----	2.8	2.7	0.1	2.2	2.1	0.1	50.58
(663, 576)	1	SOV	---	---	0	1374.4	-----	7.2	6.2	1.0	5.5	4.8	0.8	47.44
(663, 576)	2	SOV	---	---	0	207.4	-----	8.1	6.9	1.3	6.3	5.3	1.0	41.96
(662, 663)	1	SOV	---	---	0	116.1	-----	7.3	4.5	2.7	5.6	3.5	2.1	31.31
(662, 663)	2	SOV	---	---	0	1465.0	-----	5.1	4.5	0.6	3.9	3.5	0.5	44.82
(581, 664)	1	SOV	---	---	0	931.5	-----	7.5	7.2	0.3	5.8	5.5	0.3	52.60
(664, 665)	1	SOV	---	---	1	932.8	-----	2.9	2.8	0.1	2.2	2.1	0.1	52.71
(667, 583)	1	SOV	---	---	1	368.9	-----	12.5	10.9	1.6	9.6	8.4	1.2	47.14
(666, 667)	1	SOV	---	---	0	369.0	-----	4.2	4.0	0.3	3.2	3.1	0.2	34.45

(669, 584)	1	SOV	---	---	1	652.4	-----	7.5	7.3	0.3	5.8	5.6	0.2	52.85
(669, 584)	2	SOV	---	---	0	72.9	-----	7.8	7.5	0.3	6.0	5.8	0.2	51.37
(668, 669)	1	SOV	---	---	0	22.5	-----	6.7	4.2	2.5	5.2	3.3	1.9	32.31
(668, 669)	2	SOV	---	---	0	703.5	-----	4.2	3.9	0.2	3.2	3.0	0.2	52.12
(589, 670)	1	SOV	---	---	4	1690.7	-----	3.1	2.8	0.3	2.4	2.2	0.2	50.41
(670, 671)	1	SOV	---	---	0	1689.0	-----	2.9	2.7	0.2	2.3	2.1	0.2	50.60
(673, 592)	1	SOV	---	---	0	413.0	-----	4.5	4.0	0.4	3.5	3.1	0.3	47.91
(672, 673)	1	SOV	---	---	0	413.0	-----	5.0	4.5	0.5	3.9	3.5	0.4	39.78
(675, 593)	1	SOV	---	---	0	455.0	-----	4.2	4.1	0.1	3.2	3.2	0.1	53.85
(674, 675)	1	SOV	---	---	0	455.0	-----	4.0	3.9	0.1	3.1	3.0	0.1	53.45
(678, 679)	1	SOV	---	---	0	473.4	-----	5.3	5.2	0.1	4.1	4.0	0.1	53.11
(678, 679)	2	SOV	---	---	1	959.6	-----	5.7	5.5	0.1	4.4	4.3	0.1	49.16
(684, 685)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(688,7008)	1	SOV	---	---	0	696.0	-----	6.3	6.1	0.1	4.8	4.7	0.1	35.97
(688,7008)	2	SOV	---	---	0	733.0	-----	5.7	5.6	0.1	4.4	4.3	0.1	39.31
(688,7008)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(7056, 626)	1	SOV	---	---	2	1028.7	-----	5.6	5.4	0.2	4.3	4.2	0.1	51.20
(7056, 626)	2	SOV	---	---	0	799.4	-----	5.0	5.0	0.1	3.9	3.8	0.1	57.23
(7056, 626)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(679,7058)	1	SOV	---	---	1	497.0	-----	3.0	3.0	0.1	2.3	2.3	0.0	51.24
(679,7058)	2	SOV	---	---	0	936.4	-----	3.3	3.2	0.1	2.5	2.4	0.1	46.97
(7059, 684)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(7060, 628)	1	SOV	---	---	0	1391.4	-----	4.3	4.0	0.3	3.3	3.1	0.2	33.83
(7061, 630)	1	SOV	---	---	1	1444.4	-----	4.9	4.5	0.5	3.8	3.4	0.4	45.60
(7062, 674)	1	SOV	---	---	0	483.0	-----	4.1	3.8	0.4	3.2	2.9	0.3	50.15
(7063, 672)	1	SOV	---	---	0	448.9	-----	4.2	4.1	0.2	3.3	3.1	0.1	34.35
(671,7064)	1	SOV	---	---	0	1689.6	-----	2.5	2.3	0.2	1.9	1.8	0.1	50.44

(633,7065)	1	SOV	---	---	1	848.2	-----	4.3	4.2	0.1	3.3	3.2	0.1	52.86
(633,7065)	2	SOV	---	---	0	322.0	-----	3.9	3.9	0.0	3.0	3.0	0.0	57.70
(7066, 634)	1	SOV	---	---	1	1045.3	-----	4.1	3.9	0.2	3.2	3.0	0.2	34.19
(7067, 636)	1	SOV	---	---	0	1051.9	-----	5.2	4.7	0.5	4.0	3.6	0.4	49.97
(665,7068)	1	SOV	---	---	0	933.2	-----	2.7	2.6	0.2	2.1	2.0	0.1	51.51
(7069, 666)	1	SOV	---	---	0	408.2	-----	3.3	3.3	0.0	2.6	2.5	0.0	36.20
(7070, 668)	1	SOV	---	---	0	159.1	-----	4.5	3.9	0.6	3.5	3.0	0.5	47.45
(7070, 668)	2	SOV	---	---	0	610.4	-----	4.1	3.9	0.2	3.1	3.0	0.2	52.37
(639,7071)	1	SOV	---	---	0	27.0	-----	2.5	2.0	0.4	1.9	1.6	0.3	45.23
(639,7071)	2	SOV	---	---	2	478.4	-----	2.3	2.1	0.2	1.7	1.6	0.1	50.00
(7072, 642)	1	SOV	---	---	0	243.4	-----	2.4	1.9	0.5	1.8	1.4	0.4	44.93
(7072, 642)	2	SOV	---	---	0	860.5	-----	2.2	1.9	0.3	1.7	1.5	0.3	47.54
(641,7073)	1	SOV	---	---	0	37.0	-----	2.4	2.4	0.0	1.8	1.8	0.0	49.90
(641,7073)	2	SOV	---	---	0	878.9	-----	2.6	2.6	0.1	2.0	2.0	0.0	45.56
(661,7074)	1	SOV	---	---	0	168.0	-----	2.8	2.6	0.2	2.2	2.0	0.1	46.27
(7075, 662)	1	SOV	---	---	0	411.3	-----	4.5	3.8	0.7	3.4	2.9	0.5	43.91
(7075, 662)	2	SOV	---	---	2	1272.2	-----	4.2	3.9	0.3	3.2	3.0	0.2	47.06
(645,7076)	1	SOV	---	---	0	2.0	-----	3.1	3.0	0.1	2.4	2.3	0.1	51.17
(645,7076)	2	SOV	---	---	0	222.0	-----	3.1	3.0	0.1	2.4	2.3	0.1	51.85
(645,7076)	3	SOV	---	---	1	1577.1	-----	3.4	3.3	0.1	2.6	2.5	0.1	47.11
(7077, 646)	1	SOV	---	---	1	362.0	-----	3.2	3.0	0.2	2.5	2.3	0.2	34.20
(7078, 657)	1	SOV	---	---	0	159.5	-----	4.5	4.3	0.2	3.5	3.3	0.2	52.32
(7080, 650)	1	SOV	---	---	0	563.8	-----	6.1	5.8	0.2	4.7	4.5	0.2	34.37
(7081, 655)	1	SOV	---	---	0	941.8	-----	4.2	4.0	0.2	3.2	3.1	0.2	34.17
(649,7082)	1	SOV	---	---	1	883.3	-----	3.9	3.7	0.2	3.0	2.8	0.2	51.83
(649,7082)	2	SOV	---	---	0	924.0	-----	3.9	3.7	0.2	3.0	2.9	0.2	51.21
(7083, 652)	1	SOV	---	---	0	361.0	-----	3.3	2.9	0.3	2.5	2.3	0.3	49.42
(7084, 857)	1	SOV	---	---	0	339.3	-----	2.6	2.3	0.3	2.0	1.8	0.2	49.42

(857, 858)	1	SOV	---	---	0	309.0	-----	4.0	3.9	0.1	3.1	3.0	0.1	53.34
(859,7085)	1	SOV	---	---	17	514.4	-----	50.2	6.2	44.0	39.1	4.8	34.2	6.57
(7086, 860)	1	SOV	---	---	0	57.2	-----	5.8	5.7	0.1	4.5	4.4	0.1	54.68
(860, 861)	1	SOV	---	---	0	55.0	-----	5.6	5.6	0.0	4.3	4.3	0.0	55.20
(866,7087)	1	SOV	---	---	0	59.0	-----	3.8	3.7	0.1	2.9	2.9	0.0	55.03
(873,7088)	1	SOV	---	---	0	86.3	-----	6.9	6.9	0.0	5.3	5.3	0.0	54.74
(7089, 874)	1	SOV	---	---	0	126.7	-----	3.8	3.6	0.2	2.9	2.8	0.1	52.42
(874, 875)	1	SOV	---	---	0	119.0	-----	3.7	3.6	0.0	2.8	2.8	0.0	54.16
(876,7090)	1	SOV	---	---	0	250.0	-----	6.0	5.9	0.1	4.6	4.6	0.1	53.83
(7091, 877)	1	SOV	---	---	0	83.1	-----	5.1	3.6	1.5	3.9	2.8	1.2	39.41
(877, 878)	1	SOV	---	---	1	77.3	-----	4.6	4.3	0.2	3.5	3.4	0.2	51.69
(879, 880)	1	SOV	---	---	4	1045.5	-----	13.8	13.7	0.2	10.7	10.6	0.1	64.44
(879, 880)	2	SOV	---	---	5	980.2	-----	13.9	13.7	0.2	10.7	10.6	0.1	64.26
(880, 881)	1	SOV	---	---	5	1031.6	-----	19.8	19.4	0.4	15.3	15.0	0.3	64.05
(880, 881)	2	SOV	---	---	8	966.8	-----	19.9	19.5	0.4	15.4	15.1	0.3	63.81
(881, 882)	1	SOV	---	---	4	1032.4	-----	16.3	15.9	0.4	12.6	12.3	0.3	63.46
(881, 882)	2	SOV	---	---	5	966.3	-----	16.4	15.9	0.4	12.7	12.3	0.3	63.38
(882, 883)	1	SOV	---	---	4	1029.9	-----	16.3	15.8	0.5	12.6	12.2	0.4	62.85
(882, 883)	2	SOV	---	---	6	971.4	-----	16.2	15.7	0.5	12.5	12.1	0.4	63.24
(883, 884)	1	SOV	---	---	3	945.2	-----	13.0	12.6	0.4	10.0	9.7	0.3	63.05
(883, 884)	2	SOV	---	---	2	969.8	-----	13.0	12.6	0.4	10.0	9.7	0.3	63.19
(883, 873)	1	SOV	---	---	0	86.0	-----	7.5	7.5	0.0	5.8	5.8	0.0	54.91
(884, 885)	1	SOV	---	---	2	960.8	-----	12.0	11.6	0.4	9.3	9.0	0.3	63.14
(884, 885)	2	SOV	---	---	4	953.2	-----	12.0	11.6	0.4	9.3	9.0	0.3	62.94
(885, 886)	1	SOV	---	---	3	962.7	-----	14.8	14.3	0.5	11.5	11.1	0.4	63.04
(885, 886)	2	SOV	---	---	5	950.6	-----	14.9	14.3	0.5	11.5	11.1	0.4	62.89
(886, 887)	1	SOV	---	---	6	1060.6	-----	16.4	15.7	0.7	12.7	12.2	0.5	62.37
(886, 887)	2	SOV	---	---	4	966.5	-----	16.3	15.7	0.6	12.6	12.1	0.5	62.79

(886, 887)	9	SOV	---	---	0	5.9	-----	20.3	17.1	3.2	15.6	13.1	2.5	50.46
(887, 888)	1	SOV	---	---	7	1053.8	-----	16.8	16.2	0.6	13.0	12.5	0.5	62.69
(887, 888)	2	SOV	---	---	7	977.1	-----	16.8	16.1	0.6	13.0	12.5	0.5	62.79
(875, 886)	1	SOV	---	---	0	119.0	-----	5.3	5.3	0.0	4.1	4.1	0.0	54.46
(888, 889)	1	SOV	---	---	3	1047.9	-----	18.2	17.6	0.7	14.1	13.6	0.5	62.65
(888, 889)	2	SOV	---	---	4	983.9	-----	18.2	17.5	0.7	14.1	13.6	0.5	62.80
(889, 890)	1	SOV	---	---	2	1045.3	-----	12.1	11.6	0.5	9.3	9.0	0.4	62.53
(889, 890)	2	SOV	---	---	1	989.0	-----	12.0	11.6	0.5	9.3	8.9	0.3	62.80
(890, 891)	1	SOV	---	---	6	1032.9	-----	19.0	18.3	0.7	14.7	14.1	0.5	62.62
(890, 891)	2	SOV	---	---	6	998.1	-----	18.9	18.2	0.7	14.6	14.1	0.6	62.73
(891, 892)	1	SOV	---	---	3	1032.2	-----	14.2	13.7	0.5	11.0	10.6	0.4	62.67
(891, 892)	2	SOV	---	---	4	995.2	-----	14.3	13.7	0.6	11.0	10.6	0.4	62.58
(892, 893)	1	SOV	---	---	11	1024.6	-----	33.4	32.1	1.3	25.8	24.8	1.0	62.61
(892, 893)	2	SOV	---	---	9	1005.2	-----	33.5	32.1	1.4	25.9	24.8	1.1	62.39
(893, 894)	1	SOV	---	---	12	1030.0	-----	39.5	37.9	1.6	30.5	29.3	1.2	62.41
(893, 894)	2	SOV	---	---	10	1007.6	-----	39.4	37.8	1.6	30.5	29.2	1.2	62.62
(894, 895)	1	SOV	---	---	3	1019.6	-----	24.2	23.3	1.0	18.7	18.0	0.8	62.28
(894, 895)	2	SOV	---	---	4	1016.4	-----	24.1	23.1	1.0	18.7	17.9	0.8	62.56
(895, 896)	1	SOV	---	---	20	1015.4	-----	37.8	36.3	1.6	29.3	28.0	1.2	62.20
(895, 896)	2	SOV	---	---	12	1025.9	-----	37.8	36.0	1.8	29.2	27.9	1.4	62.31
(896, 897)	1	SOV	---	---	9	1014.3	-----	40.5	38.8	1.7	31.3	30.0	1.3	62.22
(896, 897)	2	SOV	---	---	7	1019.9	-----	40.5	38.6	1.9	31.3	29.9	1.5	62.28
(897, 898)	1	SOV	---	---	5	1024.0	-----	22.3	21.4	0.9	17.3	16.6	0.7	62.31
(897, 898)	2	SOV	---	---	10	1012.6	-----	22.3	21.3	1.0	17.3	16.5	0.8	62.27
(898, 899)	1	SOV	---	---	3	1030.9	-----	16.5	15.8	0.7	12.7	12.2	0.6	62.07
(898, 899)	2	SOV	---	---	1	1000.5	-----	16.4	15.7	0.8	12.7	12.1	0.6	62.22
(899, 900)	1	SOV	---	---	5	965.4	-----	18.1	17.3	0.8	14.0	13.4	0.6	62.20
(899, 900)	2	SOV	---	---	6	1010.8	-----	18.0	17.2	0.8	14.0	13.3	0.6	62.32
(899, 866)	1	SOV	---	---	0	59.0	-----	7.6	7.6	0.1	5.9	5.8	0.0	55.66
(900, 901)	1	SOV	---	---	5	981.4	-----	21.2	20.3	0.9	16.4	15.7	0.7	62.20
(900, 901)	2	SOV	---	---	2	994.3	-----	21.2	20.2	0.9	16.4	15.7	0.7	62.28

(901, 902)	1	SOV	---	---	8	1199.0	-----	17.0	15.7	1.2	13.1	12.2	0.9	60.25
(901, 902)	2	SOV	---	---	7	1066.4	-----	16.5	15.7	0.8	12.8	12.1	0.6	62.04
(901, 902)	9	SOV	---	---	0	16.4	-----	23.4	17.9	5.4	18.0	13.8	4.2	43.77
(902, 903)	1	SOV	---	---	10	1160.7	-----	16.6	15.9	0.8	12.9	12.3	0.6	61.90
(902, 903)	2	SOV	---	---	9	1109.7	-----	16.5	15.8	0.7	12.8	12.2	0.6	62.36
(858, 901)	1	SOV	---	---	0	309.0	-----	10.2	9.9	0.3	7.9	7.6	0.2	53.31
(903, 904)	1	SOV	---	---	5	1141.4	-----	19.1	18.2	0.9	14.8	14.0	0.7	61.69
(903, 904)	2	SOV	---	---	5	1118.1	-----	18.9	18.1	0.8	14.6	14.0	0.7	62.38
(904, 905)	1	SOV	---	---	4	1125.1	-----	14.8	14.1	0.7	11.4	10.9	0.5	61.84
(904, 905)	2	SOV	---	---	5	1128.4	-----	14.7	14.0	0.6	11.3	10.8	0.5	62.31
(906, 907)	1	SOV	---	---	3	1255.8	-----	14.4	14.2	0.3	11.2	11.0	0.2	63.83
(906, 907)	2	SOV	---	---	6	1277.6	-----	14.5	14.2	0.3	11.2	11.0	0.2	63.59
(907, 908)	1	SOV	---	---	9	1298.8	-----	22.0	21.4	0.6	17.1	16.6	0.5	63.13
(907, 908)	2	SOV	---	---	6	1199.3	-----	22.0	21.4	0.6	17.0	16.6	0.5	63.23
(908, 909)	1	SOV	---	---	8	1423.1	-----	16.8	16.0	0.8	13.0	12.4	0.6	60.99
(908, 909)	2	SOV	---	---	5	1075.5	-----	16.2	15.7	0.5	12.6	12.2	0.4	62.97
(909, 910)	1	SOV	---	---	5	889.0	-----	14.5	14.0	0.5	11.2	10.8	0.4	62.31
(909, 910)	2	SOV	---	---	7	1068.5	-----	14.4	13.9	0.5	11.1	10.7	0.4	62.80
(909, 859)	1	SOV	---	---	18	534.3	-----	22.6	9.3	13.3	17.6	7.2	10.4	22.97
(910, 911)	1	SOV	---	---	2	933.2	-----	17.2	16.7	0.5	13.3	12.9	0.4	62.99
(910, 911)	2	SOV	---	---	7	1019.9	-----	17.4	16.8	0.6	13.4	13.0	0.5	62.51
(911, 912)	1	SOV	---	---	5	969.4	-----	15.8	15.3	0.5	12.3	11.9	0.4	62.94
(911, 912)	2	SOV	---	---	6	984.1	-----	16.0	15.4	0.6	12.4	11.9	0.5	62.28
(861, 912)	1	SOV	---	---	0	55.0	-----	6.3	6.2	0.0	4.8	4.8	0.0	55.12
(912, 913)	1	SOV	---	---	4	1031.3	-----	16.3	15.7	0.6	12.6	12.2	0.5	62.68
(912, 913)	2	SOV	---	---	5	976.1	-----	16.4	15.8	0.6	12.7	12.2	0.5	62.30
(912, 913)	9	SOV	---	---	0	2.0	-----	19.3	17.2	2.1	14.9	13.3	1.6	52.89
(913, 914)	1	SOV	---	---	7	1020.8	-----	17.1	16.5	0.6	13.3	12.8	0.5	62.62
(913, 914)	2	SOV	---	---	4	986.0	-----	17.2	16.6	0.7	13.3	12.8	0.5	62.19
(914, 915)	1	SOV	---	---	6	993.1	-----	33.9	32.5	1.4	26.2	25.2	1.1	62.31
(914, 915)	2	SOV	---	---	10	1016.9	-----	33.9	32.6	1.4	26.2	25.2	1.1	62.23

(915, 916)	1	SOV	---	---	8	996.3	-----	34.3	32.8	1.5	26.6	25.4	1.1	62.11
(915, 916)	2	SOV	---	---	9	1018.0	-----	34.3	32.8	1.5	26.5	25.4	1.2	62.00
(916, 917)	1	SOV	---	---	7	999.8	-----	31.2	29.8	1.4	24.2	23.1	1.1	62.01
(916, 917)	2	SOV	---	---	8	1016.9	-----	31.2	29.8	1.3	24.1	23.1	1.0	62.05
(917, 918)	1	SOV	---	---	9	997.6	-----	24.3	23.3	1.0	18.8	18.1	0.8	62.23
(917, 918)	2	SOV	---	---	11	1012.9	-----	24.4	23.3	1.1	18.9	18.1	0.8	61.95
(918, 919)	1	SOV	---	---	9	1006.5	-----	31.4	30.0	1.4	24.3	23.2	1.0	62.17
(918, 919)	2	SOV	---	---	6	998.7	-----	31.5	30.1	1.4	24.3	23.3	1.1	61.94
(919, 920)	1	SOV	---	---	7	1014.5	-----	32.5	31.1	1.4	25.2	24.1	1.1	62.14
(919, 920)	2	SOV	---	---	6	998.3	-----	32.7	31.2	1.5	25.3	24.1	1.2	61.87
(920, 921)	1	SOV	---	---	4	1001.9	-----	20.0	19.1	0.9	15.5	14.7	0.7	61.90
(920, 921)	2	SOV	---	---	1	1019.9	-----	20.0	19.0	0.9	15.4	14.7	0.7	61.93
(921, 922)	1	SOV	---	---	3	1007.0	-----	19.0	18.1	0.9	14.7	14.0	0.7	61.90
(921, 922)	2	SOV	---	---	8	1020.7	-----	19.0	18.1	0.9	14.7	14.0	0.7	61.90
(922, 923)	1	SOV	---	---	4	1007.6	-----	19.2	18.3	0.9	14.8	14.1	0.7	61.79
(922, 923)	2	SOV	---	---	6	1021.4	-----	19.2	18.3	0.9	14.8	14.1	0.7	61.86
(923, 924)	1	SOV	---	---	6	1029.4	-----	21.6	20.5	1.1	16.7	15.9	0.8	61.68
(923, 924)	2	SOV	---	---	4	998.7	-----	21.5	20.5	1.0	16.6	15.9	0.7	61.96
(924, 925)	1	SOV	---	---	6	1078.0	-----	20.7	19.6	1.1	16.0	15.1	0.9	60.74
(924, 925)	2	SOV	---	---	12	944.0	-----	20.2	19.3	0.9	15.7	15.0	0.7	62.18
(925, 926)	1	SOV	---	---	3	838.7	-----	23.4	22.4	1.0	18.1	17.4	0.7	62.19
(925, 926)	2	SOV	---	---	5	940.8	-----	23.4	22.5	1.0	18.1	17.4	0.7	62.20
(925, 876)	1	SOV	---	---	0	249.0	-----	10.1	10.0	0.1	7.8	7.8	0.1	54.30
(926, 927)	1	SOV	---	---	6	864.5	-----	17.2	16.5	0.7	13.3	12.7	0.5	62.29
(926, 927)	2	SOV	---	---	3	907.8	-----	17.3	16.5	0.7	13.4	12.8	0.6	61.99
(878, 927)	1	SOV	---	---	0	77.0	-----	3.7	3.7	0.0	2.9	2.8	0.0	54.37
(927, 928)	1	SOV	---	---	3	944.4	-----	16.5	15.7	0.8	12.8	12.2	0.6	61.82
(927, 928)	2	SOV	---	---	6	897.9	-----	16.5	15.8	0.8	12.8	12.2	0.6	61.81
(927, 928)	9	SOV	---	---	0	3.2	-----	20.5	17.6	2.9	15.9	13.7	2.2	49.89
(928, 929)	1	SOV	---	---	8	939.1	-----	15.3	14.6	0.6	11.8	11.3	0.5	62.22
(928, 929)	2	SOV	---	---	4	900.2	-----	15.4	14.7	0.7	11.9	11.4	0.5	61.95

(929, 930)	1	SOV	---	---	6	945.9	-----	18.9	18.1	0.8	14.6	14.0	0.6	62.35
(929, 930)	2	SOV	---	---	5	887.1	-----	18.9	18.2	0.8	14.7	14.0	0.6	62.04
(930, 931)	1	SOV	---	---	3	928.8	-----	12.6	12.1	0.5	9.7	9.3	0.4	62.42
(930, 931)	2	SOV	---	---	5	894.5	-----	12.6	12.1	0.5	9.8	9.4	0.4	62.23
(654,7079)	1	SOV	---	---	0	52.0	-----	4.2	3.2	1.0	3.2	2.5	0.7	42.68
(654,7079)	2	SOV	---	---	0	842.3	-----	3.7	3.3	0.4	2.9	2.5	0.3	47.62
(407, 369)	1	SOV	---	---	11	1646.5	-----	18.3	17.3	1.1	14.2	13.3	0.8	51.37
(407, 369)	2	SOV	---	---	6	1346.0	-----	18.1	17.1	0.9	13.9	13.2	0.7	52.15
(162, 165)	1	SOV	---	---	2	1089.1	-----	9.6	9.4	0.2	7.4	7.3	0.2	63.99
(162, 165)	2	SOV	---	---	4	1542.1	-----	9.7	9.4	0.3	7.5	7.3	0.2	63.25
(162, 165)	3	SOV	---	---	4	1545.6	-----	9.7	9.4	0.3	7.5	7.3	0.2	63.33
(162, 165)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(165, 166)	1	SOV	---	---	2	1130.7	-----	7.9	7.8	0.1	6.1	6.0	0.1	64.38
(165, 166)	2	SOV	---	---	4	1464.0	-----	8.0	7.9	0.2	6.2	6.1	0.1	63.64
(165, 166)	3	SOV	---	---	2	1498.4	-----	8.0	7.9	0.2	6.2	6.1	0.1	63.57
(165, 166)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(386, 167)	1	SOV	---	---	5	1840.8	-----	9.0	8.0	1.0	7.0	6.2	0.8	56.66
(386, 167)	2	SOV	---	---	4	1693.1	-----	8.3	7.9	0.4	6.4	6.1	0.3	61.64
(386, 167)	3	SOV	---	---	5	1521.1	-----	8.1	7.7	0.4	6.3	6.0	0.3	63.01
(386, 167)	4	HOV	4	4	0	4.0	4.0	7.7	7.7	0.0	6.0	6.0	0.0	66.58
(386, 167)	9	SOV	---	---	0	49.7	-----	10.8	9.0	1.8	8.3	6.9	1.4	47.31
(167, 168)	1	SOV	---	---	7	1791.0	-----	8.7	8.1	0.7	6.7	6.2	0.5	58.63
(167, 168)	2	SOV	---	---	4	1748.2	-----	8.3	7.9	0.4	6.4	6.1	0.3	61.64
(167, 168)	3	SOV	---	---	3	1563.4	-----	8.1	7.7	0.4	6.3	6.0	0.3	63.01
(167, 168)	4	HOV	4	4	0	4.0	4.0	7.7	7.7	0.0	6.0	6.0	0.0	66.57
(168, 169)	1	SOV	---	---	4	1744.1	-----	9.1	8.7	0.5	7.0	6.7	0.4	60.01
(168, 169)	2	SOV	---	---	5	1755.6	-----	8.8	8.5	0.3	6.8	6.5	0.3	62.03
(168, 169)	3	SOV	---	---	6	1596.5	-----	8.7	8.3	0.4	6.7	6.4	0.3	62.92
(168, 169)	4	HOV	4	4	0	4.0	4.0	8.2	8.2	0.0	6.4	6.4	0.0	66.64
(404, 170)	1	SOV	---	---	2	231.8	-----	3.6	3.5	0.0	2.8	2.7	0.0	54.72
(7018, 171)	1	SOV	---	---	0	435.3	-----	2.9	2.5	0.4	2.3	1.9	0.3	43.29
(171, 172)	1	SOV	---	---	0	395.0	-----	2.6	2.5	0.1	2.0	1.9	0.1	48.23
(172, 387)	1	SOV	---	---	0	395.0	-----	2.7	2.5	0.2	2.1	1.9	0.1	49.88

(7020, 174)	1	SOV	---	---	1	521.5	-----	3.3	3.0	0.3	2.5	2.3	0.2	45.27
(174, 175)	1	SOV	---	---	0	481.0	-----	3.4	3.3	0.1	2.6	2.5	0.1	49.11
(175, 386)	1	SOV	---	---	1	480.8	-----	3.8	3.6	0.2	2.9	2.8	0.2	51.23
(385, 173)	1	SOV	---	---	0	552.0	-----	3.3	3.2	0.1	2.5	2.5	0.1	53.83
(173,7019)	1	SOV	---	---	0	552.0	-----	3.2	3.1	0.1	2.5	2.4	0.0	51.30
(170,7017)	1	SOV	---	---	0	230.0	-----	3.7	3.6	0.0	2.8	2.8	0.0	51.85
(151, 344)	1	SOV	---	---	1	759.6	-----	7.9	7.6	0.3	6.1	5.9	0.3	52.28
(151, 344)	2	SOV	---	---	0	60.8	-----	8.2	7.2	0.9	6.3	5.6	0.7	50.85
(344,7026)	1	SOV	---	---	0	9.0	-----	3.3	2.8	0.4	2.5	2.2	0.3	43.53
(344,7026)	2	SOV	---	---	0	811.6	-----	3.1	2.8	0.3	2.4	2.2	0.2	45.87
(7007, 208)	1	SOV	---	---	0	147.3	-----	3.0	2.5	0.5	2.3	1.9	0.4	38.20
(209, 180)	1	SOV	---	---	0	132.0	-----	3.7	3.5	0.2	2.9	2.7	0.2	51.08
(396, 397)	1	SOV	---	---	7	1076.6	-----	28.1	20.5	7.7	21.8	15.8	5.9	42.59
(396, 397)	2	SOV	---	---	7	1428.8	-----	22.9	18.9	3.9	17.7	14.6	3.0	52.38
(396, 397)	3	SOV	---	---	9	1268.2	-----	20.3	18.3	2.0	15.7	14.1	1.6	59.01
(396, 397)	4	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(399, 402)	1	SOV	---	---	2	769.4	-----	19.3	16.8	2.5	14.9	13.0	1.9	48.08
(399, 402)	2	SOV	---	---	6	941.8	-----	17.8	17.0	0.8	13.7	13.1	0.6	52.21
(559, 407)	1	SOV	---	---	5	1786.9	-----	6.9	6.3	0.7	5.4	4.8	0.5	45.07
(559, 407)	6	SOV	---	---	0	1205.9	-----	6.7	6.3	0.4	5.2	4.9	0.3	46.29
(370, 416)	1	SOV	---	---	1	417.6	-----	3.9	3.8	0.1	3.0	3.0	0.1	53.58
(403, 310)	1	SOV	---	---	4	1358.6	-----	12.5	9.3	3.2	9.6	7.2	2.5	40.66
(403, 310)	2	SOV	---	---	0	348.2	-----	15.8	9.8	6.1	12.2	7.5	4.7	32.04
(383, 314)	1	SOV	---	---	7	1819.5	-----	51.1	13.0	38.2	39.5	10.0	29.5	13.61
(381, 315)	1	SOV	---	---	1	555.0	-----	3.6	3.3	0.2	2.7	2.6	0.2	50.51
(380, 381)	1	SOV	---	---	2	557.2	-----	3.6	3.5	0.1	2.8	2.7	0.1	48.98
(7029, 380)	1	SOV	---	---	3	592.3	-----	4.5	4.2	0.3	3.4	3.2	0.2	46.83
(316, 309)	1	SOV	---	---	2	1647.2	-----	8.7	3.4	5.3	6.7	2.6	4.1	21.83

(349, 352)	1	SOV	---	---	1	478.6	-----	9.9	9.7	0.3	7.7	7.5	0.2	48.52
(352,7027)	1	SOV	---	---	0	479.3	-----	2.5	2.3	0.2	2.0	1.8	0.1	45.62
(346, 347)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(599, 678)	1	SOV	---	---	0	427.6	-----	4.8	4.7	0.1	3.7	3.6	0.1	56.46
(599, 678)	2	SOV	---	---	1	1005.5	-----	5.1	5.0	0.1	4.0	3.9	0.1	52.56
(685, 601)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(603, 688)	1	SOV	---	---	4	716.0	-----	10.7	10.6	0.2	8.3	8.1	0.1	49.46
(603, 688)	2	SOV	---	---	4	715.0	-----	9.7	9.6	0.1	7.5	7.4	0.1	54.64
(603, 688)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(382, 383)	1	SOV	---	---	0	1820.0	-----	9.2	2.1	7.1	7.1	1.6	5.5	14.42
(368, 369)	1	SOV	---	---	4	429.2	-----	26.0	23.9	2.1	20.1	18.5	1.6	59.78
(368, 369)	2	SOV	---	---	2	622.5	-----	26.1	24.1	2.0	20.1	18.6	1.5	59.48
(368, 369)	3	HOV	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(407, 411)	1	SOV	---	---	0	0.0	-----	0.0	0.0	0.0	0.0	0.0	0.0	0.00
(406, 412)	1	SOV	---	---	0	458.4	-----	5.7	5.3	0.4	4.4	4.1	0.3	41.63
(406, 412)	2	SOV	---	---	0	126.2	-----	5.8	5.0	0.9	4.5	3.8	0.7	40.38
(412,7041)	1	SOV	---	---	0	24.0	-----	4.0	3.0	1.0	3.1	2.3	0.8	33.67
(412,7041)	2	SOV	---	---	0	561.0	-----	3.9	3.1	0.9	3.0	2.4	0.7	34.48
(7042, 414)	1	SOV	---	---	0	563.8	-----	3.7	3.5	0.3	2.9	2.7	0.2	42.48
(414, 415)	1	SOV	---	---	0	522.0	-----	2.7	2.5	0.2	2.1	1.9	0.2	45.38
(415, 307)	1	SOV	---	---	0	522.0	-----	3.7	3.5	0.2	2.9	2.7	0.2	50.73
(7013, 8)	1	SOV	---	---	2	588.5	-----	3.7	1.8	1.9	2.8	1.4	1.5	33.94
(8, 132)	1	SOV	---	---	0	535.8	-----	2.7	2.0	0.7	2.1	1.6	0.5	44.38

CORSIM & SYNCHRO INTERSECTION DATA

2018 NO-BUILD

AM Peak

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
1. I-5 SB Ramps @ Stockdale Hwy						
SB - I-5 SB Off ramp - STOP Control	190	190	100%	4.1	A	
EB - Stockdale Hwy	43	42	98%	0.0	A	A
WB - Stockdale Hwy	75	70	93%	0.1	A	
Intersection Total	***308***	***302***	***98%***			
2. I-5 NB Ramps @ Stockdale Hwy						
NB - I-5 NB Off Ramp - STOP Control	43	42	100%	4.6	A	
EB - Stockdale Hwy	222	220	99%	0.1	A	A
WB - Stockdale Hwy	313	262	84%	0.0	A	
Intersection Total	***578***	***541***	***94%***			
4. Enos Ln @ Stockdale Hwy						
NB - Enos Ln	325	323	99%	17.9	B	
SB - Enos Ln	250	243	97%	44.3	D	D
EB - Stockdale Hwy	231	246	106%	18.5	B	
WB - Stockdale Hwy	568	600	106%	54.6	D	
Intersection Total	***1,374***	***1,412***	***103%***	***37.1***		
5. SR- 43 @ I-5 NB Ramps						
NB - SR- 43	289	314	109%	0.2	A	
SB - SR-43	709	710	100%	0.0	A	A
WB - I-5 NB Off Ramp - STOP Control	53	46	87%	5.4	A	
Intersection Total	***1,051***	***1,070***	***102%***			
6. SR-43 @ I-5 SB Ramps						
NB - SR- 43	271	272	100%	0.0	A	
SB - SR-43	637	634	100%	0.4	A	A
EB - I-5 SB Ramp - STOP Control	31	49	158%	7.1	A	
Intersection Total	***939***	***955***	***102%***			
7. Nord Rd @ Stockdale Hwy						
NB - Nord Rd	98	97	99%	5.3	A	
SB - Nord Rd	111	110	99%	32.8	C	D
EB - Stockdale Hwy	453	446	98%	43.1	D	
WB - Stockdale Hwy	592	672	114%	44.2	D	
Intersection Total	***1,254***	***1,325***	***106%***	***40.0***		
9. Heath Rd @ Stockdale Rd						
NB - Heath Rd	113	112	99%	15.6	B	
SB - Heath Rd	366	368	101%	42.6	D	C
EB - Stockdale Hwy	667	651	98%	11.3	B	
WB - Stockdale Hwy	799	845	106%	20.0	C	
Intersection Total	***1,945***	***1,976***	***102%***	***21.1***		
10. WSP @ Stockdale Off/ On						
NB - Stockdale Hwy	227	226	100%	16.7	B	
EB - Stockdale Hwy	1,056	1,043	99%	3.9	A	A
WB - WSP	705	742	105%	4.7	A	
Intersection Total	***1,988***	***2,011***	***101%***	***5.6***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
14. Allen Rd @ Brihmall Rd						
NB - Allen Rd	1,044	1,001	96%	27.8	C	C
SB - Allen Rd	1,232	1,234	100%	28.5	C	
EB - Brihmall Rd	514	510	99%	15.5	B	
WB - Brihmall Rd	293	290	99%	23.2	C	
Intersection Total	***3,083***	***3,035***	***98%***	***25.6***		
15. Allen Rd @ WSP WB Ramps						
NB - Allen Rd	485	472	97%	22.8	C	B
SB - Allen Rd	1,458	1,452	100%	11.5	B	
WB - Off Ramp/On Ramp WSP WB	750	696	93%	8.4	A	
Intersection Total	***2,693***	***2,620***	***97%***	***12.7***		
16. Allen Rd @ WSP EB Ramps						
NB - Allen Rd	943	926	98%	7.4	A	B
SB - Allen Rd	1,548	1,513	98%	20.5	C	
EB - WSP EB off Ramp	65	60	92%	23.5	C	
Intersection Total	***2,556***	***2,499***	***98%***	***15.7***		
18. Allen Rd @ Stockdale Hwy						
NB - Allen Rd	408	411	101%	17.4	B	C
SB - Allen Rd	593	566	95%	21.0	C	
EB - Stockdale Hwy	775	764	99%	39.6	D	
WB - Stockdale Hwy	654	648	99%	21.5	C	
Intersection Total	***2,430***	***2,389***	***98%***	***26.5***		
20. Calloway Dr @ Brimhall Rd						
NB - Calloway Dr	970	987	102%	24.6	C	C
SB - Calloway Dr	1,208	1,209	100%	31.1	C	
EB - Brimhall Rd	902	900	100%	21.0	C	
WB - Brimhall Rd	508	507	100%	23.5	C	
Intersection Total	***3,588***	***3,603***	***100%***	***25.7***		
21. Calloway Dr @ WSP WB Ramps						
NB - Calloway Dr	936	964	103%	8.1	A	A
SB - Calloway Dr	1,394	1,381	99%	7.8	A	
EB - WSP WB on Ramp	430	380	88%	10.2	B	
WB - WSP WB Off Ramp	195	200	103%	3.9	A	
Intersection Total	***2,955***	***2,925***	***99%***	***7.9***		
22. Calloway Dr @ WSP EB Ramps						
NB - Calloway Dr	835	856	103%	17.7	B	B
SB - Calloway Dr	1,280	1,252	98%	16.0	B	
EB - WSP EB off Ramp	505	470	93%	16.8	B	
Intersection Total	***2,620***	***2,578***	***98%***	***16.7***		
23. Calloway Dr @ Stockdale Hwy						
NB - Calloway Dr	1,412	1,416	100%	39.5	D	D
SB - Calloway Dr	1,684	1,625	96%	27.4	C	
EB - Stockdale Hwy	1,396	1,387	99%	45.7	D	
WB - Stockdale Hwy	561	564	101%	29.0	C	
Intersection Total	***5,053***	***4,992***	***99%***	***40.8***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
25. Coffee Rd @ Brimhall Rd						
NB - Coffee Rd	1,350	1,374	102%	32.5	C	C
SB - Coffee Rd	1,076	1,079	100%	27.2	C	
EB - Brimhall Rd	746	748	100%	14.0	B	
WB - Brimhall Rd	1,125	1,141	101%	28.4	C	
Intersection Total	***4,297***	***4,342***	***101%***	***26.9***		
27. Coffee Rd @ WSP EB Ramp						
NB - Coffee Rd	1,091	1,444	132%	33.4	C	C
SB - Coffee Rd	1,602	1,591	99%	31.9	C	
EB - WSP EB off Ramp	1,225	1,233	101%	14.1	B	
Intersection Total	***3,918***	***4,268***	***109%***	***27.3***		
28. Coffee Rd @ Truxtun Ave						
NB - Coffee Rd	1,469	1,467	100%	23.3	C	B
SB - Coffee Rd	2,068	2,095	101%	13.2	B	
WB - Truxtun Ave	358	357	100%	24.0	C	
Intersection Total	***3,895***	***3,919***	***101%***	***18.0***		
32. Mohawk St @ WSP EB Ramps						
NB - Mohawk St	1,031	1,031	100%	51.8	D	C
SB - Mohawk St	457	440	96%	22.0	C	
EB - WSP EB off Ramp	1,080	1,083	100%	3.9	A	
Intersection Total	***2,568***	***2,554***	***99%***	***26.4***		
33. Mohawk St @ Truxtun Ave						
NB - Mohawk St	1,503	1,494	99%	26.2	C	C
SB - Mohawk St	1,335	1,322	99%	32.3	C	
EB - Truxtun Ave	630	630	100%	14.4	B	
WB - Truxtun Ave	432	440	102%	32.3	C	
Intersection Total	***3,900***	***3,886***	***100%***	***27.1***		
36. Airport Dr & State Rd/SR204 WB Ramp						
NB - Airport Dr	1,354	1,397	103%	15.1	B	B
SB - Airport Dr	1,443	1,446	100%	21.3	C	
EB - State Rd	201	200	100%	13.3	B	
WB - SR204 WB Off Ramp	785	768	98%	25.3	C	
Intersection Total	***3,783***	***3,811***	***101%***	***20.4***		
37. Buck Owens Blvd & SR99 NB Ramp						
NB - SR99 NB Off Ramp	1,535	1,420	93%	7.9	A	A
WB - Buck Owens Blvd	360	363	101%	3.8	A	
Intersection Total	***1,895***	***1,783***	***94%***	***7.1***		
38. Rio Mirada Dr & Buck Owens Blvd						
NB - Buck Owens Blvd	316	317	100%	25.0	C	C
SB - Buck Owens Blvd	117	113	97%	34.1	C	
EB - Rio Mirada Dr	750	697	93%	17.6	B	
WB - Rio Mirada Dr	142	141	99%	19.0	B	
Intersection Total	***1,325***	***1,268***	***96%***	***21.1***		
39. SR99 NB Ramps/Sillect Ave & Buck Owens Blvd						
NB - Buck Owens Blvd	958	921	96%	42.5	D	D
SB - Buck Owens Blvd	423	426	101%	51.2	D	
EB - SR99 NB Off Ramp	825	745	90%	33.4	C	
WB - Sillect Ave	204	197	97%	42.7	D	
Intersection Total	***2,410***	***2,289***	***95%***	***41.2***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
40. Rosedale Hwy & Camino del Rio Ct						
NB - Camino del Rio Ct	315	310	98%	41.3	D	C
SB - Camino del Rio Ct	172	168	98%	52.0	D	
EB - Rosedale Hwy	2,551	2,566	101%	17.9	B	
WB - Rosedale Hwy	2,663	2,536	95%	15.6	B	
Intersection Total	***5,701***	***5,580***	***98%***	***34.6***		
41. Rosedale Hwy & SR99 SB Ramp						
SB - SR99 SB Off Ramp	660	669	101%	22.4	C	B
EB - Rosedale Hwy	1,661	1,651	99%	8.4	A	
WB - Rosedale Hwy	2,246	2,135	95%	20.1	C	
Intersection Total	***4,567***	***4,455***	***98%***	***16.1***		
42. Rosedale Hwy & SR99 NB Ramp/Buck Owens Blvd						
NB - SR99 NB Off Ramp	2,150	1,944	90%	47.3	D	C
SB - Buck Owens Blvd	561	542	97%	13.2	B	
EB - Rosedale Hwy	1,905	1,866	98%	22.0	C	
WB - 24th St	2,303	2,263	98%	13.4	B	
Intersection Total	***6,919***	***6,615***	***96%***	***25.8***		
43. 24th St & Oak St						
NB - Oak St	1,301	1,304	100%	32.2	C	C
SB - Oak St	85	85	100%	56.1	E	
EB - 24th St	2,784	2,646	95%	26.7	C	
WB - 24th St	2,940	2,930	100%	22.9	C	
Intersection Total	***7,110***	***6,965***	***98%***	***26.5***		
45. Oak St @ Truxtun Ave						
NB - Oak St	1,446	1,448	100%	45.9	D	D
SB - Oak St	1,197	1,190	99%	26.4	C	
EB - Truxtun Ave	2,037	1,884	92%	28.0	C	
WB - Truxtun Ave	616	616	100%	51.7	D	
Intersection Total	***5,296***	***5,138***	***97%***	***35.5***		
46. California Ave & Chester Ln						
NB - Chester Ln	141	138	98%	32.9	C	C
SB - Chester Ln	161	157	98%	27.0	C	
EB - California Ave	1,236	1,247	101%	19.8	B	
WB - California Ave	1,818	1,851	102%	24.7	C	
Intersection Total	***3,356***	***3,393***	***101%***	***23.3***		
47. California Ave & SR99 SB Ramps/Real Rd						
NB - Real Rd	349	351	101%	31.0	C	D
SB - SR99 SB Off Ramp	1,105	1,122	102%	47.2	D	
EB - California Ave	1,348	1,336	99%	41.6	D	
WB - California Ave	1,223	1,219	100%	43.5	D	
Intersection Total	***4,025***	***4,028***	***100%***	***43.6***		
48. California Ave & SR99 NB Ramps						
NB - SR99 NB Off Ramp	1,145	1,025	90%	15.5	B	C
SB - Extended Stay Hotel	57	55	96%	19.2	B	
EB - California Ave	1,060	1,102	104%	31.8	C	
WB - California Ave	1,204	1,154	96%	32.0	C	
Intersection Total	***3,466***	***3,336***	***96%***	***26.7***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
49. California Ave & Oak St						
NB - Oak St	813	816	100%	35.4	D	C
SB - Oak St	922	895	97%	22.8	C	
EB - California Ave	1,760	1,728	98%	22.5	C	
WB - California Ave	762	752	99%	23.8	C	
Intersection Total	***4,257***	***4,191***	***98%***	***25.3***		
51. Stockdale Hwy & Real Rd						
NB - Real Rd	803	823	102%	70.9	E	D
SB - Real Rd	398	402	101%	45.4	D	
EB - Stockdale Hwy	1,664	1,655	99%	50.8	D	
WB - Stockdale Hwy	1,301	1,332	102%	47.2	D	
Intersection Total	***4,166***	***4,212***	***101%***	***59.1***		
52. Stockdale @SR-99 SB Ramps						
SB- SR-99 SB Off-Ramp	390	417	107%	17.7	B	B
EB - Stockdale Hwy	964	974	101%	12.7	B	
WB- Stockdale	1,019	1,020	100%	14.4	B	
Intersection Total	***2,373***	***2,411***	***102%***	***14.3***		
53. Stockdale Hwy & Oak St/Wible Rd						
NB - Wible Rd	1,081	1,044	97%	25.6	C	C
SB - Oak St	381	382	100%	28.3	C	
EB - Stockdale Hwy	1,054	1,066	101%	25.6	C	
WB - Stockdale Hwy	563	562	100%	33.6	C	
Intersection Total	***3,079***	***3,054***	***99%***	***27.4***		
54. SR58 Ramps & Real Rd						
NB - Real Rd	754	757	100%	14.5	B	C
SB - Real Rd	1,111	1,095	99%	25.7	C	
WB - SR58 WB	930	961	103%	28.4	C	
Intersection Total	***2,795***	***2,813***	***101%***	***23.6***		
55. SR99 NB Ramps & Wible Rd						
NB - Wible Rd	793	791	100%	9.8	A	B
SB - Wible Rd	515	527	102%	16.0	B	
EB - SR99 NB Off Ramp	595	585	98%	18.8	B	
Intersection Total	***1,903***	***1,903***	***100%***	***14.3***		
57. Ming Ave & Real Rd						
NB - Real Rd	336	336	100%	26.1	C	C
SB - Real Rd	412	408	99%	36.6	D	
EB - Ming Ave	1,826	1,830	100%	21.9	C	
WB - Ming Ave	1,317	1,283	97%	24.6	C	
Intersection Total	***3,891***	***3,857***	***99%***	***24.7***		
58. Ming Ave & SR99 SB Ramps						
EB - Ming Ave	1,983	1,965	99%	0.3	A	A
WB - Ming Ave	814	764	94%	8.2	A	
Intersection Total	***2,797***	***2,729***	***98%***	***2.5***		
59. Ming Ave & Wible Rd						
NB - Wible Rd	647	646	100%	25.7	C	C
SB - Wible Rd	251	249	99%	34.6	C	
EB - Ming Ave	1,986	1,956	98%	22.9	C	
WB - Ming Ave	796	745	94%	10.3	B	
Intersection Total	***3,680***	***3,596***	***98%***	***21.6***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
60. Ming Ave & SR99 NB Ramps						
NB - Sears	55	54	98%	33.6	C	C
SB - SR99 SB Off Ramp	515	463	90%	19.5	B	
EB - Ming Ave	1,862	1,908	102%	30.4	C	
WB - Ming Ave	762	762	100%	13.7	B	
Intersection Total	***3,194***	***3,187***	***100%***	***24.9***		
61. Ming Ave & Castro Ln						
NB - Castro Ln	54	55	102%	30.7	C	C
SB - Castro Ln	155	154	99%	21.7	C	
EB - Ming Ave	991	976	98%	13.2	B	
WB - Ming Ave	724	725	100%	36.2	D	
Intersection Total	***1,924***	***1,910***	***99%***	***23.1***		
66. Brundage Ln & H St						
NB - H St	1,105	1,105	100%	20.3	C	C
SB - H St	375	375	100%	30.3	C	
EB - Brundage Ln	599	599	100%	27.6	C	
WB - Brundage Ln	404	436	108%	35.1	D	
Intersection Total	***2,483***	***2,515***	***101%***	***26.1***		
67. SR58 WB Ramp & H St						
NB - H St	1,049	1,062	101%	2.7	A	B
SB - H St	514	542	105%	16.1	B	
WB - Richland St	492	464	94%	31.3	C	
Intersection Total	***2,055***	***2,068***	***101%***	***17.6***		
68. SR58 EB Ramp & H St						
NB - H St	1,056	1,056	100%	42.5	D	D
SB - H St	460	558	121%	36.4	D	
EB - SR58 EB Off Ramp	440	460	105%	34.6	C	
Intersection Total	***1,956***	***2,074***	***106%***	***39.7***		
70. Brundage Ln & Chester Ave						
NB - Chester Ave	807	854	106%	16.2	B	C
SB - Chester Ave	576	577	100%	28.6	C	
EB - Brundage Ln	658	667	101%	20.8	C	
WB - Brundage Ln	359	357	99%	28.4	C	
Intersection Total	***2,400***	***2,455***	***102%***	***22.1***		
71. SR58 WB Ramp & Chester Ave						
NB - Chester Ave	751	817	109%	2.0	A	C
SB - Chester Ave	711	695	98%	45.2	D	
WB - Richland St	605	585	97%	27.3	C	
Intersection Total	***2,067***	***2,097***	***101%***	***23.4***		
72. SR58 EB Ramp & Chester Ave						
NB - Chester Ave	752	753	100%	34.9	C	C
SB - Chester Ave	791	786	99%	23.3	C	
EB - Frontage Rd	530	534	101%	34.0	C	
Intersection Total	***2,073***	***2,073***	***100%***	***32.8***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
74. Brundage Ln & Union Ave						
NB - Union Ave	1,565	1,537	98%	36.5	D	C
SB - Union Ave	1,150	1,146	100%	26.7	C	
EB - Brundage Ln	427	428	100%	29.8	C	
WB - Brundage Ln	831	822	99%	19.6	B	
Intersection Total	***3,973***	***3,933***	***99%***	***29.4***		
75. Brundage Ln & SR58 WB Ramps (Union Ave)						
NB - SR58 WB Off Ramp	530	521	98%	10.2	B	C
SB - Liggett St	73	74	101%	28.7	C	
EB - Brundage Ln	384	369	96%	40.6	D	
WB - Brundage Ln	399	402	101%	64.8	E	
Intersection Total	***1,386***	***1,366***	***99%***	***34.5***		
76. SR58 EB Ramp & Union Ave						
NB - Union Ave	1,189	1,187	100%	15.5	B	B
SB - Union Ave	869	926	107%	12.5	B	
EB - SR58 EB Off Ramp	855	835	98%	13.0	B	
Intersection Total	***2,913***	***2,948***	***101%***	***13.8***		
77.Cottonwood Rd & Brundage Ln						
NB - Cottonwood Rd	605	577	95%	17.6	B	C
SB - Cottonwood Rd	157	157	100%	27.8	C	
EB - Brundage Ln	187	188	101%	27.4	C	
WB - Brundage Ln	474	486	103%	27.3	C	
Intersection Total	***1,423***	***1,408***	***99%***	***23.4***		
78. Brundage Ln & SR58 WB Ramps (Cottonwood Rd)						
NB - SR58 WB Off Ramp	245	258	105%	21.8	C	C
SB - Driveway	13	12	92%	32.5	C	
EB - Brundage Ln	530	479	90%	25.0	C	
WB - Brundage Ln	356	355	100%	30.3	C	
Intersection Total	***1,144***	***1,104***	***97%***	***26.0***		
79. Cottonwood Rd & SR 58 EB Off Ramp						
NB - Cottonwood Rd	528	527	100%	12.8	B	B
SB - Cottonwood Rd	356	370	104%	24.0	C	
EB - SR-58 EB off Ramp	460	443	96%	15.8	B	
Intersection Total	***1,344***	***1,340***	***100%***	***16.9***		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	
Lane Util. Factor	0.97	0.91	1.00	0.97	0.95	1.00	0.97	0.91		0.97	0.91	
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.96		1.00	0.99	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (prot)	3433	4803	1524	3242	3343	1495	3242	4618		3242	4765	
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (perm)	3433	4803	1524	3242	3343	1495	3242	4618		3242	4765	
Volume (vph)	112	429	119	225	275	122	133	590	203	145	834	46
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	122	466	129	245	299	133	143	634	218	156	897	49
RTOR Reduction (vph)	0	0	9	0	0	18	0	0	0	0	0	0
Lane Group Flow (vph)	122	466	120	245	299	115	143	852	0	156	946	0
Heavy Vehicles (%)	2%	8%	6%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6						
Actuated Green, G (s)	4.7	33.0	33.0	6.0	34.3	34.3	6.6	23.4		6.9	23.7	
Effective Green, g (s)	6.0	36.0	36.0	7.3	37.3	37.3	7.5	26.4		7.8	26.7	
Actuated g/C Ratio	0.06	0.39	0.39	0.08	0.40	0.40	0.08	0.28		0.08	0.29	
Clearance Time (s)	5.3	7.0	7.0	5.3	7.0	7.0	4.9	7.0		4.9	7.0	
Vehicle Extension (s)	2.0	6.0	6.0	2.0	5.3	5.3	2.0	3.1		2.0	2.4	
Lane Grp Cap (vph)	220	1849	587	253	1334	596	260	1304		270	1361	
v/s Ratio Prot	c0.04	c0.10		c0.08	0.09		0.04	0.18		c0.05	c0.20	
v/s Ratio Perm			0.08			0.09						
v/c Ratio	0.55	0.25	0.20	0.97	0.22	0.19	0.55	0.65		0.58	0.70	
Uniform Delay, d1	42.5	19.6	19.2	43.0	18.5	18.3	41.4	29.5		41.3	29.8	
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Incremental Delay, d2	1.7	0.3	0.8	47.0	0.4	0.7	1.4	1.2		1.9	1.4	
Delay (s)	44.2	19.9	20.0	90.0	18.9	19.0	42.8	30.7		43.1	31.2	
Level of Service	D	B	B	F	B	B	D	C		D	C	
Approach Delay (s)		24.0			44.7			32.5			32.9	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM Average Control Delay	33.2	HCM Level of Service	C
HCM Volume to Capacity ratio	0.52		
Actuated Cycle Length (s)	93.5	Sum of lost time (s)	16.0
Intersection Capacity Utilization	50.2%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor		1.00		1.00	1.00		1.00	0.91	1.00	1.00	0.91	1.00
Frt		0.97		1.00	0.85		1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected		0.96		0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)		1744		1770	1585		1770	5085	1583	1770	5085	1583
Flt Permitted		0.47		0.73	1.00		0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)		855		1355	1585		1770	5085	1583	1770	5085	1583
Volume (vph)	105	1	25	30	1	149	25	689	56	73	538	35
Peak-hour factor, PHF	0.84	0.84	0.84	0.88	0.88	0.88	0.93	0.93	0.93	0.92	0.92	0.92
Adj. Flow (vph)	125	1	30	34	1	169	27	741	60	79	585	38
RTOR Reduction (vph)	0	10	0	0	140	0	0	0	11	0	0	3
Lane Group Flow (vph)	0	146	0	34	30	0	27	741	49	79	585	35
Turn Type	Perm			Perm			Prot		Perm	Prot		Perm
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4			8					2			6
Actuated Green, G (s)		19.2		19.2	19.2		4.9	60.3	60.3	18.5	73.9	73.9
Effective Green, g (s)		19.2		19.2	19.2		4.9	60.3	60.3	18.5	73.9	73.9
Actuated g/C Ratio		0.17		0.17	0.17		0.04	0.55	0.55	0.17	0.67	0.67
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		149		237	277		79	2788	868	298	3416	1063
v/s Ratio Prot					0.11		0.02	c0.15		c0.04	0.12	
v/s Ratio Perm		c0.18		0.03					0.04			0.02
v/c Ratio		0.98		0.14	0.11		0.34	0.27	0.06	0.27	0.17	0.03
Uniform Delay, d1		45.2		38.4	38.2		51.0	13.1	11.6	39.8	6.7	6.1
Progression Factor		1.00		1.00	1.00		0.80	0.77	0.79	1.05	0.96	0.93
Incremental Delay, d2		67.6		0.3	0.2		2.1	0.2	0.1	0.5	0.1	0.1
Delay (s)		112.8		38.7	38.4		42.8	10.3	9.2	42.5	6.6	5.7
Level of Service		F		D	D		D	B	A	D	A	A
Approach Delay (s)		112.8			38.4			11.3			10.6	
Approach LOS		F			D			B			B	

Intersection Summary			
HCM Average Control Delay	22.3	HCM Level of Service	C
HCM Volume to Capacity ratio	0.42		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	47.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.94		1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3367	4803	1509	3242	4803	1495	3242	4532		3242	4803	1495
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3367	4803	1509	3242	4803	1495	3242	4532		3242	4803	1495
Volume (vph)	152	1194	210	209	627	115	122	466	281	289	741	101
Peak-hour factor, PHF	0.94	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	162	1270	223	225	674	124	131	501	302	311	797	109
RTOR Reduction (vph)	0	0	23	0	0	14	0	0	0	0	0	10
Lane Group Flow (vph)	162	1270	200	225	674	110	131	803	0	311	797	99
Heavy Vehicles (%)	4%	8%	7%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6						4
Actuated Green, G (s)	14.2	35.1	35.1	6.7	27.6	27.6	7.7	34.0		7.8	34.1	34.1
Effective Green, g (s)	16.5	38.0	38.0	9.0	30.5	30.5	9.9	37.0		10.0	37.1	37.1
Actuated g/C Ratio	0.15	0.35	0.35	0.08	0.28	0.28	0.09	0.34		0.09	0.34	0.34
Clearance Time (s)	6.3	6.9	6.9	6.3	6.9	6.9	6.2	7.0		6.2	7.0	7.0
Vehicle Extension (s)	2.0	5.9	5.9	2.0	6.5	6.5	2.0	4.3		2.0	4.3	4.3
Lane Grp Cap (vph)	505	1659	521	265	1332	415	292	1524		295	1620	504
v/s Ratio Prot	0.05	c0.26		c0.07	0.14		0.04	c0.18		c0.10	0.17	
v/s Ratio Perm			0.15			0.08						0.07
v/c Ratio	0.32	0.77	0.38	0.85	0.51	0.26	0.45	0.53		1.05	0.49	0.20
Uniform Delay, d1	41.7	32.0	27.2	49.8	33.4	31.0	47.5	29.4		50.0	29.0	25.9
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	0.1	2.8	1.3	20.8	1.0	1.1	0.4	1.3		67.4	1.1	0.9
Delay (s)	41.9	34.8	28.5	70.7	34.4	32.1	47.9	30.7		117.4	30.0	26.7
Level of Service	D	C	C	E	C	C	D	C		F	C	C
Approach Delay (s)		34.6			42.1			33.1			52.1	
Approach LOS		C			D			C			D	

Intersection Summary			
HCM Average Control Delay	40.3	HCM Level of Service	D
HCM Volume to Capacity ratio	0.68		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	65.9%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.94	0.91	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3183	4759	1468	3213	4673	1495	4586	4988	1495	3303	4940	1392
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3183	4759	1468	3213	4673	1495	4586	4988	1495	3303	4940	1392
Volume (vph)	211	1831	160	214	801	175	275	956	424	315	760	50
Peak-hour factor, PHF	0.95	0.95	0.95	0.93	0.93	0.93	0.94	0.94	0.94	0.93	0.93	0.93
Adj. Flow (vph)	222	1927	168	230	861	188	293	1017	451	339	817	54
RTOR Reduction (vph)	0	0	32	0	0	16	0	0	46	0	0	16
Lane Group Flow (vph)	222	1927	136	230	861	172	293	1017	406	339	817	38
Heavy Vehicles (%)	10%	9%	10%	9%	11%	8%	11%	4%	8%	6%	5%	16%
Turn Type	Prot		Perm	Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6			8			4
Actuated Green, G (s)	9.2	40.0	40.0	7.7	38.5	38.5	6.0	38.5	38.5	6.8	39.3	39.3
Effective Green, g (s)	11.5	43.0	43.0	10.0	41.5	41.5	8.2	42.0	42.0	9.0	42.8	42.8
Actuated g/C Ratio	0.10	0.36	0.36	0.08	0.35	0.35	0.07	0.35	0.35	0.08	0.36	0.36
Clearance Time (s)	6.3	7.0	7.0	6.3	7.0	7.0	6.2	7.5	7.5	6.2	7.5	7.5
Vehicle Extension (s)	2.0	4.6	4.6	2.0	4.9	4.9	2.0	6.0	6.0	2.0	6.0	6.0
Lane Grp Cap (vph)	305	1705	526	268	1616	517	313	1746	523	248	1762	496
v/s Ratio Prot	0.07	c0.40		c0.07	0.18		0.06	0.20		c0.10	0.17	
v/s Ratio Perm			0.11			0.13			0.30			0.04
v/c Ratio	0.73	1.13	0.26	0.86	0.53	0.33	0.94	0.58	0.78	1.37	0.46	0.08
Uniform Delay, d1	52.7	38.5	27.2	54.3	31.5	29.0	55.6	31.8	34.8	55.5	29.8	25.5
Progression Factor	1.00	1.00	1.00	1.18	1.28	1.44	0.90	0.66	0.66	1.00	1.00	1.00
Incremental Delay, d2	7.2	66.6	1.2	19.4	1.1	1.5	32.1	1.3	10.0	188.8	0.9	0.3
Delay (s)	59.9	105.1	28.4	83.3	41.4	43.4	82.4	22.3	32.8	244.3	30.6	25.8
Level of Service	E	F	C	F	D	D	F	C	C	F	C	C
Approach Delay (s)		95.2			49.2			35.0			90.3	
Approach LOS		F			D			C			F	

Intersection Summary			
HCM Average Control Delay	69.2	HCM Level of Service	E
HCM Volume to Capacity ratio	0.98		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	82.3%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.98		1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3433	4988	1495	3367	4940	1495	3433	4983		3400	4988	1553
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3433	4988	1495	3367	4940	1495	3433	4983		3400	4988	1553
Volume (vph)	179	568	70	247	515	168	253	1180	169	382	1110	335
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.95	0.95	0.95
Adj. Flow (vph)	192	611	75	266	554	181	269	1255	180	402	1168	353
RTOR Reduction (vph)	0	0	10	0	0	29	0	0	0	0	0	32
Lane Group Flow (vph)	192	611	65	266	554	152	269	1435	0	402	1168	321
Heavy Vehicles (%)	2%	4%	8%	4%	5%	8%	2%	2%	3%	3%	4%	4%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		Perm
Protected Phases	3	8		7	4		1	6		5	2	
Permitted Phases			8			4						2
Actuated Green, G (s)	12.9	19.1	19.1	12.0	18.2	18.2	14.0	52.9		16.0	54.9	54.9
Effective Green, g (s)	12.9	21.1	21.1	12.0	20.2	20.2	14.0	54.9		16.0	56.9	56.9
Actuated g/C Ratio	0.11	0.18	0.18	0.10	0.17	0.17	0.12	0.46		0.13	0.47	0.47
Clearance Time (s)	4.0	6.0	6.0	4.0	6.0	6.0	4.0	6.0		4.0	6.0	6.0
Vehicle Extension (s)	1.0	2.0	2.0	1.0	2.0	2.0	1.0	2.0		1.0	2.0	2.0
Lane Grp Cap (vph)	369	877	263	337	832	252	401	2280		453	2365	736
v/s Ratio Prot	0.06	c0.12		c0.08	0.11		0.08	c0.29		c0.12	0.23	
v/s Ratio Perm			0.05			0.12						0.23
v/c Ratio	0.52	0.70	0.25	0.79	0.67	0.60	0.67	0.63		0.89	0.49	0.44
Uniform Delay, d1	50.6	46.4	42.6	52.8	46.7	46.2	50.8	24.8		51.1	21.7	20.9
Progression Factor	0.63	0.92	0.86	1.00	1.00	1.00	1.00	1.00		0.78	0.92	0.96
Incremental Delay, d2	0.5	1.8	0.2	10.8	1.6	2.8	3.5	1.3		17.0	0.7	1.7
Delay (s)	32.5	44.5	36.7	63.5	48.3	49.0	54.2	26.1		57.1	20.6	21.8
Level of Service	C	D	D	E	D	D	D	C		E	C	C
Approach Delay (s)		41.2			52.5			30.6			28.5	
Approach LOS		D			D			C			C	

Intersection Summary			
HCM Average Control Delay	35.5	HCM Level of Service	D
HCM Volume to Capacity ratio	0.68		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	68.8%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.94	0.91	1.00	0.94	0.91	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3433	5085	1583	4990	5085	1583	4990	5085	1583	3433	5085	1583
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3433	5085	1583	4990	5085	1583	4990	5085	1583	3433	5085	1583
Volume (vph)	16	2068	569	596	1530	42	211	15	338	17	14	15
Peak-hour factor, PHF	0.96	0.96	0.96	0.95	0.95	0.95	0.92	0.92	0.92	0.80	0.80	0.80
Adj. Flow (vph)	17	2154	593	627	1611	44	229	16	367	21	18	19
RTOR Reduction (vph)	0	0	22	0	0	17	0	0	37	0	0	9
Lane Group Flow (vph)	17	2154	571	627	1611	27	229	16	330	21	18	10
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Turn Type	Prot		Perm	Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6			8			4
Actuated Green, G (s)	2.4	52.8	52.8	9.8	60.2	60.2	7.5	30.0	30.0	2.4	24.9	24.9
Effective Green, g (s)	4.7	55.1	55.1	12.1	62.5	62.5	9.7	32.2	32.2	4.6	27.1	27.1
Actuated g/C Ratio	0.04	0.46	0.46	0.10	0.52	0.52	0.08	0.27	0.27	0.04	0.23	0.23
Clearance Time (s)	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	134	2335	727	503	2648	824	403	1364	425	132	1148	357
v/s Ratio Prot	0.00	c0.42		c0.13	0.32		c0.05	0.00		0.01	0.00	
v/s Ratio Perm			0.37			0.03			0.23			0.01
v/c Ratio	0.13	0.92	0.79	1.25	0.61	0.03	0.57	0.01	0.78	0.16	0.02	0.03
Uniform Delay, d1	55.7	30.4	27.5	54.0	20.2	14.0	53.1	32.2	40.6	55.8	36.1	36.2
Progression Factor	0.87	1.72	1.74	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.0	0.8	0.8	126.8	1.0	0.1	1.8	0.0	8.7	0.6	0.0	0.0
Delay (s)	48.6	53.1	48.6	180.7	21.2	14.1	55.0	32.2	49.3	56.4	36.1	36.2
Level of Service	D	D	D	F	C	B	D	C	D	E	D	D
Approach Delay (s)		52.1			64.9			51.0			43.5	
Approach LOS		D			E			D			D	

Intersection Summary			
HCM Average Control Delay	57.0	HCM Level of Service	E
HCM Volume to Capacity ratio	0.93		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	75.9%	ICU Level of Service	D
Analysis Period (min)	15		

c Critical Lane Group

Movement	WBL	WBR	WBR2	NBL	NBT	NBR	SBL	SBT	SBR	SEL2	SEL	SER
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00		0.97	0.91		1.00	0.91	1.00	0.95	0.95	0.88
Frt	1.00	0.85		1.00	0.99		1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	0.95	1.00
Satd. Flow (prot)	1752	1557		3433	5024		1770	4988	1583	1681	1649	2787
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	0.95	1.00
Satd. Flow (perm)	1752	1557		3433	5024		1770	4988	1583	1681	1649	2787
Volume (vph)	39	32	13	1057	1089	96	74	720	382	547	132	730
Peak-hour factor, PHF	0.84	0.84	0.84	0.95	0.95	0.95	0.93	0.93	0.93	0.94	0.94	0.94
Adj. Flow (vph)	46	38	15	1113	1146	101	80	774	411	582	140	777
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	26	0	0	53
Lane Group Flow (vph)	46	53	0	1113	1247	0	80	774	385	370	352	724
Heavy Vehicles (%)	3%	2%	8%	2%	2%	2%	2%	4%	2%	2%	7%	2%
Turn Type	Split			Prot			Prot		Perm	Split		pm+ov
Protected Phases	3	3		5	2		1	6		4	4	5
Permitted Phases									6			4
Actuated Green, G (s)	4.8	4.8		37.8	61.5		7.3	31.0	31.0	28.1	28.1	65.9
Effective Green, g (s)	4.8	4.8		37.8	62.5		7.3	32.0	32.0	29.4	29.4	67.2
Actuated g/C Ratio	0.04	0.04		0.31	0.52		0.06	0.27	0.27	0.24	0.24	0.56
Clearance Time (s)	4.0	4.0		4.0	5.0		4.0	5.0	5.0	5.3	5.3	4.0
Vehicle Extension (s)	1.5	1.5		1.0	2.0		1.0	2.0	2.0	2.0	2.0	1.0
Lane Grp Cap (vph)	70	62		1081	2617		108	1330	422	412	404	1654
v/s Ratio Prot	0.03	c0.03		c0.32	0.25		0.05	0.16		c0.22	0.21	0.15
v/s Ratio Perm									0.26			0.13
v/c Ratio	0.66	0.85		1.03	0.48		0.74	0.58	0.91	0.90	0.87	0.44
Uniform Delay, d1	56.8	57.3		41.1	18.3		55.4	38.2	42.7	43.8	43.5	15.4
Progression Factor	1.00	1.00		0.55	0.32		1.00	0.19	0.18	1.00	1.00	1.00
Incremental Delay, d2	15.7	63.4		30.8	0.4		18.6	1.6	24.1	21.1	17.7	0.1
Delay (s)	72.4	120.6		53.5	6.3		74.0	8.9	31.6	65.0	61.2	15.5
Level of Service	E	F		D	A		E	A	C	E	E	B
Approach Delay (s)	98.2				28.5			20.4			38.4	
Approach LOS	F				C			C			D	

Intersection Summary			
HCM Average Control Delay	30.7	HCM Level of Service	C
HCM Volume to Capacity ratio	0.97		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	79.5%	ICU Level of Service	D
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91		0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	0.99		1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3433	4958		3273	4759	1583	3400	5028		3303	4893	1495
Flt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3433	4958		3273	4759	1583	3400	5028		3303	4893	1495
Volume (vph)	550	1162	125	130	1000	403	235	1190	86	393	626	393
Peak-hour factor, PHF	0.95	0.95	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	579	1223	132	138	1064	429	250	1266	91	418	666	418
RTOR Reduction (vph)	0	0	0	0	0	38	0	0	0	0	0	29
Lane Group Flow (vph)	579	1355	0	138	1064	391	250	1357	0	418	666	389
Heavy Vehicles (%)	2%	3%	4%	7%	9%	2%	3%	2%	4%	6%	6%	8%
Turn Type	Prot			Prot		Perm	Prot			Prot		Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases						8						6
Actuated Green, G (s)	15.0	48.7		9.0	42.7	42.7	11.0	31.7		12.0	32.7	32.7
Effective Green, g (s)	15.0	50.0		9.0	44.0	44.0	11.0	33.0		12.0	34.0	34.0
Actuated g/C Ratio	0.12	0.42		0.08	0.37	0.37	0.09	0.28		0.10	0.28	0.28
Clearance Time (s)	4.0	5.3		4.0	5.3	5.3	4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	0.5	2.0		0.5	2.0	2.0	0.5	2.0		0.5	2.0	2.0
Lane Grp Cap (vph)	429	2066		245	1745	580	312	1383		330	1386	424
v/s Ratio Prot	c0.17	0.27		0.04	0.22		0.07	0.27		c0.13	0.14	
v/s Ratio Perm						0.27						0.28
v/c Ratio	1.35	0.66		0.56	0.61	0.67	0.80	0.98		1.27	0.48	0.92
Uniform Delay, d1	52.5	28.1		53.6	31.0	32.0	53.4	43.2		54.0	35.7	41.7
Progression Factor	1.00	1.00		0.58	0.70	0.65	1.00	1.00		0.82	0.81	0.75
Incremental Delay, d2	172.1	1.6		0.9	0.8	3.0	13.0	20.1		139.9	1.1	25.3
Delay (s)	224.6	29.7		31.9	22.3	23.7	66.4	63.3		183.9	29.8	56.4
Level of Service	F	C		C	C	C	E	E		F	C	E
Approach Delay (s)		88.1			23.5			63.8			80.1	
Approach LOS		F			C			E			F	

Intersection Summary			
HCM Average Control Delay	64.7	HCM Level of Service	E
HCM Volume to Capacity ratio	0.94		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	84.5%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
44: Empire & Truxtun Ave 7/23/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	1.00		0.95	0.95	
Frt	1.00	1.00		1.00	0.99		1.00	0.86		1.00	0.89	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	0.99	
Satd. Flow (prot)	1770	5081		1770	5047		1770	1593		1681	1564	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	0.99	
Satd. Flow (perm)	1770	5081		1770	5047		1770	1593		1681	1564	
Volume (vph)	122	2081	11	40	1493	80	28	3	91	46	3	26
Peak-hour factor, PHF	0.95	0.95	0.95	0.94	0.94	0.94	0.84	0.84	0.84	0.84	0.84	0.84
Adj. Flow (vph)	128	2191	12	43	1588	85	33	4	108	55	4	31
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	128	2203	0	43	1673	0	33	112	0	47	43	0
Turn Type	Prot			Prot			Split			Split		
Protected Phases	7	4		3	8		2	2		6	6	
Permitted Phases												
Actuated Green, G (s)	12.4	53.9		4.6	46.1		19.5	19.5		16.0	16.0	
Effective Green, g (s)	12.4	53.9		4.6	46.1		19.5	19.5		16.0	16.0	
Actuated g/C Ratio	0.11	0.49		0.04	0.42		0.18	0.18		0.15	0.15	
Clearance Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	200	2490		74	2115		314	282		245	227	
v/s Ratio Prot	0.07	c0.43		0.02	c0.33		0.02	c0.07		c0.03	0.03	
v/s Ratio Perm												
v/c Ratio	0.64	0.88		0.58	0.79		0.11	0.40		0.19	0.19	
Uniform Delay, d1	46.7	25.3		51.8	27.8		37.9	40.0		41.3	41.3	
Progression Factor	1.00	1.00		1.07	1.19		1.00	1.00		1.00	1.00	
Incremental Delay, d2	6.8	4.2		3.2	0.6		0.7	4.1		1.7	1.8	
Delay (s)	53.5	29.4		58.3	33.5		38.6	44.2		43.1	43.1	
Level of Service	D	C		E	C		D	D		D	D	
Approach Delay (s)		30.7			34.2			42.9			43.1	
Approach LOS		C			C			D			D	

Intersection Summary

HCM Average Control Delay	32.8	HCM Level of Service	C
HCM Volume to Capacity ratio	0.65		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	62.6%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0			4.0	4.0		4.0	
Lane Util. Factor	1.00	0.95		1.00	0.95			1.00	1.00		1.00	
Frt	1.00	0.99		1.00	0.99			1.00	0.85		0.98	
Flt Protected	0.95	1.00		0.95	1.00			0.96	1.00		0.98	
Satd. Flow (prot)	1770	3423		1770	3386			1782	1568		1779	
Flt Permitted	0.95	1.00		0.95	1.00			0.96	1.00		0.98	
Satd. Flow (perm)	1770	3423		1770	3386			1782	1568		1779	
Volume (vph)	18	1433	53	171	1528	81	87	29	171	77	71	23
Peak-hour factor, PHF	0.94	0.94	0.94	0.95	0.95	0.95	0.90	0.90	0.90	0.88	0.88	0.88
Adj. Flow (vph)	19	1524	56	180	1608	85	97	32	190	88	81	26
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	17	0	0	0
Lane Group Flow (vph)	19	1580	0	180	1693	0	0	129	173	0	195	0
Heavy Vehicles (%)	2%	5%	2%	2%	6%	2%	3%	2%	3%	3%	2%	3%
Turn Type	Prot			Prot			Split		Perm	Split		
Protected Phases	5	2		1	6		3	3		4	4	
Permitted Phases									3			
Actuated Green, G (s)	1.8	59.2		13.9	71.3			16.1	16.1		15.8	
Effective Green, g (s)	1.3	59.7		13.4	71.8			15.6	15.6		15.3	
Actuated g/C Ratio	0.01	0.50		0.11	0.60			0.13	0.13		0.13	
Clearance Time (s)	3.5	4.5		3.5	4.5			3.5	3.5		3.5	
Vehicle Extension (s)	3.0	3.0		3.0	3.0			3.0	3.0		3.0	
Lane Grp Cap (vph)	19	1703		198	2026			232	204		227	
v/s Ratio Prot	0.01	c0.46		c0.10	0.50			0.07			c0.11	
v/s Ratio Perm									0.12			
v/c Ratio	1.00	0.93		0.91	0.84			0.56	0.85		0.86	
Uniform Delay, d1	59.4	28.1		52.7	19.4			49.0	51.0		51.3	
Progression Factor	1.11	1.10		1.00	1.00			1.00	1.00		1.00	
Incremental Delay, d2	181.2	8.3		39.1	4.3			2.9	26.2		26.0	
Delay (s)	247.4	39.2		91.8	23.6			51.8	77.2		77.3	
Level of Service	F	D		F	C			D	E		E	
Approach Delay (s)		41.6			30.2			66.9			77.3	
Approach LOS		D			C			E			E	

Intersection Summary			
HCM Average Control Delay	40.0	HCM Level of Service	D
HCM Volume to Capacity ratio	0.92		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	76.8%	ICU Level of Service	D
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	0.97	0.91		0.97	0.91		0.97	0.91	1.00	0.97	0.91	
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	0.99	1.00	1.00	
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.99		1.00	0.98		1.00	1.00	0.85	1.00	0.96	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	3433	5013		3433	4976		3433	5085	1560	3433	4854	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	3433	5013		3433	4976		3433	5085	1560	3433	4854	
Volume (vph)	668	1582	149	115	1050	159	299	1493	90	83	643	247
Peak-hour factor, PHF	0.95	0.95	0.95	0.94	0.94	0.94	0.95	0.95	0.95	0.93	0.93	0.93
Adj. Flow (vph)	703	1665	157	122	1117	169	315	1572	95	89	691	266
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	10	0	0	0
Lane Group Flow (vph)	703	1822	0	122	1286	0	315	1572	85	89	957	0
Confl. Peds. (#/hr)			2			2			2			2
Turn Type	Prot			Prot			Prot		Perm	Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases									8			
Actuated Green, G (s)	21.1	42.8		6.0	27.7		10.0	31.9	31.9	4.7	26.6	
Effective Green, g (s)	21.1	44.1		6.0	29.0		10.0	33.2	33.2	4.7	27.9	
Actuated g/C Ratio	0.20	0.42		0.06	0.28		0.10	0.32	0.32	0.05	0.27	
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3	5.3	4.0	5.3	
Vehicle Extension (s)	0.5	2.0		0.5	2.0		0.5	2.0	2.0	0.5	2.0	
Lane Grp Cap (vph)	697	2126		198	1388		330	1623	498	155	1302	
v/s Ratio Prot	c0.20	0.36		0.04	c0.26		c0.09	c0.31		0.03	0.20	
v/s Ratio Perm									0.06			
v/c Ratio	1.01	0.86		0.62	0.93		0.95	0.97	0.17	0.57	0.74	
Uniform Delay, d1	41.5	27.1		47.9	36.5		46.8	34.9	25.5	48.7	34.7	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	36.2	4.7		4.0	12.0		37.1	15.3	0.1	3.2	1.9	
Delay (s)	77.7	31.8		51.8	48.5		83.8	50.1	25.5	51.8	36.6	
Level of Service	E	C		D	D		F	D	C	D	D	
Approach Delay (s)		44.6			48.8			54.3			37.9	
Approach LOS		D			D			D			D	

Intersection Summary			
HCM Average Control Delay	47.2	HCM Level of Service	D
HCM Volume to Capacity ratio	0.95		
Actuated Cycle Length (s)	104.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	90.1%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	*0.90		0.97	0.91	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00	0.99	1.00	1.00	0.99	1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	0.99		1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3367	4807		3400	4848	1561	2968	3505	1546	3242	3374	1487
Flt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3367	4807		3400	4848	1561	2968	3505	1546	3242	3374	1487
Volume (vph)	111	1641	92	381	1266	176	73	231	447	280	212	87
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.93	0.93	0.93	0.92	0.92	0.92
Adj. Flow (vph)	117	1727	97	401	1333	185	78	248	481	304	230	95
RTOR Reduction (vph)	0	0	0	0	0	38	0	0	81	0	0	8
Lane Group Flow (vph)	117	1824	0	401	1333	147	78	248	400	304	230	87
Confl. Peds. (#/hr)			2			2			2			2
Heavy Vehicles (%)	4%	6%	2%	3%	7%	2%	18%	3%	3%	8%	7%	7%
Turn Type	Prot			Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases						6			8			4
Actuated Green, G (s)	8.0	40.5		11.0	43.5	43.5	21.3	29.7	29.7	9.8	18.2	18.2
Effective Green, g (s)	8.0	42.2		11.0	45.2	45.2	21.3	31.0	31.0	9.8	19.5	19.5
Actuated g/C Ratio	0.07	0.38		0.10	0.41	0.41	0.19	0.28	0.28	0.09	0.18	0.18
Clearance Time (s)	4.0	5.7		4.0	5.7	5.7	4.0	5.3	5.3	4.0	5.3	5.3
Vehicle Extension (s)	1.0	2.0		1.0	2.0	2.0	1.0	2.0	2.0	1.0	2.0	2.0
Lane Grp Cap (vph)	245	1844		340	1992	641	575	988	436	289	598	264
v/s Ratio Prot	0.03	c0.38		c0.12	0.27		0.03	0.07		c0.09	0.07	
v/s Ratio Perm						0.12			0.31			0:06
v/c Ratio	0.48	0.99		1.18	0.67	0.23	0.14	0.25	0.92	1.05	0.38	0.33
Uniform Delay, d1	49.0	33.7		49.5	26.3	21.1	36.7	30.5	38.3	50.1	40.0	39.5
Progression Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.5	18.5		107.0	1.8	0.8	0.0	0.0	23.5	67.2	0.2	0.3
Delay (s)	49.5	52.2		156.5	28.1	21.9	36.8	30.6	61.7	117.3	40.1	39.8
Level of Service	D	D		F	C	C	D	C	E	F	D	D
Approach Delay (s)		52.1			54.4			49.7			77.4	
Approach LOS		D			D			D			E	

Intersection Summary			
HCM Average Control Delay	55.5	HCM Level of Service	E
HCM Volume to Capacity ratio	1.06		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	93.9%	ICU Level of Service	F
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0					4.0		4.0
Lane Util. Factor		0.86	1.00		0.91					0.97		0.88
Frpb, ped/bikes		1.00	1.00		1.00					1.00		1.00
Flpb, ped/bikes		1.00	1.00		1.00					1.00		1.00
Frt		1.00	0.85		0.97					1.00		0.85
Flt Protected		1.00	1.00		1.00					0.95		1.00
Satd. Flow (prot)		6225	1509		4641					3433		2707
Flt Permitted		1.00	1.00		1.00					0.95		1.00
Satd. Flow (perm)		6225	1509		4641					3433		2707
Volume (vph)	0	2019	350	0	794	180	0	0	0	336	0	1029
Peak-hour factor, PHF	0.95	0.95	0.95	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94
Adj. Flow (vph)	0	2125	368	0	854	194	0	0	0	357	0	1095
RTOR Reduction (vph)	0	0	136	0	39	0	0	0	0	0	0	69
Lane Group Flow (vph)	0	2125	232	0	1009	0	0	0	0	357	0	1026
Confl. Peds. (#/hr)						2						
Heavy Vehicles (%)	2%	5%	7%	2%	8%	9%	2%	2%	2%	2%	2%	5%
Turn Type			Perm							custom		custom
Protected Phases		2			6					4		
Permitted Phases			2							4		4
Actuated Green, G (s)		35.9	35.9		35.9					37.5		37.5
Effective Green, g (s)		38.2	38.2		38.2					39.1		39.1
Actuated g/C Ratio		0.45	0.45		0.45					0.46		0.46
Clearance Time (s)		6.3	6.3		6.3					5.6		5.6
Vehicle Extension (s)		4.3	4.3		4.9					3.4		3.4
Lane Grp Cap (vph)		2788	676		2078					1574		1241
v/s Ratio Prot		c0.34			0.23					0.10		
v/s Ratio Perm			0.24									0.40
v/c Ratio		0.76	0.34		0.49					0.23		0.83
Uniform Delay, d1		19.7	15.4		16.6					14.0		20.1
Progression Factor		1.00	1.00		1.00					1.00		1.00
Incremental Delay, d2		1.4	0.5		0.4					0.1		4.7
Delay (s)		21.1	15.8		17.0					14.0		24.9
Level of Service		C	B		B					B		C
Approach Delay (s)		20.4			17.0			0.0			22.2	
Approach LOS		C			B			A			C	

Intersection Summary			
HCM Average Control Delay	20.2	HCM Level of Service	C
HCM Volume to Capacity ratio	0.82		
Actuated Cycle Length (s)	85.3	Sum of lost time (s)	8.0
Intersection Capacity Utilization	62.1%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0	4.0	4.0		4.0			
Lane Util. Factor		0.86	0.86		0.91	1.00	1.00		1.00			
Frpb, ped/bikes		1.00	1.00		1.00	0.98	1.00		1.00			
Flpb, ped/bikes		1.00	1.00		1.00	1.00	1.00		1.00			
Frt		0.93	0.85		1.00	0.85	1.00		0.85			
Flt Protected		1.00	1.00		1.00	1.00	0.95		1.00			
Satd. Flow (prot)		4260	1286		4848	1492	1703		1455			
Flt Permitted		1.00	1.00		1.00	1.00	0.95		1.00			
Satd. Flow (perm)		4260	1286		4848	1492	1703		1455			
Volume (vph)	0	765	1590	0	571	690	403	0	277	0	0	0
Peak-hour factor, PHF	0.95	0.95	0.95	0.94	0.94	0.94	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	805	1674	0	607	734	438	0	301	0	0	0
RTOR Reduction (vph)	0	245	0	0	0	0	0	0	17	0	0	0
Lane Group Flow (vph)	0	1275	959	0	607	734	438	0	284	0	0	0
Confl. Peds. (#/hr)						2						
Heavy Vehicles (%)	2%	6%	8%	2%	7%	6%	6%	2%	11%	2%	2%	2%
Turn Type			Free			Free	Prot		custom			
Protected Phases		2			6		8					
Permitted Phases			Free			Free			8			
Actuated Green, G (s)		22.4	53.9		22.4	53.9	21.4		21.4			
Effective Green, g (s)		23.3	53.9		23.3	53.9	22.6		22.6			
Actuated g/C Ratio		0.43	1.00		0.43	1.00	0.42		0.42			
Clearance Time (s)		4.9			4.9		5.2		5.2			
Vehicle Extension (s)		5.7			5.7		5.3		5.3			
Lane Grp Cap (vph)		1842	1286		2096	1492	714		610			
v/s Ratio Prot		0.36			0.13		0.26					
v/s Ratio Perm			0.75			0.49			0.21			
v/c Ratio		0.69	0.75		0.29	0.49	0.61		0.46			
Uniform Delay, d1		12.4	0.0		9.9	0.0	12.2		11.3			
Progression Factor		1.00	1.00		1.00	1.00	1.00		1.00			
Incremental Delay, d2		1.6	4.0		0.2	1.2	2.4		1.3			
Delay (s)		14.0	4.0		10.1	1.2	14.6		12.6			
Level of Service		B	A		B	A	B		B			
Approach Delay (s)		10.1			5.2			13.8			0.0	
Approach LOS		B			A			B			A	

Intersection Summary			
HCM Average Control Delay	9.3	HCM Level of Service	A
HCM Volume to Capacity ratio	0.75		
Actuated Cycle Length (s)	53.9	Sum of lost time (s)	0.0
Intersection Capacity Utilization	55.7%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	0.95	1.00	1.00	0.95	
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	0.98	1.00	0.99	
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.97		1.00	0.99		1.00	1.00	0.85	1.00	0.91	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1736	4714		1752	4783		1752	3471	1389	1736	3130	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	1736	4714		1752	4783		1752	3471	1389	1736	3130	
Volume (vph)	153	729	182	46	782	50	316	183	28	53	104	146
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.90	0.90	0.90
Adj. Flow (vph)	165	784	196	49	841	54	343	199	30	59	116	162
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	3	0	0	0
Lane Group Flow (vph)	165	980	0	49	895	0	343	199	27	59	278	0
Confl. Peds. (#/hr)			2			3			5			3
Heavy Vehicles (%)	4%	7%	4%	3%	7%	13%	3%	4%	14%	4%	6%	3%
Turn Type	Prot			Prot			Prot		Perm	Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases									8			
Actuated Green, G (s)	11.0	46.7		5.6	41.3		24.4	33.0	33.0	6.1	14.7	
Effective Green, g (s)	11.0	48.0		5.6	42.6		24.4	34.3	34.3	6.1	16.0	
Actuated g/C Ratio	0.10	0.44		0.05	0.39		0.22	0.31	0.31	0.06	0.15	
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3	5.3	4.0	5.3	
Vehicle Extension (s)	1.0	2.0		1.0	2.0		1.0	2.0	2.0	1.0	2.0	
Lane Grp Cap (vph)	174	2057		89	1852		389	1082	433	96	455	
v/s Ratio Prot	c0.10	c0.21		0.03	c0.19		c0.20	0.06		0.03	c0.09	
v/s Ratio Perm									0.02			
v/c Ratio	0.95	0.48		0.55	0.48		0.88	0.18	0.06	0.61	0.61	
Uniform Delay, d1	49.2	22.1		51.0	25.4		41.4	27.6	26.6	50.8	44.1	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	52.2	0.8		4.1	0.9		19.7	0.0	0.0	7.9	1.7	
Delay (s)	101.4	22.9		55.1	26.3		61.1	27.7	26.6	58.7	45.8	
Level of Service	F	C		E	C		E	C	C	E	D	
Approach Delay (s)		34.2			27.8			47.7			48.1	
Approach LOS		C			C			D			D	

Intersection Summary			
HCM Average Control Delay	36.3	HCM Level of Service	D
HCM Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	66.5%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
69: Ming Avenue & H Street

7/23/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	1.00	0.95		1.00	0.95		1.00	0.95		1.00	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.99		1.00	0.98		1.00	0.98		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	3334		1736	3213		1703	3424		1770	3471	1501
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1770	3334		1736	3213		1703	3424		1770	3471	1501
Volume (vph)	149	573	35	127	384	55	52	642	87	46	411	103
Peak-hour factor, PHF	0.93	0.93	0.93	0.92	0.92	0.92	0.93	0.93	0.93	0.92	0.92	0.92
Adj. Flow (vph)	160	616	38	138	417	60	56	690	94	50	447	112
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	9
Lane Group Flow (vph)	160	654	0	138	477	0	56	784	0	50	447	103
Confl. Peds. (#/hr)			2			3			2			2
Heavy Vehicles (%)	2%	7%	11%	4%	10%	10%	6%	3%	6%	2%	4%	6%
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases		4										6
Actuated Green, G (s)	11.0	22.4		9.9	21.3		6.2	35.5		3.6	32.9	32.9
Effective Green, g (s)	11.0	23.7		9.9	22.6		6.2	36.8		3.6	34.2	34.2
Actuated g/C Ratio	0.12	0.26		0.11	0.25		0.07	0.41		0.04	0.38	0.38
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	1.0	4.0		1.0	4.0		1.0	4.0		1.0	4.0	4.0
Lane Grp Cap (vph)	216	878		191	807		117	1400		71	1319	570
v/s Ratio Prot	c0.09	c0.20		0.08	0.15		c0.03	c0.23		0.03	0.13	
v/s Ratio Perm												0.07
v/c Ratio	0.74	0.74		0.72	0.59		0.48	0.56		0.70	0.34	0.18
Uniform Delay, d1	38.1	30.4		38.7	29.6		40.3	20.4		42.7	19.9	18.6
Progression Factor	1.00	1.00		1.15	1.06		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	11.3	3.7		9.6	1.2		1.1	1.6		22.7	0.7	0.7
Delay (s)	49.4	34.1		54.0	32.5		41.5	22.0		65.4	20.6	19.3
Level of Service	D	C		D	C		D	C		E	C	B
Approach Delay (s)		37.1			37.3			23.3			24.0	
Approach LOS		D			D			C			C	

Intersection Summary			
HCM Average Control Delay	30.3	HCM Level of Service	C
HCM Volume to Capacity ratio	0.62		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	62.9%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
73: Ming Avenue & Chester Avenue

7/23/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	1.00	0.95		1.00	0.95		1.00	0.95		1.00	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.97		1.00	0.98		1.00	0.99		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1736	3226		1719	3150		1626	3385		1736	3471	1474
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1736	3226		1719	3150		1626	3385		1736	3471	1474
Volume (vph)	188	403	102	66	312	49	123	537	35	28	390	147
Peak-hour factor, PHF	0.92	0.92	0.92	0.90	0.90	0.90	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	204	438	111	73	347	54	134	584	38	30	424	160
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	15
Lane Group Flow (vph)	204	549	0	73	401	0	134	622	0	30	424	145
Confl. Peds. (#/hr)			2			5			4			2
Heavy Vehicles (%)	4%	7%	13%	5%	13%	6%	11%	5%	14%	4%	4%	8%
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases					6							4
Actuated Green, G (s)	10.2	39.5		6.2	35.5		6.0	22.2		3.9	20.1	20.1
Effective Green, g (s)	10.2	40.4		6.2	36.4		6.0	23.5		3.9	21.4	21.4
Actuated g/C Ratio	0.11	0.45		0.07	0.40		0.07	0.26		0.04	0.24	0.24
Clearance Time (s)	4.0	4.9		4.0	4.9		4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	1.0	2.0		1.0	2.0		1.0	2.0		1.0	2.0	2.0
Lane Grp Cap (vph)	197	1448		118	1274		108	884		75	825	350
v/s Ratio Prot	c0.12	c0.17		0.04	0.13		c0.08	c0.18		0.02	c0.12	
v/s Ratio Perm												0.11
v/c Ratio	1.04	0.38		0.62	0.31		1.24	0.70		0.40	0.51	0.41
Uniform Delay, d1	39.9	16.5		40.8	18.3		42.0	30.1		41.9	29.8	29.0
Progression Factor	0.91	0.43		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	65.1	0.6		6.6	0.6		164.8	2.1		1.3	0.2	0.3
Delay (s)	101.4	7.6		47.4	18.9		206.8	32.2		43.2	30.0	29.3
Level of Service	F	A		D	B		F	C		D	C	C
Approach Delay (s)		33.0			23.3			63.1			30.5	
Approach LOS		C			C			E			C	

Intersection Summary			
HCM Average Control Delay	39.4	HCM Level of Service	D
HCM Volume to Capacity ratio	0.60		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	72.0%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

2018 NO-BUILD

PM Peak

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served In Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
1. I-5 SB Ramps @ Stockdale Hwy						
SB - I-5 SB Off ramp - STOP Control	331	299	90%	7.3	A	
EB - Stockdale Hwy	129	128	99%	0.0	A	A
WB - Stockdale Hwy	52	54	104%	0.1	A	
Intersection Total	***512***	***481***	***94%***			
2. I-5 NB Ramps @ Stockdale Hwy						
NB - I-5 NB Off Ramp - STOP Control	52	50	100%	8.4	A	
EB - Stockdale Hwy	447	414	93%	0.0	A	A
WB - Stockdale Hwy	244	230	94%	0.0	A	
Intersection Total	***743***	***714***	***96%***			
4. Enos Ln @ Stockdale Hwy						
NB - Enos Ln	545	543	100%	29.4	C	
SB - Enos Ln	233	233	100%	60.0	E	D
EB - Stockdale Hwy	487	470	97%	34.6	C	
WB - Stockdale Hwy	449	452	101%	41.4	D	
Intersection Total	***1,714***	***1,698***	***99%***	***39.2***		
5. SR- 43 @ I-5 NB Ramps						
NB - SR- 43	717	709	99%	0.2	A	
SB - SR-43	466	465	100%	0.0	A	A
WB - I-5 NB Off Ramp - STOP Control	75	70	93%	11.5	A	
Intersection Total	***1,258***	***1,244***	***99%***			
6. SR-43 @ I-5 SB Ramps						
NB - SR- 43	585	586	100%	0.0	A	
SB - SR-43	445	432	97%	1.0	A	A
EB - I-5 SB Ramp - STOP Control	165	155	94%	16.1	C	
Intersection Total	***1,195***	***1,173***	***98%***			
7. Nord Rd @ Stockdale Hwy						
NB - Nord Rd	86	85	99%	15.4	B	
SB - Nord Rd	89	90	101%	33.6	C	C
EB - Stockdale Hwy	785	738	94%	29.0	C	
WB - Stockdale Hwy	668	640	96%	19.2	B	
Intersection Total	***1,628***	***1,553***	***95%***	***28.6***		
9. Heath Rd @ Stockdale Rd						
NB - Heath Rd	76	75	99%	24.0	C	
SB - Heath Rd	246	244	99%	68.3	E	C
EB - Stockdale Hwy	974	922	95%	22.8	C	
WB - Stockdale Hwy	971	984	101%	6.2	A	
Intersection Total	***2,267***	***2,225***	***98%***	***20.5***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
10. WSP @ Stockdale Off/ On						
NB - Stockdale Hwy	256	258	101%	26.6	C	
EB - Stockdale Hwy	1,193	1,151	96%	3.3	A	A
WB - WSP	865	873	101%	4.6	A	
Intersection Total	*2,314*	*2,282*	*99%*	*6.4*		
14. Allen Rd @ Brihmall Rd						
NB - Allen Rd	1,631	1,504	92%	29.9	C	
SB - Allen Rd	1,247	1,251	100%	36.6	D	C
EB - Brihmall Rd	352	349	99%	17.6	B	
WB - Brihmall Rd	436	434	100%	24.3	C	
Intersection Total	*3,666*	*3,538*	*97%*	*30.4*		
15. Allen Rd @ WSP WB Ramps						
NB - Allen Rd	496	476	96%	46.1	D	
SB - Allen Rd	1,329	1,345	101%	36.2	D	C
WB - Off Ramp/On Ramp WSP WB	1,565	1,431	91%	7.0	A	
Intersection Total	*3,390*	*3,252*	*96%*	*24.8*		
16. Allen Rd @ WSP EB Ramps						
NB - Allen Rd	776	754	97%	5.1	A	
SB - Allen Rd	1,689	1,657	98%	3.3	A	A
EB - WSP EB off Ramp	85	83	98%	39.7	D	
Intersection Total	*2,550*	*2,494*	*98%*	*5.1*		
18. Allen Rd @ Stockdale Hwy						
NB - Allen Rd	289	290	100%	24.3	C	
SB - Allen Rd	816	758	93%	30.2	C	C
EB - Stockdale Hwy	745	744	100%	34.7	C	
WB - Stockdale Hwy	945	946	100%	22.0	C	
Intersection Total	*2,795*	*2,738*	*98%*	*28.0*		
20. Calloway Dr @ Brimhall Rd						
NB - Calloway Dr	1,676	1,624	97%	29.6	C	
SB - Calloway Dr	1,272	1,270	100%	25.2	C	C
EB - Brimhall Rd	629	632	100%	16.4	B	
WB - Brimhall Rd	1,099	1,093	99%	25.4	C	
Intersection Total	*4,676*	*4,619*	*99%*	*29.2*		
21. Calloway Dr @ WSP WB Ramps						
NB - Calloway Dr	1,474	1,483	101%	10.2	B	
SB - Calloway Dr	1,412	1,415	100%	6.9	A	A
EB - WSP WB on Ramp	1,105	946	86%	10.3	B	
WB - WSP WB Off Ramp	505	459	91%	5.5	A	
Intersection Total	*4,496*	*4,303*	*96%*	*8.6*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
22. Calloway Dr @ WSP EB Ramps						
NB - Calloway Dr	1,368	1,374	100%	6.2	A	
SB - Calloway Dr	1,930	1,793	93%	8.5	A	A
EB - WSP EB off Ramp	435	405	93%	10.5	B	
Intersection Total	*3,733*	*3,572*	*96%*	*7.8*		
23. Calloway Dr @ Stockdale Hwy						
NB - Calloway Dr	1,802	1,798	100%	38.4	D	
SB - Calloway Dr	2,259	2,088	92%	35.9	D	C
EB - Stockdale Hwy	1,157	1,147	99%	32.1	C	
WB - Stockdale Hwy	1,158	1,159	100%	22.1	C	
Intersection Total	*6,376*	*6,192*	*97%*	*34.1*		
25. Coffee Rd @ Brimhall Rd						
NB - Coffee Rd	1,606	1,650	103%	30.7	C	
SB - Coffee Rd	1,989	1,965	99%	35.8	D	C
EB - Brimhall Rd	809	815	101%	25.6	C	
WB - Brimhall Rd	1,285	1,201	93%	40.7	D	
Intersection Total	*5,689*	*5,631*	*99%*	*33.9*		
27. Coffee Rd @ WSP EB Ramp						
NB - Coffee Rd	1,516	2,016	133%	14.0	B	
SB - Coffee Rd	2,137	2,195	103%	13.3	B	B
EB - WSP EB off Ramp	880	837	95%	12.1	B	
Intersection Total	*4,533*	*5,048*	*111%*	*13.4*		
28. Coffee Rd @ Truxtun Ave						
NB - Coffee Rd	2,179	2,174	100%	21.8	C	
SB - Coffee Rd	2,222	2,270	102%	13.9	B	B
WB - Truxtun Ave	518	516	100%	21.4	C	
Intersection Total	*4,919*	*4,960*	*101%*	*18.1*		
32. Mohawk St @ WSP EB Ramps						
NB - Mohawk St	1,426	1,395	98%	23.7	C	
SB - Mohawk St	322	313	97%	15.1	B	B
EB - WSP EB off Ramp	1,335	1,335	100%	4.3	A	
Intersection Total	*3,083*	*3,043*	*99%*	*14.3*		
33. Mohawk St @ Truxtun Ave						
NB - Mohawk St	1,602	1,600	100%	27.0	C	
SB - Mohawk St	1,474	1,455	99%	27.5	C	C
EB - Truxtun Ave	718	716	100%	17.6	B	
WB - Truxtun Ave	899	816	91%	21.2	C	
Intersection Total	*4,693*	*4,587*	*98%*	*24.7*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
36. Airport Dr & State Rd/SR204 WB Ramp						
NB - Airport Dr	1,818	1,831	101%	18.9	B	C
SB - Airport Dr	1,482	1,480	100%	20.5	C	
EB - State Rd	232	229	99%	16.9	B	
WB - SR204 WB Off Ramp	1,122	1,262	112%	32.7	C	
Intersection Total	*4,654*	*4,802*	*103%*	*22.9*		
37. Buck Owens Blvd & SR99 NB Ramp						
NB - SR99 NB Off Ramp	1,345	1,328	99%	8.6	A	B
WB - Buck Owens Blvd	865	879	102%	15.5	B	
Intersection Total	*2,210*	*2,207*	*100%*	*11.3*		
38. Rio Mirada Dr & Buck Owens Blvd						
NB - Buck Owens Blvd	746	753	101%	33.5	C	C
SB - Buck Owens Blvd	60	15	25%	24.8	C	
EB - Rio Mirada Dr	500	507	101%	14.4	B	
WB - Rio Mirada Dr	343	341	99%	18.7	B	
Intersection Total	*1,649*	*1,616*	*98%*	*24.3*		
39. SR99 NB Ramps/Sillect Ave & Buck Owens Blvd						
NB - Buck Owens Blvd	1,162	1,059	91%	30.7	C	D
SB - Buck Owens Blvd	608	593	98%	46.9	D	
EB - SR99 NB Off Ramp	400	418	105%	34.9	C	
WB - Sillect Ave	670	677	101%	67.1	E	
Intersection Total	*2,840*	*2,747*	*97%*	*43.8*		
40. Rosedale Hwy & Camino del Rio Ct						
NB - Camino del Rio Ct	338	341	101%	65.1	E	D
SB - Camino del Rio Ct	440	339	77%	239.3	F	
EB - Rosedale Hwy	2,795	2,774	99%	29.4	C	
WB - Rosedale Hwy	2,933	2,827	96%	15.9	B	
Intersection Total	*6,506*	*6,281*	*97%*	*44.8*		
41. Rosedale Hwy & SR99 SB Ramp						
SB - SR99 SB Off Ramp	674	739	110%	27.6	C	C
EB - Rosedale Hwy	1,963	1,751	89%	10.9	B	
WB - Rosedale Hwy	2,438	2,316	95%	27.4	C	
Intersection Total	*5,075*	*4,806*	*95%*	*21.4*		
42. Rosedale Hwy & SR99 NB Ramp/Buck Owens Blvd						
NB - SR99 NB Off Ramp	1,851	1,874	101%	47.4	D	C
SB - Buck Owens Blvd	1,112	1,082	97%	30.6	C	
EB - Rosedale Hwy	2,143	1,933	90%	23.6	C	
WB - 24th St	2,871	2,862	100%	15.2	B	
Intersection Total	*7,977*	*7,751*	*97%*	*27.2*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
43. 24th St & Oak St						
NB - Oak St	1,740	1,754	101%	38.7	D	C
SB - Oak St	106	105	99%	65.5	E	
EB - 24th St	3,048	2,878	94%	30.8	C	
WB - 24th St	3,003	2,976	99%	23.5	C	
Intersection Total	*7,897*	*7,713*	*98%*	*30.3*		
45. Oak St @ Truxtun Ave						
NB - Oak St	1,181	1,187	101%	48.7	D	D
SB - Oak St	1,940	1,390	72%	106.6	F	
EB - Truxtun Ave	1,826	1,814	99%	46.3	D	
WB - Truxtun Ave	1,248	1,256	101%	56.0	E	
Intersection Total	*6,195*	*5,647*	*91%*	*52.7*		
46. California Ave & Chester Ln						
NB - Chester Ln	177	177	100%	31.7	C	C
SB - Chester Ln	543	541	100%	32.5	C	
EB - California Ave	1,690	1,690	100%	20.1	C	
WB - California Ave	1,898	1,828	96%	36.3	D	
Intersection Total	*4,308*	*4,236*	*98%*	*29.2*		
47. California Ave & SR99 SB Ramps/Real Rd						
NB - Real Rd	336	336	100%	43.0	D	E
SB - SR99 SB Off Ramp	1,085	1,097	101%	15.9	B	
EB - California Ave	1,983	2,005	101%	55.9	E	
WB - California Ave	1,538	1,435	93%	106.9	F	
Intersection Total	*4,942*	*4,873*	*99%*	*61.0*		
48. California Ave & SR99 NB Ramps						
NB - SR99 NB Off Ramp	770	796	103%	17.6	B	C
SB - Extended Stay Hotel	97	96	99%	24.6	C	
EB - California Ave	1,256	1,281	102%	17.9	B	
WB - California Ave	1,892	1,633	86%	42.7	D	
Intersection Total	*4,015*	*3,806*	*95%*	*28.6*		
49. California Ave & Oak St						
NB - Oak St	749	746	100%	33.8	C	E
SB - Oak St	1,776	1,322	74%	132.8	F	
EB - California Ave	1,583	1,610	102%	26.6	C	
WB - California Ave	1,281	1,276	100%	26.7	C	
Intersection Total	*5,389*	*4,954*	*92%*	*56.0*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
51. Stockdale Hwy & Real Rd						
NB - Real Rd	787	735	93%	69.0	E	
SB - Real Rd	429	363	85%	222.5	F	E
EB - Stockdale Hwy	2,016	2,021	100%	30.8	C	
WB - Stockdale Hwy	1,526	1,542	101%	50.3	D	
Intersection Total	*4,758*	*4,661*	*98%*	*58.2*		
52. Stockdale @SR-99 SB Ramps						
SB- SR-99 SB Off-Ramp	500	506	101%	12.3	B	
EB - Stockdale Hwy	1,293	1,206	93%	12.9	B	B
WB- Stockdale	1,205	1,181	98%	7.8	A	
Intersection Total	*2,998*	*2,893*	*96%*	*10.7*		
53. Stockdale Hwy & Oak St/Wible Rd						
NB - Wible Rd	1,089	1,027	94%	31.5	C	
SB - Oak St	1,039	1,017	98%	92.1	F	D
EB - Stockdale Hwy	1,452	1,345	93%	16.4	B	
WB - Stockdale Hwy	789	777	98%	37.0	D	
Intersection Total	*4,369*	*4,166*	*95%*	*42.4*		
54. SR58 Ramps & Real Rd						
NB - Real Rd	793	786	99%	18.4	B	
SB - Real Rd	1,229	1,156	94%	27.3	C	C
WB - SR58 WB	1,085	1,014	93%	24.0	C	
Intersection Total	*3,107*	*2,956*	*95%*	*23.8*		
55. SR99 NB Ramps & Wible Rd						
NB - Wible Rd	860	731	85%	14.6	B	
SB - Wible Rd	1,333	1,282	96%	40.0	D	C
EB - SR99 NB Off Ramp	545	567	104%	33.5	C	
Intersection Total	*2,738*	*2,580*	*94%*	*31.4*		
57. Ming Ave & Real Rd						
NB - Real Rd	394	393	100%	29.0	C	
SB - Real Rd	732	727	99%	37.2	D	C
EB - Ming Ave	1,841	1,841	100%	27.0	C	
WB - Ming Ave	2,164	2,086	96%	35.7	D	
Intersection Total	*5,131*	*5,047*	*98%*	*32.2*		
58. Ming Ave & SR99 SB Ramps						
EB - Ming Ave	2,025	2,021	100%	3.0	A	A
WB - Ming Ave	1,516	1,459	96%	2.5	A	
Intersection Total	*3,541*	*3,480*	*98%*	*2.8*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
59. Ming Ave & Wible Rd						
NB - Wible Rd	758	757	100%	30.9	C	C
SB - Wible Rd	866	869	100%	42.4	D	
EB - Ming Ave	2,357	2,318	98%	18.7	B	
WB - Ming Ave	1,554	1,491	96%	15.8	B	
Intersection Total	*5,535*	*5,435*	*98%*	*23.4*		
60. Ming Ave & SR99 NB Ramps						
NB - Sears	320	318	99%	40.7	D	C
SB - SR99 SB Off Ramp	625	572	92%	17.6	B	
EB - Ming Ave	2,113	2,165	102%	28.9	C	
WB - Ming Ave	1,476	1,483	100%	35.0	D	
Intersection Total	*4,534*	*4,538*	*100%*	*30.3*		
61. Ming Ave & Castro Ln						
NB - Castro Ln	365	365	100%	35.0	D	C
SB - Castro Ln	261	261	100%	23.9	C	
EB - Ming Ave	1,306	1,314	101%	16.4	B	
WB - Ming Ave	1,224	1,227	100%	35.6	D	
Intersection Total	*3,156*	*3,167*	*100%*	*26.6*		
66. Brundage Ln & H St						
NB - H St	884	858	97%	40.5	D	D
SB - H St	932	933	100%	36.1	D	
EB - Brundage Ln	714	719	101%	29.0	C	
WB - Brundage Ln	881	897	102%	47.3	D	
Intersection Total	*3,411*	*3,407*	*100%*	*38.7*		
67. SR58 WB Ramp & H St						
NB - H St	802	765	95%	69.4	E	E
SB - H St	1,175	1,177	100%	73.2	E	
WB - Richland St	627	616	98%	33.5	D	
Intersection Total	*2,604*	*2,558*	*98%*	*66.2*		
68. SR58 EB Ramp & H St						
NB - H St	841	847	101%	33.4	C	C
SB - H St	1,215	1,217	100%	19.0	B	
EB - SR58 EB Off Ramp	485	422	87%	43.3	D	
Intersection Total	*2,541*	*2,486*	*98%*	*29.7*		
70. Brundage Ln & Chester Ave						
NB - Chester Ave	658	708	108%	23.4	C	C
SB - Chester Ave	1,134	1,144	101%	25.1	C	
EB - Brundage Ln	687	675	98%	21.7	C	
WB - Brundage Ln	728	716	98%	36.5	D	
Intersection Total	*3,207*	*3,243*	*101%*	*26.5*		
71. SR58 WB Ramp & Chester Ave						
NB - Chester Ave	662	685	103%	19.4	B	C
SB - Chester Ave	1,202	1,183	98%	15.1	B	
WB - Richland St	615	564	92%	32.4	C	
Intersection Total	*2,479*	*2,432*	*98%*	*24.6*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2018 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
72. SR58 EB Ramp & Chester Ave						
NB - Chester Ave	749	742	99%	25.1	C	
SB - Chester Ave	1,161	1,095	94%	11.1	B	C
EB - Frontage Rd	534	494	93%	33.1	C	
Intersection Total	*2,444*	*2,331*	*95%*	*25.5*		
74. Brundage Ln & Union Ave						
NB - Union Ave	1,318	1,314	100%	18.8	B	
SB - Union Ave	1,823	1,798	99%	28.5	C	C
EB - Brundage Ln	504	505	100%	34.7	C	
WB - Brundage Ln	861	910	106%	24.9	C	
Intersection Total	*4,506*	*4,527*	*100%*	*25.7*		
75. Brundage Ln & SR58 WB Ramps (Union Ave)						
NB - SR58 WB Off Ramp	495	522	105%	21.0	C	
SB - Liggett St	87	84	97%	22.4	C	C
EB - Brundage Ln	678	652	96%	29.7	C	
WB - Brundage Ln	492	494	100%	36.7	D	
Intersection Total	*1,752*	*1,752*	*100%*	*28.7*		
76. SR58 EB Ramp & Union Ave						
NB - Union Ave	1,264	1,250	99%	8.9	A	
SB - Union Ave	1,133	963	85%	3.5	A	A
EB - SR58 EB Off Ramp	595	618	104%	19.8	B	
Intersection Total	*2,992*	*2,831*	*95%*	*12.4*		
77.Cottonwood Rd & Brundage Ln						
NB - Cottonwood Rd	665	631	95%	11.0	B	
SB - Cottonwood Rd	260	260	100%	35.5	D	C
EB - Brundage Ln	295	295	100%	31.6	C	
WB - Brundage Ln	525	549	105%	31.9	C	
Intersection Total	*1,745*	*1,735*	*99%*	*24.8*		
78. Brundage Ln & SR58 WB Ramps (Cottonwood Rd)						
NB - SR58 WB Off Ramp	205	224	109%	27.0	C	
SB - Driveway	38	37	97%	22.8	C	D
EB - Brundage Ln	546	537	98%	40.0	D	
WB - Brundage Ln	521	516	99%	35.8	D	
Intersection Total	*1,310*	*1,314*	*100%*	*35.7*		
79. Cottonwood Rd & SR 58 EB Off Ramp						
NB - Cottonwood Rd	779	772	99%	18.7	B	
SB - Cottonwood Rd	533	524	98%	8.1	A	B
EB - SR-58 EB off Ramp	410	408	100%	13.2	B	
Intersection Total	*1,722*	*1,704*	*99%*	*14.1*		

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	
Lane Util. Factor	0.97	0.91	1.00	0.97	0.95	1.00	0.97	0.91		0.97	0.91	
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.97		1.00	0.99	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (prot)	3433	4759	1524	3213	3167	1468	3273	4807		3183	4996	
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (perm)	3433	4759	1524	3213	3167	1468	3273	4807		3183	4996	
Volume (vph)	134	668	124	375	450	237	199	915	219	181	781	31
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.93	0.93	0.93
Adj. Flow (vph)	144	718	133	403	484	255	212	973	233	195	840	33
RTOR Reduction (vph)	0	0	17	0	0	37	0	0	0	0	0	0
Lane Group Flow (vph)	144	718	116	403	484	218	212	1206	0	195	873	0
Heavy Vehicles (%)	2%	9%	6%	9%	14%	10%	7%	4%	8%	10%	3%	9%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6						
Actuated Green, G (s)	9.3	37.6	37.6	20.4	48.7	48.7	12.4	38.3		12.0	37.9	
Effective Green, g (s)	10.6	40.6	40.6	21.7	51.7	51.7	13.3	41.3		12.9	40.9	
Actuated g/C Ratio	0.08	0.31	0.31	0.16	0.39	0.39	0.10	0.31		0.10	0.31	
Clearance Time (s)	5.3	7.0	7.0	5.3	7.0	7.0	4.9	7.0		4.9	7.0	
Vehicle Extension (s)	2.0	6.0	6.0	2.0	5.3	5.3	2.0	3.1		2.0	2.4	
Lane Grp Cap (vph)	275	1458	467	526	1236	573	329	1498		310	1542	
v/s Ratio Prot	0.04	c0.15		c0.13	0.15		c0.06	c0.25		0.06	0.17	
v/s Ratio Perm			0.09			0.17						
v/c Ratio	0.52	0.49	0.25	0.77	0.39	0.38	0.64	0.81		0.63	0.57	
Uniform Delay, d1	58.5	37.5	34.5	53.0	29.1	28.9	57.3	41.9		57.5	38.4	
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Incremental Delay, d2	0.8	1.2	1.3	5.9	0.9	1.9	3.2	3.3		2.9	0.4	
Delay (s)	59.4	38.7	35.8	58.9	30.0	30.9	60.6	45.2		60.4	38.7	
Level of Service	E	D	D	E	C	C	E	D		E	D	
Approach Delay (s)		41.3			40.4			47.5			42.7	
Approach LOS		D			D			D			D	

Intersection Summary			
HCM Average Control Delay	43.3	HCM Level of Service	D
HCM Volume to Capacity ratio	0.65		
Actuated Cycle Length (s)	132.5	Sum of lost time (s)	12.0
Intersection Capacity Utilization	64.7%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
17: Allen Road & San Juan Ave 7/23/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor		1.00		1.00	1.00		1.00	0.91	1.00	1.00	0.91	1.00
Frt		0.97		1.00	0.85		1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected		0.96		0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)		1734		1770	1585		1770	5085	1583	1770	5085	1583
Flt Permitted		0.50		0.71	1.00		0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)		897		1322	1585		1770	5085	1583	1770	5085	1583
Volume (vph)	71	1	25	57	1	119	25	586	57	141	734	84
Peak-hour factor, PHF	0.84	0.84	0.84	0.88	0.88	0.88	0.92	0.92	0.92	0.93	0.93	0.93
Adj. Flow (vph)	85	1	30	65	1	135	27	637	62	152	789	90
RTOR Reduction (vph)	0	15	0	0	117	0	0	0	4	0	0	8
Lane Group Flow (vph)	0	101	0	65	19	0	27	637	58	152	789	82
Turn Type	Perm			Perm			Prot		Perm	Prot		Perm
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4			8					2			6
Actuated Green, G (s)		15.8		15.8	15.8		4.9	73.5	73.5	18.7	87.3	87.3
Effective Green, g (s)		15.8		15.8	15.8		4.9	73.5	73.5	18.7	87.3	87.3
Actuated g/C Ratio		0.13		0.13	0.13		0.04	0.61	0.61	0.16	0.73	0.73
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		118		174	209		72	3115	970	276	3699	1152
v/s Ratio Prot					0.09		0.02	0.13		c0.09	c0.16	
v/s Ratio Perm		c0.13		0.05					0.04			0.06
v/c Ratio		0.86		0.37	0.09		0.38	0.20	0.06	0.55	0.21	0.07
Uniform Delay, d1		51.0		47.6	45.8		56.1	10.3	9.4	46.8	5.3	4.7
Progression Factor		1.00		1.00	1.00		1.49	0.89	0.88	1.19	0.92	0.75
Incremental Delay, d2		42.2		1.4	0.2		2.9	0.1	0.1	2.3	0.1	0.1
Delay (s)		93.2		48.9	46.0		86.5	9.3	8.3	57.8	5.0	3.6
Level of Service		F		D	D		F	A	A	E	A	A
Approach Delay (s)		93.2			46.9			12.1			12.6	
Approach LOS		F			D			B			B	

Intersection Summary

HCM Average Control Delay	20.3	HCM Level of Service	C
HCM Volume to Capacity ratio	0.39		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	41.3%	ICU Level of Service	A
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.97		1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3400	4550	1583	3367	4673	1538	3367	4816		3303	4940	1553
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3400	4550	1583	3367	4673	1538	3367	4816		3303	4940	1553
Volume (vph)	189	845	150	239	1076	160	213	1043	211	232	821	110
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.93
Adj. Flow (vph)	201	899	160	254	1145	170	227	1110	224	249	883	118
RTOR Reduction (vph)	0	0	14	0	0	19	0	0	0	0	0	12
Lane Group Flow (vph)	201	899	146	254	1145	151	227	1334	0	249	883	106
Heavy Vehicles (%)	3%	14%	2%	4%	11%	5%	4%	5%	5%	6%	5%	4%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6						4
Actuated Green, G (s)	6.0	33.8	33.8	13.6	41.4	41.4	9.9	37.0		8.1	35.2	35.2
Effective Green, g (s)	8.3	36.7	36.7	15.9	44.3	44.3	12.1	40.0		10.3	38.2	38.2
Actuated g/C Ratio	0.07	0.31	0.31	0.13	0.37	0.37	0.10	0.34		0.09	0.32	0.32
Clearance Time (s)	6.3	6.9	6.9	6.3	6.9	6.9	6.2	7.0		6.2	7.0	7.0
Vehicle Extension (s)	2.0	5.9	5.9	2.0	6.5	6.5	2.0	4.3		2.0	4.3	4.3
Lane Grp Cap (vph)	237	1404	489	450	1741	573	343	1620		286	1587	499
v/s Ratio Prot	c0.06	0.20		0.08	c0.25		0.07	c0.28		c0.08	0.18	
v/s Ratio Perm			0.10			0.11						0.08
v/c Ratio	0.85	0.64	0.30	0.56	0.66	0.26	0.66	0.82		0.87	0.56	0.21
Uniform Delay, d1	54.7	35.4	31.3	48.3	31.0	26.0	51.4	36.2		53.6	33.3	29.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	22.7	1.6	0.9	1.0	1.6	0.8	3.7	4.9		23.2	1.4	1.0
Delay (s)	77.3	37.0	32.2	49.2	32.6	26.7	55.1	41.1		76.8	34.8	30.4
Level of Service	E	D	C	D	C	C	E	D		E	C	C
Approach Delay (s)		42.9			34.6			43.1			42.7	
Approach LOS		D			C			D			D	

Intersection Summary			
HCM Average Control Delay	40.6	HCM Level of Service	D
HCM Volume to Capacity ratio	0.76		
Actuated Cycle Length (s)	118.9	Sum of lost time (s)	16.0
Intersection Capacity Utilization	71.0%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.94	0.91	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3335	4940	1538	3335	4940	1538	4848	4940	1538	3335	4940	1538
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3335	4940	1538	3335	4940	1538	4848	4940	1538	3335	4940	1538
Volume (vph)	168	1772	420	482	1345	417	406	1166	393	193	1043	130
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.94	0.94	0.94
Adj. Flow (vph)	177	1865	442	507	1416	439	427	1227	414	205	1110	138
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	177	1865	442	507	1416	439	427	1227	414	205	1110	138
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot		Perm	Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6			8			4
Actuated Green, G (s)	6.0	34.0	34.0	6.0	34.0	34.0	6.0	37.0	37.0	6.0	37.0	37.0
Effective Green, g (s)	8.3	37.0	37.0	8.3	37.0	37.0	8.2	40.5	40.5	8.2	40.5	40.5
Actuated g/C Ratio	0.08	0.34	0.34	0.08	0.34	0.34	0.07	0.37	0.37	0.07	0.37	0.37
Clearance Time (s)	6.3	7.0	7.0	6.3	7.0	7.0	6.2	7.5	7.5	6.2	7.5	7.5
Vehicle Extension (s)	2.0	4.6	4.6	2.0	4.9	4.9	2.0	6.0	6.0	2.0	6.0	6.0
Lane Grp Cap (vph)	252	1662	517	252	1662	517	361	1819	566	249	1819	566
v/s Ratio Prot	0.05	c0.38		c0.15	0.29		c0.09	0.25		0.06	0.22	
v/s Ratio Perm			0.29			0.29			0.27			0.09
v/c Ratio	0.70	1.12	0.85	2.01	0.85	0.85	1.18	0.67	0.73	0.82	0.61	0.24
Uniform Delay, d1	49.6	36.5	34.0	50.9	34.0	33.9	50.9	29.2	30.0	50.2	28.3	24.1
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	7.0	63.6	16.4	469.1	5.7	15.9	107.1	2.0	8.1	18.5	1.5	1.0
Delay (s)	56.7	100.1	50.4	520.0	39.7	49.8	158.0	31.2	38.2	68.7	29.9	25.1
Level of Service	E	F	D	F	D	D	F	C	D	E	C	C
Approach Delay (s)		88.1			144.7			58.8			34.9	
Approach LOS		F			F			E			C	

Intersection Summary			
HCM Average Control Delay	87.6	HCM Level of Service	F
HCM Volume to Capacity ratio	1.04		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	89.4%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.98		1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3433	5036	1583	3433	5085	1583	3433	4970		3400	5085	1583
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3433	5036	1583	3433	5085	1583	3433	4970		3400	5085	1583
Volume (vph)	430	639	138	250	591	403	203	1291	229	329	1518	462
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.95	0.95	0.95
Adj. Flow (vph)	462	687	148	269	635	433	216	1373	244	346	1598	486
RTOR Reduction (vph)	0	0	16	0	0	35	0	0	0	0	0	37
Lane Group Flow (vph)	462	687	132	269	635	398	216	1617	0	346	1598	449
Heavy Vehicles (%)	2%	3%	2%	2%	2%	2%	2%	2%	2%	3%	2%	2%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		Perm
Protected Phases	3	8		7	4		1	6		5	2	
Permitted Phases			8			4						2
Actuated Green, G (s)	10.0	17.6	17.6	19.5	27.1	27.1	7.0	32.9		10.0	35.9	35.9
Effective Green, g (s)	10.0	19.6	19.6	19.5	29.1	29.1	7.0	34.9		10.0	37.9	37.9
Actuated g/C Ratio	0.10	0.20	0.20	0.20	0.29	0.29	0.07	0.35		0.10	0.38	0.38
Clearance Time (s)	4.0	6.0	6.0	4.0	6.0	6.0	4.0	6.0		4.0	6.0	6.0
Vehicle Extension (s)	1.0	2.0	2.0	1.0	2.0	2.0	1.0	2.0		1.0	2.0	2.0
Lane Grp Cap (vph)	343	987	310	669	1480	461	240	1735		340	1927	600
v/s Ratio Prot	c0.13	0.14		0.08	0.12		0.06	c0.33		c0.10	0.31	
v/s Ratio Perm			0.09			0.27						0.31
v/c Ratio	1.35	0.70	0.43	0.40	0.43	0.86	0.90	0.93		1.02	0.83	0.75
Uniform Delay, d1	45.0	37.4	35.3	35.2	28.7	33.6	46.2	31.4		45.0	28.1	26.9
Progression Factor	1.00	1.14	1.18	1.00	1.00	1.00	1.00	1.00		0.91	0.97	1.00
Incremental Delay, d2	174.1	1.7	0.3	0.1	0.1	14.8	32.2	10.6		50.2	3.8	7.3
Delay (s)	219.2	44.5	41.8	35.3	28.8	48.3	78.4	42.0		91.1	31.0	34.2
Level of Service	F	D	D	D	C	D	E	D		F	C	C
Approach Delay (s)		106.4			36.4			46.3			40.2	
Approach LOS		F			D			D			D	

Intersection Summary			
HCM Average Control Delay	53.5	HCM Level of Service	D
HCM Volume to Capacity ratio	0.99		
Actuated Cycle Length (s)	100.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	77.3%	ICU Level of Service	D
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.94	0.91	1.00	0.94	0.91	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3155	4940	1429	4627	4803	1429	4757	4803	1417	3273	4803	1455
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3155	4940	1429	4627	4803	1429	4757	4803	1417	3273	4803	1455
Volume (vph)	49	2026	528	959	1788	17	250	35	272	31	72	25
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.92	0.92	0.92	0.84	0.84	0.84
Adj. Flow (vph)	51	2110	550	999	1862	18	272	38	296	37	86	30
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	51	2110	550	999	1862	18	272	38	296	37	86	30
Heavy Vehicles (%)	11%	5%	13%	10%	8%	13%	7%	8%	14%	7%	8%	11%
Turn Type	Prot		Perm	Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6			8			4
Actuated Green, G (s)	4.8	49.8	49.8	11.0	56.0	56.0	9.3	30.6	30.6	3.6	24.9	24.9
Effective Green, g (s)	7.1	52.1	52.1	13.3	58.3	58.3	11.5	32.8	32.8	5.8	27.1	27.1
Actuated g/C Ratio	0.06	0.43	0.43	0.11	0.49	0.49	0.10	0.27	0.27	0.05	0.23	0.23
Clearance Time (s)	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	187	2145	620	513	2333	694	456	1313	387	158	1085	329
v/s Ratio Prot	0.02	c0.43		c0.22	0.39		c0.06	0.01		0.01	0.02	
v/s Ratio Perm			0.38			0.01			0.21			0.02
v/c Ratio	0.27	0.98	0.89	1.95	0.80	0.03	0.60	0.03	0.76	0.23	0.08	0.09
Uniform Delay, d1	54.0	33.5	31.2	53.4	25.9	16.1	52.0	31.9	40.1	55.0	36.6	36.7
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.8	15.9	17.1	433.4	3.0	0.1	2.1	0.0	8.7	0.8	0.0	0.1
Delay (s)	54.8	49.5	48.3	486.8	28.9	16.1	54.1	31.9	48.8	55.7	36.6	36.8
Level of Service	D	D	D	F	C	B	D	C	D	E	D	D
Approach Delay (s)		49.3			187.7			50.1			41.3	
Approach LOS		D			F			D			D	

Intersection Summary			
HCM Average Control Delay	111.9	HCM Level of Service	F
HCM Volume to Capacity ratio	0.99		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	78.8%	ICU Level of Service	D
Analysis Period (min)	15		

c Critical Lane Group

Movement	WBL	WBR	WBR2	NBL	NBT	NBR	SBL	SBT	SBR	SEL2	SEL	SER
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00		0.97	0.91		1.00	0.91	1.00	0.95	0.95	0.88
Frt	1.00	0.85		1.00	0.99		1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	0.95	1.00
Satd. Flow (prot)	1752	1576		3433	5045		1770	4988	1583	1681	1662	2787
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	0.95	1.00
Satd. Flow (perm)	1752	1576		3433	5045		1770	4988	1583	1681	1662	2787
Volume (vph)	104	128	11	1252	932	51	88	1444	366	610	79	1118
Peak-hour factor, PHF	0.88	0.88	0.88	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	118	145	12	1318	981	54	93	1520	385	642	83	1177
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	25	0	0	61
Lane Group Flow (vph)	118	157	0	1318	1035	0	93	1520	360	371	354	1116
Heavy Vehicles (%)	3%	2%	8%	2%	2%	2%	2%	4%	2%	2%	7%	2%
Turn Type	Split			Prot			Prot		Perm	Split		pm+ov
Protected Phases	3	3		5	2		1	6		4	4	5
Permitted Phases									6			4
Actuated Green, G (s)	9.0	9.0		28.8	51.3		7.7	30.2	30.2	23.7	23.7	52.5
Effective Green, g (s)	9.0	9.0		28.8	52.3		7.7	31.2	31.2	25.0	25.0	53.8
Actuated g/C Ratio	0.08	0.08		0.26	0.48		0.07	0.28	0.28	0.23	0.23	0.49
Clearance Time (s)	4.0	4.0		4.0	5.0		4.0	5.0	5.0	5.3	5.3	4.0
Vehicle Extension (s)	1.5	1.5		1.0	2.0		1.0	2.0	2.0	2.0	2.0	1.0
Lane Grp Cap (vph)	143	129		899	2399		124	1415	449	382	378	1464
v/s Ratio Prot	0.07	c0.10		c0.38	0.21		0.05	c0.30		c0.22	0.21	0.21
v/s Ratio Perm									0.24			0.21
v/c Ratio	0.83	1.22		1.47	0.43		0.75	1.07	0.80	0.97	0.94	0.76
Uniform Delay, d1	49.7	50.5		40.6	19.0		50.2	39.4	36.5	42.1	41.7	22.9
Progression Factor	1.00	1.00		0.66	0.71		1.19	0.65	0.62	1.00	1.00	1.00
Incremental Delay, d2	29.3	149.0		213.9	0.4		13.1	42.4	9.1	38.1	30.0	2.2
Delay (s)	79.0	199.5		240.6	13.9		72.8	67.9	31.8	80.3	71.7	25.0
Level of Service	E	F		F	B		E	E	C	F	E	C
Approach Delay (s)	147.8				140.9			61.2			44.5	
Approach LOS	F				F			E			D	

Intersection Summary			
HCM Average Control Delay	88.7	HCM Level of Service	F
HCM Volume to Capacity ratio	1.18		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	101.8%	ICU Level of Service	G
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91		0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	0.97		1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3433	4896		3273	4759	1583	3400	5011		3303	4893	1495
Flt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3433	4896		3273	4759	1583	3400	5011		3303	4893	1495
Volume (vph)	469	1137	239	150	1243	519	374	1087	102	429	1568	582
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.96	0.96	0.96
Adj. Flow (vph)	494	1197	252	158	1308	546	398	1156	109	447	1633	606
RTOR Reduction (vph)	0	0	0	0	0	43	0	0	0	0	0	27
Lane Group Flow (vph)	494	1449	0	158	1308	503	398	1265	0	447	1633	579
Heavy Vehicles (%)	2%	3%	4%	7%	9%	2%	3%	2%	4%	6%	6%	8%
Turn Type	Prot			Prot		Perm	Prot			Prot		Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases						8						6
Actuated Green, G (s)	14.0	36.7		8.0	30.7	30.7	11.0	32.7		14.0	35.7	35.7
Effective Green, g (s)	14.0	38.0		8.0	32.0	32.0	11.0	34.0		14.0	37.0	37.0
Actuated g/C Ratio	0.13	0.35		0.07	0.29	0.29	0.10	0.31		0.13	0.34	0.34
Clearance Time (s)	4.0	5.3		4.0	5.3	5.3	4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	0.5	2.0		0.5	2.0	2.0	0.5	2.0		0.5	2.0	2.0
Lane Grp Cap (vph)	437	1691		238	1384	461	340	1549		420	1646	503
v/s Ratio Prot	c0.14	0.30		0.05	0.27		0.12	0.25		c0.14	0.33	
v/s Ratio Perm						0.34						0.41
v/c Ratio	1.13	0.86		0.66	0.95	1.09	1.17	0.82		1.06	0.99	1.15
Uniform Delay, d1	48.0	33.5		49.7	38.1	39.0	49.5	35.1		48.0	36.4	36.5
Progression Factor	1.00	1.00		0.69	0.29	0.20	1.00	1.00		0.54	0.54	0.51
Incremental Delay, d2	83.7	5.8		0.5	1.9	45.3	103.7	4.9		34.3	5.1	70.8
Delay (s)	131.7	39.3		34.7	13.0	52.9	153.2	40.0		60.2	24.8	89.3
Level of Service	F	D		C	B	D	F	D		E	C	F
Approach Delay (s)		62.8			25.5			67.1			45.3	
Approach LOS		E			C			E			D	

Intersection Summary			
HCM Average Control Delay	49.0	HCM Level of Service	D
HCM Volume to Capacity ratio	1.19		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	91.7%	ICU Level of Service	F
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	1.00		0.95	0.95	
Frt	1.00	1.00		1.00	1.00		1.00	0.87		1.00	0.87	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	0.99	
Satd. Flow (prot)	1770	5084		1770	5066		1770	1619		1681	1529	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	0.99	
Satd. Flow (perm)	1770	5084		1770	5066		1770	1619		1681	1529	
Volume (vph)	51	1719	4	31	2005	52	13	5	33	219	1	155
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.80	0.80	0.80	0.90	0.90	0.90
Adj. Flow (vph)	54	1809	4	33	2111	55	16	6	41	243	1	172
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	54	1813	0	33	2166	0	16	47	0	219	197	0
Turn Type	Prot			Prot			Split			Split		
Protected Phases	7	4		3	8		2	2		6	6	
Permitted Phases												
Actuated Green, G (s)	5.6	57.1		6.1	57.6		18.8	18.8		22.0	22.0	
Effective Green, g (s)	5.6	57.1		6.1	57.6		18.8	18.8		22.0	22.0	
Actuated g/C Ratio	0.05	0.48		0.05	0.48		0.16	0.16		0.18	0.18	
Clearance Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	83	2419		90	2432		277	254		308	280	
v/s Ratio Prot	0.03	c0.36		0.02	c0.43		0.01	c0.03		c0.13	0.13	
v/s Ratio Perm												
v/c Ratio	0.65	0.75		0.37	0.89		0.06	0.19		0.71	0.70	
Uniform Delay, d1	56.2	25.6		55.1	28.3		43.1	43.9		46.0	45.9	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	16.8	1.3		2.5	4.5		0.4	1.6		13.1	13.8	
Delay (s)	73.0	26.9		57.6	32.9		43.5	45.5		59.1	59.8	
Level of Service	E	C		E	C		D	D		E	E	
Approach Delay (s)		28.3			33.3			45.0			59.4	
Approach LOS		C			C			D			E	

Intersection Summary			
HCM Average Control Delay	33.8	HCM Level of Service	C
HCM Volume to Capacity ratio	0.73		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	66.6%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0			4.0	4.0		4.0	
Lane Util. Factor	1.00	0.95		1.00	0.95			1.00	1.00		1.00	
Frt	1.00	0.99		1.00	0.99			1.00	0.85		0.99	
Flt Protected	0.95	1.00		0.95	1.00			0.97	1.00		0.98	
Satd. Flow (prot)	1770	3416		1770	3391			1787	1568		1799	
Flt Permitted	0.95	1.00		0.95	1.00			0.97	1.00		0.98	
Satd. Flow (perm)	1770	3416		1770	3391			1787	1568		1799	
Volume (vph)	26	1689	93	181	1754	70	88	38	230	71	106	18
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.90	0.90	0.90	0.88	0.88	0.88
Adj. Flow (vph)	27	1778	98	191	1846	74	98	42	256	81	120	20
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	17	0	0	0
Lane Group Flow (vph)	27	1876	0	191	1920	0	0	140	239	0	221	0
Heavy Vehicles (%)	2%	5%	2%	2%	6%	2%	3%	2%	3%	3%	2%	3%
Turn Type	Prot			Prot			Split		Perm	Split		
Protected Phases	5	2		1	6		3	3		4	4	
Permitted Phases									3			
Actuated Green, G (s)	2.7	58.1		12.9	68.3			17.6	17.6		16.4	
Effective Green, g (s)	2.2	58.6		12.4	68.8			17.1	17.1		15.9	
Actuated g/C Ratio	0.02	0.49		0.10	0.57			0.14	0.14		0.13	
Clearance Time (s)	3.5	4.5		3.5	4.5			3.5	3.5		3.5	
Vehicle Extension (s)	3.0	3.0		3.0	3.0			3.0	3.0		3.0	
Lane Grp Cap (vph)	32	1668		183	1944			255	223		238	
v/s Ratio Prot	0.02	c0.55		c0.11	c0.57			0.08			c0.12	
v/s Ratio Perm									0.16			
v/c Ratio	0.84	1.12		1.04	0.99			0.55	1.07		0.93	
Uniform Delay, d1	58.7	30.7		53.8	25.2			47.9	51.5		51.5	
Progression Factor	1.00	1.00		1.00	1.00			1.00	1.00		1.00	
Incremental Delay, d2	95.7	64.6		78.5	17.7			2.4	80.4		38.8	
Delay (s)	154.4	95.3		132.3	42.9			50.3	131.8		90.3	
Level of Service	F	F		F	D			D	F		F	
Approach Delay (s)		96.1			51.0			103.0			90.3	
Approach LOS		F			D			F			F	

Intersection Summary			
HCM Average Control Delay	75.8	HCM Level of Service	E
HCM Volume to Capacity ratio	1.05		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	86.9%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	0.97	0.91		0.97	0.91		0.97	0.91	1.00	0.97	0.91	
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	0.99	1.00	1.00	
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.98		1.00	1.00		1.00	1.00	0.85	1.00	0.98	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	3433	5001		3433	5070		3433	5085	1560	3433	4946	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	3433	5001		3433	5070		3433	5085	1560	3433	4946	
Volume (vph)	370	1402	158	576	1356	25	78	879	243	19	1106	221
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.93	0.93	0.93	0.94	0.94	0.94
Adj. Flow (vph)	389	1476	166	606	1427	26	84	945	261	20	1177	235
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	10	0	0	0
Lane Group Flow (vph)	389	1642	0	606	1453	0	84	945	251	20	1412	0
Confl. Peds. (#/hr)			2			2			2			2
Turn Type	Prot			Prot			Prot		Perm	Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases									8			
Actuated Green, G (s)	15.0	36.3		19.0	40.3		4.8	33.3	33.3	2.8	31.3	
Effective Green, g (s)	15.0	37.6		19.0	41.6		4.8	34.6	34.6	2.8	32.6	
Actuated g/C Ratio	0.14	0.34		0.17	0.38		0.04	0.31	0.31	0.03	0.30	
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3	5.3	4.0	5.3	
Vehicle Extension (s)	0.5	2.0		0.5	2.0		0.5	2.0	2.0	0.5	2.0	
Lane Grp Cap (vph)	468	1709		593	1917		150	1599	491	87	1466	
v/s Ratio Prot	0.11	c0.33		c0.18	0.29		0.02	c0.19		0.01	c0.29	
v/s Ratio Perm									0.17			
v/c Ratio	0.83	0.96		1.02	0.76		0.56	0.59	0.51	0.23	0.96	
Uniform Delay, d1	46.3	35.5		45.5	29.8		51.6	31.7	30.8	52.5	38.1	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	11.4	14.3		42.6	2.9		2.8	0.4	0.4	0.5	15.4	
Delay (s)	57.7	49.7		88.1	32.7		54.4	32.1	31.2	53.0	53.5	
Level of Service	E	D		F	C		D	C	C	D	D	
Approach Delay (s)		51.3			49.0			33.4			53.5	
Approach LOS		D			D			C			D	

Intersection Summary			
HCM Average Control Delay	47.7	HCM Level of Service	D
HCM Volume to Capacity ratio	0.96		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	90.4%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	*0.90		0.97	0.91	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00	0.99	1.00	1.00	0.99	1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	0.99		1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3433	4975		3400	4988	1546	3433	3539	1546	3433	3539	1560
Flt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3433	4975		3400	4988	1546	3433	3539	1546	3433	3539	1560
Volume (vph)	108	1549	110	414	1569	242	163	334	535	318	401	158
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.93	0.93	0.93	0.93	0.93	0.93
Growth Factor (vph)	100%	100%	100%	100%	127%	100%	100%	100%	100%	100%	100%	100%
Adj. Flow (vph)	114	1631	116	436	2098	255	175	359	575	342	431	170
RTOR Reduction (vph)	0	0	0	0	0	40	0	0	76	0	0	8
Lane Group Flow (vph)	114	1747	0	436	2098	215	175	359	499	342	431	162
Confl. Peds. (#/hr)			2			2			2			2
Heavy Vehicles (%)	2%	2%	2%	3%	4%	3%	2%	2%	3%	2%	2%	2%
Turn Type	Prot			Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases						6			8			4
Actuated Green, G (s)	5.0	35.3		11.0	41.3	41.3	27.4	34.7	34.7	10.0	17.3	17.3
Effective Green, g (s)	5.0	37.0		11.0	43.0	43.0	27.4	36.0	36.0	10.0	18.6	18.6
Actuated g/C Ratio	0.05	0.34		0.10	0.39	0.39	0.25	0.33	0.33	0.09	0.17	0.17
Clearance Time (s)	4.0	5.7		4.0	5.7	5.7	4.0	5.3	5.3	4.0	5.3	5.3
Vehicle Extension (s)	1.0	2.0		1.0	2.0	2.0	1.0	2.0	2.0	1.0	2.0	2.0
Lane Grp Cap (vph)	156	1673		340	1950	604	855	1158	506	312	598	264
v/s Ratio Prot	0.03	c0.35		c0.13	c0.42		0.05	0.10		c0.10	0.12	
v/s Ratio Perm						0.16			0.37			0.11
v/c Ratio	0.73	1.04		1.28	1.08	0.36	0.20	0.31	0.99	1.10	0.72	0.61
Uniform Delay, d1	51.8	36.5		49.5	33.5	23.7	32.7	27.7	36.8	50.0	43.2	42.4
Progression Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	14.0	34.5		147.7	44.3	1.6	0.0	0.1	36.0	79.2	3.6	2.9
Delay (s)	65.9	71.0		197.2	77.8	25.4	32.7	27.8	72.8	129.2	46.9	45.3
Level of Service	E	E		F	E	C	C	C	E	F	D	D
Approach Delay (s)		70.7			91.6			51.9			76.4	
Approach LOS		E			F			D			E	

Intersection Summary			
HCM Average Control Delay	77.1	HCM Level of Service	E
HCM Volume to Capacity ratio	1.09		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	100.0%	ICU Level of Service	F
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0					4.0		4.0
Lane Util. Factor		*0.75	1.00		0.91					0.97		0.88
Frpb, ped/bikes		1.00	1.00		0.99					1.00		1.00
Flpb, ped/bikes		1.00	1.00		1.00					1.00		1.00
Frt		1.00	0.85		0.95					1.00		0.85
Flt Protected		1.00	1.00		1.00					0.95		1.00
Satd. Flow (prot)		5534	1583		4741					3433		2760
Flt Permitted		1.00	1.00		1.00					0.95		1.00
Satd. Flow (perm)		5534	1583		4741					3433		2760
Volume (vph)	0	1952	450	0	885	495	0	0	0	690	0	1340
Peak-hour factor, PHF	0.96	0.96	0.96	0.95	0.95	0.95	0.93	0.93	0.93	0.95	0.95	0.95
Growth Factor (vph)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	150%
Adj. Flow (vph)	0	2033	469	0	932	521	0	0	0	726	0	2116
RTOR Reduction (vph)	0	0	166	0	112	0	0	0	0	0	0	11
Lane Group Flow (vph)	0	2033	303	0	1341	0	0	0	0	726	0	2106
Confl. Peds. (#/hr)						2						
Heavy Vehicles (%)	2%	3%	2%	2%	3%	2%	2%	2%	2%	2%	2%	3%
Turn Type			Perm							custom		custom
Protected Phases		2			6					4		
Permitted Phases			2							4		4
Actuated Green, G (s)		24.7	24.7		24.7					53.4		53.4
Effective Green, g (s)		27.0	27.0		27.0					55.0		55.0
Actuated g/C Ratio		0.30	0.30		0.30					0.61		0.61
Clearance Time (s)		6.3	6.3		6.3					5.6		5.6
Vehicle Extension (s)		4.3	4.3		4.9					3.4		3.4
Lane Grp Cap (vph)		1660	475		1422					2098		1687
v/s Ratio Prot		c0.37			0.31					0.21		
v/s Ratio Perm			0.30									0.77
v/c Ratio		1.22	0.64		0.94					0.35		1.25
Uniform Delay, d1		31.5	27.3		30.7					8.6		17.5
Progression Factor		1.00	1.00		1.00					1.00		1.00
Incremental Delay, d2		106.7	3.4		13.0					0.1		116.8
Delay (s)		138.2	30.6		43.8					8.7		134.3
Level of Service		F	C		D					A		F
Approach Delay (s)		118.0			43.8			0.0			102.2	
Approach LOS		F			D			A			F	

Intersection Summary			
HCM Average Control Delay	95.5	HCM Level of Service	F
HCM Volume to Capacity ratio	1.24		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	105.2%	ICU Level of Service	G
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0	4.0	4.0		4.0			
Lane Util. Factor		0.86	0.86		0.91	1.00	1.00		1.00			
Frpb, ped/bikes		1.00	1.00		1.00	0.98	1.00		1.00			
Flpb, ped/bikes		1.00	1.00		1.00	1.00	1.00		1.00			
Frt		0.95	0.85		1.00	0.85	1.00		0.85			
Flt Protected		1.00	1.00		1.00	1.00	0.95		1.00			
Satd. Flow (prot)		4551	1335		5085	1550	1752		1538			
Flt Permitted		1.00	1.00		1.00	1.00	0.95		1.00			
Satd. Flow (perm)		4551	1335		5085	1550	1752		1538			
Volume (vph)	0	1187	1455	0	998	555	383	0	302	0	0	0
Peak-hour factor, PHF	0.96	0.96	0.96	0.94	0.94	0.94	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	1236	1516	0	1062	590	416	0	328	0	0	0
RTOR Reduction (vph)	0	133	0	0	0	0	0	0	20	0	0	0
Lane Group Flow (vph)	0	1671	948	0	1062	590	416	0	308	0	0	0
Confl. Peds. (#/hr)						2						
Heavy Vehicles (%)	2%	2%	4%	2%	2%	2%	3%	2%	5%	2%	2%	2%
Turn Type			Free			Free	Prot		custom			
Protected Phases		2			6		8					
Permitted Phases			Free			Free			8			
Actuated Green, G (s)		29.2	58.2		29.2	58.2	18.9		18.9			
Effective Green, g (s)		30.1	58.2		30.1	58.2	20.1		20.1			
Actuated g/C Ratio		0.52	1.00		0.52	1.00	0.35		0.35			
Clearance Time (s)		4.9			4.9		5.2		5.2			
Vehicle Extension (s)		5.7			5.7		5.3		5.3			
Lane Grp Cap (vph)		2354	1335		2630	1550	605		531			
v/s Ratio Prot		0.40			0.21		0.24					
v/s Ratio Perm			0.71			0.38			0.21			
v/c Ratio		0.71	0.71		0.40	0.38	0.69		0.58			
Uniform Delay, d1		10.7	0.0		8.6	0.0	16.4		15.6			
Progression Factor		1.00	1.00		1.00	1.00	1.00		1.00			
Incremental Delay, d2		1.8	3.2		0.5	0.7	4.4		2.7			
Delay (s)		12.6	3.2		9.0	0.7	20.7		18.3			
Level of Service		B	A		A	A	C		B			
Approach Delay (s)		9.3			6.1			19.7			0.0	
Approach LOS		A			A			B			A	

Intersection Summary			
HCM Average Control Delay	9.8	HCM Level of Service	A
HCM Volume to Capacity ratio	0.71		
Actuated Cycle Length (s)	58.2	Sum of lost time (s)	0.0
Intersection Capacity Utilization	61.7%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
65: White Lane & Hughes Lane

7/23/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	0.95	1.00	1.00	0.95	
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	0.98	1.00	0.99	
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.97		1.00	0.99		1.00	1.00	0.85	1.00	0.91	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1770	4914		1770	5002		1770	3539	1553	1770	3173	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	1770	4914		1770	5002		1770	3539	1553	1770	3173	
Volume (vph)	272	948	243	120	964	106	244	183	91	131	191	323
Peak-hour factor, PHF	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	289	1009	259	129	1037	114	265	199	99	142	208	351
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	4	0	0	0
Lane Group Flow (vph)	289	1268	0	129	1151	0	265	199	95	142	559	0
Confl. Peds. (#/hr)			2			3			5			3
Turn Type	Prot			Prot			Prot		Perm	Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases									8			
Actuated Green, G (s)	19.2	36.7		16.2	33.7		17.0	12.3	12.3	26.2	21.5	
Effective Green, g (s)	19.2	38.0		16.2	35.0		17.0	13.6	13.6	26.2	22.8	
Actuated g/C Ratio	0.17	0.35		0.15	0.32		0.15	0.12	0.12	0.24	0.21	
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3	5.3	4.0	5.3	
Vehicle Extension (s)	1.0	2.0		1.0	2.0		1.0	2.0	2.0	1.0	2.0	
Lane Grp Cap (vph)	309	1698		261	1592		274	438	192	422	658	
v/s Ratio Prot	c0.16	c0.26		0.07	0.23		c0.15	0.06		c0.08	c0.18	
v/s Ratio Perm									0.06			
v/c Ratio	0.94	0.75		0.49	0.72		0.97	0.45	0.49	0.34	1.09dr	
Uniform Delay, d1	44.8	31.8		43.1	33.2		46.2	44.8	45.0	34.7	41.9	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	34.0	3.0		0.5	2.9		44.6	0.3	0.7	0.2	9.6	
Delay (s)	78.8	34.8		43.7	36.1		90.9	45.0	45.7	34.9	51.6	
Level of Service	E	C		D	D		F	D	D	C	D	
Approach Delay (s)		43.0			36.9			66.7			48.2	
Approach LOS		D			D			E			D	

Intersection Summary			
HCM Average Control Delay	45.2	HCM Level of Service	D
HCM Volume to Capacity ratio	0.88		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	20.0
Intersection Capacity Utilization	79.1%	ICU Level of Service	D
Analysis Period (min)	15		

dr Defacto Right Lane. Recode with 1 though lane as a right lane.

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	1.00	0.95		1.00	0.95		1.00	0.95		1.00	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	0.99		1.00	1.00	0.98
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.98		1.00	0.99		1.00	0.92		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	3265		1736	3241		1703	3139		1770	3471	1500
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1770	3265		1736	3241		1703	3139		1770	3471	1500
Volume (vph)	91	710	136	166	795	63	215	37	45	62	69	174
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.88	0.88	0.88	0.90	0.90	0.90
Adj. Flow (vph)	98	763	146	178	855	68	244	42	51	69	77	193
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	12
Lane Group Flow (vph)	98	909	0	178	923	0	244	93	0	69	77	181
Confl. Peds. (#/hr)			2			3			2			2
Heavy Vehicles (%)	2%	7%	11%	4%	10%	10%	6%	3%	6%	2%	4%	6%
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases		4										6
Actuated Green, G (s)	10.6	35.2		15.1	39.7		17.8	34.5		6.6	23.3	23.3
Effective Green, g (s)	10.6	36.5		15.1	41.0		17.8	35.8		6.6	24.6	24.6
Actuated g/C Ratio	0.10	0.33		0.14	0.37		0.16	0.33		0.06	0.22	0.22
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	1.0	4.0		1.0	4.0		1.0	4.0		1.0	4.0	4.0
Lane Grp Cap (vph)	171	1083		238	1208		276	1022		106	776	335
v/s Ratio Prot	0.06	c0.28		c0.10	c0.28		c0.14	0.03		0.04	0.02	
v/s Ratio Perm												0.13
v/c Ratio	0.57	0.84		0.75	0.76		0.88	0.09		0.65	0.10	0.54
Uniform Delay, d1	47.5	34.0		45.6	30.3		45.1	25.8		50.6	33.9	37.7
Progression Factor	1.00	1.00		0.82	1.20		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	2.9	6.1		8.9	2.6		26.0	0.2		10.4	0.3	6.2
Delay (s)	50.4	40.1		46.3	38.9		71.1	26.0		61.0	34.2	43.9
Level of Service	D	D		D	D		E	C		E	C	D
Approach Delay (s)		41.1			40.1			58.6			45.1	
Approach LOS		D			D			E			D	

Intersection Summary			
HCM Average Control Delay	43.3	HCM Level of Service	D
HCM Volume to Capacity ratio	0.74		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	71.0%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	1.00	0.95		1.00	0.95		1.00	0.95		1.00	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.98		1.00	0.99		1.00	0.99		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1736	3254		1719	3182		1626	3353		1736	3471	1474
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1736	3254		1719	3182		1626	3353		1736	3471	1474
Volume (vph)	129	528	103	138	699	27	78	508	56	52	871	226
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94
Adj. Flow (vph)	139	568	111	148	752	29	84	546	60	55	927	240
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	14
Lane Group Flow (vph)	139	679	0	148	781	0	84	606	0	55	927	226
Confl. Peds. (#/hr)			2			5			4			2
Heavy Vehicles (%)	4%	7%	13%	5%	13%	6%	11%	5%	14%	4%	4%	8%
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases					6							4
Actuated Green, G (s)	11.5	42.3		10.6	41.4		7.3	32.9		6.0	31.6	31.6
Effective Green, g (s)	11.5	43.2		10.6	42.3		7.3	34.2		6.0	32.9	32.9
Actuated g/C Ratio	0.10	0.39		0.10	0.38		0.07	0.31		0.05	0.30	0.30
Clearance Time (s)	4.0	4.9		4.0	4.9		4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	1.0	2.0		1.0	2.0		1.0	2.0		1.0	2.0	2.0
Lane Grp Cap (vph)	181	1278		166	1224		108	1042		95	1038	441
v/s Ratio Prot	0.08	0.21		c0.09	c0.25		c0.05	0.18		0.03	c0.27	
v/s Ratio Perm												0.16
v/c Ratio	0.77	0.53		0.89	0.64		0.78	0.58		0.58	0.89	0.51
Uniform Delay, d1	48.0	25.6		49.1	27.6		50.6	31.9		50.8	36.9	31.9
Progression Factor	1.44	0.30		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	11.3	1.1		39.5	2.6		26.7	0.5		5.2	9.7	0.4
Delay (s)	80.6	8.7		88.6	30.2		77.3	32.4		56.0	46.5	32.3
Level of Service	F	A		F	C		E	C		E	D	C
Approach Delay (s)		20.9			39.5			37.9			44.2	
Approach LOS		C			D			D			D	

Intersection Summary			
HCM Average Control Delay	36.6	HCM Level of Service	D
HCM Volume to Capacity ratio	0.76		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	76.2%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			

2038 NO-BUILD

AM Peak

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
1. I-5 SB Ramps @ Stockdale Hwy						
SB - I-5 SB Off ramp - STOP Control	312	306	98%	6.4	A	
EB - Stockdale Hwy	45	45	100%	0.0	A	A
WB - Stockdale Hwy	148	127	86%	0.0	A	
Intersection Total	***505***	***478***	***95%***			
2. I-5 NB Ramps @ Stockdale Hwy						
NB - I-5 NB Off Ramp - STOP Control	72	71	100%	4.0	A	
EB - Stockdale Hwy	354	349	99%	0.0	A	A
WB - Stockdale Hwy	533	434	81%	0.0	A	
Intersection Total	***959***	***861***	***90%***			
4. Enos Ln @ Stockdale Hwy						
NB - Enos Ln	181	179	99%	13.5	B	
SB - Enos Ln	311	311	100%	64.6	E	C
EB - Stockdale Hwy	362	362	100%	14.0	B	
WB - Stockdale Hwy	712	672	94%	13.8	B	
Intersection Total	***1,566***	***1,524***	***97%***	***24.2***		
5. SR- 43 @ I-5 NB Ramps						
NB - SR- 43	239	250	105%	0.2	A	
SB - SR-43	777	774	100%	0.0	A	A
WB - I-5 NB Off Ramp - STOP Control	70	74	106%	3.4	A	
Intersection Total	***1,086***	***1,098***	***101%***			
6. SR-43 @ I-5 SB Ramps						
NB - SR- 43	212	213	100%	0.0	A	
SB - SR-43	597	573	96%	0.1	A	A
EB - I-5 SB Ramp - STOP Control	40	40	100%	5.7	A	
Intersection Total	***849***	***836***	***98%***			
7. Nord Rd @ Stockdale Hwy						
NB - Nord Rd	468	465	99%	7.7	A	
SB - Nord Rd	127	123	97%	32.6	C	C
EB - Stockdale Hwy	440	405	92%	42.5	D	
WB - Stockdale Hwy	955	929	97%	39.1	D	
Intersection Total	***1,990***	***1,922***	***97%***	***31.8***		
9. Heath Rd @ Stockdale Rd						
NB - Heath Rd	1,000	996	100%	29.2	C	
SB - Heath Rd	354	353	100%	37.8	D	C
EB - Stockdale Hwy	1,348	1,308	97%	19.5	B	
WB - Stockdale Hwy	1,737	1,669	96%	35.1	D	
Intersection Total	***4,439***	***4,326***	***97%***	***29.2***		
10. WSP @ Stockdale Off/ On						
NB - Stockdale Hwy	434	435	100%	23.1	C	
EB - Stockdale Hwy	2,513	2,475	98%	6.8	A	A
WB - WSP	1,550	1,480	95%	4.4	A	
Intersection Total	***4,497***	***4,390***	***98%***	***7.6***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
11. West Beltway @ WSP WB Ramps						
NB - West Beltway	1,616	1,652	102%	4.1	A	
SB - West Beltway	2,311	2,313	100%	5.4	A	A
WB - WSP WB Off Ramp	1,060	1,026	97%	13.0	B	
Intersection Total	***4,987***	***4,991***	***100%***	***6.5***		
12. West Beltway @ WSP EB Ramps						
NB - West Beltway	2,226	2,220	100%	9.3	A	
SB - West Beltway	1,151	1,135	99%	4.6	A	B
EB - WSP EB off Ramp	800	805	101%	26.0	C	
Intersection Total	***4,177***	***4,160***	***100%***	***11.2***		
14. Allen Rd @ Brihmall Rd						
NB - Allen Rd	1,106	1,066	96%	27.3	C	
SB - Allen Rd	1,375	1,358	99%	30.2	C	C
EB - Brihmall Rd	728	730	100%	16.9	B	
WB - Brihmall Rd	335	334	100%	23.7	C	
Intersection Total	***3,544***	***3,488***	***98%***	***25.9***		
15. Allen Rd @ WSP WB Ramps						
NB - Allen Rd	695	702	101%	21.9	C	
SB - Allen Rd	1,706	1,687	99%	13.3	B	B
WB - Off Ramp/On Ramp WSP WB	850	805	95%	12.7	B	
Intersection Total	***3,251***	***3,194***	***98%***	***15.0***		
16. Allen Rd @ WSP EB Ramps						
NB - Allen Rd	1,611	1,618	100%	2.9	A	
SB - Allen Rd	1,920	1,866	97%	15.9	B	B
EB - WSP EB off Ramp	195	188	96%	17.1	B	
Intersection Total	***3,726***	***3,672***	***99%***	***10.2***		
18. Allen Rd @ Stockdale Hwy						
NB - Allen Rd	1,177	1,155	98%	26.7	C	
SB - Allen Rd	1,085	1,016	94%	25.3	C	C
EB - Stockdale Hwy	1,246	1,255	101%	37.7	D	
WB - Stockdale Hwy	871	873	100%	27.7	C	
Intersection Total	***4,379***	***4,299***	***98%***	***29.8***		
20. Calloway Dr @ Brimhall Rd						
NB - Calloway Dr	1,495	1,444	97%	26.4	C	
SB - Calloway Dr	1,413	1,411	100%	34.5	C	C
EB - Brimhall Rd	1,408	1,410	100%	26.3	C	
WB - Brimhall Rd	813	808	99%	34.4	C	
Intersection Total	***5,129***	***5,073***	***99%***	***29.9***		
21. Calloway Dr @ WSP WB Ramps						
NB - Calloway Dr	1,361	1,342	99%	13.3	B	
SB - Calloway Dr	1,835	1,820	99%	7.2	A	B
EB - WSP WB on Ramp	580	532	92%	11.0	B	
WB - WSP WB Off Ramp	312	294	94%	4.8	A	
Intersection Total	***4,088***	***3,988***	***98%***	***10.8***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
22. Calloway Dr @ WSP EB Ramps						
NB - Calloway Dr	1,027	1,018	99%	18.1	B	
SB - Calloway Dr	1,644	1,604	98%	19.3	B	B
EB - WSP EB off Ramp	1,108	1,094	99%	10.3	B	
Intersection Total	***3,779***	***3,716***	***98%***	***18.4***		
23. Calloway Dr @ Stockdale Hwy						
NB - Calloway Dr	1,630	1,634	100%	47.0	D	
SB - Calloway Dr	2,418	2,374	98%	51.6	D	D
EB - Stockdale Hwy	1,720	1,718	100%	53.6	D	
WB - Stockdale Hwy	652	653	100%	43.1	D	
Intersection Total	***6,420***	***6,379***	***99%***	***52.3***		
25. Coffee Rd @ Brimhall Rd						
NB - Coffee Rd	1,589	1,638	103%	26.5	C	
SB - Coffee Rd	1,464	1,461	100%	32.6	C	C
EB - Brimhall Rd	957	961	100%	19.3	B	
WB - Brimhall Rd	1,185	1,212	102%	28.2	C	
Intersection Total	***5,195***	***5,272***	***101%***	***27.3***		
27. Coffee Rd @ WSP EB Ramp						
NB - Coffee Rd	2,152	2,149	100%	38.9	D	
SB - Coffee Rd	1,511	1,579	105%	29.7	C	C
EB - WSP EB off Ramp	2,185	2,090	96%	17.5	B	
Intersection Total	***5,848***	***5,818***	***99%***	***28.7***		
28. Coffee Rd @ Truxtun Ave						
NB - Coffee Rd	2,350	2,351	100%	22.7	C	
SB - Coffee Rd	2,770	2,761	100%	19.0	B	C
WB - Truxtun Ave	808	811	100%	19.4	B	
Intersection Total	***5,928***	***5,923***	***100%***	***20.5***		
31. Mohawk St @ WSP WB Ramps						
NB - Mohawk St						
SB - Mohawk St						
Intersection Total						
32. Mohawk St @ WSP EB Ramps						
NB - Mohawk St	1,258	1,307	104%	51.6	D	
SB - Mohawk St	634	627	99%	22.7	C	C
EB - WSP EB off Ramp	1,900	1,975	104%	7.0	A	
Intersection Total	***3,792***	***3,909***	***103%***	***24.4***		
33. Mohawk St @ Truxtun Ave						
NB - Mohawk St	1,767	1,760	100%	28.9	C	
SB - Mohawk St	2,034	2,062	101%	39.0	D	C
EB - Truxtun Ave	1,515	1,517	100%	23.2	C	
WB - Truxtun Ave	853	897	105%	30.4	C	
Intersection Total	***6,169***	***6,236***	***101%***	***31.1***		
36. Airport Dr & State Rd/SR204 WB Ramp						
NB - Airport Dr	1,489	1,208	81%	13.7	B	
SB - Airport Dr	1,684	1,683	100%	22.4	C	C
EB - State Rd	233	231	99%	18.0	B	
WB - SR204 WB Off Ramp	968	1,003	104%	25.0	C	
Intersection Total	***4,374***	***4,125***	***94%***	***20.2***		
37. Buck Owens Blvd & SR99 NB Ramp						
NB - SR99 NB Off Ramp	1,750	1,289	74%	8.4	A	A
WB - Buck Owens Blvd	510	507	99%	3.7	A	
Intersection Total	***2,260***	***1,796***	***79%***	***7.1***		
38. Rio Mirada Dr & Buck Owens Blvd						
NB - Buck Owens Blvd	524	519	99%	26.6	C	
SB - Buck Owens Blvd	117	88	75%	28.6	C	C
EB - Rio Mirada Dr	851	801	94%	33.1	C	
WB - Rio Mirada Dr	161	160	99%	17.3	B	
Intersection Total	***1,653***	***1,568***	***95%***	***29.1***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
39. SR99 NB Ramps/Sillect Ave & Buck Owens Blvd						
NB - Buck Owens Blvd	1,110	1,014	91%	36.3	D	D
SB - Buck Owens Blvd	498	483	97%	50.3	D	
EB - SR99 NB Off Ramp	825	687	83%	28.1	C	
WB - Sillect Ave	243	244	100%	43.3	D	
Intersection Total	***2,676***	***2,428***	***91%***	***37.5***		
40. Rosedale Hwy & Camino del Rio Ct						
NB - Camino del Rio Ct	344	345	100%	55.3	E	C
SB - Camino del Rio Ct	185	187	101%	51.7	D	
EB - Rosedale Hwy	3,194	3,091	97%	19.3	B	
WB - Rosedale Hwy	3,223	3,317	103%	17.1	B	
Intersection Total	***6,946***	***6,940***	***100%***	***20.9***		
41. Rosedale Hwy & SR99 SB Ramp						
SB - SR99 SB Off Ramp	1,075	1,059	99%	45.8	D	C
EB - Rosedale Hwy	1,825	1,689	93%	11.6	B	
WB - Rosedale Hwy	2,494	2,619	105%	20.5	C	
Intersection Total	***5,394***	***5,367***	***99%***	***22.7***		
42. Rosedale Hwy & SR99 NB Ramp/Buck Owens Blvd						
NB - SR99 NB Off Ramp	2,440	1,977	81%	49.3	D	C
SB - Buck Owens Blvd	583	554	95%	13.2	B	
EB - Rosedale Hwy	2,171	2,065	95%	23.6	C	
WB - 24th St	2,699	2,729	101%	15.2	B	
Intersection Total	***7,893***	***7,325***	***93%***	***26.6***		
43. 24th St & Oak St						
NB - Oak St	1,442	1,423	99%	32.4	C	D
SB - Oak St	85	83	98%	63.1	E	
EB - 24th St	3,162	2,841	90%	39.7	D	
WB - 24th St	3,380	3,417	101%	22.8	C	
Intersection Total	***8,069***	***7,764***	***96%***	***37.5***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
45. Oak St @ Truxtun Ave						
NB - Oak St	1,602	1,647	103%	68.9	E	E
SB - Oak St	1,473	1,471	100%	29.6	C	
EB - Truxtun Ave	2,450	2,166	88%	71.4	E	
WB - Truxtun Ave	1,069	1,057	99%	76.2	E	
Intersection Total	***6,594***	***6,341***	***96%***	***61.9***		
46. California Ave & Chester Ln						
NB - Chester Ln	169	170	101%	33.1	C	C
SB - Chester Ln	175	178	102%	28.9	C	
EB - California Ave	1,419	1,405	99%	21.3	C	
WB - California Ave	1,880	1,853	99%	24.2	C	
Intersection Total	***3,643***	***3,606***	***99%***	***23.7***		
47. California Ave & SR99 SB Ramps/Real Rd						
NB - Real Rd	370	364	98%	32.0	D	D
SB - SR99 SB Off Ramp	1,200	1,221	102%	30.5	D	
EB - California Ave	1,555	1,572	101%	33.7	D	
WB - California Ave	1,336	1,331	100%	63.7	E	
Intersection Total	***4,461***	***4,488***	***101%***	***54.6***		
48. California Ave & SR99 NB Ramps						
NB - SR99 NB Off Ramp	1,180	979	83%	14.5	B	C
SB - Extended Stay Hotel	63	63	100%	25.3	C	
EB - California Ave	1,095	1,225	112%	31.1	C	
WB - California Ave	1,378	1,356	98%	36.5	D	
Intersection Total	***3,716***	***3,623***	***97%***	***28.5***		
49. California Ave & Oak St						
NB - Oak St	984	979	99%	36.6	D	C
SB - Oak St	1,017	1,039	102%	37.7	D	
EB - California Ave	1,829	1,842	101%	21.4	C	
WB - California Ave	873	873	100%	22.6	C	
Intersection Total	***4,703***	***4,733***	***101%***	***28.3***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
51. Stockdale Hwy & Real Rd						
NB - Real Rd	813	803	99%	63.8	E	D
SB - Real Rd	397	396	100%	53.3	D	
EB - Stockdale Hwy	2,070	1,981	96%	47.7	D	
WB - Stockdale Hwy	1,690	1,628	96%	40.3	D	
Intersection Total	***4,970***	***4,808***	***97%***	***48.3***		
52. Stockdale @SR-99 SB Ramps						
SB- SR-99 SB Off-Ramp	450	442	98%	24.1	C	B
EB - Stockdale Hwy	1,243	1,209	97%	17.8	B	
WB- Stockdale	1,363	1,302	96%	12.4	B	
Intersection Total	***3,056***	***2,953***	***97%***	***16.8***		
53. Stockdale Hwy & Oak St/Wible Rd						
NB - Wible Rd	1,229	1,015	83%	26.8	C	C
SB - Oak St	428	427	100%	29.7	C	
EB - Stockdale Hwy	1,339	1,277	95%	33.4	C	
WB - Stockdale Hwy	798	805	101%	37.1	D	
Intersection Total	***3,794***	***3,524***	***93%***	***31.9***		
54. SR58 Ramps & Real Rd						
NB - Real Rd	921	920	100%	25.5	C	C
SB - Real Rd	1,234	1,195	97%	21.4	C	
WB - SR58 WB	930	933	100%	18.6	B	
Intersection Total	***3,085***	***3,048***	***99%***	***21.8***		
55. SR99 NB Ramps & Wible Rd						
NB - Wible Rd	825	733	89%	10.5	B	B
SB - Wible Rd	569	501	88%	15.1	B	
EB - SR99 NB Off Ramp	760	593	78%	21.9	C	
Intersection Total	***2,154***	***1,827***	***85%***	***15.5***		
57. Ming Ave & Real Rd						
NB - Real Rd	372	371	100%	27.4	C	C
SB - Real Rd	488	488	100%	38.0	D	
EB - Ming Ave	1,919	1,916	100%	22.8	C	
WB - Ming Ave	1,544	1,479	96%	23.9	C	
Intersection Total	***4,323***	***4,254***	***98%***	***25.3***		
58. Ming Ave & SR99 SB Ramps						
EB - Ming Ave	2,149	2,144	100%	0.4	A	A
WB - Ming Ave	977	886	91%	10.0	B	
Intersection Total	***3,126***	***3,030***	***97%***	***3.2***		
59. Ming Ave & Wible Rd						
NB - Wible Rd	742	735	99%	24.4	C	C
SB - Wible Rd	275	273	99%	30.9	C	
EB - Ming Ave	2,123	2,091	98%	25.7	C	
WB - Ming Ave	1,001	902	90%	14.0	B	

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served In Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
Intersection Total	*4,141*	*4,001*	*97%*	*23.2*		
60. Ming Ave & SR99 NB Ramps						
NB - Sears	69	69	100%	31.9	C	D
SB - SR99 SB Off Ramp	790	624	79%	23.7	C	
EB - Ming Ave	2,060	2,093	102%	48.5	D	
WB - Ming Ave	923	932	101%	18.0	B	
Intersection Total	*3,842*	*3,718*	*97%*	*36.4*		
61. Ming Ave & Castro Ln						
NB - Castro Ln	79	78	99%	30.2	C	C
SB - Castro Ln	169	169	100%	22.3	C	
EB - Ming Ave	1,150	1,126	98%	18.4	B	
WB - Ming Ave	864	864	100%	34.5	C	
Intersection Total	*2,262*	*2,237*	*99%*	*25.3*		
66. Brundage Ln & H St						
NB - H St	1,183	1,206	102%	24.4	C	C
SB - H St	437	434	99%	29.9	C	
EB - Brundage Ln	815	812	100%	28.5	C	
WB - Brundage Ln	606	594	98%	39.3	D	
Intersection Total	*3,041*	*3,046*	*100%*	*29.2*		
67. SR58 WB Ramp & H St						
NB - H St	1,124	1,084	96%	3.1	A	C
SB - H St	659	663	101%	17.9	B	
WB - Richland St	486	648	133%	52.8	D	
Intersection Total	*2,269*	*2,395*	*106%*	*20.6*		
68. SR58 EB Ramp & H St						
NB - H St	1,058	1,051	99%	43.0	D	D
SB - H St	660	676	102%	26.4	C	
EB - SR58 EB Off Ramp	546	485	89%	42.6	D	
Intersection Total	*2,264*	*2,212*	*98%*	*40.0*		
70. Brundage Ln & Chester Ave						
NB - Chester Ave	948	750	79%	16.5	B	C
SB - Chester Ave	629	628	100%	30.2	C	
EB - Brundage Ln	797	785	98%	20.3	C	
WB - Brundage Ln	454	457	101%	29.7	C	
Intersection Total	*2,828*	*2,620*	*93%*	*23.2*		
71. SR58 WB Ramp & Chester Ave						
NB - Chester Ave	744	698	94%	2.3	A	C
SB - Chester Ave	762	723	95%	44.0	D	
WB - Richland St	735	751	102%	30.6	C	
Intersection Total	*2,241*	*2,172*	*97%*	*26.0*		
72. SR58 EB Ramp & Chester Ave						
NB - Chester Ave	779	785	101%	34.3	C	C
SB - Chester Ave	825	782	95%	19.7	B	
EB - Frontage Rd	526	521	99%	43.4	D	
Intersection Total	*2,130*	*2,088*	*98%*	*30.7*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - AM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
74. Brundage Ln & Union Ave						
NB - Union Ave	1,989	1,873	94%	79.8	E	D
SB - Union Ave	1,619	1,617	100%	31.7	C	
EB - Brundage Ln	414	414	100%	31.9	C	
WB - Brundage Ln	1,190	1,226	103%	21.5	C	
Intersection Total	***5,212***	***5,130***	***98%***	***46.8***		
75. Brundage Ln & SR58 WB Ramps (Union Ave)						
NB - SR58 WB Off Ramp	880	938	107%	9.7	A	C
SB - Liggett St	77	74	96%	32.2	C	
EB - Brundage Ln	538	502	93%	53.7	D	
WB - Brundage Ln	416	412	99%	60.2	E	
Intersection Total	***1,911***	***1,926***	***101%***	***23.4***		
76. SR58 EB Ramp & Union Ave						
NB - Union Ave	1,643	1,637	100%	19.7	B	B
SB - Union Ave	1,145	1,201	105%	15.9	B	
EB - SR58 EB Off Ramp	915	795	87%	18.7	B	
Intersection Total	***3,703***	***3,633***	***98%***	***18.0***		
77.Cottonwood Rd & Brundage Ln						
NB - Cottonwood Rd	792	739	93%	20.8	C	C
SB - Cottonwood Rd	212	455	215%	31.5	C	
EB - Brundage Ln	211	210	100%	27.3	C	
WB - Brundage Ln	553	545	99%	51.1	D	
Intersection Total	***1,768***	***1,949***	***110%***	***28.8***		
78. Brundage Ln & SR58 WB Ramps (Cottonwood Rd)						
NB - SR58 WB Off Ramp	255	234	92%	22.7	C	C
SB - Driveway	13	12	92%	17.0	B	
EB - Brundage Ln	588	596	101%	27.4	C	
WB - Brundage Ln	422	421	100%	30.1	C	
Intersection Total	***1,278***	***1,263***	***99%***	***27.3***		
79. Cottonwood Rd & SR 58 EB Off Ramp						
NB - Cottonwood Rd	702	703	100%	13.5	B	B
SB - Cottonwood Rd	495	644	130%	18.4	B	
EB - SR-58 EB off Ramp	550	504	92%	15.8	B	
Intersection Total	***1,747***	***1,851***	***106%***	***15.8***		

HCM Signalized Intersection Capacity Analysis
1: Stockdale Hwy & I-5 SB Off-ramp

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0		4.0	4.0						4.0	
Lane Util. Factor		0.95		1.00	0.95						1.00	
Frt		0.99		1.00	1.00						1.00	
Flt Protected		1.00		0.95	1.00						0.95	
Satd. Flow (prot)		3492		1770	3539						1770	
Flt Permitted		1.00		0.72	1.00						0.95	
Satd. Flow (perm)		3492		1339	3539						1770	
Volume (vph)	0	41	4	21	127	0	0	0	0	312	0	0
Peak-hour factor, PHF	0.80	0.80	0.80	0.84	0.84	0.84	0.92	0.92	0.92	0.90	0.90	0.90
Adj. Flow (vph)	0	51	5	25	151	0	0	0	0	347	0	0
RTOR Reduction (vph)	0	4	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	0	52	0	25	151	0	0	0	0	0	347	0
Turn Type				Perm						Split		
Protected Phases		4			8					6	6	
Permitted Phases				8								
Actuated Green, G (s)		7.5		7.5	7.5						44.5	
Effective Green, g (s)		7.5		7.5	7.5						44.5	
Actuated g/C Ratio		0.12		0.12	0.12						0.74	
Clearance Time (s)		4.0		4.0	4.0						4.0	
Vehicle Extension (s)		3.0		3.0	3.0						3.0	
Lane Grp Cap (vph)		437		167	442						1313	
v/s Ratio Prot		0.02			c0.04						c0.20	
v/s Ratio Perm				0.02								
v/c Ratio		0.12		0.15	0.34						0.26	
Uniform Delay, d1		23.3		23.4	24.0						2.5	
Progression Factor		1.00		1.16	1.09						1.00	
Incremental Delay, d2		0.1		0.4	0.5						0.5	
Delay (s)		23.4		27.5	26.6						3.0	
Level of Service		C		C	C						A	
Approach Delay (s)		23.4			26.7			0.0			3.0	
Approach LOS		C			C			A			A	

Intersection Summary			
HCM Average Control Delay	12.2	HCM Level of Service	B
HCM Volume to Capacity ratio	0.28		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	34.3%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.92	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1770	3539	1583	1770	3539	1583	1770	1863	1583	1770	1717	
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	1770	3539	1583	1770	3539	1583	1770	1863	1583	1770	1717	
Volume (vph)	6	890	20	79	946	85	10	20	250	196	10	11
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.88	0.88	0.88	0.88	0.88	0.88
Adj. Flow (vph)	6	957	22	85	1017	91	11	23	284	223	11	12
RTOR Reduction (vph)	0	0	6	0	0	11	0	0	40	0	5	0
Lane Group Flow (vph)	6	957	16	85	1017	80	11	23	244	223	18	0
Turn Type	Prot		Perm	Prot		Perm	Prot		Perm	Prot		
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			
Actuated Green, G (s)	0.8	42.3	42.3	14.7	56.2	56.2	7.4	24.7	24.7	22.3	39.6	
Effective Green, g (s)	0.8	42.3	42.3	14.7	56.2	56.2	7.4	24.7	24.7	22.3	39.6	
Actuated g/C Ratio	0.01	0.35	0.35	0.12	0.47	0.47	0.06	0.21	0.21	0.19	0.33	
Clearance Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	12	1247	558	217	1657	741	109	383	326	329	567	
v/s Ratio Prot	0.00	c0.27		c0.05	c0.29		0.01	0.01		c0.13	0.01	
v/s Ratio Perm			0.01			0.06			0.18			
v/c Ratio	0.50	0.77	0.03	0.39	0.61	0.11	0.10	0.06	0.75	0.68	0.03	
Uniform Delay, d1	59.4	34.5	25.4	48.5	23.8	17.9	53.2	38.3	44.7	45.5	27.2	
Progression Factor	0.78	0.49	0.32	0.62	0.26	0.09	1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	24.4	2.4	0.0	0.9	0.5	0.0	0.4	0.3	14.6	5.5	0.1	
Delay (s)	70.9	19.3	8.2	31.0	6.8	1.7	53.6	38.6	59.4	51.0	27.3	
Level of Service	E	B	A	C	A	A	D	D	E	D	C	
Approach Delay (s)		19.4			8.1			57.7			48.8	
Approach LOS		B			A			E			D	

Intersection Summary			
HCM Average Control Delay	21.5	HCM Level of Service	C
HCM Volume to Capacity ratio	0.72		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	60.9%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
13: Rosedale Hwy & Allen Road

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	
Lane Util. Factor	0.97	0.91	1.00	0.97	0.95	1.00	0.97	0.91		0.97	0.91	
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.96		1.00	0.99	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (prot)	3433	4759	1524	3213	3167	1468	3273	4732		3183	4990	
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (perm)	3433	4759	1524	3213	3167	1468	3273	4732		3183	4990	
Volume (vph)	112	762	98	214	477	173	113	603	228	303	993	46
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94
Adj. Flow (vph)	120	819	105	230	513	186	122	648	245	322	1056	49
RTOR Reduction (vph)	0	0	9	0	0	19	0	0	0	0	0	0
Lane Group Flow (vph)	120	819	96	230	513	167	122	893	0	322	1105	0
Heavy Vehicles (%)	2%	9%	6%	9%	14%	10%	7%	4%	8%	10%	3%	9%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6						
Actuated Green, G (s)	6.0	31.8	31.8	6.0	31.8	31.8	6.6	25.7		7.1	26.2	
Effective Green, g (s)	7.3	34.8	34.8	7.3	34.8	34.8	7.5	28.7		8.0	29.2	
Actuated g/C Ratio	0.08	0.37	0.37	0.08	0.37	0.37	0.08	0.30		0.08	0.31	
Clearance Time (s)	5.3	7.0	7.0	5.3	7.0	7.0	4.9	7.0		4.9	7.0	
Vehicle Extension (s)	2.0	6.0	6.0	2.0	5.3	5.3	2.0	3.1		2.0	2.4	
Lane Grp Cap (vph)	264	1747	559	247	1163	539	259	1433		269	1537	
v/s Ratio Prot	0.03	c0.17		c0.07	0.16		0.04	0.19		c0.10	c0.22	
v/s Ratio Perm			0.07			0.13						
v/c Ratio	0.45	0.47	0.17	0.93	0.44	0.31	0.47	0.62		1.20	0.72	
Uniform Delay, d1	41.8	22.9	20.3	43.5	22.7	21.4	41.8	28.4		43.4	29.2	
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Incremental Delay, d2	0.5	0.9	0.7	38.4	1.2	1.5	0.5	0.9		119.0	1.5	
Delay (s)	42.3	23.8	20.9	81.9	23.9	22.9	42.2	29.3		162.4	30.6	
Level of Service	D	C	C	F	C	C	D	C		F	C	
Approach Delay (s)		25.7			38.1			30.8			60.4	
Approach LOS		C			D			C			E	

Intersection Summary			
HCM Average Control Delay	40.7	HCM Level of Service	D
HCM Volume to Capacity ratio	0.65		
Actuated Cycle Length (s)	94.8	Sum of lost time (s)	12.0
Intersection Capacity Utilization	59.6%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
17: san juan & Allen Road

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor		1.00		1.00	1.00		1.00	0.91	1.00	1.00	0.91	1.00
Frt		0.96		1.00	0.85		1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected		0.97		0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)		1729		1770	1584		1770	5085	1583	1770	5085	1583
Flt Permitted		0.40		0.67	1.00		0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)		714		1239	1584		1770	5085	1583	1770	5085	1583
Volume (vph)	123	1	50	67	1	218	50	1270	81	186	969	65
Peak-hour factor, PHF	0.88	0.88	0.88	0.88	0.88	0.88	0.94	0.94	0.94	0.93	0.93	0.93
Adj. Flow (vph)	140	1	57	76	1	248	53	1351	86	200	1042	70
RTOR Reduction (vph)	0	15	0	0	191	0	0	0	13	0	0	4
Lane Group Flow (vph)	0	183	0	76	58	0	53	1351	73	200	1042	66
Turn Type	Perm			Perm			Prot		Perm	Prot		Perm
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4			8					2			6
Actuated Green, G (s)		25.3		25.3	25.3		6.8	52.6	52.6	20.1	65.9	65.9
Effective Green, g (s)		25.3		25.3	25.3		6.8	52.6	52.6	20.1	65.9	65.9
Actuated g/C Ratio		0.23		0.23	0.23		0.06	0.48	0.48	0.18	0.60	0.60
Clearance Time (s)		4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)		3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		164		285	364		109	2432	757	323	3046	948
v/s Ratio Prot					0.16		0.03	c0.27		c0.11	0.20	
v/s Ratio Perm		c0.28		0.06					0.05			0.04
v/c Ratio		1.11		0.27	0.16		0.49	0.56	0.10	0.62	0.34	0.07
Uniform Delay, d1		42.4		34.7	33.9		49.9	20.4	15.7	41.4	11.1	9.2
Progression Factor		1.00		1.00	1.00		1.02	0.39	0.37	0.98	0.88	0.83
Incremental Delay, d2		103.9		0.5	0.2		2.5	0.7	0.2	3.4	0.3	0.1
Delay (s)		146.3		35.2	34.1		53.6	8.6	5.9	44.1	10.1	7.8
Level of Service		F		D	C		D	A	A	D	B	A
Approach Delay (s)		146.3			34.3			10.0			15.2	
Approach LOS		F			C			B			B	

Intersection Summary			
HCM Average Control Delay	22.6	HCM Level of Service	C
HCM Volume to Capacity ratio	0.74		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	71.6%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.95		1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3367	4673	1509	3155	4550	1429	3019	4561		3242	4940	1455
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3367	4673	1509	3155	4550	1429	3019	4561		3242	4940	1455
Volume (vph)	152	1515	246	259	806	115	182	654	281	305	975	101
Peak-hour factor, PHF	0.95	0.95	0.95	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94
Adj. Flow (vph)	160	1595	259	278	867	124	196	703	302	324	1037	107
RTOR Reduction (vph)	0	0	23	0	0	13	0	0	0	0	0	10
Lane Group Flow (vph)	160	1595	236	278	867	111	196	1005	0	324	1037	97
Heavy Vehicles (%)	4%	11%	7%	11%	14%	13%	16%	8%	10%	8%	5%	11%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6						4
Actuated Green, G (s)	8.8	35.1	35.1	6.7	33.0	33.0	7.7	34.0		7.8	34.1	34.1
Effective Green, g (s)	11.1	38.0	38.0	9.0	35.9	35.9	9.9	37.0		10.0	37.1	37.1
Actuated g/C Ratio	0.10	0.35	0.35	0.08	0.33	0.33	0.09	0.34		0.09	0.34	0.34
Clearance Time (s)	6.3	6.9	6.9	6.3	6.9	6.9	6.2	7.0		6.2	7.0	7.0
Vehicle Extension (s)	2.0	5.9	5.9	2.0	6.5	6.5	2.0	4.3		2.0	4.3	4.3
Lane Grp Cap (vph)	340	1614	521	258	1485	466	272	1534		295	1666	491
v/s Ratio Prot	0.05	c0.34		c0.09	0.19		0.06	c0.22		c0.10	0.21	
v/s Ratio Perm			0.17			0.09						0.07
v/c Ratio	0.47	0.99	0.45	1.08	0.58	0.24	0.72	0.66		1.10	0.62	0.20
Uniform Delay, d1	46.7	35.8	27.9	50.5	30.8	27.1	48.7	31.1		50.0	30.6	25.9
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	0.4	19.6	1.7	78.2	1.2	0.8	7.7	2.2		81.3	1.8	0.9
Delay (s)	47.1	55.4	29.7	128.7	32.1	27.9	56.4	33.3		131.3	32.3	26.8
Level of Service	D	E	C	F	C	C	E	C		F	C	C
Approach Delay (s)		51.4			52.8			37.0			53.8	
Approach LOS		D			D			D			D	

Intersection Summary			
HCM Average Control Delay	49.4	HCM Level of Service	D
HCM Volume to Capacity ratio	0.84		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	77.6%	ICU Level of Service	D
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
24: Rosedale Hwy & Coffee Road

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.94	0.91	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3183	4759	1468	3213	4673	1495	4586	4988	1495	3303	4940	1392
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3183	4759	1468	3213	4673	1495	4586	4988	1495	3303	4940	1392
Volume (vph)	217	1816	210	333	1133	136	402	925	618	295	898	50
Peak-hour factor, PHF	0.95	0.95	0.95	0.94	0.94	0.94	0.95	0.95	0.95	0.93	0.93	0.93
Adj. Flow (vph)	228	1912	221	354	1205	145	423	974	651	317	966	54
RTOR Reduction (vph)	0	0	32	0	0	16	0	0	46	0	0	16
Lane Group Flow (vph)	228	1912	189	354	1205	129	423	974	606	317	966	38
Heavy Vehicles (%)	10%	9%	10%	9%	11%	8%	11%	4%	8%	6%	5%	16%
Turn Type	Prot		Perm	Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6			8			4
Actuated Green, G (s)	9.2	40.0	40.0	7.7	38.5	38.5	6.0	38.5	38.5	6.8	39.3	39.3
Effective Green, g (s)	11.5	43.0	43.0	10.0	41.5	41.5	8.2	42.0	42.0	9.0	42.8	42.8
Actuated g/C Ratio	0.10	0.36	0.36	0.08	0.35	0.35	0.07	0.35	0.35	0.08	0.36	0.36
Clearance Time (s)	6.3	7.0	7.0	6.3	7.0	7.0	6.2	7.5	7.5	6.2	7.5	7.5
Vehicle Extension (s)	2.0	4.6	4.6	2.0	4.9	4.9	2.0	6.0	6.0	2.0	6.0	6.0
Lane Grp Cap (vph)	305	1705	526	268	1616	517	313	1746	523	248	1762	496
v/s Ratio Prot	0.07	c0.40		c0.11	0.26		0.09	0.20		c0.10	0.20	
v/s Ratio Perm			0.15			0.10			0.44			0.04
v/c Ratio	0.75	1.12	0.36	1.32	0.75	0.25	1.35	0.56	1.16	1.28	0.55	0.08
Uniform Delay, d1	52.8	38.5	28.4	55.0	34.6	28.1	55.9	31.5	39.0	55.5	30.9	25.5
Progression Factor	1.00	1.00	1.00	0.85	0.73	0.57	0.88	0.56	0.64	1.00	1.00	1.00
Incremental Delay, d2	8.5	63.1	1.9	160.6	2.1	0.8	175.4	1.1	88.5	152.6	1.2	0.3
Delay (s)	61.3	101.6	30.3	207.2	27.2	16.7	224.3	18.8	113.5	208.1	32.1	25.8
Level of Service	E	F	C	F	C	B	F	B	F	F	C	C
Approach Delay (s)		91.0			63.7			91.3			73.6	
Approach LOS		F			E			F			E	

Intersection Summary			
HCM Average Control Delay	81.7	HCM Level of Service	F
HCM Volume to Capacity ratio	1.16		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	91.8%	ICU Level of Service	F
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
29: Stockdale Highway & Coffee Road

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3433	4988	1495	3367	4940	1495	3433	5007		3400	4988	1553
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3433	4988	1495	3367	4940	1495	3433	5007		3400	4988	1553
Volume (vph)	504	1068	71	247	610	318	254	1590	169	494	1256	325
Peak-hour factor, PHF	0.94	0.94	0.94	0.93	0.93	0.93	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	536	1136	76	266	656	342	267	1674	178	520	1322	342
RTOR Reduction (vph)	0	0	9	0	0	27	0	0	0	0	0	38
Lane Group Flow (vph)	536	1136	67	266	656	315	267	1852	0	520	1322	304
Heavy Vehicles (%)	2%	4%	8%	4%	5%	8%	2%	2%	3%	3%	4%	4%
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		Perm
Protected Phases	3	8		7	4		1	6		5	2	
Permitted Phases			8			4						2
Actuated Green, G (s)	17.2	31.0	31.0	11.4	25.2	25.2	15.0	40.6		17.0	42.6	42.6
Effective Green, g (s)	17.2	33.0	33.0	11.4	27.2	27.2	15.0	42.6		17.0	44.6	44.6
Actuated g/C Ratio	0.14	0.28	0.28	0.10	0.23	0.23	0.12	0.36		0.14	0.37	0.37
Clearance Time (s)	4.0	6.0	6.0	4.0	6.0	6.0	4.0	6.0		4.0	6.0	6.0
Vehicle Extension (s)	1.0	2.0	2.0	1.0	2.0	2.0	1.0	2.0		1.0	2.0	2.0
Lane Grp Cap (vph)	492	1372	411	320	1120	339	429	1777		482	1854	577
v/s Ratio Prot	c0.16	0.23		0.08	0.13		0.08	c0.37		c0.15	0.27	
v/s Ratio Perm			0.05			0.23						0.22
v/c Ratio	1.09	0.83	0.16	0.83	0.59	0.93	0.62	1.04		1.08	0.71	0.53
Uniform Delay, d1	51.4	40.8	33.0	53.4	41.4	45.5	49.8	38.7		51.5	32.2	29.5
Progression Factor	0.72	0.50	0.42	1.00	1.00	1.00	1.00	1.00		0.93	0.98	1.01
Incremental Delay, d2	61.6	3.0	0.1	15.9	0.5	30.5	2.0	33.3		61.3	2.1	3.0
Delay (s)	98.5	23.6	14.0	69.3	41.9	75.9	51.8	72.0		109.1	33.5	32.8
Level of Service	F	C	B	E	D	E	D	E		F	C	C
Approach Delay (s)		46.2			56.8			69.4			51.4	
Approach LOS		D			E			E			D	

Intersection Summary			
HCM Average Control Delay	56.3	HCM Level of Service	E
HCM Volume to Capacity ratio	1.01		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	89.6%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
30: Rosedale Hwy & Mohawk Street

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	0.91	1.00	0.94	0.91	1.00	0.94	0.91	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3155	4940	1429	4627	4803	1429	4757	4803	1417	3273	4803	1455
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3155	4940	1429	4627	4803	1429	4757	4803	1417	3273	4803	1455
Volume (vph)	52	2349	324	593	1628	204	154	433	350	428	740	57
Peak-hour factor, PHF	0.96	0.96	0.96	0.95	0.95	0.95	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	54	2447	338	624	1714	215	166	466	376	460	796	61
RTOR Reduction (vph)	0	0	23	0	0	19	0	0	36	0	0	8
Lane Group Flow (vph)	54	2447	315	624	1714	196	166	466	340	460	796	53
Heavy Vehicles (%)	11%	5%	13%	10%	8%	13%	7%	8%	14%	7%	8%	11%
Turn Type	Prot		Perm	Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases			2			6			8			4
Actuated Green, G (s)	4.8	47.8	47.8	8.0	51.0	51.0	6.0	32.4	32.4	6.8	33.2	33.2
Effective Green, g (s)	7.1	50.1	50.1	10.3	53.3	53.3	8.2	34.6	34.6	9.0	35.4	35.4
Actuated g/C Ratio	0.06	0.42	0.42	0.09	0.44	0.44	0.07	0.29	0.29	0.08	0.29	0.29
Clearance Time (s)	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	187	2062	597	397	2133	635	325	1385	409	245	1417	429
v/s Ratio Prot	0.02	c0.50		c0.13	0.36		0.03	0.10		c0.14	0.17	
v/s Ratio Perm			0.24			0.15			0.27			0.04
v/c Ratio	0.29	1.19	0.53	1.57	0.80	0.31	0.51	0.34	0.83	1.88	0.56	0.12
Uniform Delay, d1	54.0	35.0	26.1	54.9	28.8	21.5	54.0	33.7	40.0	55.5	35.7	30.9
Progression Factor	1.23	0.40	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.1	84.5	0.3	269.2	3.3	1.3	1.4	0.1	13.5	410.0	0.5	0.1
Delay (s)	66.3	98.4	9.0	324.1	32.2	22.7	55.3	33.8	53.5	465.5	36.3	31.1
Level of Service	E	F	A	F	C	C	E	C	D	F	D	C
Approach Delay (s)		87.1			102.7			44.7			186.0	
Approach LOS		F			F			D			F	

Intersection Summary			
HCM Average Control Delay	103.6	HCM Level of Service	F
HCM Volume to Capacity ratio	1.20		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	90.6%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
34: Mohawk Street & California Avenue

7/25/2012

Movement	WBL	WBR	WBR2	NBL	NBT	NBR	SBL	SBT	SBR	SEL2	SEL	SER
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00		0.97	0.91		1.00	0.91	1.00	0.95	0.95	0.88
Frt	1.00	0.85		1.00	0.99		1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	0.95	1.00
Satd. Flow (prot)	1752	1560		3433	5022		1770	4988	1583	1681	1657	2787
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	0.95	1.00
Satd. Flow (perm)	1752	1560		3433	5022		1770	4988	1583	1681	1657	2787
Volume (vph)	39	37	13	1563	1064	96	80	770	414	871	148	857
Peak-hour factor, PHF	0.84	0.84	0.84	0.96	0.96	0.96	0.94	0.94	0.94	0.95	0.95	0.95
Adj. Flow (vph)	46	44	15	1628	1108	100	85	819	440	917	156	902
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	26	0	0	50
Lane Group Flow (vph)	46	59	0	1628	1208	0	85	819	414	549	524	852
Heavy Vehicles (%)	3%	2%	8%	2%	2%	2%	2%	4%	2%	2%	7%	2%
Turn Type	Split			Prot			Prot		Perm	Split		pm+ov
Protected Phases	3	3		5	2		1	6		4	4	5
Permitted Phases									6			4
Actuated Green, G (s)	4.8	4.8		37.8	58.6		7.6	28.4	28.4	30.7	30.7	68.5
Effective Green, g (s)	4.8	4.8		37.8	59.6		7.6	29.4	29.4	32.0	32.0	69.8
Actuated g/C Ratio	0.04	0.04		0.31	0.50		0.06	0.24	0.24	0.27	0.27	0.58
Clearance Time (s)	4.0	4.0		4.0	5.0		4.0	5.0	5.0	5.3	5.3	4.0
Vehicle Extension (s)	1.5	1.5		1.0	2.0		1.0	2.0	2.0	2.0	2.0	1.0
Lane Grp Cap (vph)	70	62		1081	2494		112	1222	388	448	442	1714
v/s Ratio Prot	0.03	c0.04		c0.47	0.24		0.05	0.16		c0.33	0.32	0.17
v/s Ratio Perm									0.28			0.16
v/c Ratio	0.66	0.95		1.51	0.48		0.76	0.67	1.07	1.23	1.19	0.50
Uniform Delay, d1	56.8	57.5		41.1	20.0		55.3	40.9	45.3	44.0	44.0	14.8
Progression Factor	1.00	1.00		0.56	0.30		0.98	0.32	0.29	1.00	1.00	1.00
Incremental Delay, d2	15.7	96.0		230.4	0.4		19.7	2.5	60.9	119.9	104.3	0.1
Delay (s)	72.4	153.5		253.4	6.3		73.8	15.4	74.1	163.9	148.3	14.9
Level of Service	E	F		F	A		E	B	E	F	F	B
Approach Delay (s)	118.0				148.2			38.3			91.7	
Approach LOS	F				F			D			F	

Intersection Summary			
HCM Average Control Delay	106.3	HCM Level of Service	F
HCM Volume to Capacity ratio	1.29		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	104.4%	ICU Level of Service	G
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
35: Stockdale Highway & California Avenue

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	0.97	0.91		0.97	0.91	1.00	0.97	0.91		0.97	0.91	1.00
Frt	1.00	0.98		1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3433	4928		3273	4759	1583	3400	5036		3303	4893	1495
Flt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3433	4928		3273	4759	1583	3400	5036		3303	4893	1495
Volume (vph)	600	1249	194	127	1000	717	235	1433	87	432	758	332
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96
Adj. Flow (vph)	632	1315	204	134	1053	755	247	1508	92	450	790	346
RTOR Reduction (vph)	0	0	0	0	0	38	0	0	0	0	0	29
Lane Group Flow (vph)	632	1519	0	134	1053	717	247	1600	0	450	790	317
Heavy Vehicles (%)	2%	3%	4%	7%	9%	2%	3%	2%	4%	6%	6%	8%
Turn Type	Prot			Prot		Perm	Prot			Prot		Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases						8						6
Actuated Green, G (s)	15.0	48.7		9.0	42.7	42.7	11.0	31.7		12.0	32.7	32.7
Effective Green, g (s)	15.0	50.0		9.0	44.0	44.0	11.0	33.0		12.0	34.0	34.0
Actuated g/C Ratio	0.12	0.42		0.08	0.37	0.37	0.09	0.28		0.10	0.28	0.28
Clearance Time (s)	4.0	5.3		4.0	5.3	5.3	4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	0.5	2.0		0.5	2.0	2.0	0.5	2.0		0.5	2.0	2.0
Lane Grp Cap (vph)	429	2053		245	1745	580	312	1385		330	1386	424
v/s Ratio Prot	c0.18	0.31		0.04	0.22		0.07	c0.32		c0.14	0.16	
v/s Ratio Perm						0.48						0.23
v/c Ratio	1.47	0.74		0.55	0.60	1.24	0.79	1.16		1.36	0.57	0.75
Uniform Delay, d1	52.5	29.5		53.5	30.9	38.0	53.4	43.5		54.0	36.8	39.1
Progression Factor	1.00	1.00		0.57	0.76	0.72	1.00	1.00		0.65	0.59	0.53
Incremental Delay, d2	225.3	2.4		0.7	0.8	113.8	12.0	78.5		179.4	1.4	9.8
Delay (s)	277.8	32.0		31.2	24.2	141.3	65.4	122.0		214.5	23.1	30.6
Level of Service	F	C		C	C	F	E	F		F	C	C
Approach Delay (s)		104.2			70.2			114.4			79.1	
Approach LOS		F			E			F			E	

Intersection Summary			
HCM Average Control Delay	92.6	HCM Level of Service	F
HCM Volume to Capacity ratio	1.24		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	101.1%	ICU Level of Service	G
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
44: Empire & Truxtun Ave 7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	1.00		0.95	0.95	
Frt	1.00	1.00		1.00	0.99		1.00	0.86		1.00	0.90	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	0.99	
Satd. Flow (prot)	1770	5082		1770	5057		1770	1593		1681	1568	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	0.99	
Satd. Flow (perm)	1770	5082		1770	5057		1770	1593		1681	1568	
Volume (vph)	120	2523	10	40	2105	80	28	3	91	46	3	25
Peak-hour factor, PHF	0.96	0.96	0.96	0.95	0.95	0.95	0.84	0.84	0.84	0.84	0.84	0.84
Adj. Flow (vph)	125	2628	10	42	2216	84	33	4	108	55	4	30
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Lane Group Flow (vph)	125	2638	0	42	2300	0	33	112	0	46	43	0
Turn Type	Prot			Prot			Split			Split		
Protected Phases	7	4		3	8		2	2		6	6	
Permitted Phases												
Actuated Green, G (s)	10.7	68.8		4.0	62.1		15.2	15.2		16.0	16.0	
Effective Green, g (s)	10.7	68.8		4.0	62.1		15.2	15.2		16.0	16.0	
Actuated g/C Ratio	0.09	0.57		0.03	0.52		0.13	0.13		0.13	0.13	
Clearance Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	158	2914		59	2617		224	202		224	209	
v/s Ratio Prot	0.07	c0.52		0.02	c0.45		0.02	c0.07		0.03	c0.03	
v/s Ratio Perm												
v/c Ratio	0.79	0.91		0.71	0.88		0.15	0.55		0.21	0.21	
Uniform Delay, d1	53.6	22.7		57.4	25.6		46.6	49.2		46.3	46.3	
Progression Factor	1.00	1.00		0.66	0.30		1.00	1.00		1.00	1.00	
Incremental Delay, d2	23.1	4.5		3.7	0.4		1.4	10.5		2.1	2.2	
Delay (s)	76.6	27.2		41.3	8.2		48.0	59.8		48.4	48.6	
Level of Service	E	C		D	A		D	E		D	D	
Approach Delay (s)		29.4			8.8			57.1			48.5	
Approach LOS		C			A			E			D	

Intersection Summary

HCM Average Control Delay	21.4	HCM Level of Service	C
HCM Volume to Capacity ratio	0.74		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	71.1%	ICU Level of Service	C
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
50: Stockdale Hwy & Stine Rd

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0			4.0	4.0		4.0	
Lane Util. Factor	1.00	0.95		1.00	0.95			1.00	1.00		1.00	
Frt	1.00	0.99		1.00	0.99			1.00	0.85		0.98	
Flt Protected	0.95	1.00		0.95	1.00			0.96	1.00		0.98	
Satd. Flow (prot)	1770	3423		1770	3388			1784	1568		1783	
Flt Permitted	0.95	1.00		0.95	1.00			0.96	1.00		0.98	
Satd. Flow (perm)	1770	3423		1770	3388			1784	1568		1783	
Volume (vph)	21	1751	68	197	1856	89	83	31	229	87	92	26
Peak-hour factor, PHF	0.94	0.94	0.94	0.95	0.95	0.95	0.90	0.90	0.90	0.88	0.88	0.88
Adj. Flow (vph)	22	1863	72	207	1954	94	92	34	254	99	105	30
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	17	0	0	0
Lane Group Flow (vph)	22	1935	0	207	2048	0	0	126	237	0	234	0
Heavy Vehicles (%)	2%	5%	2%	2%	6%	2%	3%	2%	3%	3%	2%	3%
Turn Type	Prot			Prot			Split		Perm	Split		
Protected Phases	5	2		1	6		3	3		4	4	
Permitted Phases									3			
Actuated Green, G (s)	2.7	57.1		13.9	68.3			17.5	17.5		16.5	
Effective Green, g (s)	2.2	57.6		13.4	68.8			17.0	17.0		16.0	
Actuated g/C Ratio	0.02	0.48		0.11	0.57			0.14	0.14		0.13	
Clearance Time (s)	3.5	4.5		3.5	4.5			3.5	3.5		3.5	
Vehicle Extension (s)	3.0	3.0		3.0	3.0			3.0	3.0		3.0	
Lane Grp Cap (vph)	32	1643		198	1942			253	222		238	
v/s Ratio Prot	0.01	c0.57		0.12	c0.60			0.07			c0.13	
v/s Ratio Perm									0.16			
v/c Ratio	0.69	1.18		1.05	1.05			0.50	1.07		0.98	
Uniform Delay, d1	58.6	31.2		53.3	25.6			47.6	51.5		51.9	
Progression Factor	1.04	0.74		1.00	1.00			1.00	1.00		1.00	
Incremental Delay, d2	39.3	85.4		76.4	36.6			1.5	79.2		53.3	
Delay (s)	100.3	108.4		129.7	62.2			49.1	130.7		105.1	
Level of Service	F	F		F	E			D	F		F	
Approach Delay (s)		108.4			68.4			103.6			105.1	
Approach LOS		F			E			F			F	

Intersection Summary			
HCM Average Control Delay	89.2	HCM Level of Service	F
HCM Volume to Capacity ratio	1.11		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	89.4%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
56: Ming Avenue & New Stine Road

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	0.97	0.91		0.97	0.91		0.97	0.91	1.00	0.97	0.91	
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	0.99	1.00	1.00	
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.99		1.00	0.98		1.00	1.00	0.85	1.00	0.96	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	3433	5013		3433	4976		3433	5085	1560	3433	4854	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	3433	5013		3433	4976		3433	5085	1560	3433	4854	
Volume (vph)	668	1582	149	115	1050	159	299	1493	90	83	643	247
Peak-hour factor, PHF	0.95	0.95	0.95	0.94	0.94	0.94	0.95	0.95	0.95	0.93	0.93	0.93
Adj. Flow (vph)	703	1665	157	122	1117	169	315	1572	95	89	691	266
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	10	0	0	0
Lane Group Flow (vph)	703	1822	0	122	1286	0	315	1572	85	89	957	0
Confl. Peds. (#/hr)			2			2			2			2
Turn Type	Prot			Prot			Prot		Perm	Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases									8			
Actuated Green, G (s)	23.0	46.9		6.0	29.9		11.9	33.7	33.7	4.8	26.6	
Effective Green, g (s)	23.0	48.2		6.0	31.2		11.9	35.0	35.0	4.8	27.9	
Actuated g/C Ratio	0.21	0.44		0.05	0.28		0.11	0.32	0.32	0.04	0.25	
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3	5.3	4.0	5.3	
Vehicle Extension (s)	0.5	2.0		0.5	2.0		0.5	2.0	2.0	0.5	2.0	
Lane Grp Cap (vph)	718	2197		187	1411		371	1618	496	150	1231	
v/s Ratio Prot	c0.20	0.36		0.04	c0.26		c0.09	c0.31		0.03	0.20	
v/s Ratio Perm									0.06			
v/c Ratio	0.98	0.83		0.65	0.91		0.85	0.97	0.17	0.59	0.78	
Uniform Delay, d1	43.3	27.3		51.0	38.1		48.2	37.0	27.0	51.6	38.2	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	28.0	3.8		6.1	10.4		15.8	16.0	0.1	4.1	2.9	
Delay (s)	71.2	31.1		57.1	48.5		63.9	53.0	27.1	55.8	41.0	
Level of Service	E	C		E	D		E	D	C	E	D	
Approach Delay (s)		42.2			49.2			53.5			42.3	
Approach LOS		D			D			D			D	

Intersection Summary			
HCM Average Control Delay	46.9	HCM Level of Service	D
HCM Volume to Capacity ratio	0.92		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	90.1%	ICU Level of Service	E
Analysis Period (min)	15		

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
62: White Lane & Wible Road

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	0.97	*0.90		0.97	0.91	1.00	0.97	0.95	1.00	0.97	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00	0.99	1.00	1.00	0.99	1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	1.00	0.99		1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3367	4810		3400	4848	1561	2968	3505	1546	3242	3374	1487
Flt Permitted	0.95	1.00		0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3367	4810		3400	4848	1561	2968	3505	1546	3242	3374	1487
Volume (vph)	120	1916	98	397	1649	215	83	242	473	312	203	97
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.93	0.93	0.93	0.92	0.92	0.92
Adj. Flow (vph)	126	2017	103	418	1736	226	89	260	509	339	221	105
RTOR Reduction (vph)	0	0	0	0	0	37	0	0	80	0	0	8
Lane Group Flow (vph)	126	2120	0	418	1736	189	89	260	429	339	221	97
Confl. Peds. (#/hr)			2			2			2			2
Heavy Vehicles (%)	4%	6%	2%	3%	7%	2%	18%	3%	3%	8%	7%	7%
Turn Type	Prot			Prot		Perm	Prot		Perm	Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases						6			8			4
Actuated Green, G (s)	5.0	41.0		10.0	46.0	46.0	21.3	31.2	31.2	8.8	18.7	18.7
Effective Green, g (s)	5.0	42.7		10.0	47.7	47.7	21.3	32.5	32.5	8.8	20.0	20.0
Actuated g/C Ratio	0.05	0.39		0.09	0.43	0.43	0.19	0.30	0.30	0.08	0.18	0.18
Clearance Time (s)	4.0	5.7		4.0	5.7	5.7	4.0	5.3	5.3	4.0	5.3	5.3
Vehicle Extension (s)	1.0	2.0		1.0	2.0	2.0	1.0	2.0	2.0	1.0	2.0	2.0
Lane Grp Cap (vph)	153	1867		309	2102	677	575	1036	457	259	613	270
v/s Ratio Prot	0.04	c0.44		c0.12	0.36		0.03	0.07		c0.10	0.07	
v/s Ratio Perm						0.14			0.33			0.07
v/c Ratio	0.82	1.14		1.35	0.83	0.28	0.15	0.25	0.94	1.31	0.36	0.36
Uniform Delay, d1	52.1	33.6		50.0	27.5	20.1	36.9	29.5	37.8	50.6	39.4	39.4
Progression Factor	1.00	1.00		1.08	1.04	1.10	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	27.6	68.2		171.6	2.4	0.6	0.0	0.0	26.9	164.0	0.1	0.3
Delay (s)	79.6	101.9		225.6	30.9	22.7	36.9	29.5	64.7	214.6	39.5	39.7
Level of Service	E	F		F	C	C	D	C	E	F	D	D
Approach Delay (s)		100.6			64.3			51.2			128.8	
Approach LOS		F			E			D			F	

Intersection Summary			
HCM Average Control Delay	82.7	HCM Level of Service	F
HCM Volume to Capacity ratio	1.17		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	102.3%	ICU Level of Service	G
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
63: White Lane & SR-99 SB Ramps

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0					4.0		4.0
Lane Util. Factor		0.86	1.00		0.91					0.97		0.88
Frpb, ped/bikes		1.00	1.00		1.00					1.00		1.00
Flpb, ped/bikes		1.00	1.00		1.00					1.00		1.00
Frt		1.00	0.85		0.98					1.00		0.85
Flt Protected		1.00	1.00		1.00					0.95		1.00
Satd. Flow (prot)		6225	1509		4668					3433		2707
Flt Permitted		1.00	1.00		1.00					0.95		1.00
Satd. Flow (perm)		6225	1509		4668					3433		2707
Volume (vph)	0	2240	460	0	1162	210	0	0	0	397	0	1098
Peak-hour factor, PHF	0.96	0.96	0.96	0.94	0.94	0.94	0.93	0.93	0.93	0.94	0.94	0.94
Adj. Flow (vph)	0	2333	479	0	1236	223	0	0	0	422	0	1168
RTOR Reduction (vph)	0	0	132	0	22	0	0	0	0	0	0	19
Lane Group Flow (vph)	0	2333	347	0	1437	0	0	0	0	422	0	1149
Confl. Peds. (#/hr)						2						
Heavy Vehicles (%)	2%	5%	7%	2%	8%	9%	2%	2%	2%	2%	2%	5%
Turn Type			Perm							custom		custom
Protected Phases		2			6					4		
Permitted Phases			2							4		4
Actuated Green, G (s)		47.5	47.5		47.5					50.6		50.6
Effective Green, g (s)		49.8	49.8		49.8					52.2		52.2
Actuated g/C Ratio		0.45	0.45		0.45					0.47		0.47
Clearance Time (s)		6.3	6.3		6.3					5.6		5.6
Vehicle Extension (s)		4.3	4.3		4.9					3.4		3.4
Lane Grp Cap (vph)		2818	683		2113					1629		1285
v/s Ratio Prot		c0.37			0.31					0.12		
v/s Ratio Perm			0.32									0.43
v/c Ratio		0.83	0.51		0.68					0.26		0.89
Uniform Delay, d1		26.3	21.4		23.8					17.3		26.4
Progression Factor		1.16	1.36		0.93					1.00		1.00
Incremental Delay, d2		0.3	0.2		1.2					0.1		8.4
Delay (s)		30.8	29.3		23.5					17.4		34.8
Level of Service		C	C		C					B		C
Approach Delay (s)		30.6			23.5			0.0			30.2	
Approach LOS		C			C			A			C	

Intersection Summary			
HCM Average Control Delay	28.7	HCM Level of Service	C
HCM Volume to Capacity ratio	0.87		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	72.2%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
64: White Lane & SR-99 NB Ramps

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0	4.0	4.0		4.0			
Lane Util. Factor		0.86	0.86		0.91	1.00	1.00		1.00			
Frpb, ped/bikes		1.00	1.00		1.00	0.98	1.00		1.00			
Flpb, ped/bikes		1.00	1.00		1.00	1.00	1.00		1.00			
Frt		0.94	0.85		1.00	0.85	1.00		0.85			
Flt Protected		1.00	1.00		1.00	1.00	0.95		1.00			
Satd. Flow (prot)		4319	1286		4848	1492	1703		1455			
Flt Permitted		1.00	1.00		1.00	1.00	0.95		1.00			
Satd. Flow (perm)		4319	1286		4848	1492	1703		1455			
Volume (vph)	0	1031	1605	0	675	695	697	0	368	0	0	0
Peak-hour factor, PHF	0.96	0.96	0.96	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.92
Adj. Flow (vph)	0	1074	1672	0	718	739	749	0	396	0	0	0
RTOR Reduction (vph)	0	107	0	0	0	0	0	0	17	0	0	0
Lane Group Flow (vph)	0	1664	975	0	718	739	749	0	379	0	0	0
Confl. Peds. (#/hr)						2						
Heavy Vehicles (%)	2%	6%	8%	2%	7%	6%	6%	2%	11%	2%	2%	2%
Turn Type			Free			Free	Prot		custom			
Protected Phases		2			6		8					
Permitted Phases			Free			Free			8			
Actuated Green, G (s)		52.1	110.0		52.1	110.0	47.8		47.8			
Effective Green, g (s)		53.0	110.0		53.0	110.0	49.0		49.0			
Actuated g/C Ratio		0.48	1.00		0.48	1.00	0.45		0.45			
Clearance Time (s)		4.9			4.9		5.2		5.2			
Vehicle Extension (s)		5.7			5.7		5.3		5.3			
Lane Grp Cap (vph)		2081	1286		2336	1492	759		648			
v/s Ratio Prot		c0.41			0.15		c0.44					
v/s Ratio Perm			0.76			0.50			0.27			
v/c Ratio		0.88dr	0.76		0.31	0.50	0.99		0.59			
Uniform Delay, d1		24.0	0.0		17.3	0.0	30.2		22.9			
Progression Factor		0.94	1.00		0.37	1.00	1.00		1.00			
Incremental Delay, d2		2.7	2.3		0.3	0.9	29.3		2.2			
Delay (s)		25.2	2.3		6.8	0.9	59.5		25.1			
Level of Service		C	A		A	A	E		C			
Approach Delay (s)		17.1			3.8			47.6			0.0	
Approach LOS		B			A			D			A	

Intersection Summary			
HCM Average Control Delay	20.0	HCM Level of Service	B
HCM Volume to Capacity ratio	0.92		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	8.0
Intersection Capacity Utilization	77.2%	ICU Level of Service	D
Analysis Period (min)	15		

dr Defacto Right Lane. Recode with 1 though lane as a right lane.

c Critical Lane Group

HCM Signalized Intersection Capacity Analysis
65: White Lane & Hughes Lane

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0	4.0	4.0	4.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	0.95	1.00	1.00	0.95	
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	0.98	1.00	0.99	
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Frt	1.00	0.97		1.00	0.99		1.00	1.00	0.85	1.00	0.91	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1736	4717		1752	4782		1752	3471	1389	1736	3136	
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (perm)	1736	4717		1752	4782		1752	3471	1389	1736	3136	
Volume (vph)	224	941	229	95	832	54	321	195	56	73	128	170
Peak-hour factor, PHF	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.92	0.90	0.90	0.90
Adj. Flow (vph)	238	1001	244	102	895	58	349	212	61	81	142	189
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	3	0	0	0
Lane Group Flow (vph)	238	1245	0	102	953	0	349	212	58	81	331	0
Confl. Peds. (#/hr)			2			3			5			3
Heavy Vehicles (%)	4%	7%	4%	3%	7%	13%	3%	4%	14%	4%	6%	3%
Turn Type	Prot			Prot			Prot		Perm	Prot		
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases									8			
Actuated Green, G (s)	18.1	42.7		8.3	32.9		23.6	33.4	33.4	7.0	16.8	
Effective Green, g (s)	18.1	44.0		8.3	34.2		23.6	34.7	34.7	7.0	18.1	
Actuated g/C Ratio	0.16	0.40		0.08	0.31		0.21	0.32	0.32	0.06	0.16	
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3	5.3	4.0	5.3	
Vehicle Extension (s)	1.0	2.0		1.0	2.0		1.0	2.0	2.0	1.0	2.0	
Lane Grp Cap (vph)	286	1887		132	1487		376	1095	438	110	516	
v/s Ratio Prot	c0.14	0.26		c0.06	c0.20		c0.20	0.06		0.05	c0.11	
v/s Ratio Perm									0.04			
v/c Ratio	0.83	0.66		0.77	0.64		0.93	0.19	0.13	0.74	0.64	
Uniform Delay, d1	44.5	26.9		49.9	32.6		42.4	27.4	26.9	50.6	42.9	
Progression Factor	0.83	0.80		1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	12.1	1.2		22.1	2.1		28.3	0.0	0.0	19.6	2.0	
Delay (s)	48.9	22.8		72.0	34.7		70.6	27.5	26.9	70.2	45.0	
Level of Service	D	C		E	C		E	C	C	E	D	
Approach Delay (s)		27.0			38.4			51.6			49.9	
Approach LOS		C			D			D			D	

Intersection Summary			
HCM Average Control Delay	37.3	HCM Level of Service	D
HCM Volume to Capacity ratio	0.75		
Actuated Cycle Length (s)	110.0	Sum of lost time (s)	16.0
Intersection Capacity Utilization	72.0%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
69: Ming Avenue & H Street

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	1.00	0.95		1.00	0.95		1.00	0.95		1.00	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	0.98
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.99		1.00	0.98		1.00	0.98		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	3334		1736	3213		1703	3423		1770	3471	1500
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1770	3334		1736	3213		1703	3423		1770	3471	1500
Volume (vph)	149	573	35	127	384	55	52	642	87	46	411	103
Peak-hour factor, PHF	0.93	0.93	0.93	0.92	0.92	0.92	0.93	0.93	0.93	0.92	0.92	0.92
Adj. Flow (vph)	160	616	38	138	417	60	56	690	94	50	447	112
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	8
Lane Group Flow (vph)	160	654	0	138	477	0	56	784	0	50	447	104
Confl. Peds. (#/hr)			2			3			2			2
Heavy Vehicles (%)	2%	7%	11%	4%	10%	10%	6%	3%	6%	2%	4%	6%
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases		4										6
Actuated Green, G (s)	18.4	29.1		13.0	23.7		7.0	53.1		6.2	52.3	52.3
Effective Green, g (s)	18.4	30.4		13.0	25.0		7.0	54.4		6.2	53.6	53.6
Actuated g/C Ratio	0.15	0.25		0.11	0.21		0.06	0.45		0.05	0.45	0.45
Clearance Time (s)	4.0	5.3		4.0	5.3		4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	1.0	4.0		1.0	4.0		1.0	4.0		1.0	4.0	4.0
Lane Grp Cap (vph)	271	845		188	669		99	1552		91	1550	670
v/s Ratio Prot	0.09	c0.20		c0.08	0.15		c0.03	c0.23		0.03	0.13	
v/s Ratio Perm												0.07
v/c Ratio	0.59	0.77		0.73	0.71		0.57	0.51		0.55	0.29	0.15
Uniform Delay, d1	47.3	41.6		51.8	44.2		55.0	23.3		55.5	21.1	19.7
Progression Factor	1.00	1.00		0.88	0.57		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	2.3	4.7		11.3	3.6		4.4	1.2		3.6	0.5	0.5
Delay (s)	49.6	46.3		56.9	28.7		59.4	24.4		59.1	21.6	20.2
Level of Service	D	D		E	C		E	C		E	C	C
Approach Delay (s)		47.0			35.0			26.8			24.4	
Approach LOS		D			D			C			C	

Intersection Summary			
HCM Average Control Delay	33.7	HCM Level of Service	C
HCM Volume to Capacity ratio	0.60		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	62.9%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

HCM Signalized Intersection Capacity Analysis
73: Ming Avenue & Chester Avenue

7/25/2012

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	4.0
Lane Util. Factor	1.00	0.95		1.00	0.95		1.00	0.95		1.00	0.95	1.00
Frpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	0.99
Flpb, ped/bikes	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Frt	1.00	0.97		1.00	0.98		1.00	0.99		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1736	3225		1719	3149		1626	3385		1736	3471	1474
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1736	3225		1719	3149		1626	3385		1736	3471	1474
Volume (vph)	188	403	102	66	312	49	123	537	35	28	390	147
Peak-hour factor, PHF	0.92	0.92	0.92	0.90	0.90	0.90	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	204	438	111	73	347	54	134	584	38	30	424	160
RTOR Reduction (vph)	0	0	0	0	0	0	0	0	0	0	0	17
Lane Group Flow (vph)	204	549	0	73	401	0	134	622	0	30	424	143
Confl. Peds. (#/hr)			2			5			4			2
Heavy Vehicles (%)	4%	7%	13%	5%	13%	6%	11%	5%	14%	4%	4%	8%
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	5	2		1	6		3	8		7	4	
Permitted Phases					6							4
Actuated Green, G (s)	25.0	59.8		8.4	43.2		14.5	30.0		3.6	19.1	19.1
Effective Green, g (s)	25.0	60.7		8.4	44.1		14.5	31.3		3.6	20.4	20.4
Actuated g/C Ratio	0.21	0.51		0.07	0.37		0.12	0.26		0.03	0.17	0.17
Clearance Time (s)	4.0	4.9		4.0	4.9		4.0	5.3		4.0	5.3	5.3
Vehicle Extension (s)	1.0	2.0		1.0	2.0		1.0	2.0		1.0	2.0	2.0
Lane Grp Cap (vph)	362	1631		120	1157		196	883		52	590	251
v/s Ratio Prot	c0.12	c0.17		0.04	0.13		0.08	c0.18		0.02	c0.12	
v/s Ratio Perm												0.11
v/c Ratio	0.56	0.34		0.61	0.35		0.68	0.70		0.58	0.72	0.57
Uniform Delay, d1	42.6	17.7		54.2	27.5		50.6	40.2		57.4	47.1	45.8
Progression Factor	0.60	0.20		1.00	1.00		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	0.9	0.4		5.9	0.8		7.6	2.1		9.3	3.5	1.9
Delay (s)	26.5	3.9		60.1	28.3		58.2	42.3		66.7	50.6	47.7
Level of Service	C	A		E	C		E	D		E	D	D
Approach Delay (s)		10.0			33.2			45.1			50.6	
Approach LOS		B			C			D			D	

Intersection Summary			
HCM Average Control Delay	34.1	HCM Level of Service	C
HCM Volume to Capacity ratio	0.52		
Actuated Cycle Length (s)	120.0	Sum of lost time (s)	12.0
Intersection Capacity Utilization	72.0%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

2038 NO-BUILD

PM Peak

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
1. I-5 SB Ramps @ Stockdale Hwy						
SB - I-5 SB Off ramp - STOP Control	544	458	84%	92.0	F	
EB - Stockdale Hwy	193	190	98%	0.0	A	F
WB - Stockdale Hwy	85	70	82%	0.5	A	
Intersection Total	***822***	***718***	87%			
2. I-5 NB Ramps @ Stockdale Hwy						
NB - I-5 NB Off Ramp - STOP Control	69	54	78%	14.0	B	
EB - Stockdale Hwy	706	618	88%	0.0	A	A
WB - Stockdale Hwy	411	372	91%	0.0	A	
Intersection Total	***1,186***	***1,044***	88%			
4. Enos Ln @ Stockdale Hwy						
NB - Enos Ln	469	472	101%	16.4	B	
SB - Enos Ln	266	259	97%	51.8	D	C
EB - Stockdale Hwy	771	659	85%	21.0	C	
WB - Stockdale Hwy	498	484	97%	16.8	B	
Intersection Total	***2,004***	***1,874***	***94%***	***23.0***		
5. SR- 43 @ I-5 NB Ramps						
NB - SR- 43	787	773	98%	0.1	A	
SB - SR-43	479	479	100%	0.0	A	A
WB - I-5 NB Off Ramp - STOP Control	110	79	72%	10.7	B	
Intersection Total	***1,376***	***1,331***	***97%***			
6. SR-43 @ I-5 SB Ramps						
NB - SR- 43	572	570	100%	0.0	A	
SB - SR-43	400	383	96%	1.0	A	A
EB - I-5 SB Ramp - STOP Control	245	231	94%	19.8	C	
Intersection Total	***1,217***	***1,184***	***97%***			
7. Nord Rd @ Stockdale Hwy						
NB - Nord Rd	434	434	100%	15.6	B	
SB - Nord Rd	120	119	99%	31.9	C	C
EB - Stockdale Hwy	988	852	86%	22.0	C	
WB - Stockdale Hwy	1,168	1,137	97%	19.9	B	
Intersection Total	***2,710***	***2,542***	***94%***	***29.1***		
9. Heath Rd @ Stockdale Rd						
NB - Heath Rd	911	904	99%	33.0	C	
SB - Heath Rd	230	225	98%	123.8	F	C
EB - Stockdale Hwy	1,723	1,560	91%	20.1	C	
WB - Stockdale Hwy	2,411	2,333	97%	21.2	C	
Intersection Total	***5,275***	***5,022***	***95%***	***27.6***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
10. WSP @ Stockdale Off/ On						
NB - Stockdale Hwy	341	339	99%	29.6	C	
EB - Stockdale Hwy	2,608	2,448	94%	8.3	A	A
WB - WSP	2,305	2,222	96%	6.6	A	
Intersection Total	***5,254***	***5,009***	***95%***	***9.0***		
11. West Beltway @ WSP WB Ramps						
NB - West Beltway	1,834	1,822	99%	17.0	B	
SB - West Beltway	2,464	2,450	99%	18.8	B	B
WB - WSP WB Off Ramp	1,875	1,776	95%	6.7	A	
Intersection Total	***6,173***	***6,048***	***98%***	***14.7***		
12. West Beltway @ WSP EB Ramps						
NB - West Beltway	2,134	2,121	99%	14.7	B	
SB - West Beltway	1,828	1,794	98%	16.3	B	B
EB - WSP EB off Ramp	955	926	97%	30.1	C	
Intersection Total	***4,917***	***4,841***	***98%***	***18.2***		
14. Allen Rd @ Brihmall Rd						
NB - Allen Rd	1,920	1,845	96%	33.4	C	
SB - Allen Rd	1,400	1,403	100%	39.9	D	C
EB - Brihmall Rd	417	415	100%	17.2	B	
WB - Brihmall Rd	797	795	100%	30.8	C	
Intersection Total	***4,534***	***4,458***	***98%***	***33.5***		
15. Allen Rd @ WSP WB Ramps						
NB - Allen Rd	986	952	97%	49.0	D	
SB - Allen Rd	1,631	1,625	100%	34.8	C	C
WB - Off Ramp/On Ramp WSP WB	1,881	1,788	95%	10.6	B	
Intersection Total	***4,498***	***4,365***	***97%***	***28.0***		
16. Allen Rd @ WSP EB Ramps						
NB - Allen Rd	1,865	1,813	97%	4.4	A	
SB - Allen Rd	2,247	2,183	97%	2.3	A	A
EB - WSP EB off Ramp	180	163	91%	14.1	B	
Intersection Total	***4,292***	***4,159***	***97%***	***3.7***		
18. Allen Rd @ Stockdale Hwy						
NB - Allen Rd	1,064	1,063	100%	31.1	C	
SB - Allen Rd	1,458	1,357	93%	35.6	D	C
EB - Stockdale Hwy	1,001	1,000	100%	37.1	D	
WB - Stockdale Hwy	1,638	1,630	100%	28.1	C	
Intersection Total	***5,161***	***5,050***	***98%***	***32.5***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
20. Calloway Dr @ Brimhall Rd						
NB - Calloway Dr	2,232	2,209	99%	28.1	C	C
SB - Calloway Dr	1,615	1,613	100%	26.4	C	
EB - Brimhall Rd	674	677	100%	20.7	C	
WB - Brimhall Rd	1,635	1,627	100%	34.5	C	
Intersection Total	*6,156*	*6,126*	*100%*	*28.5*		
21. Calloway Dr @ WSP WB Ramps						
NB - Calloway Dr	2,175	2,163	99%	29.9	C	C
SB - Calloway Dr	1,960	1,970	101%	18.5	B	
EB - WSP WB on Ramp	1,015	933	92%	12.4	B	
WB - WSP WB Off Ramp	510	524	103%	18.6	B	
Intersection Total	*5,660*	*5,590*	*99%*	*20.5*		
22. Calloway Dr @ WSP EB Ramps						
NB - Calloway Dr	1,780	1,774	100%	7.0	A	A
SB - Calloway Dr	2,063	2,034	99%	9.3	A	
EB - WSP EB off Ramp	929	917	99%	11.8	B	
Intersection Total	*4,772*	*4,725*	*99%*	*8.9*		
23. Calloway Dr @ Stockdale Hwy						
NB - Calloway Dr	1,991	1,999	100%	33.1	C	D
SB - Calloway Dr	2,596	2,534	98%	53.6	D	
EB - Stockdale Hwy	1,785	1,775	99%	41.9	D	
WB - Stockdale Hwy	1,977	1,978	100%	26.7	C	
Intersection Total	*8,349*	*8,286*	*99%*	*39.7*		
25. Coffee Rd @ Brimhall Rd						
NB - Coffee Rd	1,777	1,794	101%	43.0	D	D
SB - Coffee Rd	2,073	2,050	99%	44.6	D	
EB - Brimhall Rd	1,218	1,219	100%	32.6	C	
WB - Brimhall Rd	1,215	1,098	90%	52.9	D	
Intersection Total	*6,283*	*6,161*	*98%*	*43.2*		
27. Coffee Rd @ WSP EB Ramp						
NB - Coffee Rd	2,867	2,873	100%	24.5	C	B
SB - Coffee Rd	1,869	1,905	102%	12.2	B	
EB - WSP EB off Ramp	1,704	1,634	96%	17.2	B	
Intersection Total	*6,440*	*6,412*	*100%*	*19.0*		
28. Coffee Rd @ Truxtun Ave						
NB - Coffee Rd	2,395	2,386	100%	25.7	C	C
SB - Coffee Rd	2,778	2,755	99%	21.3	C	
WB - Truxtun Ave	1,868	1,863	100%	27.7	C	
Intersection Total	*7,041*	*7,004*	*99%*	*24.5*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
31. Mohawk St @ WSP WB Ramps						
NB - Mohawk St						
SB - Mohawk St						
Intersection Total						
32. Mohawk St @ WSP EB Ramps						
NB - Mohawk St	1,633	1,614	99%	29.7	C	
SB - Mohawk St	1,206	1,217	101%	18.3	B	B
EB - WSP EB off Ramp	1,545	1,493	97%	9.4	A	
Intersection Total	*4,384*	*4,324*	*99%*	*19.5*		
33. Mohawk St @ Truxtun Ave						
NB - Mohawk St	2,270	2,269	100%	38.3	D	
SB - Mohawk St	2,356	2,225	94%	88.4	F	E
EB - Truxtun Ave	1,475	1,414	96%	78.2	E	
WB - Truxtun Ave	1,637	1,534	94%	33.0	C	
Intersection Total	*7,738*	*7,442*	*96%*	*59.8*		
36. Airport Dr & State Rd/SR204 WB Ramp						
NB - Airport Dr	1,986	1,856	93%	18.3	B	
SB - Airport Dr	1,778	1,775	100%	21.6	C	C
EB - State Rd	249	248	100%	16.9	B	
WB - SR204 WB Off Ramp	1,320	1,336	101%	28.2	C	
Intersection Total	*5,333*	*5,215*	*98%*	*21.9*		
37. Buck Owens Blvd & SR99 NB Ramp						
NB - SR99 NB Off Ramp	1,415	1,220	86%	8.5	A	B
WB - Buck Owens Blvd	865	879	102%	13.6	B	
Intersection Total	*2,280*	*2,099*	*92%*	*10.6*		
38. Rio Mirada Dr & Buck Owens Blvd						
NB - Buck Owens Blvd	802	799	100%	38.9	D	
SB - Buck Owens Blvd	65	58	89%	23.7	C	C
EB - Rio Mirada Dr	554	329	59%	13.6	B	
WB - Rio Mirada Dr	401	400	100%	21.2	C	
Intersection Total	*1,822*	*1,586*	*87%*	*28.6*		
39. SR99 NB Ramps/Sillect Ave & Buck Owens Blvd						
NB - Buck Owens Blvd	1,252	1,073	86%	34.3	C	
SB - Buck Owens Blvd	665	647	97%	48.1	D	D
EB - SR99 NB Off Ramp	550	454	83%	35.4	D	
WB - Sillect Ave	697	695	100%	69.7	E	
Intersection Total	*3,164*	*2,869*	*91%*	*46.2*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
40. Rosedale Hwy & Camino del Rio Ct						
NB - Camino del Rio Ct	454	355	78%	180.5	F	D
SB - Camino del Rio Ct	489	278	57%	303.6	F	
EB - Rosedale Hwy	3,047	2,584	85%	23.7	C	
WB - Rosedale Hwy	3,494	3,175	91%	14.3	B	
Intersection Total	*7,484*	*6,392*	*85%*	*49.9*		
41. Rosedale Hwy & SR99 SB Ramp						
SB - SR99 SB Off Ramp	1,095	943	86%	99.8	F	D
EB - Rosedale Hwy	1,988	1,603	81%	11.8	B	
WB - Rosedale Hwy	2,618	2,439	93%	30.6	C	
Intersection Total	*5,701*	*4,985*	*87%*	*37.6*		
42. Rosedale Hwy & SR99 NB Ramp/Buck Owens Blvd						
NB - SR99 NB Off Ramp	2,090	1,991	95%	57.2	E	C
SB - Buck Owens Blvd	1,150	1,090	95%	29.3	C	
EB - Rosedale Hwy	2,210	1,795	81%	24.4	C	
WB - 24th St	2,956	2,930	99%	15.2	B	
Intersection Total	*8,406*	*7,806*	*93%*	*30.0*		
43. 24th St & Oak St						
NB - Oak St	1,781	1,795	101%	38.6	D	C
SB - Oak St	106	106	100%	65.4	E	
EB - 24th St	3,101	2,759	89%	29.3	C	
WB - 24th St	3,139	3,112	99%	23.2	C	
Intersection Total	*8,127*	*7,772*	*96%*	*29.5*		
45. Oak St @ Truxtun Ave						
NB - Oak St	1,420	1,367	96%	74.0	E	E
SB - Oak St	2,077	1,699	82%	97.1	F	
EB - Truxtun Ave	2,815	2,480	88%	37.7	D	
WB - Truxtun Ave	1,844	1,770	96%	102.1	F	
Intersection Total	*8,156*	*7,316*	*90%*	*73.9*		
46. California Ave & Chester Ln						
NB - Chester Ln	191	195	102%	32.3	C	C
SB - Chester Ln	577	575	100%	32.7	C	
EB - California Ave	1,764	1,767	100%	21.0	C	
WB - California Ave	1,949	1,948	100%	37.4	D	
Intersection Total	*4,481*	*4,485*	*100%*	*30.1*		
47. California Ave & SR99 SB Ramps/Real Rd						
NB - Real Rd	421	420	100%	34.9	C	E
SB - SR99 SB Off Ramp	1,190	1,168	98%	26.8	C	
EB - California Ave	2,169	2,068	95%	68.5	E	
WB - California Ave	1,494	1,498	100%	89.3	F	
Intersection Total	*5,274*	*5,154*	*98%*	*76.1*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
48. California Ave & SR99 NB Ramps						
NB - SR99 NB Off Ramp	879	799	91%	28.2	C	D
SB - Extended Stay Hotel	107	106	99%	23.5	C	
EB - California Ave	1,432	1,536	107%	91.8	F	
WB - California Ave	1,913	1,819	95%	29.3	C	
Intersection Total	*4,331*	*4,260*	*98%*	*51.5*		
49. California Ave & Oak St						
NB - Oak St	958	960	100%	39.1	D	E
SB - Oak St	1,845	1,655	90%	48.3	D	
EB - California Ave	1,819	1,815	100%	75.2	E	
WB - California Ave	1,469	1,469	100%	35.2	D	
Intersection Total	*6,091*	*5,899*	*97%*	*61.5*		
51. Stockdale Hwy & Real Rd						
NB - Real Rd	889	815	92%	90.0	F	F
SB - Real Rd	650	412	63%	194.7	F	
EB - Stockdale Hwy	2,649	2,239	85%	45.4	D	
WB - Stockdale Hwy	2,102	2,107	100%	52.1	D	
Intersection Total	*6,290*	*5,573*	*89%*	*94.0*		
52. Stockdale @SR-99 SB Ramps						
SB- SR-99 SB Off-Ramp	560	548	98%	27.9	C	B
EB - Stockdale Hwy	1,689	1,439	85%	14.5	B	
WB- Stockdale	1,717	1,696	99%	7.8	A	
Intersection Total	*3,966*	*3,683*	*93%*	*18.0*		
53. Stockdale Hwy & Oak St/Wible Rd						
NB - Wible Rd	1,246	1,011	81%	28.7	C	D
SB - Oak St	1,201	1,197	100%	33.8	C	
EB - Stockdale Hwy	1,860	1,569	84%	32.7	C	
WB - Stockdale Hwy	1,101	1,106	100%	68.7	E	
Intersection Total	*5,408*	*4,883*	*90%*	*40.3*		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
54. SR58 Ramps & Real Rd						
NB - Real Rd	990	908	92%	49.3	D	
SB - Real Rd	1,445	1,157	80%	34.8	C	D
WB - SR58 WB	1,085	1,025	94%	35.4	D	
Intersection Total	***3,520***	***3,090***	***88%***	***39.3***		
55. SR99 NB Ramps & Wible Rd						
NB - Wible Rd	932	734	79%	14.5	B	
SB - Wible Rd	1,317	1,211	92%	34.3	C	C
EB - SR99 NB Off Ramp	645	546	85%	33.9	C	
Intersection Total	***2,894***	***2,491***	***86%***	***28.4***		
57. Ming Ave & Real Rd						
NB - Real Rd	427	426	100%	49.9	D	
SB - Real Rd	816	803	98%	53.9	D	E
EB - Ming Ave	2,106	2,104	100%	66.3	E	
WB - Ming Ave	2,435	2,286	94%	56.0	E	
Intersection Total	***5,784***	***5,619***	***97%***	***64.5***		
58. Ming Ave & SR99 SB Ramps						
EB - Ming Ave	2,330	2,313	99%	14.3	B	B
WB - Ming Ave	1,697	1,615	95%	18.7	B	
Intersection Total	***4,027***	***3,928***	***98%***	***15.6***		
59. Ming Ave & Wible Rd						
NB - Wible Rd	969	967	100%	32.5	C	
SB - Wible Rd	918	913	99%	43.4	D	C
EB - Ming Ave	2,501	2,398	96%	17.7	B	
WB - Ming Ave	1,693	1,604	95%	19.2	B	
Intersection Total	***6,081***	***5,882***	***97%***	***24.5***		
60. Ming Ave & SR99 NB Ramps						
NB - Sears	363	360	99%	43.4	D	
SB - SR99 SB Off Ramp	820	680	83%	17.2	B	C
EB - Ming Ave	2,297	2,312	101%	31.2	C	
WB - Ming Ave	1,591	1,615	102%	25.6	C	
Intersection Total	***5,071***	***4,967***	***98%***	***28.3***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
61. Ming Ave & Castro Ln						
NB - Castro Ln	399	396	99%	35.8	D	C
SB - Castro Ln	262	261	100%	23.9	C	
EB - Ming Ave	1,438	1,389	97%	19.7	B	
WB - Ming Ave	1,339	1,336	100%	37.4	D	
Intersection Total	***3,438***	***3,382***	***98%***	***38.9***		
66. Brundage Ln & H St						
NB - H St	1,064	968	91%	44.5	D	E
SB - H St	1,071	1,056	99%	126.4	F	
EB - Brundage Ln	1,065	1,072	101%	37.9	D	
WB - Brundage Ln	855	860	101%	60.2	E	
Intersection Total	***4,055***	***3,956***	***98%***	***68.0***		
67. SR58 WB Ramp & H St						
NB - H St	949	914	96%	56.3	D	E
SB - H St	1,318	1,309	99%	79.4	E	
WB - Richland St	756	713	94%	53.6	D	
Intersection Total	***3,023***	***2,936***	***97%***	***64.3***		
68. SR58 EB Ramp & H St						
NB - H St	935	941	101%	33.9	C	C
SB - H St	1,364	1,275	93%	28.0	C	
EB - SR58 EB Off Ramp	475	438	92%	40.4	D	
Intersection Total	***2,774***	***2,654***	***96%***	***29.0***		
70. Brundage Ln & Chester Ave						
NB - Chester Ave	836	791	95%	55.8	E	E
SB - Chester Ave	1,400	1,402	100%	70.2	E	
EB - Brundage Ln	993	977	98%	76.9	E	
WB - Brundage Ln	681	670	98%	54.2	D	
Intersection Total	***3,910***	***3,840***	***98%***	***68.0***		
71. SR58 WB Ramp & Chester Ave						
NB - Chester Ave	831	783	94%	20.7	C	C
SB - Chester Ave	1,525	1,500	98%	23.7	C	
WB - Richland St	645	611	95%	40.3	D	
Intersection Total	***3,001***	***2,894***	***96%***	***28.5***		

BAKERSFIELD CENTENNIAL CORRIDOR TRAFFIC OPERATIONS ANALYSIS

YR2038 NO-BUILD INTERSECTION ANALYSIS RESULTS - PM PEAK

Location	Demand Volume (vph)	CORSIM Served Volume (vph)	% Served in Model	Control Delay (sec/veh)	LOS (Approach)	LOS (Overall)
72. SR58 EB Ramp & Chester Ave						
NB - Chester Ave	836	825	99%	28.2	C	
SB - Chester Ave	1,434	1,406	98%	14.3	B	C
EB - Frontage Rd	500	457	91%	57.7	E	
Intersection Total	*2,770*	*2,688*	*97%*	*25.7*		
74. Brundage Ln & Union Ave						
NB - Union Ave	1,897	1,876	99%	21.0	C	
SB - Union Ave	2,350	2,319	99%	46.7	D	D
EB - Brundage Ln	754	758	101%	42.1	D	
WB - Brundage Ln	1,052	1,049	100%	27.1	C	
Intersection Total	*6,053*	*6,002*	*99%*	*43.4*		
75. Brundage Ln & SR58 WB Ramps (Union Ave)						
NB - SR58 WB Off Ramp	595	564	95%	22.6	C	
SB - Liggett St	104	103	99%	26.1	C	D
EB - Brundage Ln	889	870	98%	41.6	D	
WB - Brundage Ln	624	626	100%	59.3	E	
Intersection Total	*2,212*	*2,163*	*98%*	*41.0*		
76. SR58 EB Ramp & Union Ave						
NB - Union Ave	2,153	2,137	99%	21.0	C	
SB - Union Ave	1,412	1,220	86%	16.4	B	B
EB - SR58 EB Off Ramp	645	602	93%	19.3	B	
Intersection Total	*4,210*	*3,959*	*94%*	*15.8*		
77.Cottonwood Rd & Brundage Ln						
NB - Cottonwood Rd	831	769	93%	13.7	B	
SB - Cottonwood Rd	457	461	101%	40.4	D	C
EB - Brundage Ln	461	467	101%	28.7	C	
WB - Brundage Ln	578	600	104%	34.4	C	
Intersection Total	*2,327*	*2,297*	*99%*	*27.5*		
78. Brundage Ln & SR58 WB Ramps (Cottonwood Rd)						
NB - SR58 WB Off Ramp	240	259	108%	26.0	C	
SB - Driveway	39	39	100%	16.3	B	C
EB - Brundage Ln	699	661	95%	33.1	C	
WB - Brundage Ln	518	510	98%	37.4	D	
Intersection Total	*1,496*	*1,469*	*98%*	*32.9*		
79. Cottonwood Rd & SR 58 EB Off Ramp						
NB - Cottonwood Rd	822	818	100%	17.9	B	
SB - Cottonwood Rd	844	872	103%	12.7	B	B
EB - SR-58 EB off Ramp	600	524	87%	17.4	B	
Intersection Total	*2,266*	*2,214*	*98%*	*15.7*		