

APPENDIX A:
PEAK HOUR TURNING MOVEMENT VOLUME COUNTS

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-001 American Ave/Country Club Dr & Balfour Rd
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	American Ave/Country Club Dr Southbound					Balfour Rd Westbound					American Ave/Country Club Dr Northbound					Balfour Rd Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	16	63	5	0	84	153	44	15	0	212	14	36	91	0	141	2	26	9	0	37	474	0
7:15	12	126	2	0	140	226	70	25	0	321	17	43	144	0	204	4	46	55	2	107	772	2
7:30	14	147	0	0	161	156	96	19	0	271	30	58	156	0	244	3	67	104	0	174	850	0
7:45	16	112	2	1	131	205	119	22	0	346	35	56	191	0	282	2	66	98	0	166	925	1
Total	58	448	9	1	516	740	329	81	0	1150	96	193	582	0	871	11	205	266	2	484	3021	3
8:00	29	86	2	1	118	204	133	25	0	362	41	56	237	0	334	4	39	97	0	140	954	1
8:15	17	26	6	0	49	90	101	7	0	198	15	28	99	0	142	4	45	8	0	57	446	0
8:30	21	5	10	1	37	30	81	17	0	128	2	5	11	0	18	1	54	4	0	59	242	1
8:45	15	7	6	1	29	25	66	14	0	105	3	1	7	0	11	3	51	2	0	56	201	1
Total	82	124	24	3	233	349	381	63	0	793	61	90	354	0	505	12	189	111	0	312	1843	3
14:00	24	20	7	0	51	33	54	18	0	105	1	3	11	0	15	4	52	8	0	64	235	0
14:15	18	25	7	0	50	79	58	32	0	169	3	3	12	0	18	4	54	6	0	64	301	0
14:30	17	51	3	0	71	82	71	21	0	174	5	22	58	0	85	5	73	20	1	99	429	1
14:45	32	45	5	1	83	106	78	48	0	232	17	66	148	1	232	8	58	22	1	89	636	3
Total	91	141	22	1	255	300	261	119	0	680	26	94	229	1	350	21	237	56	2	316	1601	4
15:00	44	60	4	1	109	104	83	38	0	225	22	84	250	0	356	9	76	17	0	102	792	1
15:15	58	29	13	1	101	63	92	33	0	188	34	89	216	0	339	22	85	19	1	127	755	2
15:30	48	25	9	0	82	40	103	33	0	176	12	26	68	1	107	13	111	10	0	134	499	1
15:45	20	14	4	0	38	34	62	17	0	113	9	15	41	0	65	6	70	8	0	84	300	0
Total	170	128	30	2	330	241	340	121	0	702	77	214	575	1	867	50	342	54	1	447	2346	4
Grand Total	401	841	85	7	1334	1630	1311	384	0	3325	260	591	1740	2	2593	94	973	487	5	1559	8811	14
Apprch %	30.1%	63.0%	6.4%	0.5%		49.0%	39.4%	11.5%	0.0%		10.0%	22.8%	67.1%	0.1%		6.0%	62.4%	31.2%	0.3%			
Total %	4.6%	9.5%	1.0%	0.1%	15.1%	18.5%	14.9%	4.4%	0.0%	37.7%	3.0%	6.7%	19.7%	0.0%	29.4%	1.1%	11.0%	5.5%	0.1%	17.7%	100.0%	

AM PEAK HOUR	American Ave/Country Club Dr Southbound					Balfour Rd Westbound					American Ave/Country Club Dr Northbound					Balfour Rd Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 07:15 to 08:15																						
Peak Hour For Entire Intersection Begins at 07:15																						
7:15	12	126	2	0	140	226	70	25	0	321	17	43	144	0	204	4	46	55	2	107	772	
7:30	14	147	0	0	161	156	96	19	0	271	30	58	156	0	244	3	67	104	0	174	850	
7:45	16	112	2	1	131	205	119	22	0	346	35	56	191	0	282	2	66	98	0	166	925	
8:00	29	86	2	1	118	204	133	25	0	362	41	56	237	0	334	4	39	97	0	140	954	
Total Volume	71	471	6	2	550	791	418	91	0	1300	123	213	728	0	1064	13	218	354	2	587	3501	
% App Total	12.9%	85.6%	1.1%	0.4%		60.8%	32.2%	7.0%	0.0%		11.6%	20.0%	68.4%	0.0%		2.2%	37.1%	60.3%	0.3%			
PHF	.612	.801	.750	.500	.854	.875	.786	.910	.000	.898	.750	.918	.768	.000	.796	.813	.813	.851	.250	.843	.917	

PM PEAK HOUR	American Ave/Country Club Dr Southbound					Balfour Rd Westbound					American Ave/Country Club Dr Northbound					Balfour Rd Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 14:45 to 15:45																						
Peak Hour For Entire Intersection Begins at 14:45																						
14:45	32	45	5	1	83	106	78	48	0	232	17	66	148	1	232	8	58	22	1	89	636	
15:00	44	60	4	1	109	104	83	38	0	225	22	84	250	0	356	9	76	17	0	102	792	
15:15	58	29	13	1	101	63	92	33	0	188	34	89	216	0	339	22	85	19	1	127	755	
15:30	48	25	9	0	82	40	103	33	0	176	12	26	68	1	107	13	111	10	0	134	499	
Total Volume	182	159	31	3	375	313	356	152	0	821	85	265	682	2	1034	52	330	68	2	452	2682	
% App Total	48.5%	42.4%	8.3%	0.8%		38.1%	43.4%	18.5%	0.0%		8.2%	25.6%	66.0%	0.2%		11.5%	73.0%	15.0%	0.4%			
PHF	.784	.663	.596	.750	.860	.738	.864	.792	.000	.885	.625	.744	.682	.500	.726	.591	.743	.773	.500	.843	.847	

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-002 Foothill Dr/W Country Club Dr & Balfour Rd
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Foothill Dr/W Country Club Dr Southbound					Balfour Rd Westbound					Foothill Dr/W Country Club Dr Northbound					Balfour Rd Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	26	4	18	0	48	8	179	7	0	194	22	1	15	0	38	8	108	19	0	135	415	0
7:15	22	11	63	0	96	8	290	8	0	306	60	3	16	0	79	14	173	16	0	203	684	0
7:30	50	21	72	0	143	11	233	11	0	255	39	18	16	0	73	14	203	33	4	254	725	4
7:45	67	52	69	0	188	13	189	12	0	214	63	25	18	0	106	9	236	39	3	287	795	3
Total	165	88	222	0	475	40	891	38	0	969	184	47	65	0	296	45	720	107	7	879	2619	7
8:00	50	30	48	0	128	12	204	18	1	235	48	41	31	0	120	16	247	33	3	299	782	4
8:15	42	5	3	0	50	22	110	18	1	151	24	30	28	0	82	8	174	14	1	197	480	2
8:30	26	4	8	1	39	22	107	12	2	143	9	8	14	0	31	0	75	6	0	81	294	3
8:45	36	6	2	0	44	18	77	19	0	114	10	6	15	0	31	0	76	1	0	77	266	0
Total	154	45	61	1	261	74	498	67	4	643	91	85	88	0	264	24	572	54	4	654	1822	9
14:00	38	15	5	0	58	19	89	28	0	136	12	16	22	0	50	2	82	8	0	92	336	0
14:15	28	17	4	0	49	24	137	27	0	188	36	21	29	0	86	3	76	12	0	91	414	0
14:30	25	22	10	0	57	31	155	31	1	218	24	3	18	0	45	3	126	10	0	139	459	1
14:45	34	12	20	0	66	19	172	34	0	225	58	30	20	0	108	18	177	25	0	220	619	0
Total	125	66	39	0	230	93	553	120	1	767	130	70	89	0	289	26	461	55	0	542	1828	1
15:00	25	15	24	0	64	24	204	31	0	259	29	20	18	0	67	30	257	43	1	331	721	1
15:15	28	20	12	1	61	22	144	27	1	194	17	19	27	0	63	44	236	42	2	324	642	4
15:30	25	18	8	0	51	33	163	31	0	227	9	24	20	0	53	22	226	30	1	279	610	1
15:45	16	8	6	0	30	23	95	36	1	155	13	9	26	0	48	5	189	12	0	206	439	1
Total	94	61	50	1	206	102	606	125	2	835	68	72	91	0	231	101	908	127	4	1140	2412	7
Grand Total	538	260	372	2	1172	309	2548	350	7	3214	473	274	333	0	1080	196	2661	343	15	3215	8681	24
Apprch %	45.9%	22.2%	31.7%	0.2%		9.6%	79.3%	10.9%	0.2%		43.8%	25.4%	30.8%	0.0%		6.1%	82.8%	10.7%	0.5%			
Total %	6.2%	3.0%	4.3%	0.0%	13.5%	3.6%	29.4%	4.0%	0.1%	37.0%	5.4%	3.2%	3.8%	0.0%	12.4%	2.3%	30.7%	4.0%	0.2%	37.0%	100.0%	

AM PEAK HOUR	Foothill Dr/W Country Club Dr Southbound					Balfour Rd Westbound					Foothill Dr/W Country Club Dr Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 07:15 to 08:15																					
Peak Hour For Entire Intersection Begins at 07:15																					
7:15	22	11	63	0	96	8	290	8	0	306	60	3	16	0	79	14	173	16	0	203	684
7:30	50	21	72	0	143	11	233	11	0	255	39	18	16	0	73	14	203	33	4	254	725
7:45	67	52	69	0	188	13	189	12	0	214	63	25	18	0	106	9	236	39	3	287	795
8:00	50	30	48	0	128	12	204	18	1	235	48	41	31	0	120	16	247	33	3	299	782
Total Volume	189	114	252	0	555	44	916	49	1	1010	210	87	81	0	378	53	859	121	10	1043	2986
% App Total	34.1%	20.5%	45.4%	0.0%		4.4%	90.7%	4.9%	0.1%		55.6%	23.0%	21.4%	0.0%		5.1%	82.4%	11.6%	1.0%		
PHF	.705	.548	.875	.000	.738	.846	.790	.681	.250	.825	.833	.530	.653	.000	.788	.828	.869	.776	.625	.872	.939

PM PEAK HOUR	Foothill Dr/W Country Club Dr Southbound					Balfour Rd Westbound					Foothill Dr/W Country Club Dr Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 14:45 to 15:45																					
Peak Hour For Entire Intersection Begins at 14:45																					
14:45	34	12	20	0	66	19	172	34	0	225	58	30	20	0	108	18	177	25	0	220	619
15:00	25	15	24	0	64	24	204	31	0	259	29	20	18	0	67	30	257	43	1	331	721
15:15	28	20	12	1	61	22	144	27	1	194	17	19	27	0	63	44	236	42	2	324	642
15:30	25	18	8	0	51	33	163	31	0	227	9	24	20	0	53	22	226	30	1	279	610
Total Volume	112	65	64	1	242	98	683	123	1	905	113	93	85	0	291	114	896	140	4	1154	2592
% App Total	46.3%	26.9%	26.4%	0.4%		10.8%	75.5%	13.6%	0.1%		38.8%	32.0%	29.2%	0.0%		9.9%	77.6%	12.1%	0.3%		
PHF	.824	.813	.667	.250	.917	.742	.837	.904	.250	.874	.487	.775	.787	.000	.674	.648	.872	.814	.500	.872	.899

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-003 John Muir Pkwy & Balfour Rd
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	John Muir Pkwy Southbound					Balfour Rd Westbound					John Muir Pkwy Northbound					Balfour Rd Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	2	0	0	0	2	5	179	1	4	189	9	0	2	0	11	4	139	6	0	149	351	4
7:15	0	0	3	0	3	8	319	3	6	336	5	0	3	1	9	2	195	6	0	203	551	7
7:30	1	0	1	0	2	8	228	9	4	249	10	0	10	0	20	6	229	33	0	268	539	4
7:45	2	0	1	0	3	8	216	15	3	242	9	2	9	0	20	12	262	55	0	329	594	3
Total	5	0	5	0	10	29	942	28	17	1016	33	2	24	1	60	24	825	100	0	949	2035	18
8:00	1	2	5	0	8	20	206	7	4	237	9	4	8	0	21	20	272	35	0	327	593	4
8:15	4	0	4	0	8	13	154	5	4	176	8	2	3	0	13	6	226	12	2	246	443	6
8:30	7	1	3	0	11	8	114	15	4	141	7	2	8	0	17	5	105	5	0	115	284	4
8:45	9	1	4	0	14	13	119	7	7	146	2	3	5	0	10	8	117	3	0	128	298	7
Total	21	4	16	0	41	54	593	34	19	700	26	11	24	0	61	39	720	55	2	816	1618	21
14:00	5	2	6	0	13	19	131	5	3	158	9	7	14	0	30	4	124	17	0	145	346	3
14:15	7	1	6	0	14	14	174	6	8	202	6	2	16	2	26	10	114	9	0	133	375	10
14:30	9	1	5	0	15	19	186	4	9	218	21	3	14	1	39	7	144	17	0	168	440	10
14:45	8	1	4	0	13	12	201	10	4	227	20	5	19	0	44	15	206	14	0	235	519	4
Total	29	5	21	0	55	64	692	25	24	805	56	17	63	3	139	36	588	57	0	681	1680	27
15:00	11	4	7	0	22	8	239	9	6	262	18	4	13	0	35	8	251	13	0	272	591	6
15:15	5	1	5	0	11	13	191	4	8	216	12	9	10	0	31	17	280	11	0	308	566	8
15:30	6	5	7	0	18	15	194	5	5	219	6	3	18	2	29	21	245	15	0	281	547	7
15:45	11	6	4	0	21	15	142	5	7	169	11	6	14	1	32	10	208	8	0	226	448	8
Total	33	16	23	0	72	51	766	23	26	866	47	22	55	3	127	56	984	47	0	1087	2152	29
Grand Total	88	25	65	0	178	198	2993	110	86	3387	162	52	166	7	387	155	3117	259	2	3533	7485	95
Apprch %	49.4%	14.0%	36.5%	0.0%		5.8%	88.4%	3.2%	2.5%		41.9%	13.4%	42.9%	1.8%		4.4%	88.2%	7.3%	0.1%			
Total %	1.2%	0.3%	0.9%	0.0%	2.4%	2.6%	40.0%	1.5%	1.1%	45.3%	2.2%	0.7%	2.2%	0.1%	5.2%	2.1%	41.6%	3.5%	0.0%	47.2%	100.0%	

AM PEAK HOUR	John Muir Pkwy Southbound					Balfour Rd Westbound					John Muir Pkwy Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 07:15 to 08:15																					
Peak Hour For Entire Intersection Begins at 07:15																					
7:15	0	0	3	0	3	8	319	3	6	336	5	0	3	1	9	2	195	6	0	203	551
7:30	1	0	1	0	2	8	228	9	4	249	10	0	10	0	20	6	229	33	0	268	539
7:45	2	0	1	0	3	8	216	15	3	242	9	2	9	0	20	12	262	55	0	329	594
8:00	1	2	5	0	8	20	206	7	4	237	9	4	8	0	21	20	272	35	0	327	593
Total Volume	4	2	10	0	16	44	969	34	17	1064	33	6	30	1	70	40	958	129	0	1127	2277
% App Total	25.0%	12.5%	62.5%	0.0%		4.1%	91.1%	3.2%	1.6%		47.1%	8.6%	42.9%	1.4%		3.5%	85.0%	11.4%	0.0%		
PHF	.500	.250	.500	.000	.500	.550	.759	.567	.708	.792	.825	.375	.750	.250	.833	.500	.881	.586	.000	.856	.958

PM PEAK HOUR	John Muir Pkwy Southbound					Balfour Rd Westbound					John Muir Pkwy Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 14:45 to 15:45																					
Peak Hour For Entire Intersection Begins at 14:45																					
14:45	8	1	4	0	13	12	201	10	4	227	20	5	19	0	44	15	206	14	0	235	519
15:00	11	4	7	0	22	8	239	9	6	262	18	4	13	0	35	8	251	13	0	272	591
15:15	5	1	5	0	11	13	191	4	8	216	12	9	10	0	31	17	280	11	0	308	566
15:30	6	5	7	0	18	15	194	5	5	219	6	3	18	2	29	21	245	15	0	281	547
Total Volume	30	11	23	0	64	48	825	28	23	924	56	21	60	2	139	61	982	53	0	1096	2223
% App Total	46.9%	17.2%	35.9%	0.0%		5.2%	89.3%	3.0%	2.5%		40.3%	15.1%	43.2%	1.4%		5.6%	89.6%	4.8%	0.0%		
PHF	.682	.550	.821	.000	.727	.800	.863	.700	.719	.882	.700	.583	.789	.250	.790	.726	.877	.883	.000	.890	.940

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-004 Eagle Rock Way/Cortona Way & Balfour Rd
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Eagle Rock Way/Cortona Way Southbound					Balfour Rd Westbound					Eagle Rock Way/Cortona Way Northbound					Balfour Rd Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	10	1	10	0	21	32	178	2	3	215	0	6	36	0	42	5	126	0	0	131	409	3
7:15	19	4	13	0	36	60	321	8	3	392	1	4	44	0	49	13	186	1	0	200	677	3
7:30	27	5	10	0	42	48	234	6	6	294	2	8	64	0	74	13	226	2	0	241	651	6
7:45	31	9	8	0	48	101	257	12	4	374	1	6	99	0	106	9	252	2	0	263	791	4
Total	87	19	41	0	147	241	990	28	16	1275	4	24	243	0	271	40	790	5	0	835	2528	16
8:00	37	10	7	0	54	99	204	18	4	325	0	11	93	0	104	12	261	4	0	277	760	4
8:15	31	4	1	0	36	79	171	12	7	269	0	6	94	0	100	21	238	3	1	263	668	8
8:30	32	1	8	0	41	75	131	8	12	226	1	5	51	0	57	9	111	4	1	125	449	13
8:45	30	1	4	0	35	71	145	14	11	241	2	3	61	0	66	18	124	2	0	144	486	11
Total	130	16	20	0	166	324	651	52	34	1061	3	25	299	0	327	60	734	13	2	809	2363	36
14:00	36	8	5	0	49	64	146	24	7	241	1	11	71	0	83	14	127	3	0	144	517	7
14:15	41	7	7	0	55	60	195	23	11	289	2	8	76	0	86	13	129	4	0	146	576	11
14:30	50	8	13	0	71	86	204	18	10	318	2	6	59	0	67	16	135	3	0	154	610	10
14:45	33	9	10	0	52	77	213	22	8	320	2	7	92	0	101	15	222	5	0	242	715	8
Total	160	32	35	0	227	287	758	87	36	1168	7	32	298	0	337	58	613	15	0	686	2418	36
15:00	44	14	11	0	69	50	236	19	6	311	7	6	80	0	93	10	272	6	0	288	761	6
15:15	40	8	7	0	55	71	202	19	6	298	1	12	88	0	101	12	275	4	0	291	745	6
15:30	34	14	11	0	59	77	208	17	5	307	2	14	87	0	103	14	271	6	0	291	760	5
15:45	58	4	11	0	73	50	157	16	6	229	2	11	90	0	103	15	237	3	1	256	661	7
Total	176	40	40	0	256	248	803	71	23	1145	12	43	345	0	400	51	1055	19	1	1126	2927	24
Grand Total	553	107	136	0	796	1100	3202	238	109	4649	26	124	1185	0	1335	209	3192	52	3	3456	10236	112
Apprch %	69.5%	13.4%	17.1%	0.0%		23.7%	68.9%	5.1%	2.3%		1.9%	9.3%	88.8%	0.0%		6.0%	92.4%	1.5%	0.1%			
Total %	5.4%	1.0%	1.3%	0.0%	7.8%	10.7%	31.3%	2.3%	1.1%	45.4%	0.3%	1.2%	11.6%	0.0%	13.0%	2.0%	31.2%	0.5%	0.0%	33.8%	100.0%	

AM PEAK HOUR	Eagle Rock Way/Cortona Way Southbound					Balfour Rd Westbound					Eagle Rock Way/Cortona Way Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 07:15 to 08:15																					
Peak Hour For Entire Intersection Begins at 07:15																					
7:15	19	4	13	0	36	60	321	8	3	392	1	4	44	0	49	13	186	1	0	200	677
7:30	27	5	10	0	42	48	234	6	6	294	2	8	64	0	74	13	226	2	0	241	651
7:45	31	9	8	0	48	101	257	12	4	374	1	6	99	0	106	9	252	2	0	263	791
8:00	37	10	7	0	54	99	204	18	4	325	0	11	93	0	104	12	261	4	0	277	760
Total Volume	114	28	38	0	180	308	1016	44	17	1385	4	29	300	0	333	47	925	9	0	981	2879
% App Total	63.3%	15.6%	21.1%	0.0%		22.2%	73.4%	3.2%	1.2%		1.2%	8.7%	90.1%	0.0%		4.8%	94.3%	0.9%	0.0%		
PHF	.770	.700	.731	.000	.833	.762	.791	.611	.708	.883	.500	.659	.758	.000	.785	.904	.886	.563	.000	.885	.910

PM PEAK HOUR	Eagle Rock Way/Cortona Way Southbound					Balfour Rd Westbound					Eagle Rock Way/Cortona Way Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 14:45 to 15:45																					
Peak Hour For Entire Intersection Begins at 14:45																					
14:45	33	9	10	0	52	77	213	22	8	320	2	7	92	0	101	15	222	5	0	242	715
15:00	44	14	11	0	69	50	236	19	6	311	7	6	80	0	93	10	272	6	0	288	761
15:15	40	8	7	0	55	71	202	19	6	298	1	12	88	0	101	12	275	4	0	291	745
15:30	34	14	11	0	59	77	208	17	5	307	2	14	87	0	103	14	271	6	0	291	760
Total Volume	151	45	39	0	235	275	859	77	25	1236	12	39	347	0	398	51	1040	21	0	1112	2981
% App Total	64.3%	19.1%	16.6%	0.0%		22.2%	69.5%	6.2%	2.0%		3.0%	9.8%	87.2%	0.0%		4.6%	93.5%	1.9%	0.0%		
PHF	.858	.804	.886	.000	.851	.893	.910	.875	.781	.966	.429	.696	.943	.000	.966	.850	.945	.875	.000	.955	.979

National Data and Surveying Services

City of Brentwood
 All Vehicles & Utturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-005 SR 4 & Balfour Rd
 Date : 2/14/2017

Unshifted Count = All Vehicles & Utturns

START TIME	SR 4 Southbound					Balfour Rd Westbound					SR 4 Northbound					Balfour Rd Eastbound					Total	Utturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	38	176	84	0	298	16	144	96	0	256	23	137	11	0	171	82	55	48	0	185	910	0
7:15	51	199	131	0	381	14	234	107	0	355	28	150	7	0	185	84	82	68	0	234	1155	0
7:30	68	165	82	0	315	19	192	99	0	310	23	172	8	0	203	147	124	71	0	342	1170	0
7:45	62	157	110	0	329	15	285	114	0	414	44	171	8	0	223	107	193	71	0	371	1337	0
Total	219	697	407	0	1323	64	855	416	0	1335	118	630	34	0	782	420	454	258	0	1132	4572	0
8:00	65	157	95	0	317	21	174	133	0	328	38	152	14	0	204	138	212	58	0	408	1257	0
8:15	87	195	102	0	384	22	156	109	0	287	50	152	6	0	208	122	172	67	0	361	1240	0
8:30	71	195	90	0	356	22	122	98	0	242	27	192	6	0	225	82	74	41	0	197	1020	0
8:45	100	157	88	0	345	19	132	116	0	267	37	160	14	0	211	102	99	39	0	240	1063	0
Total	323	704	375	0	1402	84	584	456	0	1124	152	656	40	0	848	444	557	205	0	1206	4580	0
14:00	107	138	107	0	352	9	122	88	0	219	27	127	13	0	167	84	126	28	0	238	976	0
14:15	91	140	101	0	332	20	167	110	0	297	40	156	25	0	221	79	126	32	0	237	1087	0
14:30	93	136	112	0	341	10	167	99	0	276	53	177	20	0	250	108	140	31	0	279	1146	0
14:45	103	132	93	0	328	8	209	101	0	318	48	166	18	0	232	119	197	39	0	355	1233	0
Total	394	546	413	0	1353	47	665	398	0	1110	168	626	76	0	870	390	589	130	0	1109	4442	0
15:00	113	166	86	0	365	7	160	100	0	267	33	195	18	0	246	115	228	33	0	376	1254	0
15:15	108	140	69	0	317	9	187	88	0	284	51	181	34	0	266	105	289	43	0	437	1304	0
15:30	89	170	82	0	341	17	163	96	0	276	44	186	37	0	267	111	227	49	0	387	1271	0
15:45	107	174	80	0	361	5	110	103	0	218	44	197	26	0	267	111	241	46	0	398	1244	0
Total	417	650	317	0	1384	38	620	387	0	1045	172	759	115	0	1046	442	985	171	0	1598	5073	0
Grand Total	1353	2597	1512	0	5462	233	2724	1657	0	4614	610	2671	265	0	3546	1696	2585	764	0	5045	18667	0
Apprch %	24.8%	47.5%	27.7%	0.0%		5.0%	59.0%	35.9%	0.0%		17.2%	75.3%	7.5%	0.0%		33.6%	51.2%	15.1%	0.0%			
Total %	7.2%	13.9%	8.1%	0.0%	29.3%	1.2%	14.6%	8.9%	0.0%	24.7%	3.3%	14.3%	1.4%	0.0%	19.0%	9.1%	13.8%	4.1%	0.0%	27.0%	100.0%	

AM PEAK HOUR	SR 4 Southbound					Balfour Rd Westbound					SR 4 Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 07:30 to 08:30																					
Peak Hour For Entire Intersection Begins at 07:30																					
7:30	68	165	82	0	315	19	192	99	0	310	23	172	8	0	203	147	124	71	0	342	1170
7:45	62	157	110	0	329	15	285	114	0	414	44	171	8	0	223	107	193	71	0	371	1337
8:00	65	157	95	0	317	21	174	133	0	328	38	152	14	0	204	138	212	58	0	408	1257
8:15	87	195	102	0	384	22	156	109	0	287	50	152	6	0	208	122	172	67	0	361	1240
Total Volume	282	674	389	0	1345	77	807	455	0	1339	155	647	36	0	838	514	701	267	0	1482	5004
% App Total	21.0%	50.1%	28.9%	0.0%		5.8%	60.3%	34.0%	0.0%		18.5%	77.2%	4.3%	0.0%		34.7%	47.3%	18.0%	0.0%		
PHF	.810	.864	.884	.000	.876	.875	.708	.855	.000	.809	.775	.940	.643	.000	.939	.874	.827	.940	.000	.908	.936

PM PEAK HOUR	SR 4 Southbound					Balfour Rd Westbound					SR 4 Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 15:00 to 16:00																					
Peak Hour For Entire Intersection Begins at 15:00																					
15:00	113	166	86	0	365	7	160	100	0	267	33	195	18	0	246	115	228	33	0	376	1254
15:15	108	140	69	0	317	9	187	88	0	284	51	181	34	0	266	105	289	43	0	437	1304
15:30	89	170	82	0	341	17	163	96	0	276	44	186	37	0	267	111	227	49	0	387	1271
15:45	107	174	80	0	361	5	110	103	0	218	44	197	26	0	267	111	241	46	0	398	1244
Total Volume	417	650	317	0	1384	38	620	387	0	1045	172	759	115	0	1046	442	985	171	0	1598	5073
% App Total	30.1%	47.0%	22.9%	0.0%		3.6%	59.3%	37.0%	0.0%		16.4%	72.6%	11.0%	0.0%		27.7%	61.6%	10.7%	0.0%		
PHF	.923	.934	.922	.000	.948	.559	.829	.939	.000	.920	.843	.963	.777	.000	.979	.961	.852	.872	.000	.914	.973

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-006 Foothill Dr & St Andrews Dr/Eagle Rock Ave
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Foothill Dr Southbound					St Andrews Dr/Eagle Rock Ave Westbound					Foothill Dr Northbound					St Andrews Dr/Eagle Rock Ave Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	1	16	13	0	30	1	4	3	0	8	3	16	2	0	21	20	19	1	0	40	99	0
7:15	1	24	9	0	34	2	14	8	0	24	5	39	1	0	45	32	17	7	1	57	160	1
7:30	10	41	16	0	67	3	25	5	0	33	11	38	2	0	51	36	37	17	0	90	241	0
7:45	33	54	17	0	104	11	16	3	0	30	21	61	16	0	98	39	51	24	0	114	346	0
Total	45	135	55	0	235	17	59	19	0	95	40	154	21	0	215	127	124	49	1	301	846	1
8:00	6	51	13	0	70	8	9	5	0	22	20	84	12	0	116	28	30	20	0	78	286	0
8:15	7	21	17	1	46	2	2	4	0	8	9	62	12	0	83	17	17	4	0	38	175	1
8:30	0	17	12	0	29	4	5	5	0	14	4	13	10	0	27	12	15	1	0	28	98	0
8:45	1	12	14	0	27	2	6	0	0	8	1	18	4	0	23	13	32	0	0	45	103	0
Total	14	101	56	1	172	16	22	14	0	52	34	177	38	0	249	70	94	25	0	189	662	1
14:00	3	28	10	0	41	3	13	0	0	16	16	46	6	0	68	13	16	5	0	34	159	0
14:15	1	34	15	0	50	5	11	2	0	18	12	62	9	0	83	13	15	10	0	38	189	0
14:30	5	41	21	0	67	7	8	2	0	17	6	34	3	0	43	10	18	9	0	37	164	0
14:45	0	29	27	0	56	4	22	3	0	29	43	89	14	0	146	15	23	9	0	47	278	0
Total	9	132	73	0	214	19	54	7	0	80	77	231	32	0	340	51	72	33	0	156	790	0
15:00	8	40	34	0	82	4	22	1	0	27	13	37	5	0	55	31	34	9	0	74	238	0
15:15	20	37	24	0	81	7	25	2	0	34	4	34	5	1	44	27	37	11	0	75	234	1
15:30	20	29	31	0	80	8	19	0	0	27	9	34	3	0	46	17	22	4	0	43	196	0
15:45	6	14	27	0	47	5	16	1	0	22	2	32	3	0	37	17	25	3	0	45	151	0
Total	54	120	116	0	290	24	82	4	0	110	28	137	16	1	182	92	118	27	0	237	819	1
Grand Total	122	488	300	1	911	76	217	44	0	337	179	699	107	1	986	340	408	134	1	883	3117	3
Apprch %	13.4%	53.6%	32.9%	0.1%		22.6%	64.4%	13.1%	0.0%		18.2%	70.9%	10.9%	0.1%		38.5%	46.2%	15.2%	0.1%			
Total %	3.9%	15.7%	9.6%	0.0%	29.2%	2.4%	7.0%	1.4%	0.0%	10.8%	5.7%	22.4%	3.4%	0.0%	31.6%	10.9%	13.1%	4.3%	0.0%	28.3%	100.0%	

AM PEAK HOUR	Foothill Dr Southbound					St Andrews Dr/Eagle Rock Ave Westbound					Foothill Dr Northbound					St Andrews Dr/Eagle Rock Ave Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 07:30 to 08:30																						
Peak Hour For Entire Intersection Begins at 07:30																						
7:30	10	41	16	0	67	3	25	5	0	33	11	38	2	0	51	36	37	17	0	90	241	
7:45	33	54	17	0	104	11	16	3	0	30	21	61	16	0	98	39	51	24	0	114	346	
8:00	6	51	13	0	70	8	9	5	0	22	20	84	12	0	116	28	30	20	0	78	286	
8:15	7	21	17	1	46	2	2	4	0	8	9	62	12	0	83	17	17	4	0	38	175	
Total Volume	56	167	63	1	287	24	52	17	0	93	61	245	42	0	348	120	135	65	0	320	1048	
% App Total	19.5%	58.2%	22.0%	0.3%		25.8%	55.9%	18.3%	0.0%		17.5%	70.4%	12.1%	0.0%		37.5%	42.2%	20.3%	0.0%			
PHF	.424	.773	.926	.250	.690	.545	.520	.850	.000	.705	.726	.729	.656	.000	.750	.769	.662	.677	.000	.702	.757	

PM PEAK HOUR	Foothill Dr Southbound					St Andrews Dr/Eagle Rock Ave Westbound					Foothill Dr Northbound					St Andrews Dr/Eagle Rock Ave Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 14:45 to 15:45																						
Peak Hour For Entire Intersection Begins at 14:45																						
14:45	0	29	27	0	56	4	22	3	0	29	43	89	14	0	146	15	23	9	0	47	278	
15:00	8	40	34	0	82	4	22	1	0	27	13	37	5	0	55	31	34	9	0	74	238	
15:15	20	37	24	0	81	7	25	2	0	34	4	34	5	1	44	27	37	11	0	75	234	
15:30	20	29	31	0	80	8	19	0	0	27	9	34	3	0	46	17	22	4	0	43	196	
Total Volume	48	135	116	0	299	23	88	6	0	117	69	194	27	1	291	90	116	33	0	239	946	
% App Total	16.1%	45.2%	38.8%	0.0%		19.7%	75.2%	5.1%	0.0%		23.7%	66.7%	9.3%	0.3%		37.7%	48.5%	13.8%	0.0%			
PHF	.600	.844	.853	.000	.912	.719	.880	.500	.000	.860	.401	.545	.482	.250	.498	.726	.784	.750	.000	.797	.851	

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-007 Country Club Dr & Lakeview Dr
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Country Club Dr Southbound					Lakeview Dr Westbound					Country Club Dr Northbound					Lakeview Dr Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	0	32	1	0	33	0	0	0	0	0	3	13	0	0	16	2	0	16	0	18	67	0
7:15	0	96	2	0	98	0	0	0	0	0	5	20	0	0	25	0	0	9	0	9	132	0
7:30	0	112	4	0	116	0	0	0	0	0	7	27	0	9	43	1	0	25	0	26	185	9
7:45	0	153	3	0	156	0	0	0	0	0	11	31	0	4	46	1	0	31	0	32	234	4
Total	0	393	10	0	403	0	0	0	0	0	26	91	0	13	130	4	0	81	0	85	618	13
8:00	0	98	3	0	101	0	0	0	0	0	10	60	0	2	72	3	0	13	0	16	189	2
8:15	0	39	3	0	42	0	0	0	0	0	12	45	0	0	57	3	0	14	0	17	116	0
8:30	0	29	2	0	31	0	0	0	0	0	8	14	0	1	23	0	0	9	0	9	63	1
8:45	0	34	1	1	36	0	0	0	0	0	5	19	0	0	24	1	0	9	0	10	70	1
Total	0	200	9	1	210	0	0	0	0	0	35	138	0	3	176	7	0	45	0	52	438	4
14:00	0	42	0	0	42	0	0	0	0	0	14	30	0	0	44	2	0	16	0	18	104	0
14:15	0	39	2	0	41	0	0	0	0	0	14	38	0	1	53	0	0	9	0	9	103	1
14:30	0	46	5	1	52	0	0	0	0	0	10	27	0	0	37	2	0	13	0	15	104	1
14:45	0	55	2	2	59	0	0	0	0	0	15	64	0	1	80	0	0	7	0	7	146	3
Total	0	182	9	3	194	0	0	0	0	0	53	159	0	2	214	4	0	45	0	49	457	5
15:00	0	52	5	0	57	0	0	0	0	0	11	70	0	1	82	0	0	13	0	13	152	1
15:15	0	51	2	0	53	0	0	0	0	0	14	75	0	0	89	3	0	10	0	13	155	0
15:30	0	35	0	0	35	0	0	0	0	0	6	71	0	1	78	5	0	11	0	16	129	1
15:45	0	28	1	0	29	0	0	0	0	0	8	40	0	0	48	2	0	4	0	6	83	0
Total	0	166	8	0	174	0	0	0	0	0	39	256	0	2	297	10	0	38	0	48	519	2
Grand Total	0	941	36	4	981	0	0	0	0	0	153	644	0	20	817	25	0	209	0	234	2032	24
Apprch %	0.0%	95.9%	3.7%	0.4%		0.0%	0.0%	0.0%	0.0%		18.7%	78.8%	0.0%	2.4%		10.7%	0.0%	89.3%	0.0%			
Total %	0.0%	46.3%	1.8%	0.2%	48.3%	0.0%	0.0%	0.0%	0.0%	0.0%	7.5%	31.7%	0.0%	1.0%	40.2%	1.2%	0.0%	10.3%	0.0%	11.5%	100.0%	

AM PEAK HOUR	Country Club Dr Southbound					Lakeview Dr Westbound					Country Club Dr Northbound					Lakeview Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 07:15 to 08:15																					
Peak Hour For Entire Intersection Begins at 07:15																					
7:15	0	96	2	0	98	0	0	0	0	0	5	20	0	0	25	0	0	9	0	9	132
7:30	0	112	4	0	116	0	0	0	0	0	7	27	0	9	43	1	0	25	0	26	185
7:45	0	153	3	0	156	0	0	0	0	0	11	31	0	4	46	1	0	31	0	32	234
8:00	0	98	3	0	101	0	0	0	0	0	10	60	0	2	72	3	0	13	0	16	189
Total Volume	0	459	12	0	471	0	0	0	0	0	33	138	0	15	186	5	0	78	0	83	740
% App Total	0.0%	97.5%	2.5%	0.0%		0.0%	0.0%	0.0%	0.0%		17.7%	74.2%	0.0%	8.1%		6.0%	0.0%	94.0%	0.0%		
PHF	.000	.750	.750	.000	.755	.000	.000	.000	.000	.000	.750	.575	.000	.417	.646	.417	.000	.629	.000	.648	.791

PM PEAK HOUR	Country Club Dr Southbound					Lakeview Dr Westbound					Country Club Dr Northbound					Lakeview Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 14:45 to 15:45																					
Peak Hour For Entire Intersection Begins at 14:45																					
14:45	0	55	2	2	59	0	0	0	0	0	15	64	0	1	80	0	0	7	0	7	146
15:00	0	52	5	0	57	0	0	0	0	0	11	70	0	1	82	0	0	13	0	13	152
15:15	0	51	2	0	53	0	0	0	0	0	14	75	0	0	89	3	0	10	0	13	155
15:30	0	35	0	0	35	0	0	0	0	0	6	71	0	1	78	5	0	11	0	16	129
Total Volume	0	193	9	2	204	0	0	0	0	0	46	280	0	3	329	8	0	41	0	49	582
% App Total	0.0%	94.6%	4.4%	1.0%		0.0%	0.0%	0.0%	0.0%		14.0%	85.1%	0.0%	0.9%		16.3%	0.0%	83.7%	0.0%		
PHF	.000	.877	.450	.250	.864	.000	.000	.000	.000	.000	.767	.933	.000	.750	.924	.400	.000	.788	.000	.766	.939

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-008 John Muir Pkwy & Eagle Rock Way/Eagle Rock Ave
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	John Muir Pkwy Southbound					Eagle Rock Way/Eagle Rock Ave Westbound					John Muir Pkwy Northbound					Eagle Rock Way/Eagle Rock Ave Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	2	2	4	2	10	8	14	0	0	22	2	6	5	0	13	4	31	2	0	37	82	2
7:15	1	6	9	1	17	16	25	0	0	41	5	8	7	0	20	3	37	2	2	44	122	3
7:30	3	33	5	0	41	16	28	0	0	44	2	11	21	0	34	7	53	17	2	79	198	2
7:45	0	58	3	1	62	51	31	1	0	83	13	15	36	0	64	12	64	47	1	124	333	2
Total	6	99	21	4	130	91	98	1	0	190	22	40	69	0	131	26	185	68	5	284	735	9
8:00	1	42	15	0	58	47	18	0	0	65	1	12	40	0	53	7	55	22	2	86	262	2
8:15	2	15	4	0	21	25	12	0	0	37	1	13	37	0	51	4	56	4	0	64	173	0
8:30	1	12	5	0	18	33	12	2	0	47	1	12	13	1	27	3	36	1	1	41	133	2
8:45	1	10	5	0	16	26	14	0	0	40	1	7	16	0	24	7	44	2	0	53	133	0
Total	5	79	29	0	113	131	56	2	0	189	4	44	106	1	155	21	191	29	3	244	701	4
14:00	1	30	7	0	38	29	21	1	0	51	0	23	29	0	52	4	25	11	0	40	181	0
14:15	2	16	7	1	26	30	15	0	0	45	2	21	30	0	53	5	32	9	0	46	170	1
14:30	0	30	7	2	39	45	28	1	0	74	2	23	12	0	37	10	23	8	1	42	192	3
14:45	1	17	6	3	27	26	33	3	0	62	6	33	38	0	77	8	41	5	1	55	221	4
Total	4	93	27	6	130	130	97	5	0	232	10	100	109	0	219	27	121	33	2	183	764	8
15:00	3	13	8	1	25	17	26	1	0	44	3	26	16	0	45	7	40	3	1	51	165	2
15:15	2	13	5	3	23	26	35	2	0	63	2	15	18	0	35	12	56	11	0	79	200	3
15:30	3	18	8	7	36	28	34	1	0	63	0	16	23	0	39	8	51	8	0	67	205	7
15:45	4	13	10	4	31	15	19	2	0	36	1	19	25	0	45	4	35	3	0	42	154	4
Total	12	57	31	15	115	86	114	6	0	206	6	76	82	0	164	31	182	25	1	239	724	16
Grand Total	27	328	108	25	488	438	365	14	0	817	42	260	366	1	669	105	679	155	11	950	2924	37
Apprch %	5.5%	67.2%	22.1%	5.1%		53.6%	44.7%	1.7%	0.0%		6.3%	38.9%	54.7%	0.1%		11.1%	71.5%	16.3%	1.2%			
Total %	0.9%	11.2%	3.7%	0.9%	16.7%	15.0%	12.5%	0.5%	0.0%	27.9%	1.4%	8.9%	12.5%	0.0%	22.9%	3.6%	23.2%	5.3%	0.4%	32.5%	100.0%	

AM PEAK HOUR	John Muir Pkwy Southbound					Eagle Rock Way/Eagle Rock Ave Westbound					John Muir Pkwy Northbound					Eagle Rock Way/Eagle Rock Ave Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 07:30 to 08:30																						
Peak Hour For Entire Intersection Begins at 07:30																						
7:30	3	33	5	0	41	16	28	0	0	44	2	11	21	0	34	7	53	17	2	79	198	
7:45	0	58	3	1	62	51	31	1	0	83	13	15	36	0	64	12	64	47	1	124	333	
8:00	1	42	15	0	58	47	18	0	0	65	1	12	40	0	53	7	55	22	2	86	262	
8:15	2	15	4	0	21	25	12	0	0	37	1	13	37	0	51	4	56	4	0	64	173	
Total Volume	6	148	27	1	182	139	89	1	0	229	17	51	134	0	202	30	228	90	5	353	966	
% App Total	3.3%	81.3%	14.8%	0.5%		60.7%	38.9%	0.4%	0.0%		8.4%	25.2%	66.3%	0.0%		8.5%	64.6%	25.5%	1.4%			
PHF	.500	.638	.450	.250	.734	.681	.718	.250	.000	.690	.327	.850	.838	.000	.789	.625	.891	.479	.625	.712	.725	

PM PEAK HOUR	John Muir Pkwy Southbound					Eagle Rock Way/Eagle Rock Ave Westbound					John Muir Pkwy Northbound					Eagle Rock Way/Eagle Rock Ave Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 14:45 to 15:45																						
Peak Hour For Entire Intersection Begins at 14:45																						
14:45	1	17	6	3	27	26	33	3	0	62	6	33	38	0	77	8	41	5	1	55	221	
15:00	3	13	8	1	25	17	26	1	0	44	3	26	16	0	45	7	40	3	1	51	165	
15:15	2	13	5	3	23	26	35	2	0	63	2	15	18	0	35	12	56	11	0	79	200	
15:30	3	18	8	7	36	28	34	1	0	63	0	16	23	0	39	8	51	8	0	67	205	
Total Volume	9	61	27	14	111	97	128	7	0	232	11	90	95	0	196	35	188	27	2	252	791	
% App Total	8.1%	55.0%	24.3%	12.6%		41.8%	55.2%	3.0%	0.0%		5.6%	45.9%	48.5%	0.0%		13.9%	74.6%	10.7%	0.8%			
PHF	.750	.847	.844	.500	.771	.866	.914	.583	.000	.921	.458	.682	.625	.000	.636	.729	.839	.614	.500	.797	.895	

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-010 Foothill Dr & Ventura Dr
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Foothill Dr Southbound					Ventura Dr Westbound					Foothill Dr Northbound					Ventura Dr Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	0	9	0	2	11	1	0	1	0	2	0	18	3	0	21	0	0	0	0	0	34	2
7:15	6	12	0	5	23	0	0	3	0	3	0	28	4	0	32	0	0	0	0	0	58	5
7:30	13	15	0	3	31	3	0	8	0	11	0	27	14	0	41	0	0	0	0	0	83	3
7:45	15	23	0	2	40	9	0	18	0	27	0	28	22	0	50	0	0	0	0	0	117	2
Total	34	59	0	12	105	13	0	30	0	43	0	101	43	0	144	0	0	0	0	0	292	12
8:00	18	17	0	2	37	8	0	29	0	37	0	15	9	0	24	0	0	0	0	0	98	2
8:15	6	19	0	1	26	6	0	19	0	25	0	21	10	0	31	0	0	0	0	0	82	1
8:30	6	13	0	2	21	4	0	2	0	6	0	22	4	0	26	0	0	0	0	0	53	2
8:45	1	12	0	0	13	3	0	4	0	7	0	9	4	0	13	0	0	0	0	0	33	0
Total	31	61	0	5	97	21	0	54	0	75	0	67	27	0	94	0	0	0	0	0	266	5
14:00	7	11	0	1	19	15	0	29	0	44	0	12	9	0	21	0	0	0	0	0	84	1
14:15	14	15	0	2	31	5	0	15	0	20	0	19	3	0	22	0	0	0	0	0	73	2
14:30	7	15	0	3	25	4	0	10	0	14	0	27	1	0	28	0	0	0	0	0	67	3
14:45	14	23	0	5	42	7	0	34	0	41	0	19	10	0	29	0	0	0	0	0	112	5
Total	42	64	0	11	117	31	0	88	0	119	0	77	23	0	100	0	0	0	0	0	336	11
15:00	13	24	0	0	37	6	0	5	0	11	0	20	6	0	26	0	0	0	0	0	74	0
15:15	15	42	0	2	59	4	0	4	0	8	0	33	6	0	39	0	0	0	0	0	106	2
15:30	7	31	0	2	40	4	0	3	0	7	0	39	5	0	44	0	0	0	0	0	91	2
15:45	4	15	0	4	23	7	0	5	0	12	0	25	5	0	30	0	0	0	0	0	65	4
Total	39	112	0	8	159	21	0	17	0	38	0	117	22	0	139	0	0	0	0	0	336	8
Grand Total	146	296	0	36	478	86	0	189	0	275	0	362	115	0	477	0	0	0	0	0	1230	36
Apprch %	30.5%	61.9%	0.0%	7.5%		31.3%	0.0%	68.7%	0.0%		0.0%	75.9%	24.1%	0.0%		0.0%	0.0%	0.0%	0.0%			
Total %	11.9%	24.1%	0.0%	2.9%	38.9%	7.0%	0.0%	15.4%	0.0%	22.4%	0.0%	29.4%	9.3%	0.0%	38.8%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	

AM PEAK HOUR	Foothill Dr Southbound					Ventura Dr Westbound					Foothill Dr Northbound					Ventura Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 07:30 to 08:30																					
Peak Hour For Entire Intersection Begins at 07:30																					
7:30	13	15	0	3	31	3	0	8	0	11	0	27	14	0	41	0	0	0	0	0	83
7:45	15	23	0	2	40	9	0	18	0	27	0	28	22	0	50	0	0	0	0	0	117
8:00	18	17	0	2	37	8	0	29	0	37	0	15	9	0	24	0	0	0	0	0	98
8:15	6	19	0	1	26	6	0	19	0	25	0	21	10	0	31	0	0	0	0	0	82
Total Volume	52	74	0	8	134	26	0	74	0	100	0	91	55	0	146	0	0	0	0	0	380
% App Total	38.8%	55.2%	0.0%	6.0%		26.0%	0.0%	74.0%	0.0%		0.0%	62.3%	37.7%	0.0%		0.0%	0.0%	0.0%	0.0%		
PHF	.722	.804	.000	.667	.838	.722	.000	.638	.000	.676	.000	.813	.625	.000	.730	.000	.000	.000	.000	.000	.812

PM PEAK HOUR	Foothill Dr Southbound					Ventura Dr Westbound					Foothill Dr Northbound					Ventura Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 14:45 to 15:45																					
Peak Hour For Entire Intersection Begins at 14:45																					
14:45	14	23	0	5	42	7	0	34	0	41	0	19	10	0	29	0	0	0	0	0	112
15:00	13	24	0	0	37	6	0	5	0	11	0	20	6	0	26	0	0	0	0	0	74
15:15	15	42	0	2	59	4	0	4	0	8	0	33	6	0	39	0	0	0	0	0	106
15:30	7	31	0	2	40	4	0	3	0	7	0	39	5	0	44	0	0	0	0	0	91
Total Volume	49	120	0	9	178	21	0	46	0	67	0	111	27	0	138	0	0	0	0	0	383
% App Total	27.5%	67.4%	0.0%	5.1%		31.3%	0.0%	68.7%	0.0%		0.0%	80.4%	19.6%	0.0%		0.0%	0.0%	0.0%	0.0%		
PHF	.817	.714	.000	.450	.754	.750	.000	.338	.000	.409	.000	.712	.675	.000	.784	.000	.000	.000	.000	.000	.855

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-011 Spyglass Dr & Foothill Dr
 Date : 2/14/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Spyglass Dr Southbound					Foothill Dr Westbound					Spyglass Dr Northbound					Foothill Dr Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
7:00	0	0	0	0	0	0	1	0	0	1	5	0	0	0	5	0	0	3	0	3	9	0
7:15	0	0	0	0	0	0	2	0	0	2	10	0	0	0	10	0	0	5	0	5	17	0
7:30	0	0	0	0	0	0	0	0	0	0	21	0	0	0	21	0	0	3	0	3	24	0
7:45	0	0	0	0	0	0	0	0	0	0	20	0	0	0	20	0	0	10	0	10	30	0
Total	0	0	0	0	0	0	3	0	0	3	56	0	0	0	56	0	0	21	0	21	80	0
8:00	0	0	0	0	0	0	0	0	0	0	12	0	0	0	12	0	0	10	0	10	22	0
8:15	0	0	0	0	0	0	0	0	0	0	13	0	0	0	13	0	1	9	0	10	23	0
8:30	0	0	0	0	0	0	0	0	0	0	14	0	0	0	14	0	0	5	0	5	19	0
8:45	0	0	0	0	0	0	0	0	0	0	3	0	1	0	4	0	1	4	0	5	9	0
Total	0	0	0	0	0	0	0	0	0	0	42	0	1	0	43	0	2	28	0	30	73	0
14:00	0	0	0	0	0	0	0	0	0	0	9	0	0	0	9	0	1	9	0	10	19	0
14:15	0	0	0	0	0	0	1	1	0	2	8	0	0	0	8	0	1	6	0	7	17	0
14:30	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	7	0	7	17	0
14:45	0	0	0	0	0	0	0	0	0	0	11	0	1	0	12	0	1	12	0	13	25	0
Total	0	0	0	0	0	1	1	0	0	2	38	0	1	0	39	0	3	34	0	37	78	0
15:00	0	0	0	0	0	0	0	0	0	0	9	0	0	0	9	0	0	8	0	8	17	0
15:15	0	0	0	0	0	0	1	0	0	1	12	0	1	0	13	0	2	6	0	8	22	0
15:30	0	0	0	0	0	0	5	0	0	5	9	0	1	0	10	0	0	10	0	10	25	0
15:45	0	0	0	0	0	0	2	0	0	2	4	0	0	0	4	0	1	9	0	10	16	0
Total	0	0	0	0	0	0	8	0	0	8	34	0	2	0	36	0	3	33	0	36	80	0
Grand Total	0	0	0	0	0	1	12	0	0	13	170	0	4	0	174	0	8	116	0	124	311	0
Apprch %	0.0%	0.0%	0.0%	0.0%		7.7%	92.3%	0.0%	0.0%		97.7%	0.0%	2.3%	0.0%		0.0%	6.5%	93.5%	0.0%			
Total %	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	3.9%	0.0%	0.0%	4.2%	54.7%	0.0%	1.3%	0.0%	55.9%	0.0%	2.6%	37.3%	0.0%	39.9%	100.0%	

AM PEAK HOUR	Spyglass Dr Southbound					Foothill Dr Westbound					Spyglass Dr Northbound					Foothill Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 07:30 to 08:30																					
Peak Hour For Entire Intersection Begins at 07:30																					
7:30	0	0	0	0	0	0	0	0	0	0	21	0	0	0	21	0	0	3	0	3	24
7:45	0	0	0	0	0	0	0	0	0	0	20	0	0	0	20	0	0	10	0	10	30
8:00	0	0	0	0	0	0	0	0	0	0	12	0	0	0	12	0	0	10	0	10	22
8:15	0	0	0	0	0	0	0	0	0	0	13	0	0	0	13	0	1	9	0	10	23
Total Volume	0	0	0	0	0	0	0	0	0	0	66	0	0	0	66	0	1	32	0	33	99
% App Total	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		100.0%	0.0%	0.0%	0.0%		0.0%	3.0%	97.0%	0.0%		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.786	.000	.000	.000	.786	.000	.250	.800	.000	.825	.825

PM PEAK HOUR	Spyglass Dr Southbound					Foothill Dr Westbound					Spyglass Dr Northbound					Foothill Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 14:45 to 15:45																					
Peak Hour For Entire Intersection Begins at 14:45																					
14:45	0	0	0	0	0	0	0	0	0	0	11	0	1	0	12	0	1	12	0	13	25
15:00	0	0	0	0	0	0	0	0	0	0	9	0	0	0	9	0	0	8	0	8	17
15:15	0	0	0	0	0	0	1	0	0	1	12	0	1	0	13	0	2	6	0	8	22
15:30	0	0	0	0	0	0	5	0	0	5	9	0	1	0	10	0	0	10	0	10	25
Total Volume	0	0	0	0	0	0	6	0	0	6	41	0	3	0	44	0	3	36	0	39	89
% App Total	0.0%	0.0%	0.0%	0.0%		0.0%	100.0%	0.0%	0.0%		93.2%	0.0%	6.8%	0.0%		0.0%	7.7%	92.3%	0.0%		
PHF	.000	.000	.000	.000	.000	.000	.300	.000	.000	.300	.854	.000	.750	.000	.846	.000	.375	.750	.000	.750	.890

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-001 American Ave/Country Club Dr & Balfour Rd
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	American Ave/Country Club Dr Southbound					Balfour Rd Westbound					American Ave/Country Club Dr Northbound					Balfour Rd Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	20	0	1	0	21	19	29	6	0	54	2	2	30	0	34	6	27	0	0	33	142	0
11:15	24	2	4	1	31	13	47	20	0	80	1	0	8	0	9	5	37	1	0	43	163	1
11:30	18	3	6	0	27	8	34	14	0	56	5	3	27	0	35	2	34	0	0	36	154	0
11:45	14	5	4	0	23	14	48	20	0	82	4	4	27	0	35	3	32	2	0	37	177	0
Total	76	10	15	1	102	54	158	60	0	272	12	9	92	0	113	16	130	3	0	149	636	1
12:00	27	3	2	0	32	14	49	26	0	89	0	3	15	0	18	2	31	1	0	34	173	0
12:15	14	3	5	1	23	12	37	13	0	62	2	2	25	0	29	5	36	2	0	43	157	1
12:30	14	2	4	1	21	9	38	17	0	64	0	1	8	0	9	3	36	2	0	41	135	1
12:45	21	13	6	0	40	23	41	19	0	83	0	0	8	1	9	3	40	0	0	43	175	1
Total	76	21	17	2	116	58	165	75	0	298	2	6	56	1	65	13	143	5	0	161	640	3
Grand Total	152	31	32	3	218	112	323	135	0	570	14	15	148	1	178	29	273	8	0	310	1276	4
Apprch %	69.7%	14.2%	14.7%	1.4%		19.6%	56.7%	23.7%	0.0%		7.9%	8.4%	83.1%	0.6%		9.4%	88.1%	2.6%	0.0%			
Total %	11.9%	2.4%	2.5%	0.2%	17.1%	8.8%	25.3%	10.6%	0.0%	44.7%	1.1%	1.2%	11.6%	0.1%	13.9%	2.3%	21.4%	0.6%	0.0%	24.3%	100.0%	

NOON PEAK	American Ave/Country Club Dr Southbound					Balfour Rd Westbound					American Ave/Country Club Dr Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 11:15 to 12:15																					
Peak Hour For Entire Intersection Begins at 11:15																					
11:15	24	2	4	1	31	13	47	20	0	80	1	0	8	0	9	5	37	1	0	43	163
11:30	18	3	6	0	27	8	34	14	0	56	5	3	27	0	35	2	34	0	0	36	154
11:45	14	5	4	0	23	14	48	20	0	82	4	4	27	0	35	3	32	2	0	37	177
12:00	27	3	2	0	32	14	49	26	0	89	0	3	15	0	18	2	31	1	0	34	173
Total Volume	83	13	16	1	113	49	178	80	0	307	10	10	77	0	97	12	134	4	0	150	667
% App Total	73.5%	11.5%	14.2%	0.9%		16.0%	58.0%	26.1%	0.0%		10.3%	10.3%	79.4%	0.0%		8.0%	89.3%	2.7%	0.0%		
PHF	.769	.650	.667	.250	.883	.875	.908	.769	.000	.862	.500	.625	.713	.000	.693	.600	.905	.500	.000	.872	.942

National Data and Surveying Services

City of Brentwood
 All Vehicles & Utturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-002 Foothill Dr/W Country Club Dr & Balfour Rd
 Date : 2/11/2017

Unshifted Count = All Vehicles & Utturns

START TIME	Foothill Dr/W Country Club Dr Southbound					Balfour Rd Westbound					Foothill Dr/W Country Club Dr Northbound					Balfour Rd Eastbound					Total	Utturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	35	7	4	0	46	20	53	26	0	99	6	2	22	0	30	6	79	3	0	88	263	0
11:15	33	7	3	0	43	28	78	26	0	132	2	9	29	0	40	5	76	3	0	84	299	0
11:30	39	7	3	0	49	35	60	31	0	126	3	1	25	0	29	2	75	2	0	79	283	0
11:45	31	6	2	0	39	33	73	38	1	145	10	6	23	0	39	0	70	6	0	76	299	1
Total	138	27	12	0	177	116	264	121	1	502	21	18	99	0	138	13	300	14	0	327	1144	1
12:00	27	10	8	0	45	22	78	34	0	134	8	5	21	0	34	5	58	11	1	75	288	1
12:15	31	4	2	0	37	31	77	39	1	148	2	5	23	0	30	2	73	6	0	81	296	1
12:30	36	3	3	0	42	26	59	30	0	115	1	3	19	0	23	2	62	2	1	67	247	1
12:45	42	12	4	0	58	19	86	30	2	137	6	4	24	0	34	1	66	5	0	72	301	2
Total	136	29	17	0	182	98	300	133	3	534	17	17	87	0	121	10	259	24	2	295	1132	5
Grand Total	274	56	29	0	359	214	564	254	4	1036	38	35	186	0	259	23	559	38	2	622	2276	6
Apprch %	76.3%	15.6%	8.1%	0.0%		20.7%	54.4%	24.5%	0.4%		14.7%	13.5%	71.8%	0.0%		3.7%	89.9%	6.1%	0.3%			
Total %	12.0%	2.5%	1.3%	0.0%	15.8%	9.4%	24.8%	11.2%	0.2%	45.5%	1.7%	1.5%	8.2%	0.0%	11.4%	1.0%	24.6%	1.7%	0.1%	27.3%	100.0%	

NOON PEAK	Foothill Dr/W Country Club Dr Southbound					Balfour Rd Westbound					Foothill Dr/W Country Club Dr Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 11:15 to 12:15																					
Peak Hour For Entire Intersection Begins at 11:15																					
11:15	33	7	3	0	43	28	78	26	0	132	2	9	29	0	40	5	76	3	0	84	299
11:30	39	7	3	0	49	35	60	31	0	126	3	1	25	0	29	2	75	2	0	79	283
11:45	31	6	2	0	39	33	73	38	1	145	10	6	23	0	39	0	70	6	0	76	299
12:00	27	10	8	0	45	22	78	34	0	134	8	5	21	0	34	5	58	11	1	75	288
Total Volume	130	30	16	0	176	118	289	129	1	537	23	21	98	0	142	12	279	22	1	314	1169
% App Total	73.9%	17.0%	9.1%	0.0%		22.0%	53.8%	24.0%	0.2%		16.2%	14.8%	69.0%	0.0%		3.8%	88.9%	7.0%	0.3%		
PHF	.833	.750	.500	.000	.898	.843	.926	.849	.250	.926	.575	.583	.845	.000	.888	.600	.918	.500	.250	.935	.977

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-003 John Muir Pkwy & Balfour Rd
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	John Muir Pkwy Southbound					Balfour Rd Westbound					John Muir Pkwy Northbound					Balfour Rd Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	7	2	2	0	11	4	97	3	6	110	2	1	6	0	9	3	128	2	2	135	265	8
11:15	3	0	3	0	6	4	120	1	7	132	7	1	5	0	13	8	129	2	0	139	290	7
11:30	2	0	5	0	7	0	115	1	9	125	3	0	7	1	11	6	129	3	1	139	282	11
11:45	4	1	3	0	8	7	135	0	8	150	7	4	7	0	18	4	111	4	0	119	295	8
Total	16	3	13	0	32	15	467	5	30	517	19	6	25	1	51	21	497	11	3	532	1132	34
12:00	3	2	1	0	6	4	124	0	7	135	10	7	10	0	27	5	102	4	1	112	280	8
12:15	5	3	5	0	13	5	131	2	12	150	8	3	7	1	19	4	117	4	1	126	308	14
12:30	10	1	4	0	15	5	102	2	13	122	9	5	7	0	21	5	112	1	0	118	276	13
12:45	8	1	2	0	11	9	133	0	6	148	6	2	10	0	18	5	124	2	0	131	308	6
Total	26	7	12	0	45	23	490	4	38	555	33	17	34	1	85	19	455	11	2	487	1172	41
Grand Total	42	10	25	0	77	38	957	9	68	1072	52	23	59	2	136	40	952	22	5	1019	2304	75
Apprch %	54.5%	13.0%	32.5%	0.0%		3.5%	89.3%	0.8%	6.3%		38.2%	16.9%	43.4%	1.5%		3.9%	93.4%	2.2%	0.5%			
Total %	1.8%	0.4%	1.1%	0.0%	3.3%	1.6%	41.5%	0.4%	3.0%	46.5%	2.3%	1.0%	2.6%	0.1%	5.9%	1.7%	41.3%	1.0%	0.2%	44.2%	100.0%	

NOON PEAK	John Muir Pkwy Southbound					Balfour Rd Westbound					John Muir Pkwy Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 12:00 to 13:00																					
Peak Hour For Entire Intersection Begins at 12:00																					
12:00	3	2	1	0	6	4	124	0	7	135	10	7	10	0	27	5	102	4	1	112	280
12:15	5	3	5	0	13	5	131	2	12	150	8	3	7	1	19	4	117	4	1	126	308
12:30	10	1	4	0	15	5	102	2	13	122	9	5	7	0	21	5	112	1	0	118	276
12:45	8	1	2	0	11	9	133	0	6	148	6	2	10	0	18	5	124	2	0	131	308
Total Volume	26	7	12	0	45	23	490	4	38	555	33	17	34	1	85	19	455	11	2	487	1172
% App Total	57.8%	15.6%	26.7%	0.0%		4.1%	88.3%	0.7%	6.8%		38.8%	20.0%	40.0%	1.2%		3.9%	93.4%	2.3%	0.4%		
PHF	.650	.583	.600	.000	.750	.639	.921	.500	.731	.925	.825	.607	.850	.250	.787	.950	.917	.688	.500	.929	.951

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-004 Eagle Rock Way/Cortona Way & Balfour Rd
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Eagle Rock Way/Cortona Way Southbound					Balfour Rd Westbound					Eagle Rock Way/Cortona Way Northbound					Balfour Rd Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	29	8	4	0	41	24	109	12	14	159	0	3	47	0	50	10	136	1	2	149	399	16
11:15	19	2	3	0	24	21	135	11	12	179	2	5	47	0	54	14	131	1	1	147	404	13
11:30	32	2	6	0	40	34	117	13	11	175	0	2	39	0	41	13	136	2	0	151	407	11
11:45	28	1	4	0	33	26	143	13	9	191	0	5	30	0	35	11	112	0	0	123	382	9
Total	108	13	17	0	138	105	504	49	46	704	2	15	163	0	180	48	515	4	3	570	1592	49
12:00	39	5	2	0	46	27	134	7	11	179	0	0	46	0	46	11	113	2	0	126	397	11
12:15	28	3	9	0	40	24	136	15	15	190	3	3	31	0	37	12	124	1	1	138	405	16
12:30	28	2	5	0	35	29	123	14	11	177	0	3	36	0	39	16	130	0	0	146	397	11
12:45	29	3	3	0	35	35	141	14	11	201	1	3	32	0	36	15	133	0	2	150	422	13
Total	124	13	19	0	156	115	534	50	48	747	4	9	145	0	158	54	500	3	3	560	1621	51
Grand Total	232	26	36	0	294	220	1038	99	94	1451	6	24	308	0	338	102	1015	7	6	1130	3213	100
Apprch %	78.9%	8.8%	12.2%	0.0%		15.2%	71.5%	6.8%	6.5%		1.8%	7.1%	91.1%	0.0%		9.0%	89.8%	0.6%	0.5%			
Total %	7.2%	0.8%	1.1%	0.0%	9.2%	6.8%	32.3%	3.1%	2.9%	45.2%	0.2%	0.7%	9.6%	0.0%	10.5%	3.2%	31.6%	0.2%	0.2%	35.2%	100.0%	

NOON PEAK	Eagle Rock Way/Cortona Way Southbound					Balfour Rd Westbound					Eagle Rock Way/Cortona Way Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 12:00 to 13:00																					
Peak Hour For Entire Intersection Begins at 12:00																					
12:00	39	5	2	0	46	27	134	7	11	179	0	0	46	0	46	11	113	2	0	126	397
12:15	28	3	9	0	40	24	136	15	15	190	3	3	31	0	37	12	124	1	1	138	405
12:30	28	2	5	0	35	29	123	14	11	177	0	3	36	0	39	16	130	0	0	146	397
12:45	29	3	3	0	35	35	141	14	11	201	1	3	32	0	36	15	133	0	2	150	422
Total Volume	124	13	19	0	156	115	534	50	48	747	4	9	145	0	158	54	500	3	3	560	1621
% App Total	79.5%	8.3%	12.2%	0.0%		15.4%	71.5%	6.7%	6.4%		2.5%	5.7%	91.8%	0.0%		9.6%	89.3%	0.5%	0.5%		
PHF	.795	.650	.528	.000	.848	.821	.947	.833	.800	.929	.333	.750	.788	.000	.859	.844	.940	.375	.375	.933	.960

National Data and Surveying Services

City of Brentwood
 All Vehicles & Utturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-005 SR 4 & Balfour Rd
 Date : 2/11/2017

Unshifted Count = All Vehicles & Utturns

START TIME	SR 4 Southbound					Balfour Rd Westbound					SR 4 Northbound					Balfour Rd Eastbound					Total	Utturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	94	161	58	0	313	17	96	136	0	249	12	130	12	0	154	110	86	42	0	238	954	0
11:15	104	188	60	0	352	12	83	148	0	243	24	149	14	0	187	86	83	29	0	198	980	0
11:30	117	159	68	0	344	10	79	136	0	225	18	156	10	0	184	95	104	29	0	228	981	0
11:45	133	160	71	0	364	16	101	125	0	242	26	156	20	0	202	72	75	33	0	180	988	0
Total	448	668	257	0	1373	55	359	545	0	959	80	591	56	0	727	363	348	133	0	844	3903	0
12:00	96	174	76	0	346	12	82	128	0	222	22	165	17	0	204	90	84	34	0	208	980	0
12:15	125	169	74	0	368	18	107	134	0	259	21	143	18	0	182	63	88	34	0	185	994	0
12:30	115	145	63	0	323	9	89	152	0	250	26	152	11	0	189	98	90	30	0	218	980	0
12:45	121	135	75	0	331	9	103	110	0	222	28	149	11	0	188	92	90	19	0	201	942	0
Total	457	623	288	0	1368	48	381	524	0	953	97	609	57	0	763	343	352	117	0	812	3896	0
Grand Total	905	1291	545	0	2741	103	740	1069	0	1912	177	1200	113	0	1490	706	700	250	0	1656	7799	0
Apprch %	33.0%	47.1%	19.9%	0.0%		5.4%	38.7%	55.9%	0.0%		11.9%	80.5%	7.6%	0.0%		42.6%	42.3%	15.1%	0.0%			
Total %	11.6%	16.6%	7.0%	0.0%	35.1%	1.3%	9.5%	13.7%	0.0%	24.5%	2.3%	15.4%	1.4%	0.0%	19.1%	9.1%	9.0%	3.2%	0.0%	21.2%	100.0%	

NOON PEAK	SR 4 Southbound					Balfour Rd Westbound					SR 4 Northbound					Balfour Rd Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 11:30 to 12:30																					
Peak Hour For Entire Intersection Begins at 11:30																					
11:30	117	159	68	0	344	10	79	136	0	225	18	156	10	0	184	95	104	29	0	228	981
11:45	133	160	71	0	364	16	101	125	0	242	26	156	20	0	202	72	75	33	0	180	988
12:00	96	174	76	0	346	12	82	128	0	222	22	165	17	0	204	90	84	34	0	208	980
12:15	125	169	74	0	368	18	107	134	0	259	21	143	18	0	182	63	88	34	0	185	994
Total Volume	471	662	289	0	1422	56	369	523	0	948	87	620	65	0	772	320	351	130	0	801	3943
% App Total	33.1%	46.6%	20.3%	0.0%		5.9%	38.9%	55.2%	0.0%		11.3%	80.3%	8.4%	0.0%		40.0%	43.8%	16.2%	0.0%		
PHF	.885	.951	.951	.000	.966	.778	.862	.961	.000	.915	.837	.939	.813	.000	.946	.842	.844	.956	.000	.878	.992

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-006 Foothill Dr & St Andrews Dr/Eagle Rock Ave
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Foothill Dr Southbound					St Andrews Dr/Eagle Rock Ave Westbound					Foothill Dr Northbound					St Andrews Dr/Eagle Rock Ave Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	0	8	27	0	35	3	12	1	0	16	4	7	0	0	11	22	21	2	0	45	107	0
11:15	2	9	23	0	34	1	10	1	0	12	0	18	1	0	19	23	21	1	0	45	110	0
11:30	2	12	32	0	46	1	11	0	0	12	0	10	2	0	12	17	18	2	0	37	107	0
11:45	3	19	20	0	42	0	9	6	0	15	1	15	2	0	18	22	18	1	0	41	116	0
Total	7	48	102	0	157	5	42	8	0	55	5	50	5	0	60	84	78	6	0	168	440	0
12:00	2	16	23	0	41	0	8	0	0	8	0	12	2	0	14	18	23	0	0	41	104	0
12:15	1	18	28	0	47	2	8	1	0	11	2	9	0	0	11	20	16	0	0	36	105	0
12:30	1	12	11	0	24	5	5	1	0	11	3	16	2	1	22	9	19	1	0	29	86	1
12:45	3	12	22	0	37	1	12	0	0	13	1	15	1	0	17	16	19	2	0	37	104	0
Total	7	58	84	0	149	8	33	2	0	43	6	52	5	1	64	63	77	3	0	143	399	1
Grand Total	14	106	186	0	306	13	75	10	0	98	11	102	10	1	124	147	155	9	0	311	839	1
Apprch %	4.6%	34.6%	60.8%	0.0%		13.3%	76.5%	10.2%	0.0%		8.9%	82.3%	8.1%	0.8%		47.3%	49.8%	2.9%	0.0%			
Total %	1.7%	12.6%	22.2%	0.0%	36.5%	1.5%	8.9%	1.2%	0.0%	11.7%	1.3%	12.2%	1.2%	0.1%	14.8%	17.5%	18.5%	1.1%	0.0%	37.1%	100.0%	

NOON PEAK	Foothill Dr Southbound					St Andrews Dr/Eagle Rock Ave Westbound					Foothill Dr Northbound					St Andrews Dr/Eagle Rock Ave Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 11:00 to 12:00																					
Peak Hour For Entire Intersection Begins at 11:00																					
11:00	0	8	27	0	35	3	12	1	0	16	4	7	0	0	11	22	21	2	0	45	107
11:15	2	9	23	0	34	1	10	1	0	12	0	18	1	0	19	23	21	1	0	45	110
11:30	2	12	32	0	46	1	11	0	0	12	0	10	2	0	12	17	18	2	0	37	107
11:45	3	19	20	0	42	0	9	6	0	15	1	15	2	0	18	22	18	1	0	41	116
Total Volume	7	48	102	0	157	5	42	8	0	55	5	50	5	0	60	84	78	6	0	168	440
% App Total	4.5%	30.6%	65.0%	0.0%		9.1%	76.4%	14.5%	0.0%		8.3%	83.3%	8.3%	0.0%		50.0%	46.4%	3.6%	0.0%		
PHF	.583	.632	.797	.000	.853	.417	.875	.333	.000	.859	.313	.694	.625	.000	.789	.913	.929	.750	.000	.933	.948

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-007 Country Club Dr & Lakeview Dr
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Country Club Dr Southbound					Lakeview Dr Westbound					Country Club Dr Northbound					Lakeview Dr Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	0	37	1	1	39	2	0	0	0	2	7	27	0	0	34	0	0	7	0	7	82	1
11:15	0	30	1	0	31	0	0	0	0	0	4	34	0	0	38	0	0	13	0	13	82	0
11:30	0	44	0	0	44	0	0	0	0	0	5	29	0	0	34	0	0	7	0	7	85	0
11:45	0	32	1	0	33	0	0	0	0	0	7	36	1	1	45	1	0	5	0	6	84	1
Total	0	143	3	1	147	2	0	0	0	2	23	126	1	1	151	1	0	32	0	33	333	2
12:00	0	30	0	1	31	0	0	0	0	0	12	30	0	1	43	0	0	13	0	13	87	2
12:15	0	28	0	0	28	0	0	0	0	0	6	34	0	0	40	1	0	9	0	10	78	0
12:30	0	34	2	0	36	0	0	0	0	0	11	31	1	0	43	0	0	10	0	10	89	0
12:45	0	49	0	0	49	0	0	0	0	0	6	29	0	0	35	0	0	6	0	6	90	0
Total	0	141	2	1	144	0	0	0	0	0	35	124	1	1	161	1	0	38	0	39	344	2
Grand Total	0	284	5	2	291	2	0	0	0	2	58	250	2	2	312	2	0	70	0	72	677	4
Apprch %	0.0%	97.6%	1.7%	0.7%		100.0%	0.0%	0.0%	0.0%		18.6%	80.1%	0.6%	0.6%		2.8%	0.0%	97.2%	0.0%			
Total %	0.0%	41.9%	0.7%	0.3%	43.0%	0.3%	0.0%	0.0%	0.0%	0.3%	8.6%	36.9%	0.3%	0.3%	46.1%	0.3%	0.0%	10.3%	0.0%	10.6%	100.0%	

NOON PEAK	Country Club Dr Southbound					Lakeview Dr Westbound					Country Club Dr Northbound					Lakeview Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 12:00 to 13:00																					
Peak Hour For Entire Intersection Begins at 12:00																					
12:00	0	30	0	1	31	0	0	0	0	0	12	30	0	1	43	0	0	13	0	13	87
12:15	0	28	0	0	28	0	0	0	0	0	6	34	0	0	40	1	0	9	0	10	78
12:30	0	34	2	0	36	0	0	0	0	0	11	31	1	0	43	0	0	10	0	10	89
12:45	0	49	0	0	49	0	0	0	0	0	6	29	0	0	35	0	0	6	0	6	90
Total Volume	0	141	2	1	144	0	0	0	0	0	35	124	1	1	161	1	0	38	0	39	344
% App Total	0.0%	97.9%	1.4%	0.7%		0.0%	0.0%	0.0%	0.0%		21.7%	77.0%	0.6%	0.6%		2.6%	0.0%	97.4%	0.0%		
PHF	.000	.719	.250	.250	.735	.000	.000	.000	.000	.000	.729	.912	.250	.250	.936	.250	.000	.731	.000	.750	.956

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-008 John Muir Pkwy & Eagle Rock Way/Eagle Rock Ave
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	John Muir Pkwy Southbound					Eagle Rock Way/Eagle Rock Ave Westbound					John Muir Pkwy Northbound					Eagle Rock Way/Eagle Rock Ave Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	0	3	5	0	8	10	15	0	0	25	0	7	14	0	21	5	31	0	0	36	90	0
11:15	0	4	1	1	6	10	14	0	0	24	1	7	10	0	18	7	29	1	0	37	85	1
11:30	0	2	1	1	4	16	14	1	0	31	1	7	11	0	19	7	25	0	0	32	86	1
11:45	0	6	3	0	9	14	12	0	0	26	2	11	10	0	23	3	24	0	0	27	85	0
Total	0	15	10	2	27	50	55	1	0	106	4	32	45	0	81	22	109	1	0	132	346	2
12:00	1	7	1	3	12	12	13	1	0	26	0	17	14	0	31	4	31	1	0	36	105	3
12:15	0	6	6	1	13	12	8	1	0	21	0	5	12	0	17	5	18	0	0	23	74	1
12:30	1	3	4	0	8	12	15	0	0	27	0	14	13	0	27	2	29	0	0	31	93	0
12:45	0	5	3	2	10	7	16	0	0	23	1	13	5	0	19	7	25	1	0	33	85	2
Total	2	21	14	6	43	43	52	2	0	97	1	49	44	0	94	18	103	2	0	123	357	6
Grand Total	2	36	24	8	70	93	107	3	0	203	5	81	89	0	175	40	212	3	0	255	703	8
Apprch %	2.9%	51.4%	34.3%	11.4%		45.8%	52.7%	1.5%	0.0%		2.9%	46.3%	50.9%	0.0%		15.7%	83.1%	1.2%	0.0%			
Total %	0.3%	5.1%	3.4%	1.1%	10.0%	13.2%	15.2%	0.4%	0.0%	28.9%	0.7%	11.5%	12.7%	0.0%	24.9%	5.7%	30.2%	0.4%	0.0%	36.3%	100.0%	

NOON PEAK	John Muir Pkwy Southbound					Eagle Rock Way/Eagle Rock Ave Westbound					John Muir Pkwy Northbound					Eagle Rock Way/Eagle Rock Ave Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 11:15 to 12:15																						
Peak Hour For Entire Intersection Begins at 11:15																						
11:15	0	4	1	1	6	10	14	0	0	24	1	7	10	0	18	7	29	1	0	37	85	
11:30	0	2	1	1	4	16	14	1	0	31	1	7	11	0	19	7	25	0	0	32	86	
11:45	0	6	3	0	9	14	12	0	0	26	2	11	10	0	23	3	24	0	0	27	85	
12:00	1	7	1	3	12	12	13	1	0	26	0	17	14	0	31	4	31	1	0	36	105	
Total Volume	1	19	6	5	31	52	53	2	0	107	4	42	45	0	91	21	109	2	0	132	361	
% App Total	3.2%	61.3%	19.4%	16.1%		48.6%	49.5%	1.9%	0.0%		4.4%	46.2%	49.5%	0.0%		15.9%	82.6%	1.5%	0.0%			
PHF	.250	.679	.500	.417	.646	.813	.946	.500	.000	.863	.500	.618	.804	.000	.734	.750	.879	.500	.000	.892	.860	

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-009 Foothill Dr & Crawford Dr
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Foothill Dr Southbound					Crawford Dr Westbound					Foothill Dr Northbound					Crawford Dr Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	0	14	0	1	15	0	0	1	0	1	0	17	0	1	18	0	0	0	0	0	34	2
11:15	1	11	0	3	15	0	0	2	0	2	0	20	1	0	21	0	0	0	0	0	38	3
11:30	2	15	0	0	17	0	0	1	0	1	0	19	0	1	20	0	0	0	0	0	38	1
11:45	1	23	0	0	24	0	0	2	0	2	0	21	0	1	22	0	0	0	0	0	48	1
Total	4	63	0	4	71	0	0	6	0	6	0	77	1	3	81	0	0	0	0	0	158	7
12:00	0	16	0	1	17	0	0	1	0	1	0	23	0	1	24	0	0	0	0	0	42	2
12:15	2	19	0	2	23	1	0	1	0	2	0	15	0	0	15	0	0	0	0	0	40	2
12:30	1	15	0	5	21	0	0	1	0	1	0	22	1	0	23	0	0	0	0	0	45	5
12:45	1	17	0	3	21	0	0	4	0	4	0	23	0	0	23	0	0	0	0	0	48	3
Total	4	67	0	11	82	1	0	7	0	8	0	83	1	1	85	0	0	0	0	0	175	12
Grand Total	8	130	0	15	153	1	0	13	0	14	0	160	2	4	166	0	0	0	0	0	333	19
Apprch %	5.2%	85.0%	0.0%	9.8%		7.1%	0.0%	92.9%	0.0%		0.0%	96.4%	1.2%	2.4%		0.0%	0.0%	0.0%	0.0%			
Total %	2.4%	39.0%	0.0%	4.5%	45.9%	0.3%	0.0%	3.9%	0.0%	4.2%	0.0%	48.0%	0.6%	1.2%	49.8%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	

NOON PEAK	Foothill Dr Southbound					Crawford Dr Westbound					Foothill Dr Northbound					Crawford Dr Eastbound					Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	
Peak Hour Analysis From 11:45 to 12:45																					
Peak Hour For Entire Intersection Begins at 11:45																					
11:45	1	23	0	0	24	0	0	2	0	2	0	21	0	1	22	0	0	0	0	0	48
12:00	0	16	0	1	17	0	0	1	0	1	0	23	0	1	24	0	0	0	0	0	42
12:15	2	19	0	2	23	1	0	1	0	2	0	15	0	0	15	0	0	0	0	0	40
12:30	1	15	0	5	21	0	0	1	0	1	0	22	1	0	23	0	0	0	0	0	45
Total Volume	4	73	0	8	85	1	0	5	0	6	0	81	1	2	84	0	0	0	0	0	175
% App Total	4.7%	85.9%	0.0%	9.4%		16.7%	0.0%	83.3%	0.0%		0.0%	96.4%	1.2%	2.4%		0.0%	0.0%	0.0%	0.0%		
PHF	.500	.793	.000	.400	.885	.250	.000	.625	.000	.750	.000	.880	.250	.500	.875	.000	.000	.000	.000	.000	.911

National Data and Surveying Services

City of Brentwood
 All Vehicles & Uturns On Unshifted
 Nothing On Bank 1
 Nothing On Bank 2

(323) 782-0090
info@ndsdata.com

File Name : 17-7117-011 Spyglass Dr & Foothill Dr
 Date : 2/11/2017

Unshifted Count = All Vehicles & Uturns

START TIME	Spyglass Dr Southbound					Foothill Dr Westbound					Spyglass Dr Northbound					Foothill Dr Eastbound					Total	Uturns Total
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
11:00	0	0	0	0	0	0	1	0	0	1	10	0	0	0	10	0	1	5	0	6	17	0
11:15	0	0	0	0	0	1	1	0	0	2	10	0	0	0	10	0	1	9	0	10	22	0
11:30	0	0	0	0	0	0	2	0	0	2	12	0	0	0	12	0	1	6	0	7	21	0
11:45	0	0	0	0	0	0	1	0	0	1	11	0	0	0	11	0	0	10	0	10	22	0
Total	0	0	0	0	0	1	5	0	0	6	43	0	0	0	43	0	3	30	0	33	82	0
12:00	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	5	0	5	15	0
12:15	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	8	0	8	12	0
12:30	0	0	0	0	0	1	1	0	0	2	8	0	0	0	8	0	1	7	0	8	18	0
12:45	0	0	0	0	0	0	1	0	0	1	8	0	0	0	8	0	2	6	0	8	17	0
Total	0	0	0	0	0	1	2	0	0	3	30	0	0	0	30	0	3	26	0	29	62	0
Grand Total	0	0	0	0	0	2	7	0	0	9	73	0	0	0	73	0	6	56	0	62	144	0
Apprch %	0.0%	0.0%	0.0%	0.0%		22.2%	77.8%	0.0%	0.0%		100.0%	0.0%	0.0%	0.0%		0.0%	9.7%	90.3%	0.0%			
Total %	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	4.9%	0.0%	0.0%	6.3%	50.7%	0.0%	0.0%	0.0%	50.7%	0.0%	4.2%	38.9%	0.0%	43.1%	100.0%	

NOON PEAK	Spyglass Dr Southbound					Foothill Dr Westbound					Spyglass Dr Northbound					Foothill Dr Eastbound					Total	
	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL	LEFT	THRU	RIGHT	UTURNS	APP.TOTAL		
Peak Hour Analysis From 11:00 to 12:00																						
Peak Hour For Entire Intersection Begins at 11:00																						
11:00	0	0	0	0	0	0	1	0	0	1	10	0	0	0	10	0	1	5	0	6	17	
11:15	0	0	0	0	0	1	1	0	0	2	10	0	0	0	10	0	1	9	0	10	22	
11:30	0	0	0	0	0	0	2	0	0	2	12	0	0	0	12	0	1	6	0	7	21	
11:45	0	0	0	0	0	0	1	0	0	1	11	0	0	0	11	0	0	10	0	10	22	
Total Volume	0	0	0	0	0	1	5	0	0	6	43	0	0	0	43	0	3	30	0	33	82	
% App Total	0.0%	0.0%	0.0%	0.0%		16.7%	83.3%	0.0%	0.0%		100.0%	0.0%	0.0%	0.0%		0.0%	9.1%	90.9%	0.0%			
PHF	.000	.000	.000	.000	.000	.250	.625	.000	.000	.750	.896	.000	.000	.000	.896	.000	.750	.750	.000	.825	.932	

National Data & Surveying Services

Intersection Turning Movement Count

Location: John Muir Pkwy & Ventura Dr
City: Brentwood
Control:

Project ID: 17-07852-001
Date: 10/19/2017

Total

NS/EW Streets:	John Muir Pkwy				John Muir Pkwy				Ventura Dr				Ventura Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
7:00 AM	0	0	0	0	10	0	11	0	5	5	0	0	0	7	7	0	45
7:15 AM	0	0	0	0	4	0	21	0	6	2	0	0	0	19	7	0	59
7:30 AM	0	0	0	0	7	0	41	0	12	11	0	0	0	30	18	0	119
7:45 AM	0	0	0	0	11	0	98	0	29	16	0	0	0	48	22	0	224
8:00 AM	0	0	0	0	11	0	88	0	47	13	0	0	0	26	14	0	199
8:15 AM	0	0	0	0	5	0	13	0	35	11	0	0	0	9	10	0	83
8:30 AM	0	0	0	0	7	0	7	0	8	5	0	0	0	6	12	0	45
8:45 AM	0	0	0	0	9	0	9	0	11	6	0	0	0	3	12	0	50
TOTAL VOLUMES :	0	0	0	0	64	0	288	0	153	69	0	0	0	148	102	0	824
APPROACH %'s :					18.18%	0.00%	81.82%	0.00%	68.92%	31.08%	0.00%	0.00%	0.00%	59.20%	40.80%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	0	0	0	34	0	240	0	123	51	0	0	0	113	64	0	625
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.773	0.000	0.612	0.000	0.654	0.797	0.000	0.000	0.000	0.589	0.727	0.000	0.698
					0.628				0.725				0.632				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
2:00 PM	0	0	0	0	13	0	42	0	24	15	0	0	0	8	15	0	117
2:15 PM	0	0	0	0	13	0	22	0	16	17	0	0	0	8	16	0	92
2:30 PM	0	0	0	0	9	0	30	1	5	7	0	0	0	14	8	0	74
2:45 PM	0	0	0	0	15	0	22	0	36	18	0	0	0	14	16	0	121
3:00 PM	0	0	0	0	13	0	7	0	14	8	0	0	0	8	10	0	60
3:15 PM	0	0	0	0	27	0	4	0	6	12	0	0	0	6	14	0	69
3:30 PM	0	0	0	0	19	0	5	1	6	6	0	0	0	3	12	0	52
3:45 PM	0	0	0	0	9	0	10	0	8	8	0	0	0	3	14	0	52
TOTAL VOLUMES :	0	0	0	0	118	0	142	2	115	91	0	0	0	64	105	0	637
APPROACH %'s :					45.04%	0.00%	54.20%	0.76%	55.83%	44.17%	0.00%	0.00%	0.00%	37.87%	62.13%	0.00%	
PEAK HR :	02:00 PM - 03:00 PM																TOTAL
PEAK HR VOL :	0	0	0	0	50	0	116	1	81	57	0	0	0	44	55	0	404
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.833	0.000	0.690	0.250	0.563	0.792	0.000	0.000	0.000	0.786	0.859	0.000	0.835
					0.759				0.639				0.825				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Crawford Dr & Ventura Dr
City: Brentwood
Control:

Project ID: 17-07852-002
Date: 10/19/2017

Total

NS/EW Streets:	Crawford Dr				Crawford Dr				Ventura Dr				Ventura Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	11	0	1	0	0	17	0	0	0	6	3	0	38
7:15 AM	0	0	0	0	5	0	0	0	0	19	0	0	0	21	5	0	50
7:30 AM	0	0	0	0	22	0	5	1	2	15	0	0	0	22	3	0	70
7:45 AM	0	0	0	0	41	0	9	0	6	27	0	0	0	21	13	0	117
8:00 AM	0	0	0	0	45	0	30	1	7	21	0	0	0	13	6	0	123
8:15 AM	0	0	0	0	25	0	4	0	2	11	0	0	0	9	0	0	51
8:30 AM	0	0	0	0	4	0	2	0	0	11	0	0	0	5	0	0	22
8:45 AM	0	0	0	0	5	0	1	0	0	12	0	0	0	4	1	0	23
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	0	0	0	0	158	0	52	2	17	133	0	0	0	101	31	0	494
					74.53%	0.00%	24.53%	0.94%	11.33%	88.67%	0.00%	0.00%	0.00%	76.52%	23.48%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	0	0	0	133	0	48	2	17	74	0	0	0	65	22	0	361
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.739	0.000	0.400	0.500	0.607	0.685	0.000	0.000	0.000	0.739	0.423	0.000	0.734
					0.602				0.689				0.640				
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
2:00 PM	0	0	0	0	28	0	26	0	3	19	0	0	0	4	10	0	90
2:15 PM	0	0	0	0	19	0	8	2	0	22	0	0	0	3	8	0	62
2:30 PM	0	0	0	0	7	0	7	4	2	17	0	0	0	22	4	0	63
2:45 PM	0	0	0	0	30	0	26	0	2	25	0	0	0	15	7	0	105
3:00 PM	0	0	0	0	15	0	1	0	0	12	0	0	0	6	2	0	36
3:15 PM	0	0	0	0	4	0	3	0	1	15	0	0	0	7	1	0	31
3:30 PM	0	0	0	0	6	0	0	0	0	6	0	0	0	6	3	0	21
3:45 PM	0	0	0	0	7	0	1	0	0	6	0	0	0	6	1	0	21
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	0	0	0	0	116	0	72	6	8	122	0	0	0	69	36	0	429
					59.79%	0.00%	37.11%	3.09%	6.15%	93.85%	0.00%	0.00%	0.00%	65.71%	34.29%	0.00%	
PEAK HR :	02:00 PM - 03:00 PM																TOTAL
PEAK HR VOL :	0	0	0	0	84	0	67	6	7	83	0	0	0	44	29	0	320
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.700	0.000	0.644	0.375	0.583	0.830	0.000	0.000	0.000	0.500	0.725	0.000	0.762
					0.701				0.833				0.702				

Prepared by NDS/ATD

VOLUME

Balfour Rd Bet. Foothill Dr & American Ave

Day: Thursday
Date: 10/5/2017

City: Brentwood
Project #: CA17_7810_001

DAILY TOTALS					NB	SB	EB	WB	Total			
					0	0	5,050	5,421	10,471			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			10	5	15	12:00			65	75	140	
00:15			5	4	9	12:15			95	72	167	
00:30			2	7	9	12:30			79	67	146	
00:45			5	22	8	24	12:45		61	300	74	288
01:00			4	8	12	13:00			61	65	126	
01:15			5	4	9	13:15			71	70	141	
01:30			1	4	5	13:30			65	86	151	
01:45			4	14	6	22	13:45		67	264	62	283
02:00			7	2	9	14:00			52	82	134	
02:15			3	3	6	14:15			71	86	157	
02:30			1	1	2	14:30			84	118	202	
02:45			2	13	2	8	14:45		102	309	126	412
03:00			3	3	6	15:00			111	127	238	
03:15			3	2	5	15:15			110	126	236	
03:30			7	3	10	15:30			118	96	214	
03:45			8	21	8	16	15:45		99	438	94	443
04:00			4	2	6	16:00			110	94	204	
04:15			20	6	26	16:15			92	86	178	
04:30			20	9	29	16:30			105	104	209	
04:45			30	74	8	25	16:45		116	423	137	421
05:00			33	16	49	17:00			121	100	221	
05:15			17	24	41	17:15			140	94	234	
05:30			36	42	78	17:30			108	129	237	
05:45			23	109	39	121	17:45		110	479	136	459
06:00			26	46	72	18:00			95	136	231	
06:15			34	45	79	18:15			91	102	193	
06:30			38	61	99	18:30			72	102	174	
06:45			44	142	68	220	18:45		83	341	75	415
07:00			31	55	86	19:00			62	79	141	
07:15			41	61	102	19:15			69	78	147	
07:30			53	73	126	19:30			67	48	115	
07:45			64	189	76	265	19:45		53	251	59	264
08:00			46	74	120	20:00			50	58	108	
08:15			64	97	161	20:15			132	68	200	
08:30			50	83	133	20:30			110	65	175	
08:45			68	228	92	346	20:45		102	394	53	244
09:00			88	86	174	21:00			24	25	49	
09:15			69	69	138	21:15			28	30	58	
09:30			66	85	151	21:30			25	28	53	
09:45			57	280	72	312	21:45		14	91	36	119
10:00			72	67	139	22:00			18	22	40	
10:15			75	82	157	22:15			28	25	53	
10:30			75	76	151	22:30			11	32	43	
10:45			69	291	83	308	22:45		15	72	17	96
11:00			58	74	132	23:00			18	9	27	
11:15			62	71	133	23:15			10	4	14	
11:30			64	66	130	23:30			12	9	21	
11:45			63	247	69	280	23:45		18	58	8	30
TOTALS			1630	1947	3577	TOTALS			3420	3474	6894	
SPLIT %			45.6%	54.4%	34.2%	SPLIT %			49.6%	50.4%	65.8%	

DAILY TOTALS					NB	SB	EB	WB	Total
					0	0	5,050	5,421	10,471

AM Peak Hour			11:45	08:15	08:15	PM Peak Hour			16:45	17:30	17:15
AM Pk Volume			302	358	628	PM Pk Volume			485	503	948
Pk Hr Factor			0.795	0.923	0.902	Pk Hr Factor			0.866	0.925	0.963
7 - 9 Volume	0	0	417	611	1028	4 - 6 Volume	0	0	902	880	1782
7 - 9 Peak Hour			08:00	08:00	08:00	4 - 6 Peak Hour			16:45	16:45	16:45
7 - 9 Pk Volume	0	0	228	346	574	4 - 6 Pk Volume	0	0	485	460	945
Pk Hr Factor	0.000	0.000	0.838	0.892	0.891	Pk Hr Factor	0.000	0.000	0.866	0.839	0.934

Prepared by NDS/ATD

VOLUME

Balfour Rd Bet. Foothill Dr & John Muir Pkwy

Day: Thursday
Date: 10/5/2017

City: Brentwood
Project #: CA17_7810_002

DAILY TOTALS					NB	SB						Total		
					0	0						14,550		
					7,046							7,504		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00			12	10	22	12:00			104	105	209			
00:15			6	9	15	12:15			108	114	222			
00:30			3	13	16	12:30			112	105	217			
00:45			8	29	11	43	12:45		98	422	117	441	215	863
01:00			4	12	16	13:00			90	103	193			
01:15			7	6	13	13:15			93	91	184			
01:30			3	7	10	13:30			107	110	217			
01:45			5	19	9	34	13:45		110	400	79	383	189	783
02:00			6	4	10	14:00			83	114	197			
02:15			5	5	10	14:15			92	115	207			
02:30			2	1	3	14:30			106	157	263			
02:45			4	17	10	20	14:45		105	386	143	529	248	915
03:00			7	0	7	15:00			125	146	271			
03:15			6	3	9	15:15			152	161	313			
03:30			12	5	17	15:30			152	131	283			
03:45			20	45	8	16	15:45		124	553	134	572	258	1125
04:00			23	6	29	16:00			141	135	276			
04:15			38	7	45	16:15			114	121	235			
04:30			42	9	51	16:30			132	159	291			
04:45			55	158	13	35	16:45		146	533	181	596	327	1129
05:00			66	18	84	17:00			147	155	302			
05:15			38	22	60	17:15			152	136	288			
05:30			66	33	99	17:30			142	181	323			
05:45			49	219	39	112	17:45		133	574	175	647	308	1221
06:00			61	48	109	18:00			126	172	298			
06:15			57	49	106	18:15			118	155	273			
06:30			62	57	119	18:30			91	160	251			
06:45			76	256	67	221	18:45		110	445	124	611	234	1056
07:00			54	56	110	19:00			106	125	231			
07:15			75	66	141	19:15			93	125	218			
07:30			87	81	168	19:30			81	97	178			
07:45			91	307	77	280	19:45		67	347	101	448	168	795
08:00			94	78	172	20:00			66	93	159			
08:15			119	101	220	20:15			131	110	241			
08:30			87	96	183	20:30			115	113	228			
08:45			87	387	101	376	20:45		123	435	93	409	216	844
09:00			133	103	236	21:00			47	59	106			
09:15			106	91	197	21:15			44	72	116			
09:30			91	113	204	21:30			37	61	98			
09:45			87	417	107	414	21:45		31	159	57	249	88	408
10:00			94	81	175	22:00			23	43	66			
10:15			107	104	211	22:15			27	52	79			
10:30			105	93	198	22:30			19	59	78			
10:45			97	403	105	383	22:45		20	89	40	194	60	283
11:00			84	110	194	23:00			26	24	50			
11:15			90	80	170	23:15			15	19	34			
11:30			104	101	205	23:30			18	28	46			
11:45			88	366	101	392	23:45		21	80	28	99	49	179
TOTALS			2623	2326	4949	TOTALS			4423	5178	9601			
SPLIT %			53.0%	47.0%	34.0%	SPLIT %			46.1%	53.9%	66.0%			

DAILY TOTALS					NB	SB						Total
					0	0						14,550
					7,046							7,504
AM Peak Hour			08:15	11:45	11:45	PM Peak Hour			16:45	17:30	16:45	
AM Pk Volume			426	425	837	PM Pk Volume			587	683	1240	
Pk Hr Factor			0.801	0.932	0.943	Pk Hr Factor			0.965	0.943	0.948	
7 - 9 Volume	0	0	694	656	1350	4 - 6 Volume	0	0	1107	1243	2350	
7 - 9 Peak Hour			07:30	08:00	08:00	4 - 6 Peak Hour			16:45	16:45	16:45	
7 - 9 Pk Volume	0	0	391	376	763	4 - 6 Pk Volume	0	0	587	653	1240	
Pk Hr Factor	0.000	0.000	0.821	0.931	0.867	Pk Hr Factor	0.000	0.000	0.965	0.902	0.948	

Prepared by NDS/ATD

VOLUME

Balfour Rd Bet. Foothill Dr & American Ave

Day: Thursday
Date: 10/19/2017

City: Brentwood
Project #: CA17_7853_001

DAILY TOTALS					NB	SB					EB	WB	Total	
					0	0					7,479	7,937	15,416	
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
0:00			6	7	13	12:00			74	71	145			
0:15			4	4	8	12:15			78	72	150			
0:30			7	4	11	12:30			63	55	118			
0:45			6	23	3	18	12:45		56	271	77	275	133	546
1:00			1	2	3	13:00			71	74	145			
1:15			4	1	5	13:15			66	99	165			
1:30			2	5	7	13:30			215	81	296			
1:45			2	9	4	12	13:45		94	446	93	347	187	793
2:00			2	2	4	14:00			93	110	203			
2:15			2	3	5	14:15			75	166	241			
2:30			2	1	3	14:30			135	180	315			
2:45			2	8	3	9	14:45		232	535	264	720	496	1255
3:00			2	3	5	15:00			333	269	602			
3:15			4	2	6	15:15			329	194	523			
3:30			7	1	8	15:30			171	122	293			
3:45			13	26	2	8	15:45		158	991	168	753	326	1744
4:00			11	4	15	16:00			145	142	287			
4:15			18	2	20	16:15			154	147	301			
4:30			22	5	27	16:30			157	132	289			
4:45			25	76	13	24	16:45		144	600	160	581	304	1181
5:00			25	11	36	17:00			181	134	315			
5:15			20	24	44	17:15			148	167	315			
5:30			24	39	63	17:30			138	140	278			
5:45			24	93	52	126	17:45		139	606	131	572	270	1178
6:00			22	61	83	18:00			130	171	301			
6:15			43	51	94	18:15			121	157	278			
6:30			39	88	127	18:30			115	110	225			
6:45			98	202	163	363	18:45		91	457	79	517	170	974
7:00			128	203	331	19:00			89	83	172			
7:15			169	348	517	19:15			100	59	159			
7:30			267	406	673	19:30			90	81	171			
7:45			286	850	341	1298	19:45		77	356	59	282	136	638
8:00			251	265	516	20:00			66	68	134			
8:15			135	144	279	20:15			76	68	144			
8:30			78	101	179	20:30			124	37	161			
8:45			82	546	84	594	20:45		42	308	25	198	67	506
9:00			62	75	137	21:00			35	52	87			
9:15			56	84	140	21:15			28	27	55			
9:30			66	86	152	21:30			27	28	55			
9:45			80	264	87	332	21:45		22	112	15	122	37	234
10:00			49	89	138	22:00			13	16	29			
10:15			80	76	156	22:15			12	19	31			
10:30			58	90	148	22:30			10	27	37			
10:45			80	267	80	335	22:45		11	46	20	82	31	128
11:00			77	77	154	23:00			16	13	29			
11:15			84	97	181	23:15			10	11	21			
11:30			84	79	163	23:30			12	9	21			
11:45			93	338	73	326	23:45		11	49	10	43	21	92
TOTALS			2702	3445	6147	TOTALS			4777	4492	9269			
SPLIT %			44.0%	56.0%	39.9%	SPLIT %			51.5%	48.5%	60.1%			

DAILY TOTALS					NB	SB					EB	WB	Total
					0	0					7,479	7,937	15,416

AM Peak Hour			7:15	7:15	7:15	PM Peak Hour			14:45	14:30	14:30		
AM Pk Volume			973	1360	2333	PM Pk Volume			1065	907	1936		
Pk Hr Factor			0.851	0.837	0.867	Pk Hr Factor			0.800	0.843	0.804		
7 - 9 Volume	0	0	1396	1892	3288	4 - 6 Volume	0	0	1206	1153	2359		
7 - 9 Peak Hour			7:15	7:15	7:15	4 - 6 Peak Hour			16:15	16:45	16:30		
7 - 9 Pk Volume	0	0	973	1360	2333	4 - 6 Pk Volume	0	0	636	601	1223		
Pk Hr Factor	0.000	0.000	0.851	0.837	0.867	Pk Hr Factor	0.000	0.000	0.878	0.900	0.971		

Prepared by NDS/ATD

VOLUME

Balfour Rd Bet. Foothill Dr & John Muir Pkwy

Day: Thursday
Date: 10/19/2017

City: Brentwood
Project #: CA17_7853_002

DAILY TOTALS					NB	SB					Total				
					0	0					18,749				
							9,208	9,541							
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
0:00			6	20	26		12:00			111	106	217			
0:15			6	12	18		12:15			102	89	191			
0:30			7	12	19		12:30			98	95	193			
0:45			7	26	10	54	12:45			83	394	101	391	184	785
1:00			3	10	13		13:00			84	113	197			
1:15			4	8	12		13:15			93	131	224			
1:30			3	10	13		13:30			221	120	341			
1:45			3	13	6	34	13:45			111	509	139	503	250	1012
2:00			2	3	5		14:00			139	133	272			
2:15			2	4	6		14:15			121	160	281			
2:30			4	2	6		14:30			168	194	362			
2:45			5	13	5	14	14:45			228	656	245	732	473	1388
3:00			2	3	5		15:00			309	254	563			
3:15			7	2	9		15:15			299	218	517			
3:30			8	3	11		15:30			204	172	376			
3:45			25	42	6	14	15:45			187	999	202	846	389	1845
4:00			27	7	34		16:00			164	171	335			
4:15			37	5	42		16:15			174	175	349			
4:30			52	5	57		16:30			168	161	329			
4:45			57	173	16	33	16:45			179	685	220	727	399	1412
5:00			46	13	59		17:00			201	203	404			
5:15			54	26	80		17:15			168	190	358			
5:30			41	34	75		17:30			172	192	364			
5:45			47	188	46	119	17:45			166	707	180	765	346	1472
6:00			56	55	111		18:00			155	235	390			
6:15			69	50	119		18:15			145	185	330			
6:30			68	84	152		18:30			143	156	299			
6:45			97	290	152	341	18:45			126	569	130	706	256	1275
7:00			137	194	331		19:00			109	151	260			
7:15			188	303	491		19:15			122	132	254			
7:30			270	246	516		19:30			104	126	230			
7:45			294	889	238	981	19:45			91	426	111	520	202	946
8:00			284	186	470		20:00			69	114	183			
8:15			185	143	328		20:15			97	128	225			
8:30			117	117	234		20:30			135	83	218			
8:45			127	713	101	547	20:45			54	355	64	389	118	744
9:00			92	104	196		21:00			44	90	134			
9:15			103	110	213		21:15			34	79	113			
9:30			112	100	212		21:30			40	68	108			
9:45			112	419	106	420	21:45			28	146	49	286	77	432
10:00			90	96	186		22:00			22	39	61			
10:15			102	100	202		22:15			20	47	67			
10:30			87	107	194		22:30			17	54	71			
10:45			106	385	114	417	22:45			18	77	30	170	48	247
11:00			118	98	216		23:00			23	29	52			
11:15			107	121	228		23:15			15	28	43			
11:30			122	112	234		23:30			19	20	39			
11:45			115	462	101	432	23:45			15	72	23	100	38	172
TOTALS			3613	3406	7019		TOTALS			5595	6135	11730			
SPLIT %			51.5%	48.5%	37.4%		SPLIT %			47.7%	52.3%	62.6%			

DAILY TOTALS					NB	SB					Total	
					0	0					18,749	
							9,208	9,541				
AM Peak Hour			7:15	7:00	7:15		PM Peak Hour			14:45	14:30	14:45
AM Pk Volume			1036	981	2009		PM Pk Volume			1040	911	1929
Pk Hr Factor			0.881	0.809	0.944		Pk Hr Factor			0.841	0.897	0.857
7 - 9 Volume	0	0	1602	1528	3130		4 - 6 Volume	0	0	1392	1492	2884
7 - 9 Peak Hour			7:15	7:00	7:15		4 - 6 Peak Hour			16:15	16:45	16:45
7 - 9 Pk Volume	0	0	1036	981	2009		4 - 6 Pk Volume	0	0	722	805	1525
Pk Hr Factor	0.000	0.000	0.881	0.809	0.944		Pk Hr Factor	0.000	0.000	0.898	0.915	0.944