



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

45

STREET: North/South Grand Ave

East/West Washington Blvd

Day: Tuesday Date: March 15, 2011 Weather: SUNNY

Hours: 3-730PM 8-11PM Checkrs: 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>	46	34	43	50
<b>BUSES</b>	82	160	79	81

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
<i>NOON PK 15 MIN</i>	83	16.45	253	17.00	252	16.30	206	17.15
<i>PM PK 15 MIN</i>	60	21.00	38	21.45	57	21.45	76	21.00
<i>NOON PK HOUR</i>	304	16.30	911	16.30	857	16.30	783	16.30
<i>PM PK HOUR</i>	124	21.00	127	21.00	194	21.00	237	21.00

**NORTHBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	58	152	87	297
16-17	47	182	79	308
17-18	47	168	79	294
18-19	45	161	69	275
19-20	5	49	23	77
20-21	41	62	47	150
21-22	33	52	39	124
22-23	8	21	15	44
<b>TOTAL</b>	<b>284</b>	<b>847</b>	<b>438</b>	<b>1569</b>

**SOUTHBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	105	365	71	541
16-17	85	574	75	734
17-18	80	831	77	988
18-19	90	542	41	673
19-20	19	100	26	145
20-21	27	95	31	153
21-22	11	87	29	127
22-23	25	102	45	172
<b>TOTAL</b>	<b>442</b>	<b>2696</b>	<b>395</b>	<b>3533</b>

**TOTAL**

**XING S/L**

**XING N/L**

N-S	Ped	Sch	Ped	Sch
838	230	0	221	0
1042	281	0	228	0
1282	287	0	148	0
948	282	0	143	0
222	90	0	55	0
303	94	0	67	0
251	50	0	33	0
216	10	0	12	0
<b>5102</b>	<b>1324</b>	<b>0</b>	<b>907</b>	<b>0</b>

**EASTBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	0	667	41	708
16-17	0	788	43	831
17-18	0	815	59	874
18-19	0	642	54	696
19-20	0	238	18	256
20-21	0	219	25	244
21-22	0	179	15	194
22-23	0	99	2	101
<b>TOTAL</b>	<b>0</b>	<b>3647</b>	<b>257</b>	<b>3904</b>

**WESTBOUND Approach**

Hours	Lt	Th	Rt	Total
15-16	51	627	12	690
16-17	51	657	12	720
17-18	71	782	4	857
18-19	38	757	13	808
19-20	13	233	3	249
20-21	20	275	3	298
21-22	16	216	5	237
22-23	6	167	1	174
<b>TOTAL</b>	<b>266</b>	<b>3714</b>	<b>53</b>	<b>4033</b>

**TOTAL**

**XING W/L**

**XING E/L**

E-W	Ped	Sch	Ped	Sch
1398	210	0	40	0
1551	143	0	50	0
1731	127	0	49	0
1504	120	0	54	0
505	30	0	11	0
542	55	0	24	0
431	40	0	7	0
275	6	0	2	0
<b>7937</b>	<b>731</b>	<b>0</b>	<b>237</b>	<b>0</b>

# Intersection Turning Movement

Prepared by:

## National Data & Surveying Services

Project ID: CA11\_5077\_044

Day: Tuesday

City: City of Los Angeles

Date: 3/15/2011

NOON

NS/EW Streets:	Grand Ave			Grand Ave			Washington Blvd			Washington Blvd			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
3:00 PM	18	34	21	28	86	18	0	143	7	11	167	3	536
3:15 PM	18	32	17	29	82	18	0	144	11	9	128	2	490
3:30 PM	8	40	28	19	65	21	0	192	7	14	143	3	540
3:45 PM	14	31	20	29	99	14	0	180	10	14	178	4	593
4:00 PM	11	43	24	25	109	15	0	190	11	16	164	2	610
4:15 PM	10	34	21	12	133	16	0	178	3	9	143	2	561
4:30 PM	16	41	14	31	133	23	0	236	13	13	157	5	682
4:45 PM	10	50	20	16	165	21	0	175	8	11	182	3	661
5:00 PM	20	35	18	13	211	21	0	196	9	16	176	2	717
5:15 PM	9	43	17	28	201	15	0	192	15	14	187	1	722
5:30 PM	5	39	18	19	180	25	0	219	13	20	210	0	748
5:45 PM	13	39	26	19	204	16	0	201	15	18	196	1	748
6:00 PM	18	44	21	19	171	10	0	203	22	12	170	6	696
6:15 PM	11	45	18	31	151	6	0	174	8	6	182	2	634
6:30 PM	13	36	16	25	104	10	0	132	10	8	214	3	571
6:45 PM	3	23	14	15	83	15	0	128	8	8	177	2	476
7:00 PM	2	16	10	7	51	12	0	120	12	6	127	1	364
7:15 PM	3	25	13	12	40	14	0	117	3	5	100	2	334

	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	202	650	336	377	2268	290	0	3120	185	210	3001	44	10683
APPROACH %'s :	17.00%	54.71%	28.28%	12.84%	77.27%	9.88%	0.00%	94.40%	5.60%	6.45%	92.20%	1.35%	

PEAK HR START TIME :	430 PM												TOTAL
PEAK HR VOL :	55	169	69	88	710	80	0	799	45	54	702	11	2782
PEAK HR FACTOR :	0.916			0.896			0.847			0.949			0.963

CONTROL :

# Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: CA11\_5077\_044

Day: Tuesday

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PM													
NS/EW Streets:	Grand Ave			Grand Ave			Washington Blvd			Washington Blvd			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
8:00 PM	4	20	8	4	28	8	0	55	2	1	74	1	205
8:15 PM	16	12	13	8	20	9	0	52	6	5	73	1	215
8:30 PM	9	9	16	8	21	6	0	67	6	6	63	1	212
8:45 PM	12	12	10	7	20	8	0	42	6	6	60	0	183
9:00 PM	14	20	24	4	21	6	0	43	6	8	62	5	213
9:15 PM	4	12	6	1	21	8	0	47	1	1	60	0	161
9:30 PM	7	8	5	5	18	3	0	34	0	4	50	0	134
9:45 PM	8	7	4	1	23	12	0	49	6	3	40	0	153
10:00 PM	3	8	1	4	23	21	0	42	0	0	56	0	158
10:15 PM	0	4	8	3	15	8	0	30	1	1	51	1	122
10:30 PM	5	3	3	6	10	4	0	15	0	1	36	0	83
10:45 PM	0	1	3	12	50	12	0	10	0	4	23	0	115
<b>TOTAL VOLUMES :</b>	82	116	101	63	270	105	0	486	34	40	648	9	1954
<b>APPROACH %'s :</b>	27.42%	38.80%	33.78%	14.38%	61.64%	23.97%	0.00%	93.46%	6.54%	5.74%	92.97%	1.29%	
<b>PEAK HR START TIME :</b>	900 PM												<b>TOTAL</b>
<b>PEAK HR VOL :</b>	33	47	39	11	83	29	0	173	13	16	212	5	661
<b>PEAK HR FACTOR :</b>	0.513			0.854			0.845			0.777			0.776

CONTROL :