

**TRACY HILLS SPECIFIC PLAN
RECIRCULATED
DRAFT SUBSEQUENT ENVIRONMENTAL IMPACT REPORT
VOLUME III
OCTOBER 2015**

APPENDIX H-1B

EXISTING COUNTS – LIVERMORE, DATED FALL 2014

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-001 Greenville Road-Patterson Pass Road.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	Greenville Road Southbound					Patterson Pass Road Westbound					Greenville Road Northbound					Patterson Pass Road Eastbound					Total	Uturn 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		
07:00	2	111	19	0	132	39	111	20	0	170	8	20	1	0	29	2	0	17	0	19	350	0
07:15	6	117	34	0	157	46	106	19	0	171	6	19	2	0	27	3	1	13	0	17	372	0
07:30	1	110	31	0	142	33	93	11	0	137	8	25	0	0	33	5	3	19	0	27	339	0
07:45	3	131	23	0	157	27	42	8	0	77	7	17	1	0	25	2	2	14	0	18	277	0
Total	12	469	107	0	588	145	352	58	0	555	29	81	4	0	114	12	6	63	0	81	1338	0
08:00	4	144	22	0	170	17	55	5	0	77	6	21	2	0	29	2	0	19	0	21	297	0
08:15	1	90	8	0	99	10	19	3	0	32	3	15	1	0	19	3	1	16	0	20	170	0
08:30	0	86	8	0	94	13	22	7	0	42	5	22	2	0	29	2	2	20	0	24	189	0
08:45	3	88	12	0	103	8	20	3	0	31	6	13	2	0	21	6	0	15	0	21	176	0
Total	8	408	50	0	466	48	116	18	0	182	20	71	7	0	98	13	3	70	0	86	832	0
16:00	28	18	5	0	51	0	2	3	0	5	10	109	24	0	143	15	50	9	0	74	273	0
16:15	29	27	11	0	67	2	2	0	0	4	13	111	36	0	160	23	43	11	0	77	308	0
16:30	30	23	5	0	58	1	1	5	0	7	15	146	44	0	205	12	58	9	0	79	349	0
16:45	34	13	4	0	51	0	4	1	0	5	11	128	41	0	180	17	60	6	0	83	319	0
Total	121	81	25	0	227	3	9	9	0	21	49	494	145	0	688	67	211	35	0	313	1249	0
17:00	33	28	3	0	64	1	7	4	0	12	11	124	51	0	186	17	56	7	0	80	342	0
17:15	35	18	4	0	57	2	0	1	0	3	17	94	27	0	138	18	70	7	0	95	293	0
17:30	32	18	4	0	54	1	3	2	0	6	6	108	33	0	147	14	53	10	0	77	284	0
17:45	18	17	6	0	41	1	3	6	0	10	10	87	23	0	120	8	36	7	0	51	222	0
Total	118	81	17	0	216	5	13	13	0	31	44	413	134	0	591	57	215	31	0	303	1141	0
Grand Total	259	1039	199	0	1497	201	490	98	0	789	142	1059	290	0	1491	149	435	199	0	783	4560	0
Apprch %	17.3%	69.4%	13.3%	0.0%		25.5%	62.1%	12.4%	0.0%		9.5%	71.0%	19.5%	0.0%		19.0%	55.6%	25.4%	0.0%			
Total %	5.7%	22.8%	4.4%	0.0%	32.8%	4.4%	10.7%	2.1%	0.0%	17.3%	3.1%	23.2%	6.4%	0.0%	32.7%	3.3%	9.5%	4.4%	0.0%	17.2%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-001 Greenville Road-Patterson Pass Road.ppd
 Date : 9/11/2014

Unshifted Count = All Vehicles

AM PEAK HOUR	Greenville Road Southbound					Patterson Pass Road Westbound					Greenville Road Northbound					Patterson Pass Road 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 07:00 to 08:00																					
Peak Hour For Entire Intersection Begins at 07:00																					
07:00	2	111	19	0	132	39	111	20	0	170	8	20	1	0	29	2	0	17	0	19	350
07:15	6	117	34	0	157	46	106	19	0	171	6	19	2	0	27	3	1	13	0	17	372
07:30	1	110	31	0	142	33	93	11	0	137	8	25	0	0	33	5	3	19	0	27	339
07:45	3	131	23	0	157	27	42	8	0	77	7	17	1	0	25	2	2	14	0	18	277
Total Volume	12	469	107	0	588	145	352	58	0	555	29	81	4	0	114	12	6	63	0	81	1338
% App Total	2.0%	79.8%	18.2%	0.0%		26.1%	63.4%	10.5%	0.0%		25.4%	71.1%	3.5%	0.0%		14.8%	7.4%	77.8%	0.0%		
PHF	.500	.895	.787	.000	.936	.788	.793	.725	.000	.811	.906	.810	.500	.000	.864	.600	.500	.829	.000	.750	.899

PM PEAK HOUR	Greenville Road Southbound					Patterson Pass Road Westbound					Greenville Road Northbound					Patterson Pass Road 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 16:15 to 17:15																					
Peak Hour For Entire Intersection Begins at 16:15																					
16:15	29	27	11	0	67	2	2	0	0	4	13	111	36	0	160	23	43	11	0	77	308
16:30	30	23	5	0	58	1	1	5	0	7	15	146	44	0	205	12	58	9	0	79	349
16:45	34	13	4	0	51	0	4	1	0	5	11	128	41	0	180	17	60	6	0	83	319
17:00	33	28	3	0	64	1	7	4	0	12	11	124	51	0	186	17	56	7	0	80	342
Total Volume	126	91	23	0	240	4	14	10	0	28	50	509	172	0	731	69	217	33	0	319	1318
% App Total	52.5%	37.9%	9.6%	0.0%		14.3%	50.0%	35.7%	0.0%		6.8%	69.6%	23.5%	0.0%		21.6%	68.0%	10.3%	0.0%		
PHF	.926	.813	.523	.000	.896	.500	.500	.500	.000	.583	.833	.872	.843	.000	.891	.750	.904	.750	.000	.961	.944

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File Name : 14-7542-001 Greenville Road-Patterson Pass Road.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

START TIME	Greenville Road Southbound					Patterson Pass Road Westbound					Greenville Road Northbound					Patterson Pass Road Eastbound					Total	Ped Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	2	0
Total	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	3	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
16:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
Total	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	3	0
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
17:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
17:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
Total	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	4	0
Grand Total	0	4	0	0	4	1	0	0	0	1	0	4	0	0	4	0	1	3	0	4	13	0
Apprch %	0.0%	100.0%	0.0%			100.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	25.0%	75.0%				
Total %	0.0%	30.8%	0.0%		30.8%	7.7%	0.0%	0.0%		7.7%	0.0%	30.8%	0.0%		30.8%	0.0%	7.7%	23.1%		30.8%	100.0%	

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Bank 1 Count = Peds & Bikes

AM PEAK HOUR	Greenville Road Southbound					Patterson Pass Road Westbound					Greenville Road Northbound					Patterson Pass Road Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 07:00 to 08:00																					
Peak Hour For Entire Intersection Begins at 07:00																					
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3
% App Total	0.0%	100.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	100.0%			
PHF	.000	.250	.000		.250	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.250		.250	.375

PM PEAK HOUR	Greenville Road Southbound					Patterson Pass Road Westbound					Greenville Road Northbound					Patterson Pass Road Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 16:15 to 17:15																					
Peak Hour For Entire Intersection Begins at 16:15																					
16:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
16:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	4
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	0.0%	100.0%			
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.750	.000		.750	.000	.000	.250		.250	1.000

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

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File Name : 14-7542-002 Greenville Road-Tesla Road.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	Greenville Road Southbound					Tesla Road Westbound					Greenville Road Northbound					Tesla Road Eastbound					Total	Uturn 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		
07:00	1	9	40	0	50	1	169	16	0	186	2	2	2	0	6	26	5	12	0	43	285	0
07:15	2	8	39	0	49	0	130	14	0	144	4	1	1	0	6	24	8	12	0	44	243	0
07:30	4	4	34	0	42	0	131	18	0	149	1	2	0	0	3	35	3	9	0	47	241	0
07:45	7	5	39	0	51	0	119	12	0	131	1	0	1	0	2	43	8	6	0	57	241	0
Total	14	26	152	0	192	1	549	60	0	610	8	5	4	0	17	128	24	39	0	191	1010	0
08:00	4	5	34	0	43	0	80	15	0	95	4	1	0	0	5	31	10	5	0	46	189	0
08:15	6	4	31	0	41	0	52	12	0	64	1	2	0	0	3	40	4	2	0	46	154	0
08:30	4	3	29	0	36	0	43	6	0	49	16	3	0	0	19	23	5	5	0	33	137	0
08:45	10	2	27	0	39	1	52	6	0	59	2	2	0	0	4	23	11	8	0	42	144	0
Total	24	14	121	0	159	1	227	39	0	267	23	8	0	0	31	117	30	20	0	167	624	0
16:00	14	7	21	0	42	0	11	11	0	22	4	1	0	0	5	52	129	6	0	187	256	0
16:15	16	2	30	0	48	0	11	2	0	13	7	6	2	0	15	48	136	9	0	193	269	0
16:30	26	7	25	0	58	1	11	1	0	13	2	4	2	0	8	37	137	7	0	181	260	0
16:45	13	6	28	0	47	0	6	6	0	12	6	3	0	0	9	38	137	7	0	182	250	0
Total	69	22	104	0	195	1	39	20	0	60	19	14	4	0	37	175	539	29	0	743	1035	0
17:00	17	4	39	0	60	1	13	2	0	16	3	3	1	0	7	31	143	3	0	177	260	0
17:15	20	0	42	0	62	1	14	2	0	17	9	3	0	0	12	29	146	2	0	177	268	0
17:30	15	2	28	0	45	0	12	4	0	16	3	4	0	0	7	41	141	6	0	188	256	0
17:45	13	3	30	0	46	1	16	4	0	21	6	4	1	0	11	25	123	9	0	157	235	0
Total	65	9	139	0	213	3	55	12	0	70	21	14	2	0	37	126	553	20	0	699	1019	0
Grand Total	172	71	516	0	759	6	870	131	0	1007	71	41	10	0	122	546	1146	108	0	1800	3688	0
Apprch %	22.7%	9.4%	68.0%	0.0%		0.6%	86.4%	13.0%	0.0%		58.2%	33.6%	8.2%	0.0%		30.3%	63.7%	6.0%	0.0%			
Total %	4.7%	1.9%	14.0%	0.0%	20.6%	0.2%	23.6%	3.6%	0.0%	27.3%	1.9%	1.1%	0.3%	0.0%	3.3%	14.8%	31.1%	2.9%	0.0%	48.8%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

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File Name : 14-7542-002 Greenville Road-Tesla Road.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

AM PEAK HOUR	Greenville Road Southbound					Tesla Road Westbound					Greenville Road Northbound					Tesla Road 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 07:00 to 08:00																					
Peak Hour For Entire Intersection Begins at 07:00																					
07:00	1	9	40	0	50	1	169	16	0	186	2	2	2	0	6	26	5	12	0	43	285
07:15	2	8	39	0	49	0	130	14	0	144	4	1	1	0	6	24	8	12	0	44	243
07:30	4	4	34	0	42	0	131	18	0	149	1	2	0	0	3	35	3	9	0	47	241
07:45	7	5	39	0	51	0	119	12	0	131	1	0	1	0	2	43	8	6	0	57	241
Total Volume	14	26	152	0	192	1	549	60	0	610	8	5	4	0	17	128	24	39	0	191	1010
% App Total	7.3%	13.5%	79.2%	0.0%		0.2%	90.0%	9.8%	0.0%		47.1%	29.4%	23.5%	0.0%		67.0%	12.6%	20.4%	0.0%		
PHF	.500	.722	.950	.000	.941	.250	.812	.833	.000	.820	.500	.625	.500	.000	.708	.744	.750	.813	.000	.838	.886

PM PEAK HOUR	Greenville Road Southbound					Tesla Road Westbound					Greenville Road Northbound					Tesla Road 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 16:15 to 17:15																					
Peak Hour For Entire Intersection Begins at 16:15																					
16:15	16	2	30	0	48	0	11	2	0	13	7	6	2	0	15	48	136	9	0	193	269
16:30	26	7	25	0	58	1	11	1	0	13	2	4	2	0	8	37	137	7	0	181	260
16:45	13	6	28	0	47	0	6	6	0	12	6	3	0	0	9	38	137	7	0	182	250
17:00	17	4	39	0	60	1	13	2	0	16	3	3	1	0	7	31	143	3	0	177	260
Total Volume	72	19	122	0	213	2	41	11	0	54	18	16	5	0	39	154	553	26	0	733	1039
% App Total	33.8%	8.9%	57.3%	0.0%		3.7%	75.9%	20.4%	0.0%		46.2%	41.0%	12.8%	0.0%		21.0%	75.4%	3.5%	0.0%		
PHF	.692	.679	.782	.000	.888	.500	.788	.458	.000	.844	.643	.667	.625	.000	.650	.802	.967	.722	.000	.949	.966

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START TIME	Greenville Road Southbound					Tesla Road Westbound					Greenville Road Northbound					Tesla Road Eastbound					Total	Ped Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL			
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0
16:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
17:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	
Total	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	0	
Grand Total	1	0	3	0	4	0	1	0	0	1	0	0	0	0	1	2	0	0	3	8	8	0	
Apprch %	25.0%	0.0%	75.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%		33.3%	66.7%	0.0%						
Total %	12.5%	0.0%	37.5%		50.0%	0.0%	12.5%	0.0%		12.5%	0.0%	0.0%	0.0%		12.5%	25.0%	0.0%		37.5%	100.0%	100.0%		

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-002 Greenville Road-Tesla Road.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

AM PEAK HOUR	Greenville Road Southbound					Tesla Road Westbound					Greenville Road Northbound					Tesla Road Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 07:00 to 08:00																						
Peak Hour For Entire Intersection Begins at 07:00																						
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	100.0%	0.0%				
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.250	.000		.250		.250

PM PEAK HOUR	Greenville Road Southbound					Tesla Road Westbound					Greenville Road Northbound					Tesla Road Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 16:15 to 17:15																						
Peak Hour For Entire Intersection Begins at 16:15																						
16:15	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
16:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
% App Total	0.0%	0.0%	100.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%				
PHF	.000	.000	.500		.500	.000	.250	.000		.250	.000	.000	.000		.000	.000	.000	.000		.000		.375

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-003 Concannon Boulevard-S. Livermore Avenue.p

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	Southbound					S. Livermore Avenue Westbound					Concannon Boulevard Northbound					S. Livermore Avenue Eastbound					Total	Uturn 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		
07:00	0	0	0	0	0	252	55	0	0	307	3	0	73	0	76	0	29	11	0	40	423	0
07:15	0	0	0	0	0	170	59	0	0	229	7	0	86	0	93	0	38	10	0	48	370	0
07:30	0	0	0	0	0	197	81	0	0	278	17	0	94	0	111	0	37	15	0	52	441	0
07:45	0	0	0	0	0	226	60	0	0	286	27	0	113	0	140	0	29	17	0	46	472	0
Total	0	0	0	0	0	845	255	0	0	1100	54	0	366	0	420	0	133	53	0	186	1706	0
08:00	0	0	0	0	0	204	62	0	0	266	25	0	93	0	118	0	40	44	0	84	468	0
08:15	0	0	0	0	0	178	42	0	0	220	21	0	99	0	120	0	46	24	0	70	410	0
08:30	0	0	0	0	0	132	44	0	0	176	16	0	85	0	101	0	31	25	0	56	333	0
08:45	0	0	0	0	0	142	39	0	0	181	21	0	70	0	91	0	30	22	0	52	324	0
Total	0	0	0	0	0	656	187	0	0	843	83	0	347	0	430	0	147	115	0	262	1535	0
16:00	0	0	0	0	0	90	35	0	0	125	28	0	239	0	267	0	57	14	0	71	463	0
16:15	0	0	0	0	0	98	43	0	0	141	24	0	196	0	220	0	37	29	0	66	427	0
16:30	0	0	0	0	0	133	55	0	0	188	22	0	244	0	266	0	49	31	0	80	534	0
16:45	0	0	0	0	0	122	37	0	0	159	30	0	209	0	239	0	59	19	0	78	476	0
Total	0	0	0	0	0	443	170	0	0	613	104	0	888	0	992	0	202	93	0	295	1900	0
17:00	0	0	0	0	0	138	63	0	0	201	19	0	209	0	228	0	38	30	0	68	497	0
17:15	0	0	0	0	0	156	59	0	0	215	22	0	205	0	227	0	43	41	0	84	526	0
17:30	0	0	0	0	0	110	54	0	0	164	18	0	202	0	220	0	43	25	0	68	452	0
17:45	0	0	0	0	0	104	45	0	0	149	20	0	195	0	215	0	50	26	0	76	440	0
Total	0	0	0	0	0	508	221	0	0	729	79	0	811	0	890	0	174	122	0	296	1915	0
Grand Total	0	0	0	0	0	2452	833	0	0	3285	320	0	2412	0	2732	0	656	383	0	1039	7056	0
Apprch %	0.0%	0.0%	0.0%	0.0%		74.6%	25.4%	0.0%	0.0%		11.7%	0.0%	88.3%	0.0%		0.0%	63.1%	36.9%	0.0%			
Total %	0.0%	0.0%	0.0%	0.0%	0.0%	34.8%	11.8%	0.0%	0.0%	46.6%	4.5%	0.0%	34.2%	0.0%	38.7%	0.0%	9.3%	5.4%	0.0%	14.7%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-003 Concannon Boulevard-S. Livermore Avenue.p
 Date : 9/11/2014

Unshifted Count = All Vehicles

AM PEAK HOUR	Southbound					S. Livermore Avenue Westbound					Concannon Boulevard Northbound					S. Livermore Avenue 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																					
07:30	0	0	0	0	0	197	81	0	0	278	17	0	94	0	111	0	37	15	0	52	441
07:45	0	0	0	0	0	226	60	0	0	286	27	0	113	0	140	0	29	17	0	46	472
08:00	0	0	0	0	0	204	62	0	0	266	25	0	93	0	118	0	40	44	0	84	468
08:15	0	0	0	0	0	178	42	0	0	220	21	0	99	0	120	0	46	24	0	70	410
Total Volume	0	0	0	0	0	805	245	0	0	1050	90	0	399	0	489	0	152	100	0	252	1791
% App Total	0.0%	0.0%	0.0%	0.0%	0.0%	76.7%	23.3%	0.0%	0.0%		18.4%	0.0%	81.6%	0.0%		0.0%	60.3%	39.7%	0.0%		
PHF	.000	.000	.000	.000	.000	.890	.756	.000	.000	.918	.833	.000	.883	.000	.873	.000	.826	.568	.000	.750	.949

PM PEAK HOUR	Southbound					S. Livermore Avenue Westbound					Concannon Boulevard Northbound					S. Livermore Avenue 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 16:30 to 17:30																					
Peak Hour For Entire Intersection Begins at 16:30																					
16:30	0	0	0	0	0	133	55	0	0	188	22	0	244	0	266	0	49	31	0	80	534
16:45	0	0	0	0	0	122	37	0	0	159	30	0	209	0	239	0	59	19	0	78	476
17:00	0	0	0	0	0	138	63	0	0	201	19	0	209	0	228	0	38	30	0	68	497
17:15	0	0	0	0	0	156	59	0	0	215	22	0	205	0	227	0	43	41	0	84	526
Total Volume	0	0	0	0	0	549	214	0	0	763	93	0	867	0	960	0	189	121	0	310	2033
% App Total	0.0%	0.0%	0.0%	0.0%	0.0%	72.0%	28.0%	0.0%	0.0%		9.7%	0.0%	90.3%	0.0%		0.0%	61.0%	39.0%	0.0%		
PHF	.000	.000	.000	.000	.000	.880	.849	.000	.000	.887	.775	.000	.888	.000	.902	.000	.801	.738	.000	.923	.952

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-003 Concannon Boulevard-S. Livermore Avenue.p

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

START TIME	Southbound					S. Livermore Avenue Westbound					Concannon Boulevard Northbound					S. Livermore Avenue Eastbound					Total	Ped Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL			
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
07:15	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	1	2	1	1
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	1
07:45	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	2	0	0	1	2	0	3	6	2	2
08:00	0	0	0	0	0	2	0	0	0	2	0	0	2	0	2	0	0	0	0	0	4	0	0
08:15	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1
08:30	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	1	1	1	2
Total	0	0	0	0	0	3	2	0	0	5	0	0	2	3	2	0	1	0	0	1	8	3	3
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	3	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	1
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	2	0	2	4	1	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	2	0	0
17:45	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	2	1	1
Total	0	0	0	0	0	1	1	0	0	2	0	0	2	1	2	0	1	0	0	1	5	1	1
Grand Total	0	0	0	0	0	4	8	0	0	12	0	0	4	7	4	0	3	4	0	7	23	7	7
Apprch %	0.0%	0.0%	0.0%			33.3%	66.7%	0.0%			0.0%	0.0%	100.0%			0.0%	42.9%	57.1%					
Total %	0.0%	0.0%	0.0%		0.0%	17.4%	34.8%	0.0%		52.2%	0.0%	0.0%	17.4%		17.4%	0.0%	13.0%	17.4%		30.4%	100.0%		

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-003 Concannon Boulevard-S. Livermore Avenue.p
 Date : 9/11/2014

Bank 1 Count = Peds & Bikes

AM PEAK HOUR	Southbound					S. Livermore Avenue Westbound					Concannon Boulevard Northbound					S. Livermore Avenue Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 07:30 to 08:30																					
Peak Hour For Entire Intersection Begins at 07:30																					
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1
07:45	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
08:00	0	0	0	0	0	2	0	0	0	2	0	0	2	0	2	0	0	0	0	0	4
08:15	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	2	3	0	0	5	0	0	2	2	2	0	0	1	0	1	8
% App Total	0.0%	0.0%	0.0%			40.0%	60.0%	0.0%			0.0%	0.0%	100.0%			0.0%	0.0%	100.0%			
PHF	.000	.000	.000		.000	.250	.375	.000		.625	.000	.000	.250		.250	.000	.000	.250		.250	.500

PM PEAK HOUR	Southbound					S. Livermore Avenue Westbound					Concannon Boulevard Northbound					S. Livermore Avenue Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 16:30 to 17:30																					
Peak Hour For Entire Intersection Begins at 16:30																					
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	2
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	100.0%			0.0%	0.0%	100.0%			
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.250		.250	.000	.000	.250		.250	.500

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-004 Isabel Avenue-Concannon Boulevard.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	Isabel Avenue Southbound					Concannon Boulevard Westbound					Isabel Avenue Northbound					Eastbound					Total	Uturn 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		
07:00	14	117	0	0	131	148	0	130	0	278	0	91	7	0	98	0	0	0	0	0	507	0
07:15	20	113	0	0	133	123	0	175	0	298	0	103	15	0	118	0	0	0	0	0	549	0
07:30	34	136	0	0	170	85	0	174	0	259	0	110	13	0	123	0	0	0	0	0	552	0
07:45	35	151	0	0	186	102	0	171	0	273	0	121	25	0	146	0	0	0	0	0	605	0
Total	103	517	0	0	620	458	0	650	0	1108	0	425	60	0	485	0	0	0	0	0	2213	0
08:00	43	175	0	0	218	87	0	127	0	214	0	112	21	0	133	0	0	0	0	0	565	0
08:15	34	178	0	0	212	122	0	153	0	275	0	113	11	0	124	0	0	0	0	0	611	0
08:30	32	172	0	0	204	54	0	118	0	172	0	108	13	0	121	0	0	0	0	0	497	0
08:45	37	210	0	0	247	45	0	96	0	141	0	110	12	0	122	0	0	0	0	0	510	0
Total	146	735	0	0	881	308	0	494	0	802	0	443	57	0	500	0	0	0	0	0	2183	0
16:00	89	163	0	0	252	22	0	51	0	73	0	172	59	0	231	0	0	0	0	0	556	0
16:15	110	166	0	0	276	23	0	55	0	78	0	153	46	0	199	0	0	0	0	0	553	0
16:30	93	188	0	0	281	25	0	61	0	86	0	159	62	0	221	0	0	0	0	0	588	0
16:45	107	198	0	0	305	35	0	62	0	97	0	132	62	0	194	0	0	0	0	0	596	0
Total	399	715	0	0	1114	105	0	229	0	334	0	616	229	0	845	0	0	0	0	0	2293	0
17:00	127	202	0	0	329	18	0	60	0	78	0	143	73	0	216	0	0	0	0	0	623	0
17:15	119	181	0	0	300	17	0	64	0	81	0	125	70	0	195	0	0	0	0	0	576	0
17:30	111	168	0	0	279	16	0	69	0	85	0	118	66	0	184	0	0	0	0	0	548	0
17:45	117	165	0	0	282	17	0	44	0	61	0	150	58	0	208	0	0	0	0	0	551	0
Total	474	716	0	0	1190	68	0	237	0	305	0	536	267	0	803	0	0	0	0	0	2298	0
Grand Total	1122	2683	0	0	3805	939	0	1610	0	2549	0	2020	613	0	2633	0	0	0	0	0	8987	0
Apprch %	29.5%	70.5%	0.0%	0.0%		36.8%	0.0%	63.2%	0.0%		0.0%	76.7%	23.3%	0.0%		0.0%	0.0%	0.0%	0.0%	0.0%		
Total %	12.5%	29.9%	0.0%	0.0%	42.3%	10.4%	0.0%	17.9%	0.0%	28.4%	0.0%	22.5%	6.8%	0.0%	29.3%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-004 Isabel Avenue-Concannon Boulevard.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

START TIME	Isabel Avenue Southbound					Concannon Boulevard Westbound					Isabel Avenue Northbound					Eastbound					Total	Ped Total				
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL						
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total	1	1	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
08:30	0	1	0	0	1	0	0	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5
08:45	0	0	0	0	0	2	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1
Total	0	1	0	0	1	2	0	3	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12
16:00	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	2	0	0	0	2	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	4	0
Total	2	0	0	0	2	1	0	1	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	5	1
17:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
17:45	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	3	0
Total	1	5	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	7	0
Grand Total	4	7	0	0	11	3	0	4	15	7	0	1	1	0	2	0	0	0	0	0	0	0	0	0	20	15
Apprch %	36.4%	63.6%	0.0%			42.9%	0.0%	57.1%			0.0%	50.0%	50.0%			0.0%	0.0%	0.0%								
Total %	20.0%	35.0%	0.0%		55.0%	15.0%	0.0%	20.0%		35.0%	0.0%	5.0%	5.0%		10.0%	0.0%	0.0%	0.0%		0.0%					100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-004 Isabel Avenue-Concannon Boulevard.ppd
 Date : 9/11/2014

Bank 1 Count = Peds & Bikes

AM PEAK HOUR	Isabel Avenue Southbound					Concannon Boulevard Westbound					Isabel Avenue Northbound					Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 07:30 to 08:30																					
Peak Hour For Entire Intersection Begins at 07:30																					
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	1	0	0	2	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	2
% App Total	50.0%	50.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			
PHF	.250	.250	.000		.250	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000		.000		.250

PM PEAK HOUR	Isabel Avenue Southbound					Concannon Boulevard Westbound					Isabel Avenue Northbound					Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 16:30 to 17:30																					
Peak Hour For Entire Intersection Begins at 16:30																					
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	2	0	0	0	2	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	4
17:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	3	1	0	0	4	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	6
% App Total	75.0%	25.0%	0.0%			100.0%	0.0%	0.0%			0.0%	0.0%	100.0%			0.0%	0.0%	0.0%			
PHF	.375	.250	.000		.500	.250	.000	.000		.250	.000	.000	.250		.250	.000	.000		.000		.375

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-005 Isabel Avenue-Vallecitos Road.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	Isabel Avenue Southbound					Vallecitos Road Westbound					Isabel Avenue Northbound					Eastbound					Total	Uturn 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		
07:00	0	176	0	0	176	242	0	0	0	242	0	87	68	0	155	0	0	0	0	0	573	0
07:15	0	178	0	0	178	219	0	0	0	219	0	94	78	0	172	0	0	0	0	0	569	0
07:30	1	175	0	0	176	235	0	2	0	237	0	98	109	0	207	0	0	0	0	0	620	0
07:45	0	173	0	0	173	222	0	1	0	223	0	103	86	0	189	0	0	0	0	0	585	0
Total	1	702	0	0	703	918	0	3	0	921	0	382	341	0	723	0	0	0	0	0	2347	0
08:00	1	181	0	0	182	265	0	1	0	266	0	117	69	0	186	0	0	0	0	0	634	0
08:15	1	190	0	0	191	197	0	0	0	197	0	88	70	0	158	0	0	0	0	0	546	0
08:30	0	206	0	0	206	161	0	0	0	161	0	101	77	0	178	0	0	0	0	0	545	0
08:45	0	178	0	0	178	192	0	0	0	192	0	93	64	0	157	0	0	0	0	0	527	0
Total	2	755	0	0	757	815	0	1	0	816	0	399	280	0	679	0	0	0	0	0	2252	0
16:00	0	126	0	0	126	79	0	1	0	80	0	147	265	0	412	0	0	0	0	0	618	0
16:15	2	159	0	0	161	76	0	2	0	78	0	129	263	0	392	0	0	0	0	0	631	0
16:30	2	140	0	0	142	103	0	3	0	106	0	136	242	0	378	0	0	0	0	0	626	0
16:45	0	176	0	0	176	83	0	1	0	84	0	126	252	0	378	0	0	0	0	0	638	0
Total	4	601	0	0	605	341	0	7	0	348	0	538	1022	0	1560	0	0	0	0	0	2513	0
17:00	0	169	0	0	169	96	0	0	0	96	0	125	252	0	377	0	0	0	0	0	642	0
17:15	1	142	0	0	143	104	0	1	0	105	0	131	267	0	398	0	0	0	0	0	646	0
17:30	0	131	0	0	131	91	0	2	0	93	0	129	302	0	431	0	0	0	0	0	655	0
17:45	1	124	0	0	125	84	0	0	0	84	0	146	246	0	392	0	0	0	0	0	601	0
Total	2	566	0	0	568	375	0	3	0	378	0	531	1067	0	1598	0	0	0	0	0	2544	0
Grand Total	9	2624	0	0	2633	2449	0	14	0	2463	0	1850	2710	0	4560	0	0	0	0	0	9656	0
Apprch %	0.3%	99.7%	0.0%	0.0%		99.4%	0.0%	0.6%	0.0%		0.0%	40.6%	59.4%	0.0%		0.0%	0.0%	0.0%	0.0%	0.0%		
Total %	0.1%	27.2%	0.0%	0.0%	27.3%	25.4%	0.0%	0.1%	0.0%	25.5%	0.0%	19.2%	28.1%	0.0%	47.2%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-005 Isabel Avenue-Vallecitos Road.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

START TIME	Isabel Avenue Southbound					Vallecitos Road Westbound					Isabel Avenue Northbound					Eastbound					Total	Ped Total		
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL				
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%			0.0%
Total %	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%			0.0%			0.0%	0.0%

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-005 Isabel Avenue-Vallecitos Road.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

AM PEAK HOUR	Isabel Avenue Southbound					Vallecitos Road Westbound					Isabel Avenue Northbound					Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 07:15 to 08:15																					
Peak Hour For Entire Intersection Begins at 07:15																					
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000

PM PEAK HOUR	Isabel Avenue Southbound					Vallecitos Road Westbound					Isabel Avenue Northbound					Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 16:45 to 17:45																					
Peak Hour For Entire Intersection Begins at 16:45																					
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-006 Isabel Avenue-I-580 EB Ramps.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	Isabel Avenue Southbound					I-580 EB Ramps Westbound					Isabel Avenue Northbound					I-580 EB Ramps Eastbound					Total	Uturn 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		
07:00	0	137	13	0	150	0	0	0	0	0	0	155	85	0	240	17	0	47	0	64	454	0
07:15	0	159	16	0	175	0	0	0	0	0	0	114	80	0	194	18	0	78	0	96	465	0
07:30	0	182	12	0	194	0	0	0	0	0	0	201	83	0	284	34	0	93	0	127	605	0
07:45	0	177	22	0	199	0	0	0	0	0	0	218	82	0	300	74	0	74	0	148	647	0
Total	0	655	63	0	718	0	0	0	0	0	0	688	330	0	1018	143	0	292	0	435	2171	0
08:00	0	210	32	0	242	0	0	0	0	0	0	171	106	0	277	36	0	98	0	134	653	0
08:15	0	232	29	0	261	0	0	0	0	0	0	119	92	0	211	34	0	87	0	121	593	0
08:30	0	193	25	0	218	0	0	0	0	0	0	142	94	0	236	29	0	87	0	116	570	0
08:45	0	245	12	0	257	0	0	0	0	0	0	131	90	0	221	47	0	98	0	145	623	0
Total	0	880	98	0	978	0	0	0	0	0	0	563	382	0	945	146	0	370	0	516	2439	0
16:00	0	220	78	0	298	0	0	0	0	0	0	148	134	0	282	23	0	75	0	98	678	0
16:15	0	195	56	0	251	0	0	0	0	0	0	173	140	0	313	37	0	95	0	132	696	0
16:30	0	227	55	0	282	0	0	0	0	0	0	203	147	0	350	42	0	83	0	125	757	0
16:45	0	239	48	0	287	0	0	0	0	0	0	148	120	0	268	26	0	81	0	107	662	0
Total	0	881	237	0	1118	0	0	0	0	0	0	672	541	0	1213	128	0	334	0	462	2793	0
17:00	0	216	59	0	275	0	0	0	0	0	0	194	161	0	355	51	0	94	0	145	775	0
17:15	0	226	56	0	282	0	0	0	0	0	0	147	122	0	269	38	0	101	0	139	690	0
17:30	0	186	62	0	248	0	0	0	0	0	0	161	120	0	281	53	0	114	0	167	696	0
17:45	0	177	41	0	218	0	0	0	0	0	0	115	117	0	232	44	0	151	0	195	645	0
Total	0	805	218	0	1023	0	0	0	0	0	0	617	520	0	1137	186	0	460	0	646	2806	0
Grand Total	0	3221	616	0	3837	0	0	0	0	0	0	2540	1773	0	4313	603	0	1456	0	2059	10209	0
Apprch %	0.0%	83.9%	16.1%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	58.9%	41.1%	0.0%		29.3%	0.0%	70.7%	0.0%			
Total %	0.0%	31.6%	6.0%	0.0%	37.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.9%	17.4%	0.0%	42.2%	5.9%	0.0%	14.3%	0.0%	20.2%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-006 Isabel Avenue-I-580 EB Ramps.ppd
 Date : 9/11/2014

Unshifted Count = All Vehicles

AM PEAK HOUR	Isabel Avenue Southbound					I-580 EB Ramps Westbound					Isabel Avenue Northbound					I-580 EB Ramps 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																					
07:30	0	182	12	0	194	0	0	0	0	0	0	201	83	0	284	34	0	93	0	127	605
07:45	0	177	22	0	199	0	0	0	0	0	0	218	82	0	300	74	0	74	0	148	647
08:00	0	210	32	0	242	0	0	0	0	0	0	171	106	0	277	36	0	98	0	134	653
08:15	0	232	29	0	261	0	0	0	0	0	0	119	92	0	211	34	0	87	0	121	593
Total Volume	0	801	95	0	896	0	0	0	0	0	0	709	363	0	1072	178	0	352	0	530	2498
% App Total	0.0%	89.4%	10.6%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	66.1%	33.9%	0.0%		33.6%	0.0%	66.4%	0.0%		
PHF	.000	.863	.742	.000	.858	.000	.000	.000	.000	.000	.000	.813	.856	.000	.893	.601	.000	.898	.000	.895	.956

PM PEAK HOUR	Isabel Avenue Southbound					I-580 EB Ramps Westbound					Isabel Avenue Northbound					I-580 EB Ramps 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 16:15 to 17:15																					
Peak Hour For Entire Intersection Begins at 16:15																					
16:15	0	195	56	0	251	0	0	0	0	0	0	173	140	0	313	37	0	95	0	132	696
16:30	0	227	55	0	282	0	0	0	0	0	0	203	147	0	350	42	0	83	0	125	757
16:45	0	239	48	0	287	0	0	0	0	0	0	148	120	0	268	26	0	81	0	107	662
17:00	0	216	59	0	275	0	0	0	0	0	0	194	161	0	355	51	0	94	0	145	775
Total Volume	0	877	218	0	1095	0	0	0	0	0	0	718	568	0	1286	156	0	353	0	509	2890
% App Total	0.0%	80.1%	19.9%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	55.8%	44.2%	0.0%		30.6%	0.0%	69.4%	0.0%		
PHF	.000	.917	.924	.000	.954	.000	.000	.000	.000	.000	.000	.884	.882	.000	.906	.765	.000	.929	.000	.878	.932

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-006 Isabel Avenue-I-580 EB Ramps.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

START TIME	Isabel Avenue Southbound					I-580 EB Ramps Westbound					Isabel Avenue Northbound					I-580 EB Ramps Eastbound					Total	Ped Total		
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL				
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Grand Total	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
Apprch %	0.0%	100.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%						
Total %	0.0%	100.0%	0.0%		100.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%		0.0%		0.0%	0.0%	0.0%		0.0%		100.0%		

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-006 Isabel Avenue-I-580 EB Ramps.ppd
 Date : 9/11/2014

Bank 1 Count = Peds & Bikes

AM PEAK HOUR	Isabel Avenue Southbound					I-580 EB Ramps Westbound					Isabel Avenue Northbound					I-580 EB Ramps Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 07:30 to 08:30																						
Peak Hour For Entire Intersection Begins at 07:30																						
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%				
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	

PM PEAK HOUR	Isabel Avenue Southbound					I-580 EB Ramps Westbound					Isabel Avenue Northbound					I-580 EB Ramps Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 16:15 to 17:15																						
Peak Hour For Entire Intersection Begins at 16:15																						
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
% App Total	0.0%	100.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%				
PHF	.000	.250	.000		.250	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.250	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-007 N. Vasco Road-I-580 EB Ramps.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	N. Vasco Road Southbound					I-580 EB Ramps Westbound					N. Vasco Road Northbound					I-580 EB Ramps Eastbound					Total	Uturn 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		
07:00	18	396	0	0	414	0	0	85	0	85	0	89	44	0	133	0	0	200	0	200	832	0
07:15	12	414	0	0	426	0	0	90	0	90	0	95	17	0	112	0	0	237	0	237	865	0
07:30	11	475	0	0	486	0	0	120	0	120	0	116	29	0	145	0	0	254	0	254	1005	0
07:45	9	442	0	0	451	0	0	124	0	124	0	86	22	0	108	0	0	284	0	284	967	0
Total	50	1727	0	0	1777	0	0	419	0	419	0	386	112	0	498	0	0	975	0	975	3669	0
08:00	13	439	0	0	452	0	0	146	0	146	0	119	22	0	141	0	0	253	0	253	992	0
08:15	11	389	0	0	400	0	0	131	0	131	0	138	33	0	171	0	0	248	0	248	950	0
08:30	30	300	0	0	330	0	0	106	0	106	0	92	18	0	110	0	0	233	0	233	779	0
08:45	16	260	0	0	276	0	0	123	0	123	0	83	16	0	99	0	0	209	0	209	707	0
Total	70	1388	0	0	1458	0	0	506	0	506	0	432	89	0	521	0	0	943	0	943	3428	0
16:00	11	91	0	0	102	0	0	331	0	331	0	444	64	0	508	0	0	88	0	88	1029	0
16:15	15	75	0	0	90	0	0	361	0	361	0	375	73	0	448	0	0	97	0	97	996	0
16:30	13	90	0	0	103	0	0	337	0	337	0	423	73	0	496	0	0	88	0	88	1024	0
16:45	15	129	0	0	144	0	0	318	0	318	0	468	74	0	542	0	0	77	0	77	1081	0
Total	54	385	0	0	439	0	0	1347	0	1347	0	1710	284	0	1994	0	0	350	0	350	4130	0
17:00	10	99	0	0	109	0	0	335	0	335	0	494	80	0	574	0	0	72	0	72	1090	0
17:15	18	123	0	0	141	0	0	328	0	328	0	394	73	0	467	0	0	69	0	69	1005	0
17:30	0	13	0	0	13	0	0	324	0	324	0	59	10	0	69	0	0	11	0	11	417	0
17:45	19	98	0	0	117	0	0	340	0	340	0	353	77	0	430	0	0	66	0	66	953	0
Total	47	333	0	0	380	0	0	1327	0	1327	0	1300	240	0	1540	0	0	218	0	218	3465	0
Grand Total	221	3833	0	0	4054	0	0	3599	0	3599	0	3828	725	0	4553	0	0	2486	0	2486	14692	0
Apprch %	5.5%	94.5%	0.0%	0.0%		0.0%	0.0%	100.0%	0.0%		0.0%	84.1%	15.9%	0.0%		0.0%	0.0%	100.0%	0.0%			
Total %	1.5%	26.1%	0.0%	0.0%	27.6%	0.0%	0.0%	24.5%	0.0%	24.5%	0.0%	26.1%	4.9%	0.0%	31.0%	0.0%	0.0%	16.9%	0.0%	16.9%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-007 N. Vasco Road-I-580 EB Ramps.ppd
 Date : 9/11/2014

Unshifted Count = All Vehicles

AM PEAK HOUR	N. Vasco Road Southbound					I-580 EB Ramps Westbound					N. Vasco Road Northbound					I-580 EB Ramps 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																					
07:30	11	475	0	0	486	0	0	120	0	120	0	116	29	0	145	0	0	254	0	254	1005
07:45	9	442	0	0	451	0	0	124	0	124	0	86	22	0	108	0	0	284	0	284	967
08:00	13	439	0	0	452	0	0	146	0	146	0	119	22	0	141	0	0	253	0	253	992
08:15	11	389	0	0	400	0	0	131	0	131	0	138	33	0	171	0	0	248	0	248	950
Total Volume	44	1745	0	0	1789	0	0	521	0	521	0	459	106	0	565	0	0	1039	0	1039	3914
% App Total	2.5%	97.5%	0.0%	0.0%		0.0%	0.0%	100.0%	0.0%		0.0%	81.2%	18.8%	0.0%		0.0%	0.0%	100.0%	0.0%		
PHF	.846	.918	.000	.000	.920	.000	.000	.892	.000	.892	.000	.832	.803	.000	.826	.000	.000	.915	.000	.915	.974

PM PEAK HOUR	N. Vasco Road Southbound					I-580 EB Ramps Westbound					N. Vasco Road Northbound					I-580 EB Ramps 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 16:30 to 17:30																					
Peak Hour For Entire Intersection Begins at 16:30																					
16:30	13	90	0	0	103	0	0	337	0	337	0	423	73	0	496	0	0	88	0	88	1024
16:45	15	129	0	0	144	0	0	318	0	318	0	468	74	0	542	0	0	77	0	77	1081
17:00	10	99	0	0	109	0	0	335	0	335	0	494	80	0	574	0	0	72	0	72	1090
17:15	18	123	0	0	141	0	0	328	0	328	0	394	73	0	467	0	0	69	0	69	1005
Total Volume	56	441	0	0	497	0	0	1318	0	1318	0	1779	300	0	2079	0	0	306	0	306	4200
% App Total	11.3%	88.7%	0.0%	0.0%		0.0%	0.0%	100.0%	0.0%		0.0%	85.6%	14.4%	0.0%		0.0%	0.0%	100.0%	0.0%		
PHF	.778	.855	.000	.000	.863	.000	.000	.978	.000	.978	.000	.900	.938	.000	.905	.000	.000	.869	.000	.869	.963

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-007 N. Vasco Road-I-580 EB Ramps.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

START TIME	N. Vasco Road Southbound					I-580 EB Ramps Westbound					N. Vasco Road Northbound					I-580 EB Ramps Eastbound					Total	Ped Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	2	0	0	1	0	0	1	0	0	0	0	0	1	2
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
17:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	2	1
Grand Total	0	0	0	0	0	0	0	0	4	0	0	3	0	0	3	0	0	0	1	0	3	5
Apprch %	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%				
Total %	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	100.0%	0.0%		100.0%	0.0%	0.0%	0.0%		0.0%		100.0%

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-007 N. Vasco Road-I-580 EB Ramps.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

AM PEAK HOUR	N. Vasco Road Southbound					I-580 EB Ramps Westbound					N. Vasco Road Northbound					I-580 EB Ramps Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 07:30 to 08:30																						
Peak Hour For Entire Intersection Begins at 07:30																						
07:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%				
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.250	.000		.250	.000	.000	.000		.000		.250

PM PEAK HOUR	N. Vasco Road Southbound					I-580 EB Ramps Westbound					N. Vasco Road Northbound					I-580 EB Ramps Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 16:30 to 17:30																						
Peak Hour For Entire Intersection Begins at 16:30																						
16:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
17:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	0	0	0	1	0	0	2	0	0	2	0	0	0	1	0	0	2
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%				
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.500	.000		.500	.000	.000	.000		.000		.500

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-008 Greenville Road-Altamont Pass Road.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

START TIME	Southbound					Altamont Pass Road Westbound					Greenville Road Northbound					Altamont Pass Road Eastbound					Total	Uturn 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		
07:00	0	0	0	0	0	97	97	0	0	194	14	0	10	0	24	0	4	172	0	176	394	0
07:15	0	0	0	0	0	112	84	0	0	196	5	0	12	0	17	0	6	205	0	211	424	0
07:30	0	0	0	0	0	87	71	0	0	158	12	0	7	0	19	0	9	219	0	228	405	0
07:45	0	0	0	0	0	71	47	0	0	118	8	0	11	0	19	0	2	262	0	264	401	0
Total	0	0	0	0	0	367	299	0	0	666	39	0	40	0	79	0	21	858	0	879	1624	0
08:00	0	0	0	0	0	46	50	0	0	96	14	0	13	0	27	0	3	200	0	203	326	0
08:15	0	0	0	0	0	50	51	0	0	101	14	0	9	0	23	0	2	136	0	138	262	0
08:30	0	0	0	0	0	24	47	0	0	71	23	0	10	0	33	0	2	130	0	132	236	0
08:45	0	0	0	0	0	30	31	0	0	61	14	0	7	0	21	0	3	104	0	107	189	0
Total	0	0	0	0	0	150	179	0	0	329	65	0	39	0	104	0	10	570	0	580	1013	0
16:00	0	0	0	0	0	2	7	0	0	9	68	0	215	0	283	0	130	34	0	164	456	0
16:15	0	0	0	0	0	2	9	0	0	11	58	0	209	0	267	0	136	28	0	164	442	0
16:30	0	0	0	0	0	2	13	0	0	15	100	0	241	0	341	0	136	25	0	161	517	0
16:45	0	0	0	0	0	0	9	0	0	9	85	0	252	0	337	0	142	34	0	176	522	0
Total	0	0	0	0	0	6	38	0	0	44	311	0	917	0	1228	0	544	121	0	665	1937	0
17:00	0	0	0	0	0	2	10	0	0	12	112	0	255	0	367	0	138	20	0	158	537	0
17:15	0	0	0	0	0	2	7	0	0	9	95	0	233	0	328	0	144	18	0	162	499	0
17:30	0	0	0	0	0	6	5	0	0	11	75	0	216	0	291	0	144	33	0	177	479	0
17:45	0	0	0	0	0	2	9	0	0	11	62	0	193	0	255	0	138	30	0	168	434	0
Total	0	0	0	0	0	12	31	0	0	43	344	0	897	0	1241	0	564	101	0	665	1949	0
Grand Total	0	0	0	0	0	535	547	0	0	1082	759	0	1893	0	2652	0	1139	1650	0	2789	6523	0
Apprch %	0.0%	0.0%	0.0%	0.0%		49.4%	50.6%	0.0%	0.0%		28.6%	0.0%	71.4%	0.0%		0.0%	40.8%	59.2%	0.0%			
Total %	0.0%	0.0%	0.0%	0.0%	0.0%	8.2%	8.4%	0.0%	0.0%	16.6%	11.6%	0.0%	29.0%	0.0%	40.7%	0.0%	17.5%	25.3%	0.0%	42.8%	100.0%	

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-008 Greenville Road-Altamont Pass Road.ppd

Date : 9/11/2014

Unshifted Count = All Vehicles

AM PEAK HOUR	Southbound					Altamont Pass Road Westbound					Greenville Road Northbound					Altamont Pass Road 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 07:00 to 08:00																					
Peak Hour For Entire Intersection Begins at 07:00																					
07:00	0	0	0	0	0	97	97	0	0	194	14	0	10	0	24	0	4	172	0	176	394
07:15	0	0	0	0	0	112	84	0	0	196	5	0	12	0	17	0	6	205	0	211	424
07:30	0	0	0	0	0	87	71	0	0	158	12	0	7	0	19	0	9	219	0	228	405
07:45	0	0	0	0	0	71	47	0	0	118	8	0	11	0	19	0	2	262	0	264	401
Total Volume	0	0	0	0	0	367	299	0	0	666	39	0	40	0	79	0	21	858	0	879	1624
% App Total	0.0%	0.0%	0.0%	0.0%	0.0%	55.1%	44.9%	0.0%	0.0%	49.4%	0.0%	50.6%	0.0%	0.0%	2.4%	97.6%	0.0%				
PHF	.000	.000	.000	.000	.000	.819	.771	.000	.000	.849	.696	.000	.833	.000	.823	.000	.583	.819	.000	.832	.958

PM PEAK HOUR	Southbound					Altamont Pass Road Westbound					Greenville Road Northbound					Altamont Pass Road 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 16:30 to 17:30																					
Peak Hour For Entire Intersection Begins at 16:30																					
16:30	0	0	0	0	0	2	13	0	0	15	100	0	241	0	341	0	136	25	0	161	517
16:45	0	0	0	0	0	0	9	0	0	9	85	0	252	0	337	0	142	34	0	176	522
17:00	0	0	0	0	0	2	10	0	0	12	112	0	255	0	367	0	138	20	0	158	537
17:15	0	0	0	0	0	2	7	0	0	9	95	0	233	0	328	0	144	18	0	162	499
Total Volume	0	0	0	0	0	6	39	0	0	45	392	0	981	0	1373	0	560	97	0	657	2075
% App Total	0.0%	0.0%	0.0%	0.0%	0.0%	13.3%	86.7%	0.0%	0.0%	28.6%	0.0%	71.4%	0.0%	0.0%	85.2%	14.8%	0.0%				
PHF	.000	.000	.000	.000	.000	.750	.750	.000	.000	.750	.875	.000	.962	.000	.935	.000	.972	.713	.000	.933	.966

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-008 Greenville Road-Altamont Pass Road.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

START TIME	Southbound					Altamont Pass Road Westbound					Greenville Road Northbound					Altamont Pass Road Eastbound					Total	Ped Total		
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL				
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	2	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0
Total	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	2	0	0
17:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	2	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0
Total	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	3	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	4	0	1	0	5	0	0	2	0	2	7	7	0	0
Apprch %	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			80.0%	0.0%	20.0%			0.0%	0.0%	100.0%			100.0%			
Total %	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	57.1%	0.0%	14.3%		71.4%	0.0%	0.0%	28.6%		28.6%	100.0%			

ALL TRAFFIC DATA

City of Livermore
 All Vehicles on Unshifted
 Peds & Bikes on Bank 1
 Nothing on Bank 2

(916) 771-8700

orders@atdtraffic.com

File Name : 14-7542-008 Greenville Road-Altamont Pass Road.ppd

Date : 9/11/2014

Bank 1 Count = Peds & Bikes

AM PEAK HOUR	Southbound					Altamont Pass Road Westbound					Greenville Road Northbound					Altamont Pass Road Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 07:00 to 08:00																					
Peak Hour For Entire Intersection Begins at 07:00																					
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000

PM PEAK HOUR	Southbound					Altamont Pass Road Westbound					Greenville Road Northbound					Altamont Pass Road Eastbound					Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	
Peak Hour Analysis From 16:30 to 17:30																					
Peak Hour For Entire Intersection Begins at 16:30																					
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	3
% App Total	0.0%	0.0%	0.0%			0.0%	0.0%	0.0%			100.0%	0.0%	0.0%			0.0%	0.0%	0.0%			
PHF	.000	.000	.000		.000	.000	.000	.000		.000	.375	.000	.000		.375	.000	.000	.000		.000	.375