

LINSCOTT, LAW & GREENSPAN, ENGINEERS
 234 E. Colorado Blvd., Ste 400, Pasadena 91101
 (626) 796.2322 Fax (626) 792.0941

INTERSECTION CAPACITY UTILIZATION

N-S St: Arroyo Parkway
 E-W St: Green Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU6

Arroyo Parkway @ Green Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION			
	1	2	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Volume	Capacity	Ratio
Nb Left	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0	0	0.000
Nb Thru	401	3200	0.125	24	425	0.133	3	428	3200	0.134	0	428	3200	0	428	0.134
Nb Right	389	1600	0.243 *	23	412	0.258 *	122	534	1600	0.334 *	0	534	1600	0	534	0.334 *
Sb Left	39	1600	0.024 *	2	41	0.026 *	1	42	1600	0.026 *	0	42	1600	0	42	0.026 *
Sb Thru	447	3200	0.140	27	474	0.148	65	539	3200	0.168	0	539	3200	0	539	0.168
Sb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	0	0	-
Eb Left	41	0	0.006	2	43	0.007	0	43	0	0.007	0	43	0	43	0	0.007
Eb Thru	998	6400	0.175 *	60	1058	0.185 *	233	1291	6400	0.226 *	0	1291	6400	0	1291	0.226 *
Eb Right	78	0	-	5	83	-	30	113	0	-	0	113	0	113	0	-
Wb Left	0	0	0.000 *	0	0	0.000 *	0	0	0	0.000 *	0	0	0	0	0	0.000 *
Wb Thru	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0	0	0.000
Wb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	0	0	-
Yellow Allowance:			0.100 *			0.100 *				0.100 *						0.100 *
ICU																
LOS			A			A				B						B
			0.542			0.568				0.686						0.686

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Arroyo Parkway
 E-W St: Cordova Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU7

Arroyo Parkway @ Cordova Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

INTERSECTION CAPACITY UTILIZATION

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Ratio	Volume	Volume	Ratio	Volume	Volume	Ratio
Nb Left	0	1600	0.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000
Nb Thru	913	4800	0.229 *	55	968	0.243 *	124	1092	0.274 *	0	1092	0.274 *	0	1092	0.274 *
Nb Right	187	0	-	11	198	-	25	223	0	0	223	0	0	223	0
Sb Left	23	1600	0.014 *	1	24	0.015 *	0	24	0.015 *	0	24	0.015 *	0	24	0.015 *
Sb Thru	618	3200	0.193	37	655	0.205	95	750	0.235	0	750	0.235	0	750	0.235
Sb Right	1	0	-	0	1	-	0	1	0	0	1	0	0	1	0
Eb Left	0	0	0.000 *	0	0	0.000 *	0	0	0.000 *	0	0	0.000 *	0	0	0.000 *
Eb Thru	0	1600	0.003	0	0	0.003	0	0	0.003	0	0	0.003	0	0	0.003
Eb Right	4	0	-	0	4	-	0	4	0	0	4	0	0	4	0
Wb Left	616	0	0.192	37	652	0.204	38	690	0	690	0	0.216	0	690	0
Wb Thru	0	3200	0.233 *	0	0	0.246 *	0	0	0.259 *	0	0	0.259 *	0	0	0.259 *
Wb Right	129	0	-	8	136	-	1	137	0	0	137	0	0	137	0
Yellow Allowance:			0.100 *			0.100 *			0.100 *			0.100 *			0.100 *
ICU															
LOS			A			B			B			B			B
			0.576			0.605			0.648			0.648			0.648

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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INTERSECTION CAPACITY UTILIZATION

Arroyo Parkway @ Del Mar Boulevard
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

N-S St: Arroyo Parkway
 E-W St: Del Mar Boulevard
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICUB

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION					
	1	2	V/C Ratio	Added Volume	Total Volume	V/C Ratio	Added Volume	Total Volume	Capacity	Added Volume	Total Volume	V/C Ratio	Added Volume	Total Volume	Capacity			
Nb Left	93	1600	0.058 *	6	99	0.062 *	54	153	1600	0.095 *	0	153	1600	0.095 *	0	153	1600	0.095 *
Nb Thru	1109	4800	0.288	67	1175	0.305	127	1302	4800	0.332	0	1302	4800	0.332	0	1302	4800	0.332
Nb Right	274	0	-	16	290	-	0	290	0	-	0	290	0	-	0	290	0	-
Sb Left	40	1600	0.025	2	42	0.026	0	42	1600	0.026	0	42	1600	0.026	0	42	1600	0.026
Sb Thru	1192	4800	0.301 *	72	1264	0.319 *	113	1377	4800	0.347 *	0	1377	4800	0.347 *	0	1377	4800	0.347 *
Sb Right	252	0	-	15	267	-	20	287	0	-	0	287	0	-	0	287	0	-
Eb Left	33	1600	0.021	2	35	0.022	23	58	1600	0.037	0	58	1600	0.037	0	58	1600	0.037
Eb Thru	828	3200	0.259 *	50	877	0.274 *	45	922	3200	0.288 *	0	922	3200	0.288 *	0	922	3200	0.288 *
Eb Right	122	1600	0.076	7	130	0.081	23	153	1600	0.095	0	153	1600	0.095	0	153	1600	0.095
Wb Left	108	1600	0.067 *	6	114	0.071 *	0	114	1600	0.071 *	0	114	1600	0.071 *	0	114	1600	0.071 *
Wb Thru	861	3200	0.281	52	913	0.298	47	960	3200	0.313	0	960	3200	0.313	0	960	3200	0.313
Wb Right	40	0	-	2	42	-	0	42	0	-	0	42	0	-	0	42	0	-
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *				0.100 *
ICU																		
LOS																		

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Arroyo Parkway
 E-W St: California Boulevard
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICUS

INTERSECTION CAPACITY UTILIZATION

Arroyo Parkway @ California Boulevard
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C Ratio	Added Volume	Total Volume	V/C Ratio	Added Volume	Total Volume	Capacity	V/C Ratio	Added Volume	Total Volume	Capacity	V/C Ratio	
Nb Left	154	1600	0.096	9	163	0.102	0	163	1600	0.102	0	163	1600	0.102	
Nb Thru	1375	4800	0.345 *	83	1458	0.366 *	181	1639	4800	0.406 *	0	1639	4800	0.406 *	
Nb Right	281	0	-	17	298	-	11	309	0	-	0	309	0	-	
Sb Left	69	1600	0.043 *	4	73	0.046 *	0	73	1600	0.046 *	0	73	1600	0.046 *	
Sb Thru	1222	4800	0.268	73	1295	0.284	136	1431	4800	0.312	0	1431	4800	0.312	
Sb Right	63	0	-	4	66	-	0	66	0	-	0	66	0	-	
Eb Left	60	1600	0.037	4	63	0.039	0	63	1600	0.039	0	63	1600	0.039	
Eb Thru	900	3200	0.281 *	54	954	0.298 *	19	973	3200	0.304 *	0	973	3200	0.304 *	
Eb Right	132	1600	0.082	8	140	0.087	0	140	1600	0.087	0	140	1600	0.087	
Wb Left	322	1600	0.201 *	19	341	0.213 *	12	353	1600	0.221 *	0	353	1600	0.221 *	
Wb Thru	675	3200	0.228	41	716	0.242	17	733	3200	0.247	0	733	3200	0.247	
Wb Right	55	0	-	3	59	-	0	59	0	-	0	59	0	-	
Yellow Allowance:	0.100 *			0.100 *			0.100 *			0.100 *			0.100 *		
ICU	0.971			1.023			1.076			1.076			1.076		
LOS	E			F			F			F			F		

* Key conflicting movement as a part of ICU
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 2 Capacity expressed in veh/hour of green

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N-S St: Marengo Avenue
 E-W St: Maple Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU10

INTERSECTION CAPACITY UTILIZATION

Marengo Avenue @ Maple Street
 Peak Hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	Volume	Capacity	V/C Ratio	Added Volume	Total Volume	V/C Ratio	Added Volume	Total Volume	Capacity	V/C Ratio	Added Volume	Total Volume	Capacity	V/C Ratio	
Nb Left	209	1600	0.131 *	13	222	0.138 *	20	242	1600	0.151 *	0	242	1600	0.151 *	
Nb Thru	483	3200	0.151	29	512	0.160	11	523	3200	0.163	0	523	3200	0.163	
Nb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	-	
Sb Left	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0.000	
Sb Thru	263	3200	0.082 *	16	279	0.087 *	7	286	3200	0.089 *	0	286	3200	0.089 *	
Sb Right	38	1600	0.024	2	40	0.025	0	40	1600	0.025	0	40	1600	0.025	
Eb Left	0	0	0.000 *	0	0	0.000 *	0	0	0	0.000 *	0	0	0	0.000 *	
Eb Thru	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0.000	
Eb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	-	
Wb Left	393	0	0.082	24	416	0.087	12	428	0	0.089	0	428	0	0.089	
Wb Thru	677	4800	0.244 *	41	718	0.259 *	0	718	4800	0.261 *	0	718	4800	0.261 *	
Wb Right	101	0	-	6	107	-	0	107	0	-	0	107	0	-	
Yellow Allowance:	0.100 *			0.100 *			0.100 *			0.100 *			0.100 *		
ICU	A 0.557			A 0.584			B 0.602			B 0.602			B 0.602		
LOS	A			A			B			B			B		

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Marengo Avenue
 E-W St: Corson Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU11

INTERSECTION CAPACITY UTILIZATION

Marengo Avenue @ Corson Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0.000	
Nb Thru	534	6400	0.168 *	32	566	0.178 *	24	590	6400	0.186 *	0	590	6400	0.186 *	
Nb Right	543	0	-	33	576	-	26	602	0	-	0	602	0	-	
Sb Left	90	1600	0.056 *	5	95	0.060 *	0	95	1600	0.060 *	0	95	1600	0.060 *	
Sb Thru	561	3200	0.175	34	595	0.186	18	613	3200	0.192	0	613	3200	0.192	
Sb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	-	
Eb Left	155	0	0.032	9	164	0.034	6	170	0	0.035	0	170	0	0.035	
Eb Thru	1341	4800	0.337 *	80	1421	0.357 *	14	1435	4800	0.364 *	0	1435	4800	0.364 *	
Eb Right	122	0	-	7	130	-	12	142	0	-	0	142	0	-	
Wb Left	0	0	0.000 *	0	0	0.000 *	0	0	0	0.000 *	0	0	0	0.000 *	
Wb Thru	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0.000	
Wb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	-	
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *	
ICU															
LOS		B	0.662		B	0.695		C	0.710		C	0.710		C	

* Key conflicting movement as a part of ICU
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N-S St: Marengo Avenue
 E-W St: Walnut Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU12

INTERSECTION CAPACITY UTILIZATION

Marengo Avenue @ Walnut Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	133	1600	0.083	8	141	0.088	2	143	1600	0.089	0	143	1600	0.089	
Nb Thru	846	3200	0.265 *	51	897	0.280 *	33	930	3200	0.291 *	0	930	3200	0.291 *	
Nb Right	144	1600	0.090	9	153	0.096	0	153	1600	0.096	0	153	1600	0.096	
Sb Left	69	1600	0.043 *	4	73	0.046 *	5	78	1600	0.049 *	0	78	1600	0.049 *	
Sb Thru	538	3200	0.166	32	570	0.198	23	593	3200	0.206	0	593	3200	0.206	
Sb Right	59	0	0	4	62	0	3	65	0	0	0	65	0	0	
Eb Left	59	1600	0.037	4	62	0.039	0	62	1600	0.039	0	62	1600	0.039	
Eb Thru	1019	3200	0.344 *	61	1080	0.365 *	82	1162	3200	0.391 *	0	1162	3200	0.391 *	
Eb Right	82	0	0	5	86	0	3	89	0	0	0	89	0	0	
Wb Left	100	1600	0.063 *	6	106	0.066 *	0	106	1600	0.066 *	0	106	1600	0.066 *	
Wb Thru	750	3200	0.234	45	795	0.249	100	895	3200	0.280	0	895	3200	0.280	
Wb Right	85	1600	0.053	5	90	0.056	17	107	1600	0.067	0	107	1600	0.067	
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *	
ICU						0.857				0.897				0.897	
LOS			D			D				D				D	

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N-S St: Marengo Avenue
 E-W St: Holly Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU13

INTERSECTION CAPACITY UTILIZATION

Marengo Avenue @ Holly Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION			
	1	2	V/C	Added	Total	V/C	Added	Total	Added	Total	2	V/C	Added	Total	2	V/C
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio
Nb Left	20	1600	0.013	1	21	0.013	1	22	1600	0.014	0	0.014	0	22	1600	0.014
Nb Thru	806	3200	0.264	48	854	0.280	33	887	3200	0.291	0	0.291	0	887	3200	0.291
Nb Right	40	0	-	2	42	-	0	42	0	-	0	-	0	42	0	-
Sb Left	18	1600	0.011	1	19	0.012	0	19	1600	0.012	0	0.012	0	19	1600	0.012
Sb Thru	657	3200	0.220	39	696	0.234	24	720	3200	0.242	0	0.242	0	720	3200	0.242
Sb Right	48	0	-	3	51	-	2	53	0	-	0	-	0	53	0	-
Eb Left	195	1600	0.123	12	208	0.130	2	210	1600	0.131	0	0.131	0	210	1600	0.131
Eb Thru	55	1600	0.081	3	58	0.086	0	58	1600	0.087	0	0.087	0	58	1600	0.087
Eb Right	75	0	-	5	80	-	1	81	0	-	0	-	0	81	0	-
Wb Left	6	0	0.004	0	6	0.004	0	6	0	0.004	0	0.004	0	6	0	0.004
Wb Thru	10	1600	0.034	1	11	0.036	0	11	1600	0.036	0	0.036	0	11	1600	0.036
Wb Right	38	0	-	2	40	-	0	40	0	-	0	-	0	40	0	-
Yellow Allowance:			0.100			0.100				0.100		0.100				0.100
ICU			0.532			0.558				0.569		0.569				0.569
LOS			A			A				A		A				A

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 2 Capacity expressed in veh/hour of green

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N-S St: Marengo Avenue
 E-W St: Colorado Boulevard
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU14

INTERSECTION CAPACITY UTILIZATION

Marengo Avenue @ Colorado Boulevard
 Peak Hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	39	1600	0.024	2	41	0.026	1	42	1600	0.026	0	42	1600	0.026	
Nb Thru	723	3200	0.226 *	43	767	0.240 *	3	770	3200	0.240 *	0	770	3200	0.240 *	
Nb Right	53	1600	0.033	3	56	0.035	0	56	1600	0.035	0	56	1600	0.035	
Sb Left	84	1600	0.052 *	5	89	0.055 *	9	98	1600	0.061 *	0	98	1600	0.061 *	
Sb Thru	655	3200	0.242	39	695	0.257	45	740	3200	0.271	0	740	3200	0.271	
Sb Right	120	0	-	7	127	-	0	127	0	-	0	127	0	-	
Eb Left	66	1600	0.041	4	70	0.044	0	70	1600	0.044	0	70	1600	0.044	
Eb Thru	1008	3200	0.315 *	61	1069	0.334 *	83	1152	3200	0.360 *	0	1152	3200	0.360 *	
Eb Right	165	1600	0.103	10	175	0.109	0	175	1600	0.109	0	175	1600	0.109	
Wb Left	139	1600	0.087 *	8	147	0.092 *	0	147	1600	0.092 *	0	147	1600	0.092 *	
Wb Thru	896	3200	0.280	54	949	0.297	112	1061	3200	0.332	0	1061	3200	0.332	
Wb Right	105	1600	0.065	6	111	0.069	8	119	1600	0.074	0	119	1600	0.074	
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *	
ICU															
LOS			C			D				D				D	
			0.780			0.821				0.854				0.854	

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Marengo Avenue
 E-W St: Green Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU15

Marengo Avenue @ Green Street
 Peak Hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

INTERSECTION CAPACITY UTILIZATION

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	Added	Total	Added	Total	Added	Total	V/C
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Ratio
Nb Left	0	0	0.000	0	0	0.000	0	0	0	0	0	0	0	0	0.000
Nb Thru	607	3200	0.190 *	36	644	0.201 *	4	648	0	648	0	648	0	648	0.202 *
Nb Right	143	1600	0.089	9	152	0.095	8	160	0	160	0	160	0	160	0.100
Sb Left	209	2880	0.073 *	13	222	0.077 *	18	240	0	240	0	240	0	240	0.083 *
Sb Thru	761	3200	0.238	46	806	0.252	27	833	0	833	0	833	0	833	0.260
Sb Right	0	0	-	0	0	-	0	0	0	0	0	0	0	0	0.260
Eb Left	317	1600	0.198	19	336	0.210	0	336	0	336	0	336	0	336	0.210
Eb Thru	853	6400	0.155	51	904	0.164	334	1238	0	1238	0	1238	0	1238	0.218 *
Eb Right	138	0	-	8	146	-	8	154	0	154	0	154	0	154	0.218 *
Wb Left	0	0	0.000	0	0	0.000	0	0	0	0	0	0	0	0	0.000 *
Wb Thru	0	0	0.000	0	0	0.000	0	0	0	0	0	0	0	0	0.000
Wb Right	0	0	-	0	0	-	0	0	0	0	0	0	0	0	0.000
Yellow Allowance:			0.100 *			0.100 *									0.100 *
ICU															
LOS		A	0.560		A	0.588		B	0.603		B	0.603		B	0.603

*Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Marengo Avenue
 E-W St: Cordova Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU16

Marengo Avenue @ Cordova Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

INTERSECTION CAPACITY UTILIZATION

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	26	1600	0.016 *	2	28	0.017 *	1	29	1600	0.018 *	0	29	1600	0.018 *	
Nb Thru	554	3200	0.188	33	587	0.199	9	596	3200	0.203	0	596	3200	0.203	
Nb Right	48	0	0	3	51	0	3	54	0	0	0	54	0	0	
Sb Left	86	1600	0.054	5	91	0.057	1	92	1600	0.057	0	92	1600	0.057	
Sb Thru	647	3200	0.272 *	39	686	0.288 *	28	714	3200	0.297 *	0	714	3200	0.297 *	
Sb Right	224	0	0	13	237	0	0	237	0	0	0	237	0	0	
Eb Left	19	1600	0.012 *	1	20	0.012 *	0	20	1600	0.012 *	0	20	1600	0.012 *	
Eb Thru	176	3200	0.064	11	186	0.068	25	211	3200	0.076	0	211	3200	0.076	
Eb Right	29	0	0	2	31	0	0	31	0	0	0	31	0	0	
Wb Left	112	1600	0.070	7	119	0.074	5	124	1600	0.077	0	124	1600	0.077	
Wb Thru	630	3200	0.233 *	38	668	0.247 *	36	704	3200	0.259 *	0	704	3200	0.259 *	
Wb Right	116	0	0	7	123	0	3	126	0	0	0	126	0	0	
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *	
ICU															
LOS		B	0.633		B	0.665		B	0.687		B	0.687		B	

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Marengo Avenue
 E-W St: Del Mar Boulevard
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU17

INTERSECTION CAPACITY UTILIZATION

Marengo Avenue @ Del Mar Boulevard
 Peak Hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	60	1600	0.037 *	4	63	0.039 *	0	63	1600	0.039 *	0	63	1600	0.039 *	
Nb Thru	398	3200	0.124	24	422	0.132	13	435	3200	0.136	0	435	3200	0.136	
Nb Right	119	1600	0.074	7	126	0.079	0	126	1600	0.079	0	126	1600	0.079	
Sb Left	67	1600	0.042	4	71	0.044	0	71	1600	0.044	0	71	1600	0.044	
Sb Thru	462	1600	0.289 *	28	490	0.306 *	33	523	1600	0.327 *	0	523	1600	0.327 *	
Sb Right	131	1600	0.082	8	138	0.087	0	138	1600	0.087	0	138	1600	0.087	
Eb Left	68	1600	0.042	4	72	0.045	0	72	1600	0.045	0	72	1600	0.045	
Eb Thru	1136	3200	0.389 *	68	1204	0.412 *	45	1249	3200	0.426 *	0	1249	3200	0.426 *	
Eb Right	109	0	0	7	115	-	0	115	0	-	0	115	0	-	
Wb Left	135	1600	0.084 *	8	143	0.089 *	0	143	1600	0.089 *	0	143	1600	0.089 *	
Wb Thru	781	3200	0.261	47	827	0.276	47	874	3200	0.291	0	874	3200	0.291	
Wb Right	53	0	0	3	56	-	0	56	0	-	0	56	0	-	
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *	
ICU						0.947				0.982				0.982	
LOS		D			E			E		E		E		E	

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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INTERSECTION CAPACITY UTILIZATION

Marengo Avenue @ California Boulevard
 Peak Hr PM
 Annual Growth 1.50%

Date 05/30/2003
 Date of Count 2003
 Projection Year 2007

N-S St Marengo Avenue
 E-W St California Boulevard
 Project Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU18

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	118	1600	0.074 *	7	125	0.078 *	0	125	1600	0.078 *	0	125	1600	0.078 *	
Nb Thru	603	1600	0.377	36	639	0.399	13	652	1600	0.408	0	652	1600	0.408	
Nb Right	149	1600	0.093	9	158	0.099	0	158	1600	0.099	0	158	1600	0.099	
Sb Left	66	1600	0.041	4	70	0.044	0	70	1600	0.044	0	70	1600	0.044	
Sb Thru	627	1600	0.392 *	38	665	0.415 *	33	698	1600	0.436 *	0	698	1600	0.436 *	
Sb Right	180	1600	0.112	11	191	0.119	0	191	1600	0.119	0	191	1600	0.119	
Eb Left	137	1600	0.086	8	145	0.091	0	145	1600	0.091	0	145	1600	0.091	
Eb Thru	1038	3200	0.372 *	62	1100	0.395 *	29	1129	3200	0.404 *	0	1129	3200	0.404 *	
Eb Right	154	0	-	9	163	-	0	163	0	-	0	163	0	-	
Wb Left	75	1600	0.047 *	5	80	0.050 *	0	80	1600	0.050 *	0	80	1600	0.050 *	
Wb Thru	806	3200	0.257	48	854	0.283	29	883	3200	0.292	0	883	3200	0.292	
Wb Right	49	0	-	3	52	-	0	52	0	-	0	52	0	-	
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *	
ICU															
LOS		E	0.985		F	1.038		F	1.068		F	1.068		F	

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Euclid Avenue
 E-W St: Green Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU19

Euclid Avenue @ Green Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

INTERSECTION CAPACITY UTILIZATION

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Ratio	Volume	Volume	Ratio	Volume	Volume	Ratio
Nb Left	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000
Nb Thru	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000
Nb Right	113	1600	0.071	7	120	0.075	3	123	0.077	0	123	0.077	0	123	0.077
Sb Left	12	1600	0.008	1	13	0.008	0	13	0.008	0	13	0.008	0	13	0.008
Sb Thru	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000
Sb Right	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
Eb Left	16	1600	0.010	1	17	0.011	0	17	0.011	0	17	0.011	0	17	0.011
Eb Thru	1199	6400	0.203	72	1271	0.216	327	1598	0.270	0	1598	0.270	0	1598	0.270
Eb Right	103	0	-	6	109	-	18	127	-	0	127	-	0	127	-
Wb Left	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000
Wb Thru	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000
Wb Right	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
Yellow Allowance:			0.100			0.100			0.100			0.100			0.100
ICU			0.382			0.398			0.454			0.454			0.454
LOS		A			A			A			A			A	

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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INTERSECTION CAPACITY UTILIZATION

N-S St: Euclid Avenue
 E-W St: Cordova Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU20

Euclid Avenue @ Cordova Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	16	0	0.010 *	1	17	0.011 *	0	17	0	0.011 *	0	17	0	0.011 *	
Nb Thru	28	1600	0.051	2	30	0.054	6	36	1600	0.058	0	36	1600	0.058	
Nb Right	38	0	-	2	40	-	0	40	0	-	0	40	0	-	
Sb Left	24	0	0.015	1	25	0.016	4	29	0	0.018	0	29	0	0.018	
Sb Thru	63	1600	0.084 *	4	67	0.089 *	3	70	1600	0.101 *	0	70	1600	0.101 *	
Sb Right	48	0	-	3	51	-	11	62	0	-	0	62	0	-	
Eb Left	15	1600	0.009 *	1	16	0.010 *	0	16	1600	0.010 *	0	16	1600	0.010 *	
Eb Thru	300	3200	0.104	18	318	0.110	22	340	3200	0.117	0	340	3200	0.117	
Eb Right	33	0	-	2	35	-	0	35	0	-	0	35	0	-	
Wb Left	64	1600	0.040	4	68	0.042	0	68	1600	0.042	0	68	1600	0.042	
Wb Thru	609	3200	0.206 *	37	646	0.218 *	35	681	3200	0.232 *	0	681	3200	0.232 *	
Wb Right	50	0	-	3	53	-	8	61	0	-	0	61	0	-	
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *	
ICU						0.428				0.453				0.453	
LOS			A			A				A				A	

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Los Robles Avenue
 E-W St: Green Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU21

INTERSECTION CAPACITY UTILIZATION

Los Robles Avenue @ Green Street
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION		
	1	2	V/C	Added	Total	V/C	Added	Total	2	V/C	Added	Total	2	V/C	
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Ratio	
Nb Left	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0.000	
Nb Thru	729	3200	0.251	44	773	0.266	40	813	3200	0.279	0	813	3200	0.279	
Nb Right	74	0	-	4	79	-	0	79	0	-	0	79	0	-	
Sb Left	99	1600	0.062	6	105	0.066	0	105	1600	0.066	0	105	1600	0.066	
Sb Thru	641	3200	0.200	38	679	0.212	51	730	3200	0.228	0	730	3200	0.228	
Sb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	-	
Eb Left	251	1600	0.157	15	266	0.166	30	296	1600	0.185	0	296	1600	0.185	
Eb Thru	1117	4800	0.233	67	1184	0.247	310	1494	4800	0.311	0	1494	4800	0.311	
Eb Right	53	1600	0.033	3	56	0.035	0	56	1600	0.035	0	56	1600	0.035	
Wb Left	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0.000	
Wb Thru	0	0	0.000	0	0	0.000	0	0	0	0.000	0	0	0	0.000	
Wb Right	0	0	-	0	0	-	0	0	0	-	0	0	0	-	
Yellow Allowance:			0.100			0.100				0.100				0.100	
ICU			0.646			0.679				0.756				0.756	
LOS			B			B				C				C	

* Key conflicting movement as a part of ICU
 1 Counts conducted by?
 2 Capacity expressed in veh/hour of green

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INTERSECTION CAPACITY UTILIZATION

N-S St: Los Robles Avenue
 E-W St: Cordova Street
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICUZZ

Los Robles Avenue @ Cordova Street
 Peak Hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION					
	1	2	V/C Ratio	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C			
Nb Left	16	1600	0.010	1	17	0.010	4	21	1600	0.013	0	21	1600	0.013	0	21	1600	0.013
Nb Thru	554	3200	0.188 *	33	587	0.199 *	40	627	3200	0.213 *	0	627	3200	0.213 *	0	627	3200	0.213 *
Nb Right	47	0	0	3	50	0	6	56	0	0	0	56	0	0	0	56	0	0
Sb Left	120	1600	0.075 *	7	127	0.080 *	0	127	1600	0.080 *	0	127	1600	0.080 *	0	127	1600	0.080 *
Sb Thru	549	3200	0.214	33	582	0.227	45	627	3200	0.243	0	627	3200	0.243	0	627	3200	0.243
Sb Right	136	0	0	8	144	0	6	150	0	0	0	150	0	0	0	150	0	0
Eb Left	78	1600	0.049 *	5	83	0.052 *	0	83	1600	0.052 *	0	83	1600	0.052 *	0	83	1600	0.052 *
Eb Thru	314	3200	0.108	19	332	0.114	24	356	3200	0.122	0	356	3200	0.122	0	356	3200	0.122
Eb Right	31	0	0	2	33	0	2	35	0	0	0	35	0	0	0	35	0	0
Wb Left	115	1600	0.072	7	122	0.076	12	134	1600	0.084	0	134	1600	0.084	0	134	1600	0.084
Wb Thru	632	3200	0.198 *	38	670	0.209 *	33	703	3200	0.220 *	0	703	3200	0.220 *	0	703	3200	0.220 *
Wb Right	172	1600	0.108	10	183	0.114	0	183	1600	0.114	0	183	1600	0.114	0	183	1600	0.114
Yellow Allowance:			0.100 *			0.100 *				0.100 *				0.100 *				0.100 *
ICU						0.640				0.665				0.665				0.665
LOS						B				B				B				B

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

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N-S St: Los Robles Avenue
 E-W St: Del Mar Boulevard
 Project: Pasadena Conference Center Expansion Project / 1-023231-1
 File: ICU23

INTERSECTION CAPACITY UTILIZATION

Los Robles Avenue @ Del Mar Boulevard
 Peak hr: PM
 Annual Growth: 1.50%

Date: 05/30/2003
 Date of Count: 2003
 Projection Year: 2007

Movement	2003 EXIST. TRAFFIC			2007 W/AMBIENT GROWTH			2007 W/RELATED PROJECTS			2007 W/PROJECT SITE TRAFFIC			2007 W/PROJECT MITIGATION				
	1	2	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C	Added	Total	V/C		
	Volume	Capacity	Ratio	Volume	Volume	Ratio	Volume	Volume	Capacity	Ratio	Volume	Volume	Capacity	Volume	Capacity	Ratio	
Nb Left	47	1600	0.029	3	50	0.031	0	50	1600	0.031	0	50	1600	0	50	1600	0.031
Nb Thru	505	1600	0.315	30	535	0.334	50	585	1600	0.366	0	585	1600	0	585	1600	0.366
Nb Right	84	1600	0.052	5	89	0.055	0	89	1600	0.055	0	89	1600	0	89	1600	0.055
Sb Left	86	1600	0.054	5	91	0.057	0	91	1600	0.057	0	91	1600	0	91	1600	0.057
Sb Thru	647	1600	0.404	39	686	0.429	59	745	1600	0.465	0	745	1600	0	745	1600	0.465
Sb Right	93	1600	0.058	6	99	0.062	0	99	1600	0.062	0	99	1600	0	99	1600	0.062
Eb Left	107	1600	0.067	6	113	0.071	0	113	1600	0.071	0	113	1600	0	113	1600	0.071
Eb Thru	1465	3200	0.486	88	1553	0.515	45	1598	3200	0.529	0	1598	3200	0	1598	3200	0.529
Eb Right	90	0	-	5	95	-	0	95	0	-	0	95	0	0	95	0	-
Wb Left	114	1600	0.071	7	121	0.075	0	121	1600	0.075	0	121	1600	0	121	1600	0.075
Wb Thru	922	3200	0.317	55	977	0.336	47	1024	3200	0.350	0	1024	3200	0	1024	3200	0.350
Wb Right	92	0	-	6	97	-	0	97	0	-	0	97	0	0	97	0	-
Yellow Allowance:			0.100			0.100				0.100							0.100
ICU			1.091			1.150				1.201							1.201
LOS			F			F				F							F

* Key conflicting movement as a part of ICU
 1 Counts conducted by ?
 2 Capacity expressed in veh/hour of green

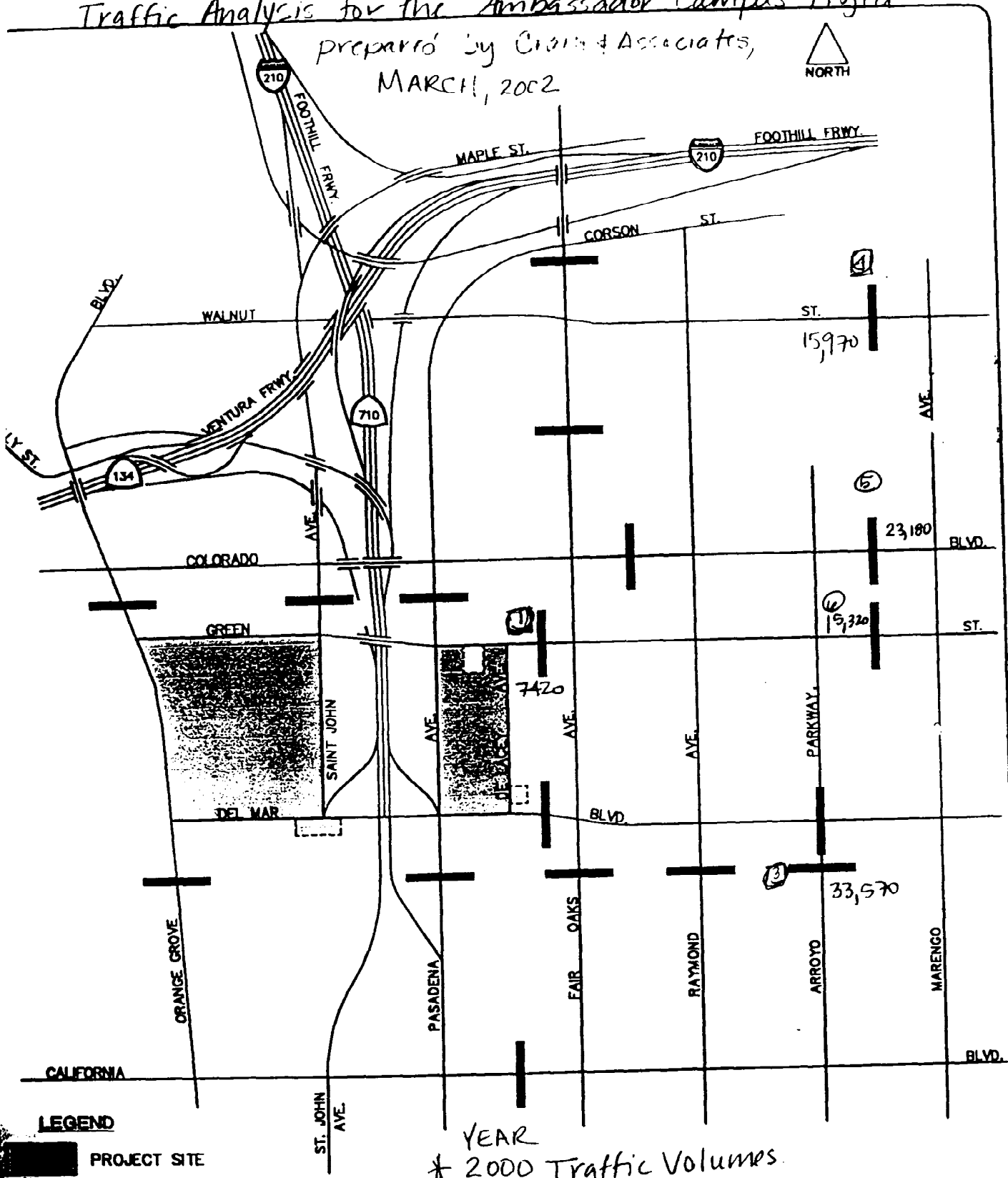
Linscott, Law & Greenspan, Engineers

APPENDIX E

24-Hour Traffic Counts

Traffic Analysis for the Ambassador Campus Project

prepared by Crain & Associates,
MARCH, 2002



LEGEND

PROJECT SITE

STUDY STREET SEGMENTS

YEAR
* 2000 Traffic Volumes.

FIGURE 3

9/8/2000

FILE: AMBASS-PASADENA\SEGLOC3

family
STREET SEGMENT LOCATIONS



CRAIN & ASSOCIATES

2007 Sawtelle Boulevard
Los Angeles, California 90025
(310) 473-8508

Transportation Planning - Traffic Engineering

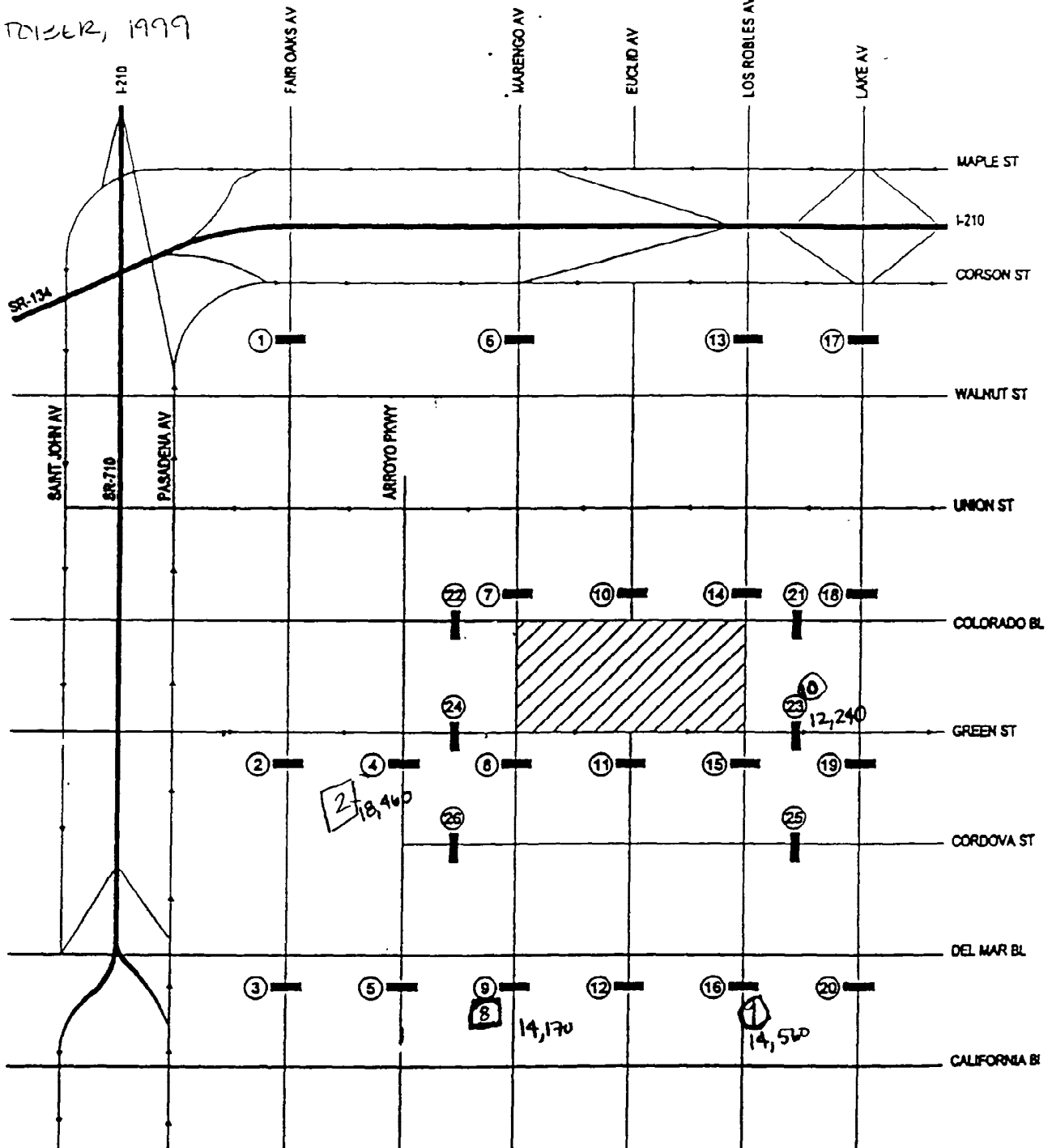
Table 11
Street Segment Analysis Summary

Segment Number	Segment	From/To	ADT			Percent Increase
			Existing (2000)	Without Project (2010)	Project Only	
1.	Fair Oaks Ave.	Walnut Street to Corson Street	37,260	47,660	654	1.37%
4	Walnut St.	Raymond Avenue to Marengo Avenue	15,970	19,390	252	1.30%
3.	Fair Oaks Ave.	Holly Street to Walnut Street	28,380	36,670	801	2.18%
4.	Orange Grove Blvd.	Colorado Blvd to Green Street	26,140	30,710	919	2.99%*
5.	St. John Ave.	Colorado Blvd to Green Street	3,990	4,530	424	9.35%*
6.	Pasadena Ave.	Colorado Blvd to Green Street	4,290	5,170	550	10.63%*
7.	Green St.	De Lacey Avenue to Fair Oaks Avenue	7,420	8,400	545	6.49%*
8.	Colorado Blvd.	Fair Oaks Avenue to Raymond Avenue	19,730	29,050	348	1.20%
5	Colorado Blvd.	Arroyo Parkway to Marengo Avenue	23,180	32,380	348	1.08%
6	Green St.	Arroyo Parkway to Marengo Avenue	15,320	17,260	126	0.73%
11.	Orange Grove Blvd.	Del Mar Blvd to Waverly Drive	25,300	29,750	877	2.95%*
12.	Pasadena Ave.	Del Mar Blvd to Waverly Drive	10,710	12,450	453	3.64%*
13.	Del Mar Blvd.	De Lacey Avenue to Fair Oaks Avenue	20,760	28,650	4,384	15.30%*
14.	Fair Oaks Ave.	Del Mar Blvd to Waverly Drive	32,510	39,660	965	2.43%
15.	Raymond Ave.	Del Mar Blvd to Bellevue Drive	8,140	10,840	130	1.20%
16.	Del Mar Blvd.	at Arroyo Parkway	25,720	32,320	1,489	4.61%*
3	Arroyo Parkway	Del Mar Blvd to Evanston Place	33,570	42,280	1,372	3.24%*
18.	California Blvd.	Fair Oaks Avenue to Pasadena Avenue	20,260	25,410	155	0.61%

* Denotes significant impact, prior to mitigation.

Traffic Analysis for the Ambassador Campus Project, prepared by Criminal Associates,
March, 2002.

Final Environmental Impact Report for the Plaza Pasadena Renovation,
 October, 1999



LEGEND:

- Project Site
- ADT Count Locations

North No Scale

Source: Kaku Associates, July 1999

City of Pasadena
 Plaza Pasadena Renovation

Figure 12
 Average Daily Traffic
 Counts Locations

Final EIR
 October 1999

Final Environmental Impact Report for the Plaza Pasadena Renovation, October 1999

TABLE 2
EXISTING (1999) AVERAGE DAILY TRAFFIC

Segment #	Segment	Location	Weekday (Monday) ADT	Weekday (Tuesday) ADT	Weekday (Wednesday) ADT	Friday ADT	Saturday ADT	Sunday ADT
1	Fair Oaks Av	b/w Corson St & Walnut St	28,680	28,990	29,310	31,450	26,600	20,900
2	Fair Oaks Av	s/o Green St	23,970	25,880	25,700	28,030	24,040	20,030
3	Fair Oaks Av	s/o Del Mar Bl	29,110	29,690	29,550	32,180	27,640	21,370
4	Arroyo Parkway	s/o Green St	17,650	18,460	18,580	20,240	18,110	14,710
5	Arroyo Parkway	s/o Del Mar Bl	32,790	34,080	34,070	36,340	31,480	25,640
6	Marengo Av	b/w Corson St & Walnut St	20,140	20,360	20,480	21,480	17,790	14,730
7	Marengo Av	n/o Colorado Bl	17,590	18,090	18,310	19,930	17,560	13,610
8	Marengo Av	s/o Green St	15,310	15,750	15,930	17,480	14,550	10,860
9	Marengo Av	s/o Del Mar Bl	13,890	14,170	14,140	14,710	11,940	9,270
10	Euclid Av	n/o Colorado Bl	2,560	2,780	2,830	2,750	2,440	2,210
11	Euclid Av	s/o Green St	2,410	3,140	2,910	3,470	4,130	2,560
12	Euclid Av	s/o Del Mar Bl	2,420	2,370	2,420	2,440	2,050	1,460
13	Los Robles Av	b/w Corson St & Walnut St	22,480	23,410	22,830	23,430	18,430	15,620
14	Los Robles Av	n/o Colorado Bl	17,910	18,780	18,600	19,540	15,870	12,650
15	Los Robles Av	s/o Green St	17,950	18,610	18,400	19,520	16,010	12,240
16	Los Robles Av	s/o Del Mar Bl	14,330	14,560	14,730	15,370	13,190	10,080
17	Lake Av	b/w Corson St & Walnut St	49,710	50,570	50,800	55,010	49,330	40,100
18	Lake Av	n/o Colorado Bl	36,980	37,560	38,640	41,480	37,450	29,470
19	Lake Av	s/o Green St	30,540	31,740	31,750	35,320	33,070	25,780
20	Lake Av	s/o Del Mar Bl	24,280	25,250	24,880	27,740	26,480	20,800
21	Colorado Bl	e/o Los Robles Av	22,580	22,050	22,340	25,880	25,460	19,090
22	Colorado Bl	b/w Marengo Av & Arroyo Pkwy	21,260	22,230	22,230	26,090	25,630	21,420
23	Green St	e/o Los Robles Av	12,060	12,240	12,690	13,710	10,090	7,270
24	Green St	b/w Marengo Av & Arroyo Pkwy	14,210	14,750	15,310	16,410	13,270	10,040
25	Cordova St	e/o Los Robles Av	12,670	13,440	13,650	13,210	8,800	6,570
26	Cordova St	b/w Marengo Av & Arroyo Pkwy	10,580	11,130	11,150	11,280	8,500	6,610

Final Traffic Impact Analysis for Plaza Las Fuentes Phase II, prepared by Kimley-Horn and Associates, April, 2002

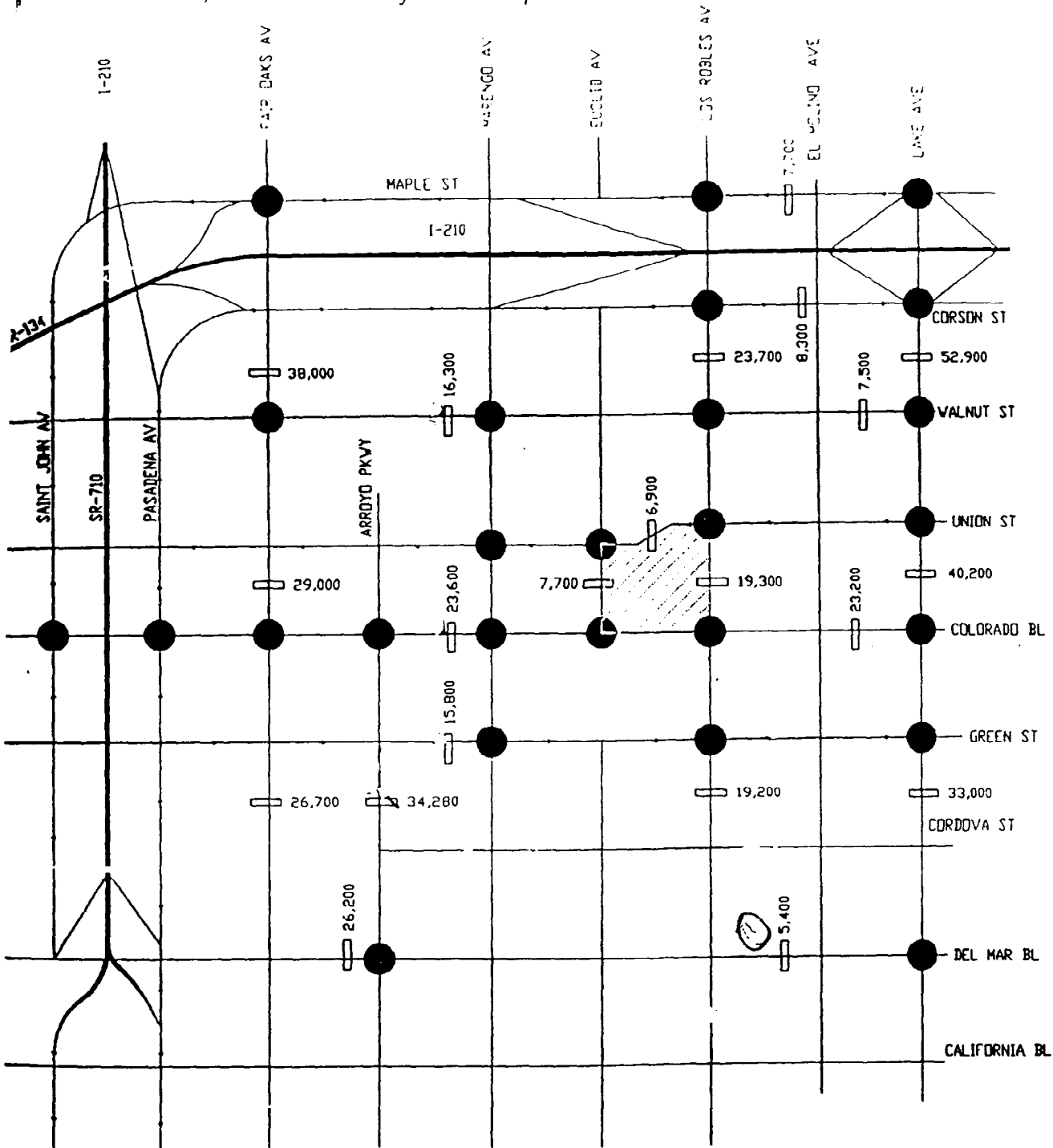


FIGURE 6
EXISTING (2001) AVERAGE DAILY TRAFFIC VOLUMES
PLAZA LAS FUENTES - PHASE II

20,000 AVERAGE DAILY TRAFFIC
 [RECTANGLE] STUDY AREA ROADWAY SEGMENT
 [CIRCLE] STUDY AREA INTERSECTIONS





**Table 8: Sources of Average
Daily Traffic (ADT) Data**

Street Segment	Location	Data Source	Date of Counts
Arroyo Pkwy.	south of Green St.	Ambassador Development Plan	2000
Colorado Blvd.	east of Arroyo Parkway	Ambassador Development Plan	2000
Colorado Blvd.	east of Los Robles Ave.	Plaza Pasadena Renovation Project	04/1999
Corson St.	between Los Robles & Lake.	New Counts	08/2001
Del Mar Blvd.	west of Arroyo Parkway	Ambassador Development Plan	2000
⑪ Del Mar Blvd.	west of Lake Ave.	New Counts	08/2001
Euclid Ave.	betw. Union St. and Colorado	Plaza Pasadena Renovation Project	04/1999
Fair Oaks Ave.	south of Green St.	Plaza Pasadena Renovation Project	04/1999
Fair Oaks Ave.	south of Walnut St.	Ambassador Development Plan	2000
Fair Oaks Ave.	north of Walnut St.	Ambassador Development Plan	2000
Green St.	betw. Arroyo Parkway & Marengo	Plaza Pasadena Renovation Project	04/1999
Los Robles Ave.	south of Green St.	Plaza Pasadena Renovation Project	04/1999
Los Robles Ave.	north of Colorado Blvd.	Plaza Pasadena Renovation Project	04/1999
Los Robles Ave.	between Walnut & Corson.	Plaza Pasadena Renovation Project	04/1999
Lake Ave.	south of Green St.	Plaza Pasadena Renovation Project	04/1999
Lake Ave.	between. Colorado & Union	Plaza Pasadena Renovation Project	04/1999
Lake Ave.	betw. Walnut & Corson .	Plaza Pasadena Renovation Project	04/1999
Maple St.	between Los Robles & Lake	New Counts	08/2001
Union St.	betw. Euclid and Los Robles	New Counts	08/2001
Walnut St.	west of Marengo Ave.	Ambassador Development Plan	2000
Walnut St.	west of Lake Ave.	New Counts	08/2001

ACCUTEK TRAFFIC DATA, INC.
 21114 TRIGGER LANE
 DIAMOND BAR, CA 91765
 PHONE (909)595-6199, FAX (909)595-6022

Site Code : 000353268011
 Start Date: 04/03/2003
 File I.D. : 326801NS
 Page : 1

Street name :MARENGO AVE. B/T WALNUT ST.& RAMONA ST.		Direction 1										Thursday
Begin	<-----	NB		-----><-----		SB		-----><-----		Combined		>----->
Time	A.M.	P.M.		A.M.		P.M.		A.M.		P.M.		
12:00	04/03	52	202	13	151	65	353					
12:15		28	188	11	161	39	349					
12:30		22	167	7	172	29	339					
12:45		21	123 184	741	12 43	188 672	33 166	372	1413			
01:00		22	211	4	185	26	396					
01:15		19	209	9	158	28	367					
01:30		28	194	11	158	39	352					
01:45		26	95 202	816	9 33	161 662	35 128	363	1478			
02:00		26	195	9	132	35	327					
02:15		13	220	8	159	21	379					
02:30		9	219	7	146	16	365					
02:45		8	56 188	822	4 28	154 591	12 84	342	1413			
03:00		6	238	4	156	10	394					
03:15		8	245	3	152	11	397					
03:30		9	218	6	157	15	375					
03:45		3	26 242	943	4 17	156 621	7 43	398	1564			
04:00		6	249	8	162	14	411					
04:15		4	254	6	136	10	390					
04:30		16	246	16	182	32	428					
04:45		9	35 230	979	32 62	192 672	41 97	422	1651			
05:00		12	323	32	181	44	504					
05:15		17	267	38	157	55	424					
05:30		30	292	72	183	102	475					
05:45		49	108 212	1094	98 240	160 681	147 348	372	1775			
06:00		37	245	65	165	102	410					
06:15		38	224	105	160	143	384					
06:30		58	205	127	144	185	349					
06:45		73	206 177	851	197 494	128 597	270 700	305	1448			
07:00		101	182	190	120	291	302					
07:15		126	169	269	109	395	278					
07:30		149	147	274	116	423	263					
07:45		187	563 150	648	333 1066	90 435	520 1629	240	1083			
08:00		171	155	256	96	427	251					
08:15		146	146	247	73	393	219					
08:30		150	135	245	67	395	202					
08:45		146	613 96	532	244 992	77 313	390 1605	173	845			
09:00		141	168	175	76	316	244					
09:15		144	111	184	64	328	175					
09:30		138	101	147	66	285	167					
09:45		124	547 117	497	164 670	82 288	288 1217	199	785			
10:00		144	98	140	71	284	169					
10:15		136	86	168	52	304	138					
10:30		135	90	146	54	281	144					
10:45		171	586 70	344	165 619	40 217	336 1205	110	561			
11:00		160	68	150	24	310	92					
11:15		172	56	148	23	320	79					
11:30		177	49	156	20	333	69					
11:45		170	679 42	215	149 603	17 84	319 1282	59	299			
Totals		3637	8482	4867	5833	8504	14315					
Day Totals			12119		10700		22819					
Split %		42.7%	59.2%	57.2%	40.7%							
Peak Hour	10:45		04:45		07:15		04:45		07:15		04:45	
Volume	680		1112		1132		713		1765		1825	
P.H.F.	.96		.86		.84		.92		.84		.90	