



City Of Los Angeles  
Department Of Transportation  
**MANUAL TRAFFIC COUNT SUMMARY**

104

STREET: North/South Union Ave  
East/West Olympic Blvd  
Day: Thursday Date: April 7, 2011 Weather: SUNNY  
Hours: 3-730PM 8-11PM Checkis: 0  
School Day: YES District: 0 I/S CODE 0

	N/B	S/B	E/B	W/B
<b>DUAL- WHEELED</b>	0	0	0	0
<b>BIKES</b>	42	25	25	47
<b>BUSES</b>	51	58	95	76

  

	N/B TIME	S/B TIME	E/B TIME	W/B TIME
<i>NOON PK 15 MIN</i>	162 17.15	222 17.00	370 16.45	353 17.15
<i>PM PK 15 MIN</i>	63 21.30	121 21.00	165 21.00	121 21.00
<i>NOON PK HOUR</i>	590 16.30	845 16.30	1339 16.30	1103 16.30
<i>PM PK HOUR</i>	223 21.00	356 21.00	574 21.00	428 21.00

**NORTHBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	65	471	46	582
16-17	53	454	38	545
17-18	71	534	40	645
18-19	90	532	33	655
19-20	36	212	16	264
20-21	50	196	22	268
21-22	55	153	15	223
22-23	36	100	16	152
<b>TOTAL</b>	<b>456</b>	<b>2652</b>	<b>226</b>	<b>3334</b>

**SOUTHBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	84	490	132	706
16-17	75	539	142	756
17-18	77	600	177	854
18-19	67	525	176	768
19-20	38	190	55	283
20-21	47	235	84	366
21-22	44	215	97	356
22-23	34	123	49	206
<b>TOTAL</b>	<b>466</b>	<b>2917</b>	<b>912</b>	<b>4295</b>

**TOTAL**

**XING S/L**

**XING N/L**

N-S	Ped	Sch	Ped	Sch
1288	123	0	122	0
1301	115	0	105	0
1499	142	0	140	0
1423	93	0	89	0
547	43	0	45	0
634	54	0	38	0
579	37	0	24	0
358	12	0	10	0
<b>7629</b>	<b>619</b>	<b>0</b>	<b>573</b>	<b>0</b>

**EASTBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	87	1036	53	1176
16-17	81	1115	64	1260
17-18	77	1142	60	1279
18-19	87	1046	57	1190
19-20	37	390	26	453
20-21	52	503	45	600
21-22	50	485	39	574
22-23	31	324	25	380
<b>TOTAL</b>	<b>502</b>	<b>6041</b>	<b>369</b>	<b>6912</b>

**WESTBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	37	751	36	824
16-17	52	848	56	956
17-18	47	1149	56	1252
18-19	43	1120	55	1218
19-20	13	312	22	347
20-21	35	480	26	541
21-22	31	383	14	428
22-23	18	263	5	286
<b>TOTAL</b>	<b>276</b>	<b>5306</b>	<b>270</b>	<b>5852</b>

**TOTAL**

**XING W/L**

**XING E/L**

E-W	Ped	Sch	Ped	Sch
2000	213	0	213	0
2216	181	0	146	0
2531	211	0	131	0
2408	153	0	98	0
800	47	0	55	0
1141	82	0	43	0
1002	55	0	42	0
666	13	0	8	0
<b>12764</b>	<b>955</b>	<b>0</b>	<b>736</b>	<b>0</b>

# Intersection Turning Movement

Prepared by:

## National Data & Surveying Services

Project ID: CA11\_5096\_027

Day: Thursday

City: City of Los Angeles

Date: 4/7/2011

NOON

NS/EW Streets:	Union Ave			Union Ave			Olympic Blvd			Olympic Blvd			TOTAL
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
3:00 PM	26	127	14	22	121	31	20	267	11	7	184	14	844
3:15 PM	13	103	9	20	106	30	26	250	9	11	184	5	766
3:30 PM	10	118	10	21	129	34	18	247	14	12	191	10	814
3:45 PM	16	114	12	19	123	35	22	261	17	7	180	7	813
4:00 PM	12	109	13	20	128	36	19	244	18	8	190	14	811
4:15 PM	13	106	9	15	132	14	16	265	12	15	204	11	812
4:30 PM	9	113	7	20	142	42	28	250	17	14	207	17	866
4:45 PM	17	116	9	19	126	48	16	334	15	15	225	13	953
5:00 PM	16	129	6	15	166	40	21	285	18	10	228	6	940
5:15 PM	18	127	14	24	154	38	18	299	16	14	317	17	1056
5:30 PM	16	140	8	17	128	39	20	273	12	9	273	16	951
5:45 PM	21	129	12	21	147	59	18	269	14	14	322	17	1043
6:00 PM	26	131	11	21	126	38	19	272	11	12	333	11	1011
6:15 PM	20	142	8	18	141	54	24	281	17	7	328	16	1056
6:30 PM	23	135	8	11	122	44	20	250	12	12	251	14	902
6:45 PM	21	116	6	17	128	40	24	228	17	11	190	13	811
7:00 PM	20	112	10	15	95	19	19	208	9	11	164	7	689
7:15 PM	16	97	6	23	91	36	18	175	17	2	144	15	640
TOTAL VOLUMES :	NL 313	NT 2164	NR 172	SL 338	ST 2305	SR 677	EL 366	ET 4658	ER 256	WL 191	WT 4115	WR 223	TOTAL 15778
APPROACH %'s :	11.82%	81.69%	6.49%	10.18%	69.43%	20.39%	6.93%	88.22%	4.85%	4.22%	90.86%	4.92%	
PEAK HR START TIME :	430 PM												TOTAL
PEAK HR VOL :	60	485	36	78	588	168	83	1168	66	53	977	53	3815
PEAK HR FACTOR :	0.914			0.943			0.902			0.778			0.903

CONTROL :

# Intersection Turning Movement

Prepared by:

## National Data & Surveying Services

Project ID: CA11\_5096\_027

Day: Thursday

City: City of Los Angeles

Date: 4/7/2011

PM													
NS/EW Streets:	Union Ave			Union Ave			Olympic Blvd			Olympic Blvd			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
8:00 PM	11	52	9	13	53	25	14	135	14	8	126	9	469
8:15 PM	17	47	7	16	61	11	17	113	11	11	128	10	449
8:30 PM	10	46	1	9	67	23	10	139	10	10	111	3	439
8:45 PM	12	46	5	9	50	25	11	109	10	6	112	4	399
9:00 PM	14	39	1	15	73	30	12	142	11	13	104	4	458
9:15 PM	12	32	5	11	42	33	14	102	11	6	99	7	374
9:30 PM	16	41	4	13	61	20	8	124	10	6	95	1	399
9:45 PM	13	37	5	5	32	14	16	111	7	6	82	2	330
10:00 PM	13	30	4	10	25	6	10	105	6	4	73	2	288
10:15 PM	12	32	3	4	35	14	9	75	5	4	70	1	264
10:30 PM	4	20	4	8	27	12	7	72	9	4	61	0	228
10:45 PM	7	18	5	12	36	17	5	68	5	6	57	2	238
<b>TOTAL VOLUMES :</b>	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
<b>APPROACH %'s :</b>	141	440	53	125	562	230	133	1295	109	84	1118	45	4335
	22.24%	69.40%	8.36%	13.63%	61.29%	25.08%	8.65%	84.26%	7.09%	6.74%	89.66%	3.61%	
<b>PEAK HR START TIME :</b>	900 PM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	55	149	15	44	208	97	50	479	39	31	380	14	1561
<b>PEAK HR FACTOR :</b>	0.898			0.739			0.861			0.878			0.852

CONTROL :