

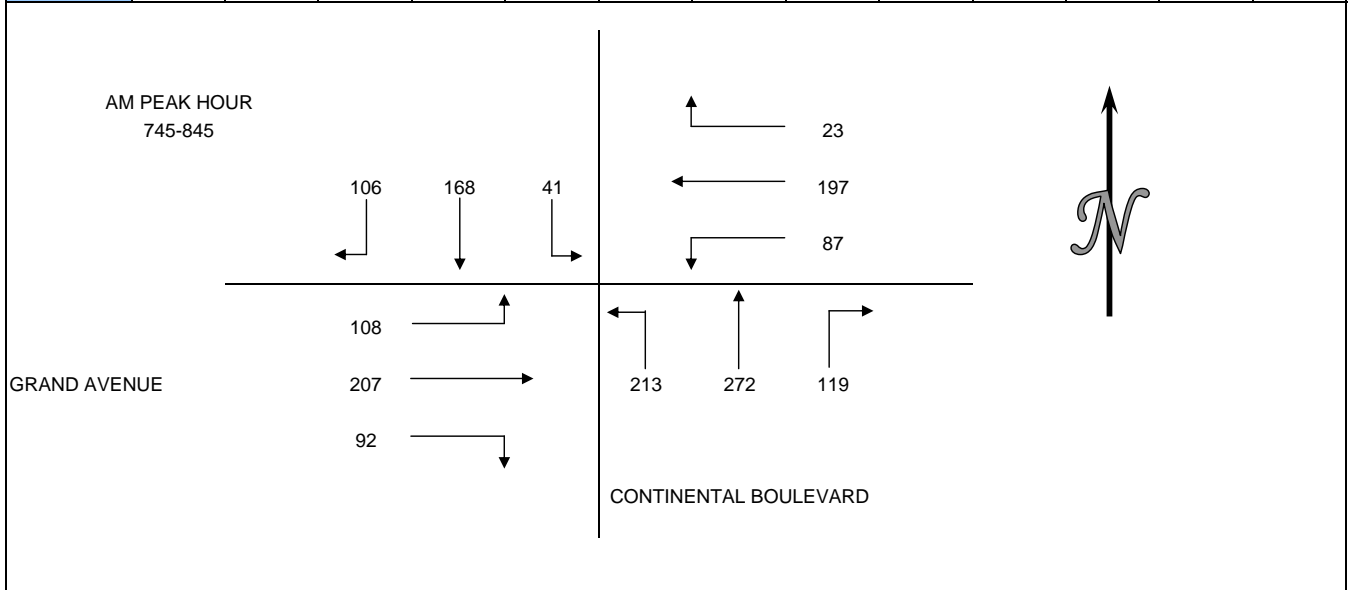
WILTEC

Phone: (925) 706-9911 Fax: (925) 706-9914

INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: TUESDAY, APRIL 24, 2007
 PERIOD: 7:00 AM TO 9:00 AM
 INTERSECTION: N/S CONTINENTAL BOULEVARD
 E/W GRAND AVENUE
 CITY: EL SEGUNDO

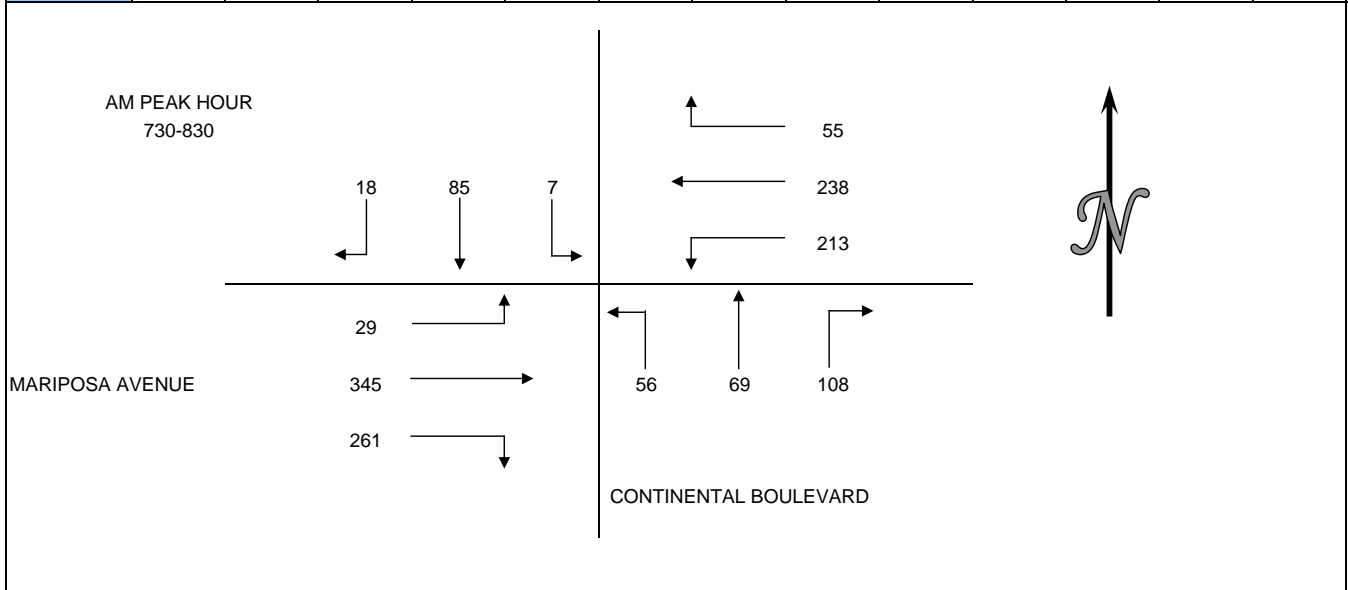
15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-715	8	20	6	6	29	11	6	58	29	12	48	22	255
715-730	15	23	7	7	28	15	14	47	25	10	38	21	250
730-745	15	27	11	2	44	14	17	61	34	16	40	13	294
745-800	30	45	3	2	61	20	18	67	53	28	48	19	394
800-815	23	34	6	7	51	19	26	79	54	25	60	32	416
815-830	28	39	16	6	40	19	45	72	56	19	57	37	434
830-845	25	50	16	8	45	29	30	54	50	20	42	20	389
845-900	15	38	10	6	56	24	34	67	60	23	38	23	394
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-800	68	115	27	17	162	60	55	233	141	66	174	75	1193
715-815	83	129	27	18	184	68	75	254	166	79	186	85	1354
730-830	96	145	36	17	196	72	106	279	197	88	205	101	1538
745-845	106	168	41	23	197	87	119	272	213	92	207	108	1633
800-900	91	161	48	27	192	91	135	272	220	87	197	112	1633



INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: TUESDAY, APRIL 24, 2007
 PERIOD: 7:00 AM TO 9:00 AM
 INTERSECTION: N/S CONTINENTAL BOULEVARD
 E/W MARIPOSA AVENUE
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-715	9	11	5	9	56	28	12	21	12	34	79	11	287
715-730	1	14	6	18	63	43	13	15	9	37	69	8	296
730-745	7	20	2	12	76	39	16	13	16	61	81	9	352
745-800	3	23	2	15	62	57	22	18	13	81	89	10	395
800-815	4	21	3	10	51	67	33	23	13	56	86	7	374
815-830	4	21	0	18	49	50	37	15	14	63	89	3	363
830-845	4	30	1	10	39	52	25	21	10	62	69	8	331
845-900	1	30	2	12	53	51	25	17	20	52	61	13	337
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-800	20	68	15	54	257	167	63	67	50	213	318	38	1330
715-815	15	78	13	55	252	206	84	69	51	235	325	34	1417
730-830	18	85	7	55	238	213	108	69	56	261	345	29	1484
745-845	15	95	6	53	201	226	117	77	50	262	333	28	1463
800-900	13	102	6	50	192	220	120	76	57	233	305	31	1405



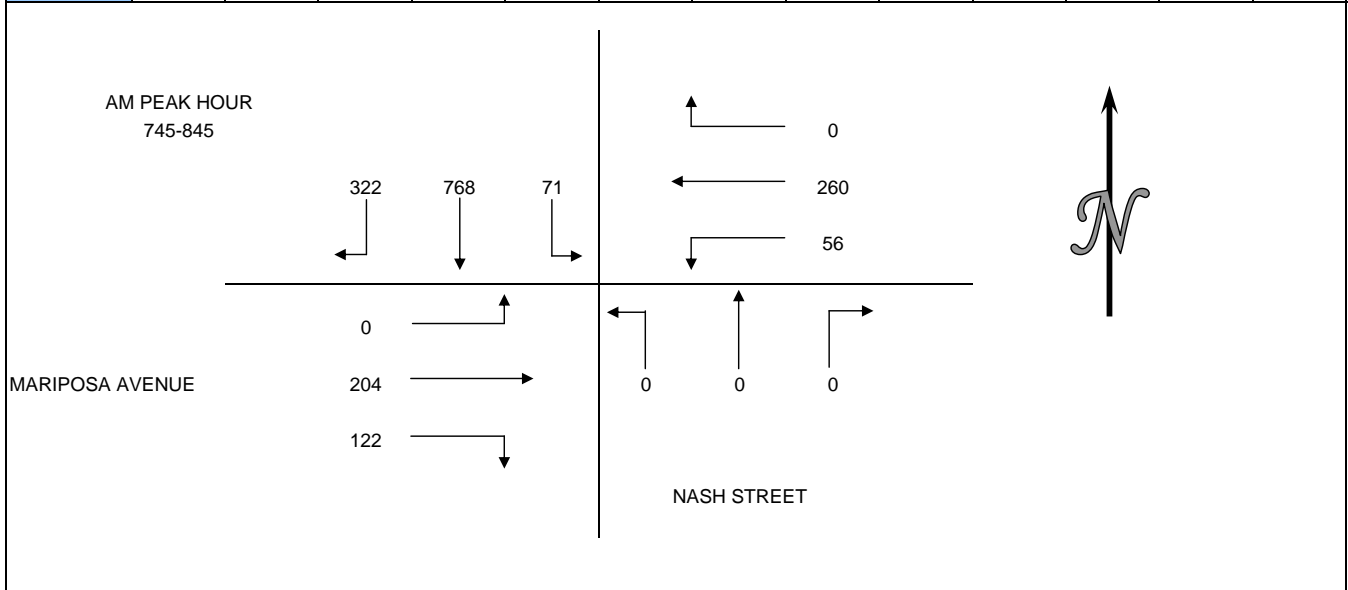
WILTEC

Phone: (925) 706-9911 Fax: (925) 706-9914

INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: TUESDAY, APRIL 24, 2007
 PERIOD: 7:00 AM TO 9:00 AM
 INTERSECTION: N/S NASH STREET
 E/W MARIPOSA AVENUE
 CITY: EL SEGUNDO

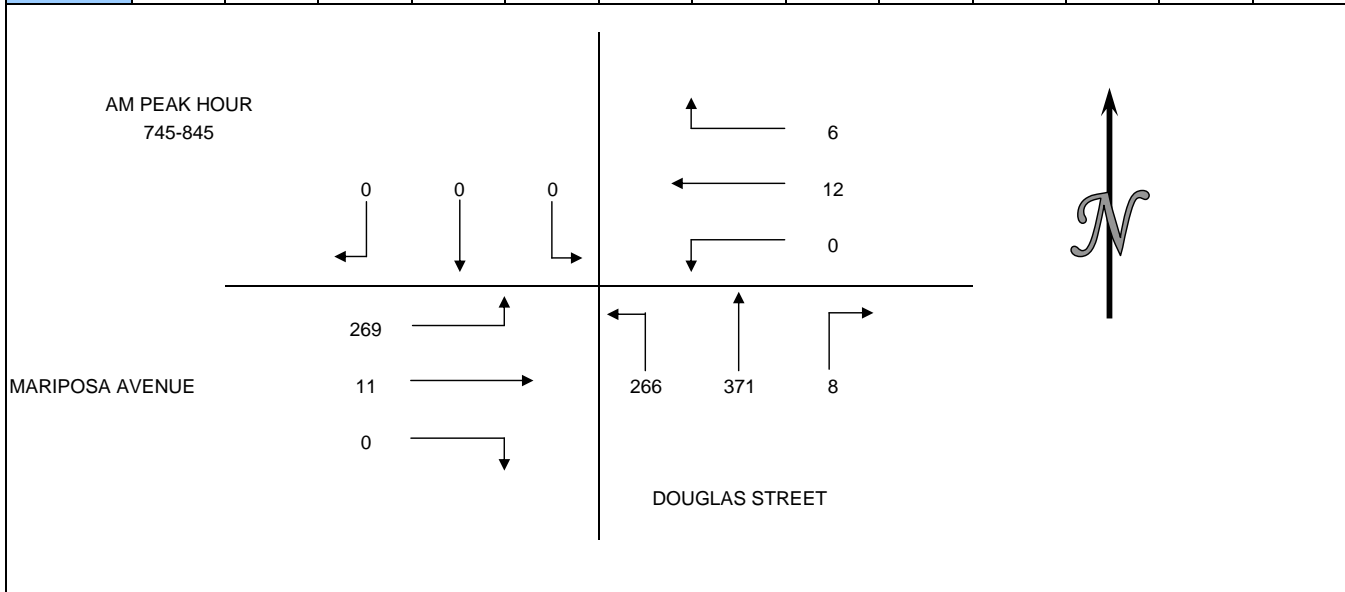
15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-715	46	141	37	0	53	6	0	0	0	26	51	0	360
715-730	67	136	16	0	73	10	0	0	0	24	49	0	375
730-745	64	181	18	0	84	9	0	0	0	27	39	0	422
745-800	87	201	17	0	73	16	0	0	0	39	41	0	474
800-815	80	173	13	0	64	6	0	0	0	22	53	0	411
815-830	83	199	22	0	70	13	0	0	0	38	56	0	481
830-845	72	195	19	0	53	21	0	0	0	23	54	0	437
845-900	61	193	17	0	40	14	0	0	0	18	35	0	378
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-800	264	659	88	0	283	41	0	0	0	116	180	0	1631
715-815	298	691	64	0	294	41	0	0	0	112	182	0	1682
730-830	314	754	70	0	291	44	0	0	0	126	189	0	1788
745-845	322	768	71	0	260	56	0	0	0	122	204	0	1803
800-900	296	760	71	0	227	54	0	0	0	101	198	0	1707



INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: TUESDAY, APRIL 24, 2007
 PERIOD: 7:00 AM TO 9:00 AM
 INTERSECTION: N/S DOUGLAS STREET
 E/W MARIPOSA AVENUE
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-715	0	0	0	2	4	0	3	88	63	0	10	51	221
715-730	0	0	0	1	4	0	2	78	84	0	3	58	230
730-745	0	0	0	2	3	0	1	65	98	0	5	39	213
745-800	0	0	0	1	1	0	2	91	58	0	0	62	215
800-815	0	0	0	2	4	0	4	89	73	0	4	70	246
815-830	0	0	0	2	4	0	2	89	66	0	3	68	234
830-845	0	0	0	1	3	0	0	102	69	0	4	69	248
845-900	0	0	0	0	1	0	1	85	42	0	1	54	184
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-800	0	0	0	6	12	0	8	322	303	0	18	210	879
715-815	0	0	0	6	12	0	9	323	313	0	12	229	904
730-830	0	0	0	7	12	0	9	334	295	0	12	239	908
745-845	0	0	0	6	12	0	8	371	266	0	11	269	943
800-900	0	0	0	5	12	0	7	365	250	0	12	261	912



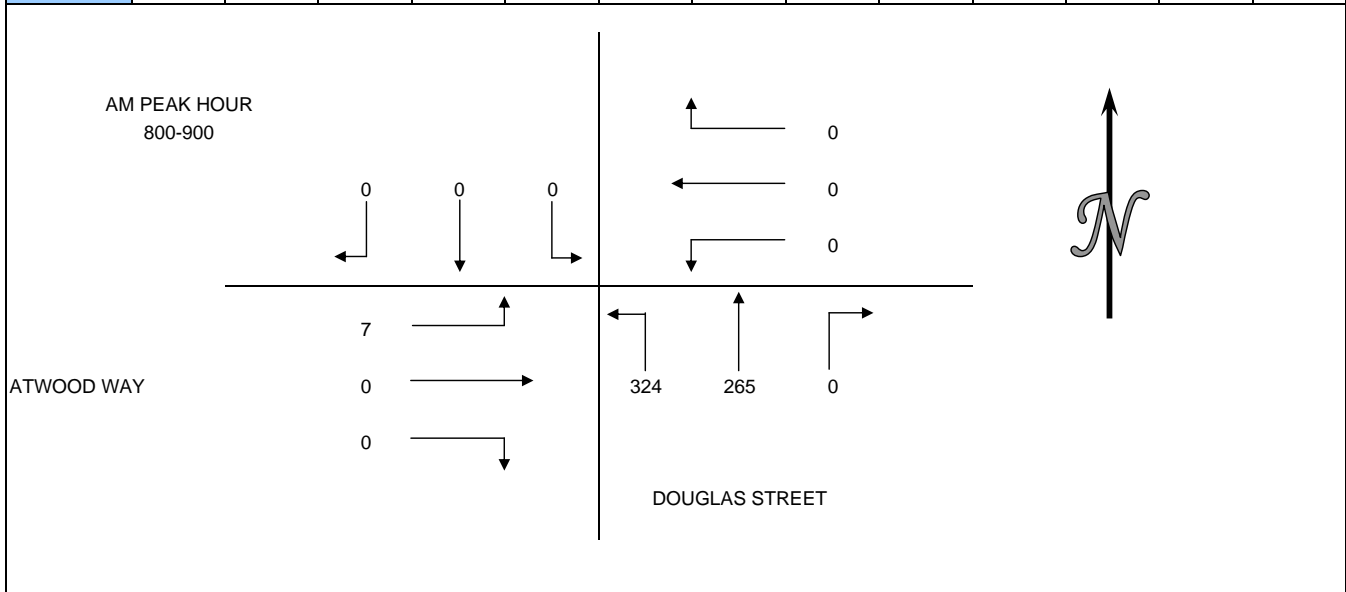
WILTEC

Phone: (925) 706-9911 Fax: (925) 706-9914

INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: TUESDAY, APRIL 24, 2007
 PERIOD: 7:00 AM TO 9:00 AM
 INTERSECTION: N/S DOUGLAS STREET
 E/W ATWOOD WAY
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-715	0	0	0	0	0	0	0	35	37	0	0	1	73
715-730	0	0	0	0	0	0	0	58	63	0	0	3	124
730-745	0	0	0	0	0	0	0	56	49	0	0	3	108
745-800	0	0	0	0	0	0	0	62	61	0	0	2	125
800-815	0	0	0	0	0	0	0	66	80	0	0	2	148
815-830	0	0	0	0	0	0	0	65	86	0	0	3	154
830-845	0	0	0	0	0	0	0	67	74	0	0	1	142
845-900	0	0	0	0	0	0	0	67	84	0	0	1	152
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
700-800	0	0	0	0	0	0	0	211	210	0	0	9	430
715-815	0	0	0	0	0	0	0	242	253	0	0	10	505
730-830	0	0	0	0	0	0	0	249	276	0	0	10	535
745-845	0	0	0	0	0	0	0	260	301	0	0	8	569
800-900	0	0	0	0	0	0	0	265	324	0	0	7	596



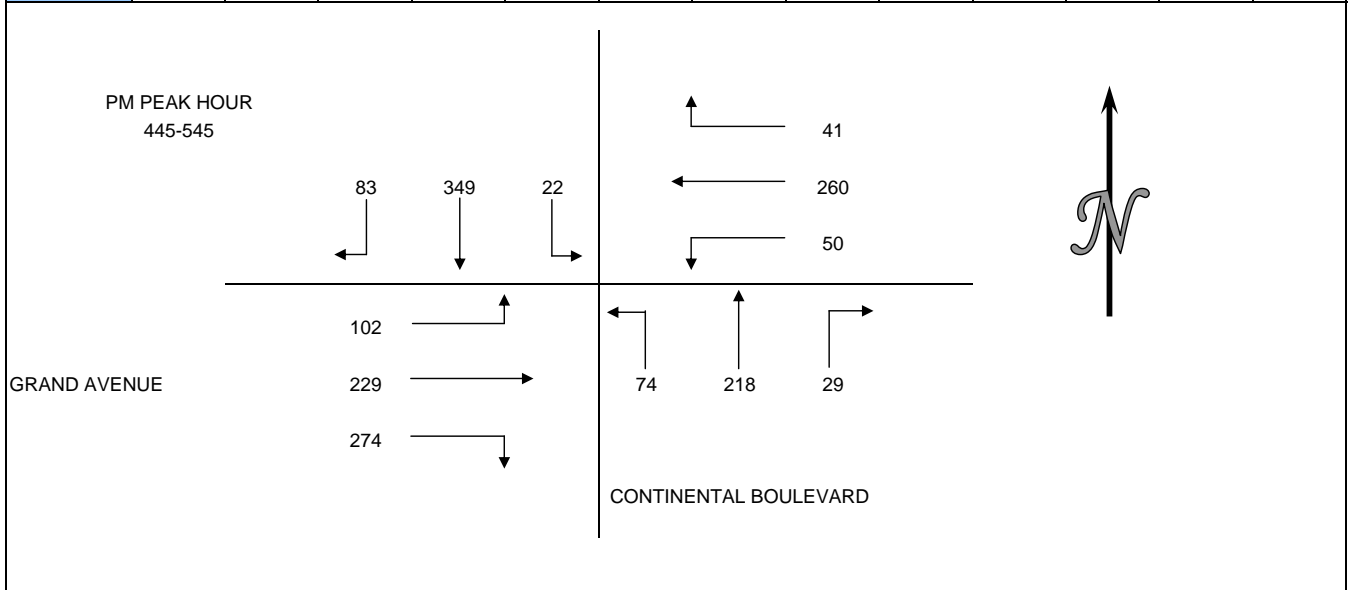
WILTEC

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INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: WEDNESDAY APRIL 18, 2007
 PERIOD: 4:00 PM TO 6:00 PM
 INTERSECTION: N/S CONTINENTAL BOULEVARD
 E/W GRAND AVENUE
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-415	18	67	4	6	41	11	9	53	17	22	37	17	302
415-430	11	55	3	12	45	11	5	52	10	47	34	29	314
430-445	15	81	8	9	48	9	13	66	20	47	41	17	374
445-500	14	69	6	10	68	11	4	47	17	64	45	20	375
500-515	27	105	6	12	80	14	12	53	24	77	64	35	509
515-530	20	84	5	9	40	17	4	61	16	64	73	20	413
530-545	22	91	5	10	72	8	9	57	17	69	47	27	434
545-600	16	83	3	9	59	7	7	50	9	58	53	16	370
HOURLY TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-500	58	272	21	37	202	42	31	218	64	180	157	83	1365
415-515	67	310	23	43	241	45	34	218	71	235	184	101	1572
430-530	76	339	25	40	236	51	33	227	77	252	223	92	1671
445-545	83	349	22	41	260	50	29	218	74	274	229	102	1731
500-600	85	363	19	40	251	46	32	221	66	268	237	98	1726



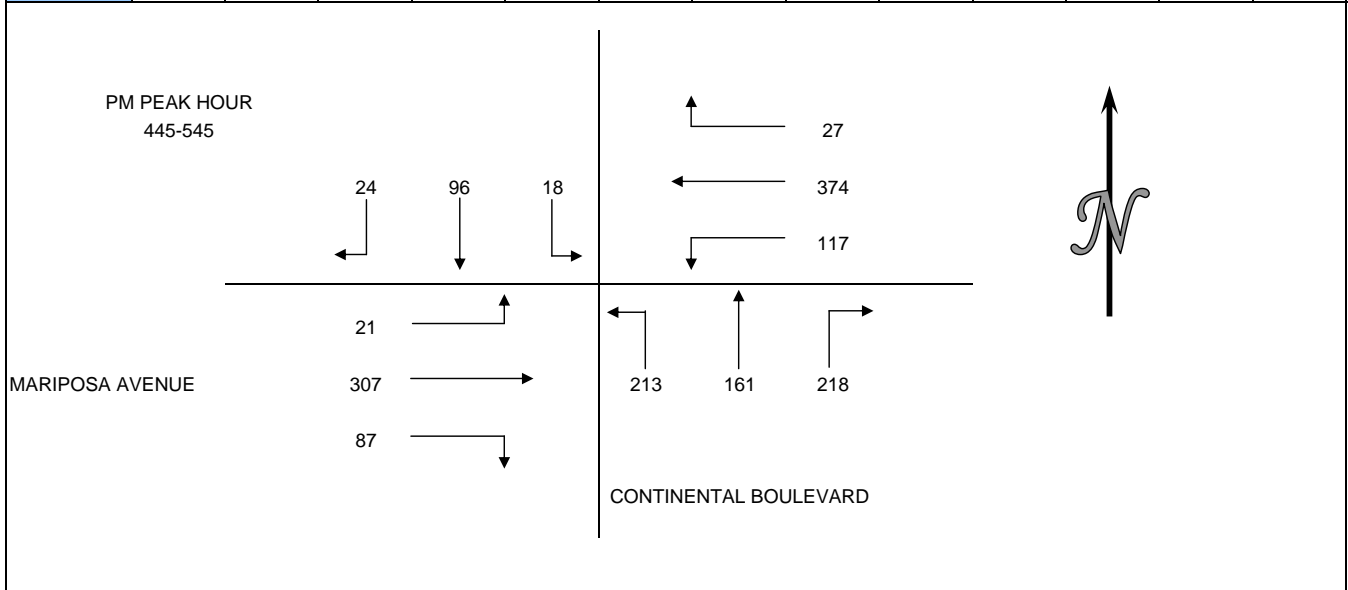
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INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: WEDNESDAY APRIL 18, 2007
 PERIOD: 4:00 PM TO 6:00 PM
 INTERSECTION: N/S CONTINENTAL BOULEVARD
 E/W MARIPOSA AVENUE
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-415	13	19	4	4	100	20	50	50	36	22	86	7	411
415-430	7	15	5	7	60	18	36	34	44	15	76	9	326
430-445	8	30	11	8	70	16	47	32	48	20	75	6	371
445-500	9	21	2	8	91	30	49	35	30	27	91	5	398
500-515	3	28	6	5	102	34	57	48	67	25	87	6	468
515-530	5	27	6	10	83	30	56	35	49	11	62	3	377
530-545	7	20	4	4	98	23	56	43	67	24	67	7	420
545-600	9	30	6	7	69	14	47	26	40	21	70	0	339
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-500	37	85	22	27	321	84	182	151	158	84	328	27	1506
415-515	27	94	24	28	323	98	189	149	189	87	329	26	1563
430-530	25	106	25	31	346	110	209	150	194	83	315	20	1614
445-545	24	96	18	27	374	117	218	161	213	87	307	21	1663
500-600	24	105	22	26	352	101	216	152	223	81	286	16	1604



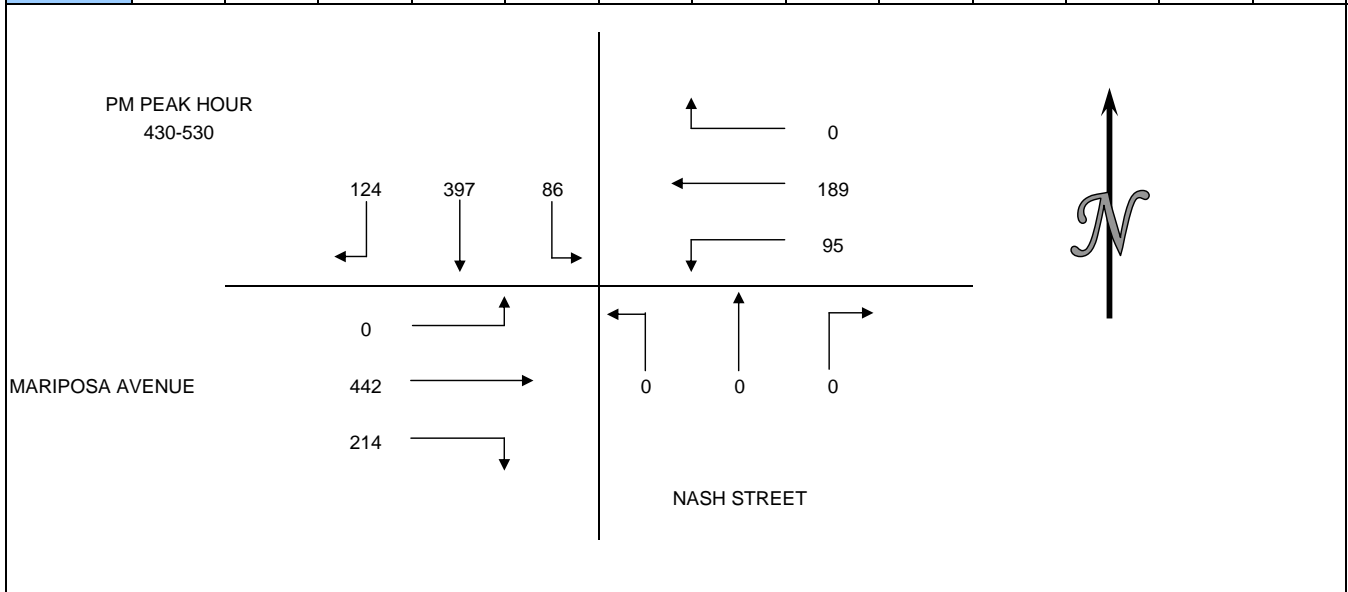
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INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: WEDNESDAY APRIL 18, 2007
 PERIOD: 4:00 PM TO 6:00 PM
 INTERSECTION: N/S NASH STREET
 E/W MARIPOSA AVENUE
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-415	28	59	15	0	70	28	0	0	0	37	82	0	319
415-430	20	64	19	0	62	23	0	0	0	43	80	0	311
430-445	38	101	26	0	36	22	0	0	0	64	119	0	406
445-500	27	89	15	0	52	29	0	0	0	28	87	0	327
500-515	24	95	26	0	54	16	0	0	0	75	130	0	420
515-530	35	112	19	0	47	28	0	0	0	47	106	0	394
530-545	24	115	26	0	64	11	0	0	0	45	96	0	381
545-600	27	97	20	0	53	19	0	0	0	57	78	0	351
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-500	113	313	75	0	220	102	0	0	0	172	368	0	1363
415-515	109	349	86	0	204	90	0	0	0	210	416	0	1464
430-530	124	397	86	0	189	95	0	0	0	214	442	0	1547
445-545	110	411	86	0	217	84	0	0	0	195	419	0	1522
500-600	110	419	91	0	218	74	0	0	0	224	410	0	1546



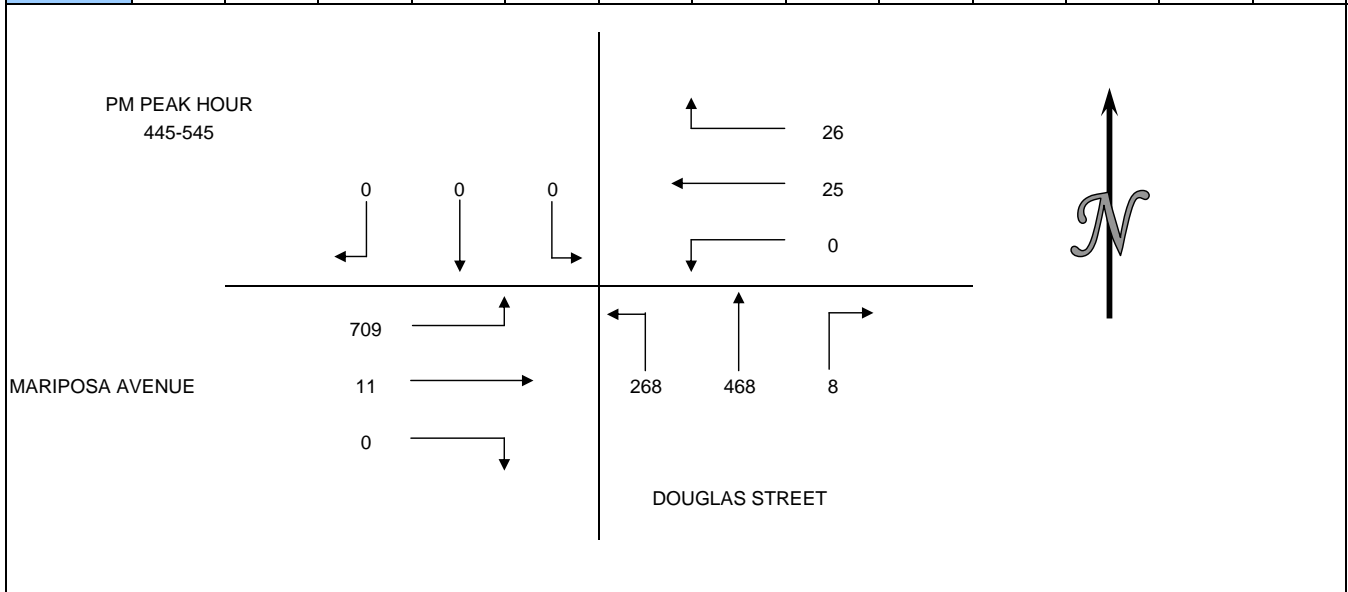
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INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: WEDNESDAY APRIL 18, 2007
 PERIOD: 4:00 PM TO 6:00 PM
 INTERSECTION: N/S DOUGLAS STREET
 E/W MARIPOSA AVENUE
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-415	0	0	0	7	9	0	0	123	81	0	1	123	344
415-430	0	0	0	7	7	0	0	128	55	0	0	113	310
430-445	0	0	0	6	6	0	1	128	55	0	0	166	362
445-500	0	0	0	7	10	0	4	120	68	0	1	154	364
500-515	0	0	0	4	4	0	0	136	77	0	1	199	421
515-530	0	0	0	6	9	0	4	100	50	0	5	178	352
530-545	0	0	0	9	2	0	0	112	73	0	4	178	378
545-600	0	0	0	4	6	0	1	120	60	0	1	135	327
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-500	0	0	0	27	32	0	5	499	259	0	2	556	1380
415-515	0	0	0	24	27	0	5	512	255	0	2	632	1457
430-530	0	0	0	23	29	0	9	484	250	0	7	697	1499
445-545	0	0	0	26	25	0	8	468	268	0	11	709	1515
500-600	0	0	0	23	21	0	5	468	260	0	11	690	1478



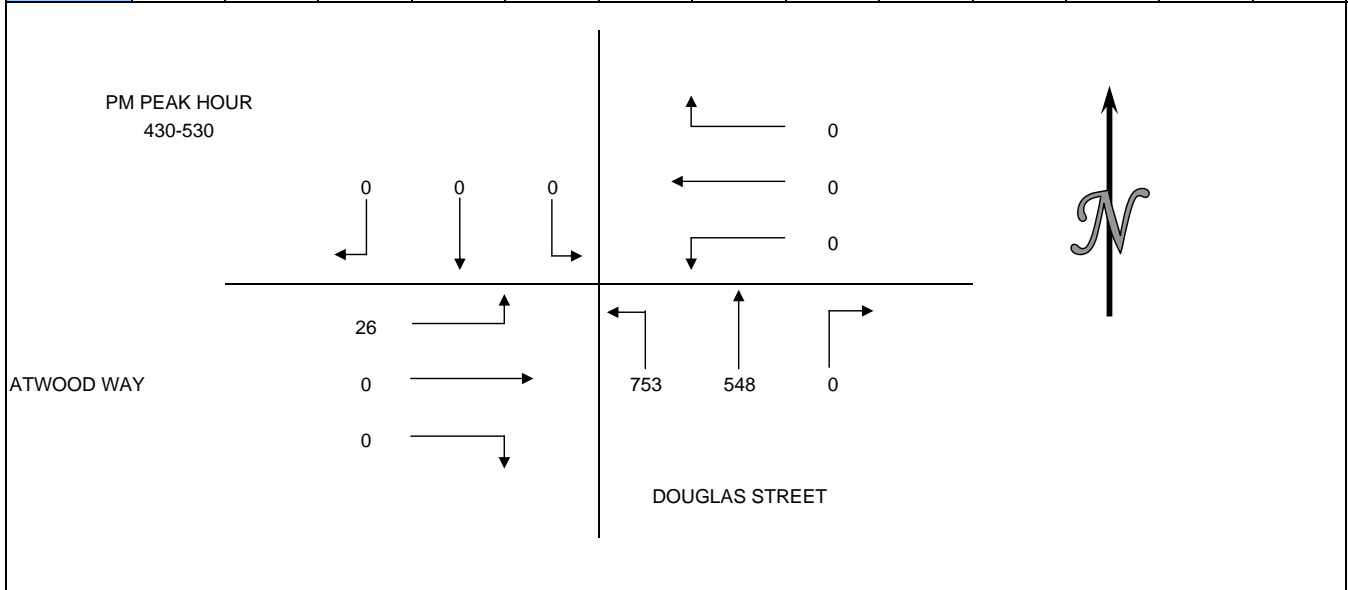
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INTERSECTION TURNING MOVEMENT COUNT SUMMARY

CLIENT: MEYER, MOHADDES ASSOCIATES
 PROJECT: EL SEGUNDO TRAFFIC COUNTS
 DATE: WEDNESDAY APRIL 18, 2007
 PERIOD: 4:00 PM TO 6:00 PM
 INTERSECTION: N/S DOUGLAS STREET
 E/W ATWOOD WAY
 CITY: EL SEGUNDO

15 MIN COUNTS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-415	0	0	0	0	0	0	0	112	206	0	0	10	328
415-430	0	0	0	0	0	0	0	102	165	0	0	5	272
430-445	0	0	0	0	0	0	0	152	222	0	0	2	376
445-500	0	0	0	0	0	0	0	100	162	0	0	9	271
500-515	0	0	0	0	0	0	0	160	188	0	0	7	355
515-530	0	0	0	0	0	0	0	136	181	0	0	8	325
530-545	0	0	0	0	0	0	0	131	166	0	0	7	304
545-600	0	0	0	0	0	0	0	114	188	0	0	0	302
HOUR TOTALS													
PERIOD	1 SBRT	2 SBTH	3 SBLT	4 WBRT	5 WBTH	6 WBLT	7 NBRT	8 NBTH	9 NBLT	10 EBRT	11 EBTH	12 EBLT	TOTAL
400-500	0	0	0	0	0	0	0	466	755	0	0	26	1247
415-515	0	0	0	0	0	0	0	514	737	0	0	23	1274
430-530	0	0	0	0	0	0	0	548	753	0	0	26	1327
445-545	0	0	0	0	0	0	0	527	697	0	0	31	1255
500-600	0	0	0	0	0	0	0	541	723	0	0	22	1286



 Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
 Existing AM

 Impact Analysis Report
 Level Of Service

Intersection	Base		Future		Change in
	Del/ LOS Veh	V/ C	Del/ LOS Veh	V/ C	
# 2 Continental Blvd / Grand Ave	A xxxxx	0.272	A xxxxx	0.272	+ 0.000 V/C
# 3 Continental Blvd / Mariposa Av	A xxxxx	0.396	A xxxxx	0.396	+ 0.000 V/C
# 4 Nash St / Mariposa Ave	A xxxxx	0.313	A xxxxx	0.313	+ 0.000 V/C
# 5 Douglas St / Mariposa Ave	A xxxxx	0.176	A xxxxx	0.176	+ 0.000 V/C
# 6 Douglas St / Atwood Wy	A xxxxx	0.103	A xxxxx	0.103	+ 0.000 V/C

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing AM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Continental Blvd / Grand Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.272

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 26 Level Of Service: A

Approach:	North Bound				South Bound				East Bound				West Bound							
Movement:	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R
Control:	Permitted				Protected				Protected				Protected							
Rights:	Include				Include				Include				Include							
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0	1	1	1	0	1	0	2	1	0	1	0	2	1	0	1	0	2	1	0

Volume Module:

Base Vol:	213	272	119	41	168	106	108	207	92	87	197	23
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	213	272	119	41	168	106	108	207	92	87	197	23
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	213	272	119	41	168	106	108	207	92	87	197	23
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	213	272	119	41	168	106	108	207	92	87	197	23
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	213	272	119	41	168	106	108	207	92	87	197	23

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.41	0.59	1.00	2.00	1.00	1.00	2.08	0.92	1.00	2.69	0.31
Final Sat.:	1600	2254	946	1600	3200	1600	1600	3323	1477	1600	4298	502

Capacity Analysis Module:

Vol/Sat:	0.13	0.12	0.13	0.03	0.05	0.07	0.07	0.06	0.06	0.05	0.05	0.05
Crit Moves:	****			****			****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing AM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Continental Blvd / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.396

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 38 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1	0	1	0	1	0	2	1	0	1	0	1

Volume Module:

Base Vol:	56	69	108	7	85	18	29	345	261	213	238	55
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	56	69	108	7	85	18	29	345	261	213	238	55
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	69	108	7	85	18	29	345	261	213	238	55
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	69	108	7	85	18	29	345	261	213	238	55
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	56	69	108	7	85	18	29	345	261	213	238	55

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	2.00	1.00	0.83	0.17	1.00	2.00	1.00	1.00	1.62	0.38
Final Sat.:	1600	1600	3200	1600	1320	280	1600	3200	1600	1600	2599	601

Capacity Analysis Module:

Vol/Sat:	0.04	0.04	0.03	0.00	0.06	0.06	0.02	0.11	0.16	0.13	0.09	0.09
Crit Moves:	****			****			****		****	****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing AM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Nash St / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.313

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 27 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0	0	0	0	1	2	0	1	0	1	0	2

Volume Module:

Base Vol:	0	0	0	71	768	322	0	204	122	56	260	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	71	768	322	0	204	122	56	260	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	71	768	322	0	204	122	56	260	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	71	768	322	0	204	122	56	260	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	71	768	322	0	204	122	56	260	0

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.24	2.76	1.00	0.00	2.00	1.00	1.00	2.00	0.00
Final Sat.:	0	0	0	391	4409	1600	0	3200	1600	1600	3200	0

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.04	0.17	0.20	0.00	0.06	0.08	0.04	0.08	0.00
Crit Moves:						****			****	****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing AM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Douglas St / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.176

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 23 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1	1	4	0	0	0	1	1	0	0	0	1

Volume Module:

Base Vol:	266	371	8	0	0	0	269	11	0	0	12	6
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	266	371	8	0	0	0	269	11	0	0	12	6
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	266	371	8	0	0	0	269	11	0	0	12	6
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	266	371	8	0	0	0	269	11	0	0	12	6
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	266	371	8	0	0	0	269	11	0	0	12	6

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	4.00	1.00	0.00	0.00	0.00	1.92	0.08	0.00	0.00	1.33	0.67
Final Sat.:	3200	6400	1600	0	0	0	3074	126	0	0	2133	1067

Capacity Analysis Module:

Vol/Sat:	0.08	0.06	0.01	0.00	0.00	0.00	0.09	0.09	0.00	0.00	0.01	0.01
Crit Moves:	****						****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing AM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #6 Douglas St / Atwood Wy

Cycle (sec): 100 Critical Vol./Cap. (X): 0.103

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 21 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2	0	4	0	0	0	2	0	0	0	0	0

Volume Module:

Base Vol:	324	265	0	0	0	0	7	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	324	265	0	0	0	0	7	0	0	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	324	265	0	0	0	0	7	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	324	265	0	0	0	0	7	0	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	324	265	0	0	0	0	7	0	0	0	0	0

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	4.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
Final Sat.:	3200	6400	0	0	0	0	3200	0	0	0	0	0

Capacity Analysis Module:

Vol/Sat:	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crit Moves:	****			****			****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Impact Analysis Report
Level Of Service

Intersection	Base		Future		Change in
	Del/ LOS Veh	V/ C	Del/ LOS Veh	V/ C	
# 2 Continental Blvd / Grand Ave	A xxxxx	0.292	A xxxxx	0.433	+ 0.141 V/C
# 3 Continental Blvd / Mariposa Av	A xxxxx	0.363	A xxxxx	0.363	+ 0.000 V/C
# 4 Nash St / Mariposa Ave	A xxxxx	0.292	A xxxxx	0.401	+ 0.108 V/C
# 5 Douglas St / Mariposa Ave	A xxxxx	0.324	A xxxxx	0.433	+ 0.108 V/C
# 6 Douglas St / Atwood Wy	A xxxxx	0.243	A xxxxx	0.352	+ 0.108 V/C

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #2 Continental Blvd / Grand Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.292

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 29 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0	1	1	1	0	2	1	0	2	1	0	2

Volume Module:

Base Vol:	74	218	29	22	349	83	102	229	274	50	260	41
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	74	218	29	22	349	83	102	229	274	50	260	41
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	74	218	29	22	349	83	102	229	274	50	260	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	74	218	29	22	349	83	102	229	274	50	260	41
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	74	218	29	22	349	83	102	229	274	50	260	41

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.69	2.04	0.27	1.00	2.42	0.58	1.00	2.00	1.00	1.00	2.59	0.41
Final Sat.:	1107	3260	434	1600	3878	922	1600	3200	1600	1600	4146	654

Capacity Analysis Module:

Vol/Sat:	0.05	0.07	0.07	0.01	0.09	0.09	0.06	0.07	0.17	0.03	0.06	0.06
Crit Moves:				****					****	****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #2 Continental Blvd / Grand Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.433

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 37 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0	1	1	1	0	0	1	0	2	1	0	0

Volume Module:

Base Vol:	74	218	29	22	349	83	102	229	274	50	260	41
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	74	218	29	22	349	83	102	229	274	50	260	41
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Project Vol:	0	0	0	0	0	0	347	0	0	0	0	0
Initial Fut:	74	218	29	22	349	83	449	229	274	50	260	41
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	74	218	29	22	349	83	449	229	274	50	260	41
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	74	218	29	22	349	83	449	229	274	50	260	41
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	74	218	29	22	349	83	449	229	274	50	260	41

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.69	2.04	0.27	1.00	2.42	0.58	1.00	2.00	1.00	1.00	2.59	0.41
Final Sat.:	1107	3260	434	1600	3878	922	1600	3200	1600	1600	4146	654

Capacity Analysis Module:

Vol/Sat:	0.05	0.07	0.07	0.01	0.09	0.09	0.28	0.07	0.17	0.03	0.06	0.06
Crit Moves:				****			****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #3 Continental Blvd / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.363

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 36 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1	0	1	0	1	0	2	1	0	1	0	1

Volume Module:

Base Vol:	213	161	218	18	96	24	21	307	87	117	374	27
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	213	161	218	18	96	24	21	307	87	117	374	27
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	213	161	218	18	96	24	21	307	87	117	374	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	213	161	218	18	96	24	21	307	87	117	374	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	213	161	218	18	96	24	21	307	87	117	374	27

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	2.00	1.00	0.80	0.20	1.00	2.34	0.66	1.00	1.87	0.13
Final Sat.:	1600	1600	3200	1600	1280	320	1600	3740	1060	1600	2985	215

Capacity Analysis Module:

Vol/Sat:	0.13	0.10	0.07	0.01	0.08	0.08	0.01	0.08	0.08	0.07	0.13	0.13
Crit Moves:	****			****			****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Continental Blvd / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.363

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 36 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1	0	1	0	1	0	2	1	0	1	0	1

Volume Module:

Base Vol:	213	161	218	18	96	24	21	307	87	117	374	27
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	213	161	218	18	96	24	21	307	87	117	374	27
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Project Vol:	0	0	347	0	0	0	0	0	0	0	0	0
Initial Fut:	213	161	565	18	96	24	21	307	87	117	374	27
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	213	161	565	18	96	24	21	307	87	117	374	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	213	161	565	18	96	24	21	307	87	117	374	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	213	161	565	18	96	24	21	307	87	117	374	27

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	2.00	1.00	0.80	0.20	1.00	2.34	0.66	1.00	1.87	0.13
Final Sat.:	1600	1600	3200	1600	1280	320	1600	3740	1060	1600	2985	215

Capacity Analysis Module:

Vol/Sat:	0.13	0.10	0.18	0.01	0.08	0.08	0.01	0.08	0.08	0.07	0.13	0.13
Crit Moves:	****				****		****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #4 Nash St / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.292

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 26 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0	0	0	0	1	2	0	1	0	1	0	2

Volume Module:

Base Vol:	0	0	0	86	397	124	0	442	214	95	189	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	86	397	124	0	442	214	95	189	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	86	397	124	0	442	214	95	189	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	86	397	124	0	442	214	95	189	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	86	397	124	0	442	214	95	189	0

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.57	2.61	0.82	0.00	2.00	1.00	1.00	2.00	0.00
Final Sat.:	0	0	0	907	4186	1307	0	3200	1600	1600	3200	0

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.05	0.09	0.09	0.00	0.14	0.13	0.06	0.06	0.00
Crit Moves:				****			****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #4 Nash St / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.401

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 31 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0	0	0	0	1	2	0	1	0	1	0	2

Volume Module:

Base Vol:	0	0	0	86	397	124	0	442	214	95	189	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	86	397	124	0	442	214	95	189	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Project Vol:	0	0	0	0	0	0	0	347	0	0	0	0
Initial Fut:	0	0	0	86	397	124	0	789	214	95	189	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	86	397	124	0	789	214	95	189	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	86	397	124	0	789	214	95	189	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	86	397	124	0	789	214	95	189	0

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.57	2.61	0.82	0.00	2.00	1.00	1.00	2.00	0.00
Final Sat.:	0	0	0	907	4186	1307	0	3200	1600	1600	3200	0

Capacity Analysis Module:

Vol/Sat:	0.00	0.00	0.00	0.05	0.09	0.09	0.00	0.25	0.13	0.06	0.06	0.00
Crit Moves:				****			****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #5 Douglas St / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.324

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 28 Level Of Service: A

Approach:	North Bound				South Bound				East Bound				West Bound							
Movement:	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R
Control:	Permitted				Permitted				Protected				Protected							
Rights:	Include				Include				Include				Include							
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1	1	4	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0

Volume Module:

Base Vol:	268	468	8	0	0	0	709	11	0	0	25	26
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	268	468	8	0	0	0	709	11	0	0	25	26
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	268	468	8	0	0	0	709	11	0	0	25	26
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	268	468	8	0	0	0	709	11	0	0	25	26
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	268	468	8	0	0	0	709	11	0	0	25	26

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	4.00	1.00	0.00	0.00	0.00	1.97	0.03	0.00	0.00	1.00	1.00
Final Sat.:	3200	6400	1600	0	0	0	3151	49	0	0	1600	1600

Capacity Analysis Module:

Vol/Sat:	0.08	0.07	0.01	0.00	0.00	0.00	0.23	0.22	0.00	0.00	0.02	0.02
Crit Moves:	****						****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 Douglas St / Mariposa Ave

Cycle (sec): 100 Critical Vol./Cap. (X): 0.433

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 33 Level Of Service: A

Approach:	North Bound				South Bound				East Bound				West Bound							
Movement:	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R
Control:	Permitted				Permitted				Protected				Protected							
Rights:	Include				Include				Include				Include							
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1	1	4	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0

Volume Module:

Base Vol:	268	468	8	0	0	0	709	11	0	0	25	26
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	268	468	8	0	0	0	709	11	0	0	25	26
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Project Vol:	0	0	0	0	0	0	347	0	0	0	0	0
Initial Fut:	268	468	8	0	0	0	1056	11	0	0	25	26
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	268	468	8	0	0	0	1056	11	0	0	25	26
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	268	468	8	0	0	0	1056	11	0	0	25	26
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	268	468	8	0	0	0	1056	11	0	0	25	26

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	4.00	1.00	0.00	0.00	0.00	1.98	0.02	0.00	0.00	1.00	1.00
Final Sat.:	3200	6400	1600	0	0	0	3167	33	0	0	1600	1600

Capacity Analysis Module:

Vol/Sat:	0.08	0.07	0.01	0.00	0.00	0.00	0.33	0.33	0.00	0.00	0.02	0.02
Crit Moves:	****						****			****		

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #6 Douglas St / Atwood Wy

Cycle (sec): 100 Critical Vol./Cap. (X): 0.243
Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 25 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2	0	4	0	0	0	2	0	0	0	0	0

Volume Module:

Base Vol:	753	548	0	0	0	0	26	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	753	548	0	0	0	0	26	0	0	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	753	548	0	0	0	0	26	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	753	548	0	0	0	0	26	0	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	753	548	0	0	0	0	26	0	0	0	0	0

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	4.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
Final Sat.:	3200	6400	0	0	0	0	3200	0	0	0	0	0

Capacity Analysis Module:

Vol/Sat:	0.24	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Crit Moves:	****						****					

Chevron El Segundo Refinery Construction Worker Parking-Commute Plan
Existing PM

Level Of Service Computation Report

ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #6 Douglas St / Atwood Wy

Cycle (sec): 100 Critical Vol./Cap. (X): 0.352

Loss Time (sec): 0 (Y+R = 4 sec) Average Delay (sec/veh): xxxxxx

Optimal Cycle: 29 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2	0	4	0	0	0	2	0	0	0	0	0

Volume Module:

Base Vol:	753	548	0	0	0	0	26	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	753	548	0	0	0	0	26	0	0	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Project Vol:	347	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	1100	548	0	0	0	0	26	0	0	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	1100	548	0	0	0	0	26	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	1100	548	0	0	0	0	26	0	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	1100	548	0	0	0	0	26	0	0	0	0	0

Saturation Flow Module:

Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	4.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
Final Sat.:	3200	6400	0	0	0	0	3200	0	0	0	0	0

Capacity Analysis Module:

Vol/Sat:	0.34	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Crit Moves:	****						****					
