

ITM Peak Hour Summary

Prepared by:

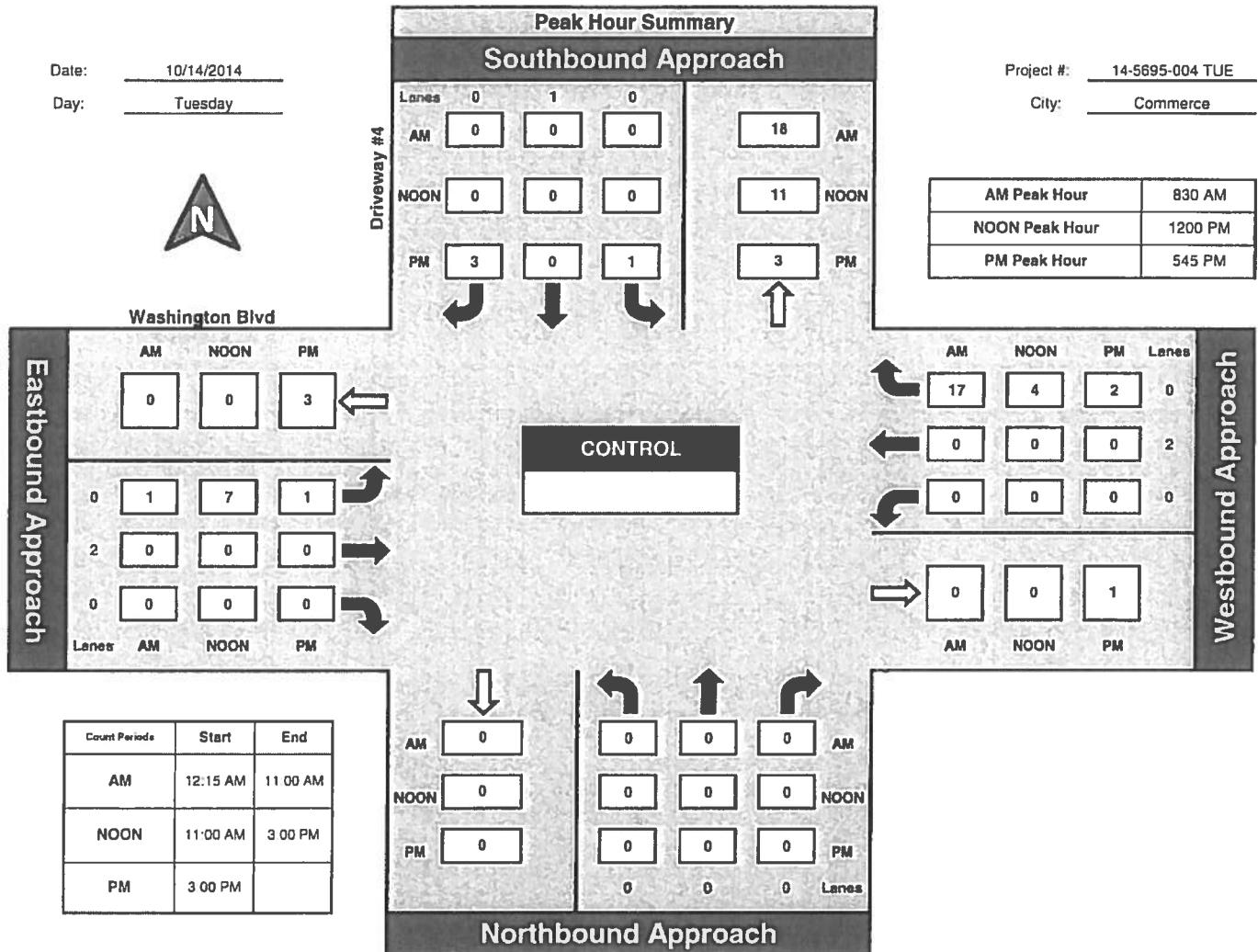


National Data & Surveying Services

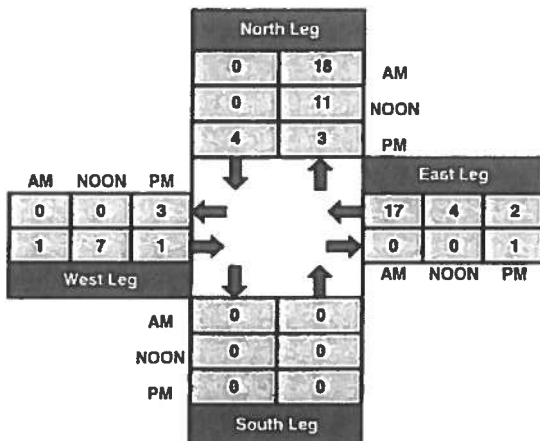
Driveway #4 and Washington Blvd, Commerce

Date: 10/14/2014
Day: Tuesday

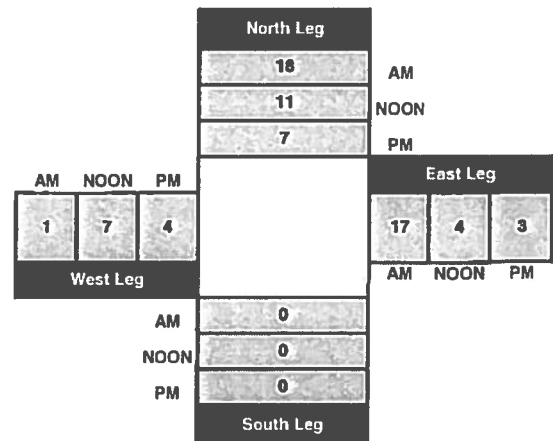
Project #: 14-5695-004 TUE
City: Commerce



Total Ins & Outs



Total Volume Per Leg



VOLUME

Washington Blvd W/O I-5 SB Ramps

Day: Wednesday
Date: 10/15/2014City: Commerce
Project #: CA14_5696_002

DAILY TOTALS					NB	SB	EB		WB		Total	
					0	0	16,676		15,460		32,136	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL
00:00			73	41	114		12:00			248	204	452
00:15			47	36	83		12:15			290	185	475
00:30			72	45	117		12:30			264	184	448
00:45			38	230	36	158	12:45			248	1050	229 802
01:00			36		41	77	13:00			241		204 445
01:15			37		38	75	13:15			276		207 483
01:30			43		22	65	13:30			300		229 529
01:45			41	157	41	142	13:45			311	1128	240 880 551 2008
02:00			36		32	68	14:00			283		235 518
02:15			35		39	74	14:15			322		231 553
02:30			45		41	86	14:30			351		208 559
02:45			55	171	46	158	14:45			330	1286	227 901 557 2187
03:00			40		37	77	15:00			351		224 575
03:15			52		50	102	15:15			320		245 565
03:30			42		70	112	15:30			343		288 631
03:45			41	175	89	246	15:45			341	1355	252 1009 593 2364
04:00			52		58	110	16:00			322		234 556
04:15			54		81	135	16:15			308		219 527
04:30			86		107	193	16:30			329		251 580
04:45			108	300	157	403	16:45			303	1262	231 935 534 2197
05:00			93		106	199	17:00			283		253 536
05:15			113		169	282	17:15			302		216 518
05:30			128		174	302	17:30			289		203 492
05:45			174	508	227	676	17:45			336	1210	210 882 546 2092
06:00			155		214	369	18:00			294		157 451
06:15			142		227	369	18:15			279		193 472
06:30			178		274	452	18:30			281		153 434
06:45			203	678	309	1024	18:45			315	1169	132 635 447 1804
07:00			147		340	487	19:00			324		131 455
07:15			138		355	493	19:15			207		105 312
07:30			208		365	573	19:30			182		113 295
07:45			190	683	343	1403	19:45			152	865	105 454 257 1319
08:00			208		282	490	20:00			128		112 240
08:15			216		225	441	20:15			106		107 213
08:30			181		252	433	20:30			91		71 162
08:45			149	754	264	1023	20:45			87	412	104 394 191 806
09:00			199		224	423	21:00			101		79 180
09:15			181		215	396	21:15			97		97 194
09:30			193		221	414	21:30			75		81 156
09:45			190	763	223	883	21:45			69	342	71 328 140 670
10:00			182		191	373	22:00			95		65 160
10:15			222		185	407	22:15			83		83 166
10:30			188		185	373	22:30			72		69 141
10:45			183	775	206	767	22:45			56	306	66 283 122 589
11:00			231		209	440	23:00			72		74 146
11:15			206		210	416	23:15			57		52 109
11:30			217		200	417	23:30			58		37 95
11:45			213	867	226	845	23:45			43	230	66 229 109 459
TOTALS			6061		7728	13789	TOTALS			10615		7732 18347
SPLIT %			44.0%		56.0%	42.9%	SPLIT %			57.9%		42.1% 57.1%

DAILY TOTALS				NB	SB			EB	WB			Total
				0	0			16,676	15,460			32,136
AM Peak Hour		11:45	07:00	07:15	PM Peak Hour				15:00	15:15	15:00	
AM Pk Volume		1015	1403	2089	PM Pk Volume				1355	1019	2364	
Pk Hr Factor		0.875	0.961	0.911	Pk Hr Factor				0.965	0.885	0.937	
7 - 9 Volume		1437	2426	3863	4 - 6 Volume				2472	1817	4289	
7 - 9 Peak Hour		07:30	07:00	07:15	4 - 6 Peak Hour				16:00	16:15	16:00	
7 - 9 Pk Volume		822	1403	2089	4 - 6 Pk Volume				1262	954	2197	
Pk Hr Factor		0.951	0.961	0.911	Pk Hr Factor				0.959	0.943	0.947	

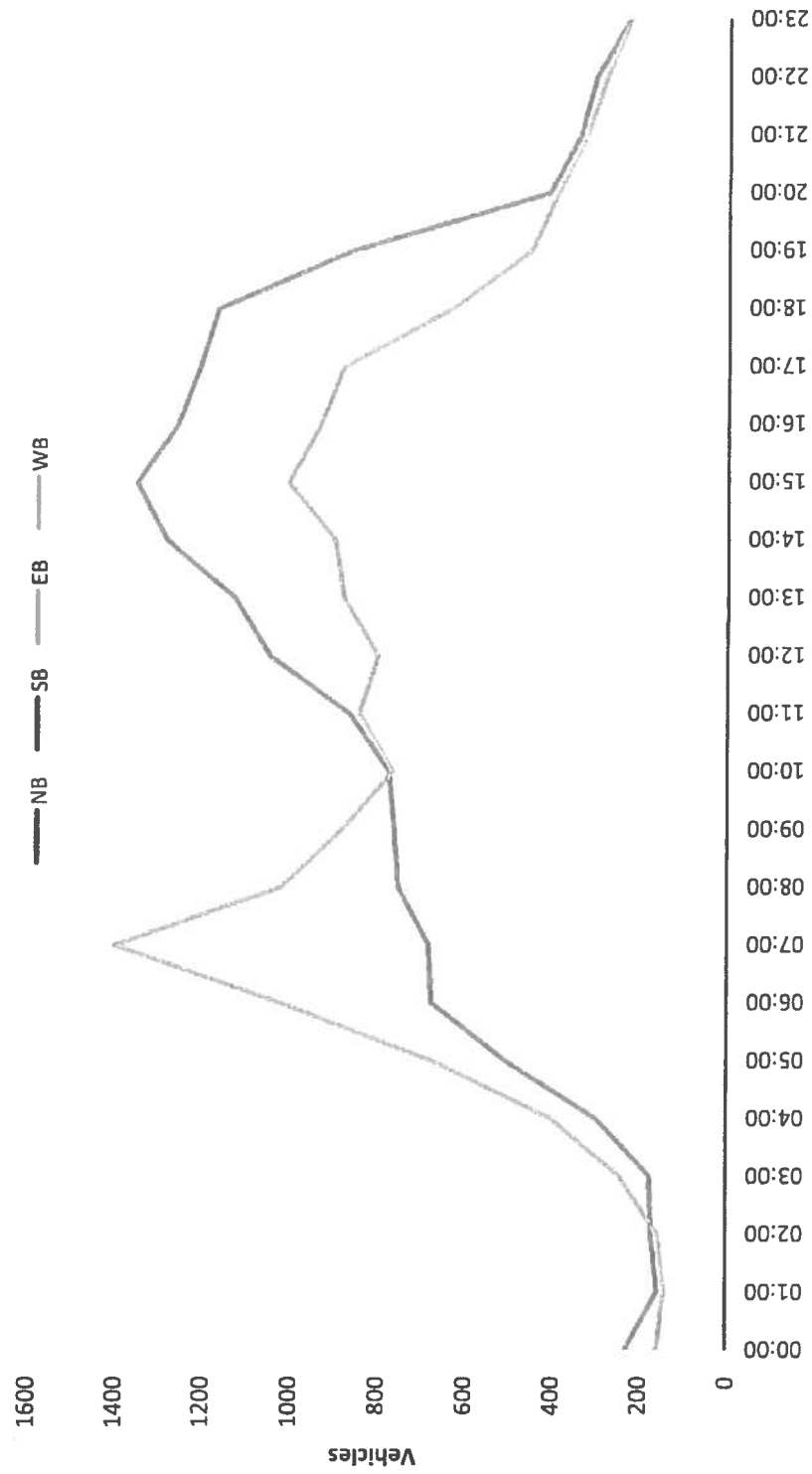
Prepared by NDS/ATD

Project #: CA14_5696_002

City: Commerce

Location: Washington Blvd W/O I-5 SB Ramps

Date: 10/15/2014



VOLUME

Washington Blvd E/O Fidelia Ave

Day: Wednesday
Date: 10/15/2014City: Commerce
Project #: CA14_S696_001

DAILY TOTALS					NB	SB	EB				WB	Total			
					0	0					15,189				
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			58	30	88		12:00			256	202	458			
00:15			41	30	71		12:15			273	167	440			
00:30			63	39	102		12:30			248	169	417			
00:45			34	196	38	137	12:45			236	1013	198	736	434	1749
01:00			32		39	71	13:00			243		186		429	
01:15			34		30	64	13:15			267		199		466	
01:30			43		18	61	13:30			270		199		469	
01:45			35	144	37	124	13:45			308	1088	211	795	519	1883
02:00			39		29	68	14:00			265		217		482	
02:15			30		27	57	14:15			314		231		545	
02:30			33		38	71	14:30			328		192		520	
02:45			45	147	33	127	14:45			312	1219	213	853	525	2072
03:00			33		28	61	15:00			340		229		569	
03:15			41		39	80	15:15			304		243		547	
03:30			36		0	36	15:30			332		267		599	
03:45			39	149	4	71	15:45			340	1316	245	984	585	2300
04:00			42		43	85	16:00			300		235		535	
04:15			59		65	124	16:15			241		218		459	
04:30			83		88	171	16:30			271		259		530	
04:45			102	286	124	320	16:45			252	1064	239	951	491	2015
05:00			82		92	174	17:00			169		252		421	
05:15			102		130	232	17:15			253		216		469	
05:30			119		165	284	17:30			210		203		413	
05:45			163	466	198	585	17:45			258	890	220	891	478	1781
06:00			121		194	315	18:00			253		160		413	
06:15			138		201	339	18:15			199		185		384	
06:30			170		248	418	18:30			212		159		371	
06:45			188	617	311	954	18:45			263	927	123	627	386	1554
07:00			143		316	459	19:00			259		127		386	
07:15			139		342	481	19:15			207		101		308	
07:30			186		345	531	19:30			182		108		290	
07:45			208	676	326	1329	19:45			144	792	99	435	243	1227
08:00			204		255	459	20:00			125		97		222	
08:15			202		204	406	20:15			103		96		199	
08:30			176		228	404	20:30			91		64		155	
08:45			136	718	242	929	20:45			75	394	91	348	166	742
09:00			192		184	376	21:00			97		69		166	
09:15			174		184	358	21:15			96		84		180	
09:30			191		216	407	21:30			70		63		133	
09:45			178	735	214	798	21:45			59	322	65	281	124	603
10:00			172		182	354	22:00			77		64		141	
10:15			206		163	369	22:15			82		82		164	
10:30			192		179	371	22:30			60		56		116	
10:45			180	750	183	707	22:45			46	265	57	259	103	524
11:00			207		201	408	23:00			66		62		128	
11:15			196		186	382	23:15			55		46		101	
11:30			206		181	387	23:30			47		34		81	
11:45			194	803	212	780	23:45			44	212	63	205	107	417
TOTALS			5687		6861	12548	TOTALS			9502		7365		16867	
SPLIT %			45.3%		54.7%	42.7%	SPLIT %			56.3%		43.7%		57.3%	

DAILY TOTALS					NB	SB					EB	WB	Total	
					0	0					15,189	14,226	29,415	
AM Peak Hour			11:45	07:00	07:00		PM Peak Hour			15:00	15:15	15:00		
AM Pk Volume			971	1329	2005		PM Pk Volume			1316	990	2300		
Pk Hr Factor			0.889	0.963	0.939		Pk Hr Factor			0.968	0.927	0.960		
7 - 9 Volume			1394	2258	3652		4 - 6 Volume			1954	1842	3796		
7 - 9 Peak Hour			07:30	07:00	07:00		4 - 6 Peak Hour			16:00	16:15	16:00		
7 - 9 Pk Volume			800	1329	2005		4 - 6 Pk Volume			1064	968	2015		
Pk Hr Factor			0.962	0.963	0.939		Pk Hr Factor			0.887	0.934	0.942		

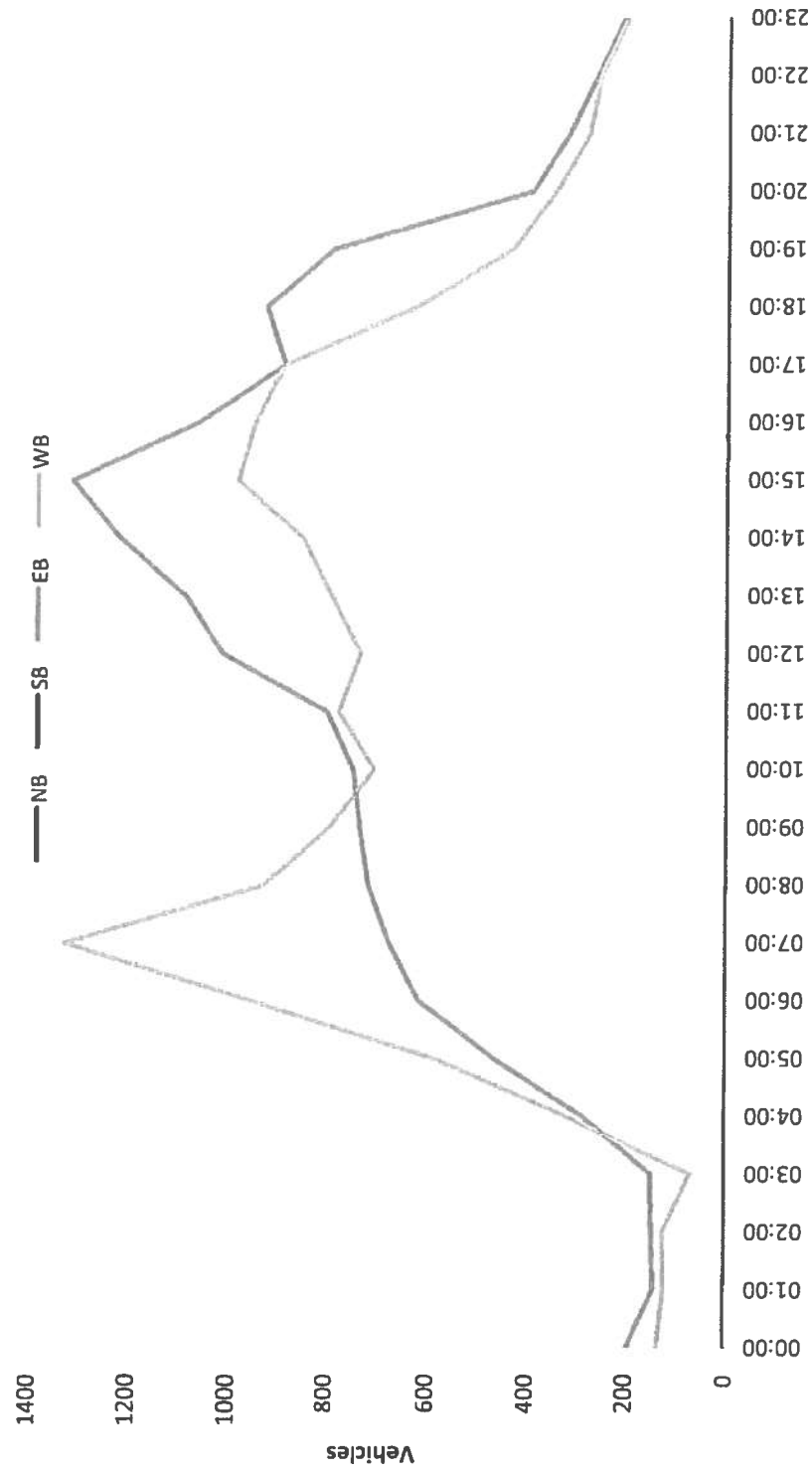
Prepared by NDS/ATD

Project #: CA14_5696_001

City: Commerce

Location: Washington Blvd E/O Fidelia Ave

Date: 10/15/2014



Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-001

Day: Wednesday

City: Commerce

Date: 10/15/2014

NS/EW Streets:	AM			
	Driveway #1	Driveway #1	Washington Blvd	Washington Blvd
	NORTHBOUND		EASTBOUND	
	Driveway #1	Driveway #1	Driveway #1	Driveway #1

LANES:	NORTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0

UTURNS

NB SB EB WB

TOTAL VOLUMES :	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
0	0	0	0	37	47	85	0	0	0	0	0	137	306
APPROACH %s :	#DIV/0!	#DIV/0!	#DIV/0!	44.05%	0.00%	55.95%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	

PEAK HR START TIME :	8:15 AM												TOTAL
PEAK HR VOL :	0	0	0	14	0	16	29	0	0	0	0	49	108
PEAK HR FACTOR :	0.000												0.818

CONTROL : 0

NB	SB	EB	WB
0	0	0	0

	NB	SB	EB	WB
	0	0	0	0

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-001

Day: Wednesday

City: Commerce

Date: 10/15/2014

NS/EW Streets:	PM													
	Driveway #1				Driveway #1				Washington Blvd				Washington Blvd	
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND	
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	
LANES:														
3:00 PM	0	0	0	11	0	9	4	0	0	0	0	1	25	
3:15 PM	0	0	0	11	0	8	3	0	0	0	0	5	27	
3:30 PM	0	0	0	8	0	9	2	0	0	0	0	4	23	
3:45 PM	0	0	0	8	0	6	1	0	0	0	0	3	18	
4:00 PM	0	0	0	5	0	5	4	0	0	0	0	1	15	
4:15 PM	0	0	0	4	0	10	4	0	0	0	0	0	18	
4:30 PM	0	0	0	6	0	15	3	0	0	0	0	2	26	
4:45 PM	0	0	0	7	0	10	3	0	0	0	0	1	21	
5:00 PM	0	0	0	9	0	17	1	0	0	0	0	1	28	
5:15 PM	0	0	0	6	0	9	1	0	0	0	0	0	16	
5:30 PM	0	0	0	5	0	4	1	0	0	0	0	0	10	
5:45 PM	0	0	0	5	0	3	1	0	0	0	0	0	9	
6:00 PM	0	0	0	4	0	10	0	0	0	0	0	1	15	
6:15 PM	0	0	0	2	0	6	0	0	0	0	0	2	10	
6:30 PM	0	0	0	5	0	4	3	0	0	0	0	0	12	
6:45 PM	0	0	0	1	0	2	0	0	0	0	0	0	3	
7:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	1	
7:15 PM	0	0	0	1	0	2	1	0	0	0	0	0	4	
7:30 PM	0	0	0	0	0	1	0	0	0	0	0	1	2	
7:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	2	
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	2	
8:15 PM	0	0	0	0	0	1	1	0	0	0	0	0	2	
8:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1	
8:45 PM	0	0	0	1	0	0	0	0	0	0	0	0	0	
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	
9:30 PM	0	0	0	1	0	1	1	0	0	0	0	1	3	
9:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	2	
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	1	
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	1	
10:45 PM	0	0	0	1	0	2	0	0	0	0	0	0	3	
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL VOLUMES :	0	0	0	103	0	139	36	0	0	0	0	25	303	
APPROACH %'s :	#DIV/0!	#DIV/0!	#DIV/0!	42.56%	0.00%	57.44%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%		
	NB	0		SB	0		EB	0		WB	0			

TOTAL VOLUMES :				TOTAL			
NL	NT	NR	SL	ST	SR	EL	ET
0	0	0	103	0	139	36	0
APPROACH %'s :				TOTAL			
#DIV/0!				0.00%			
#DIV/0!				57.44%			
#DIV/0!				100.00%			
PEAK HR START TIME :				0.00%			
415 PM				0.500			
PEAK HR VOL :				0.830			
0				93			
PEAK HR FACTOR :				0.588			
0.000				0.750			
CONTROL :				0			

ITM Peak Hour Summary

Prepared by:

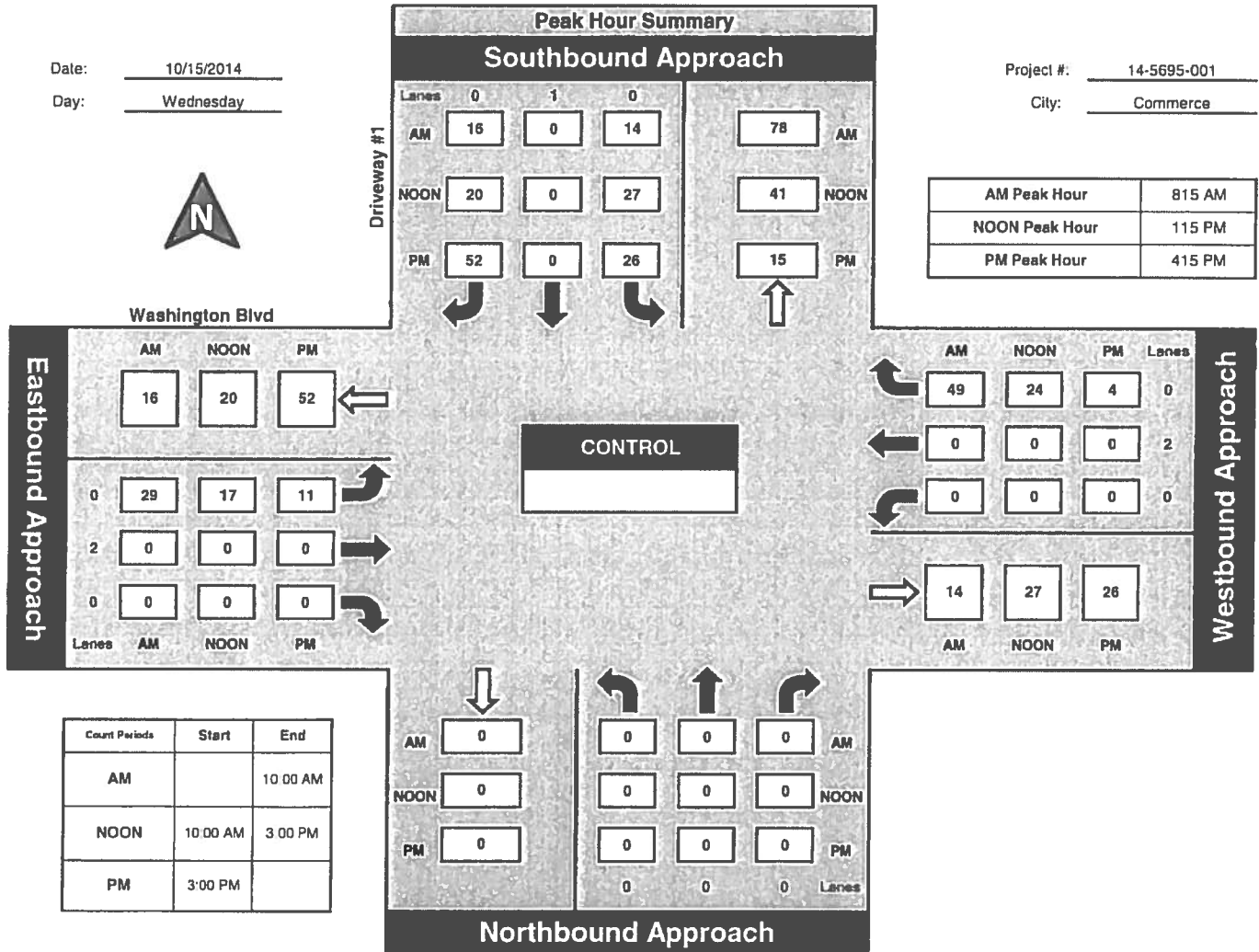


National Data & Surveying Services

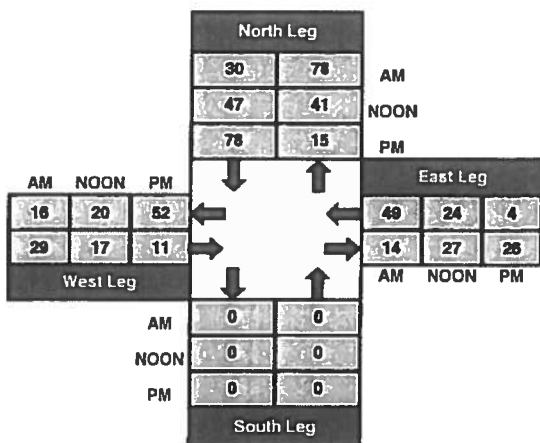
Driveway #1 and Washington Blvd, Commerce

Date: 10/15/2014
Day: Wednesday

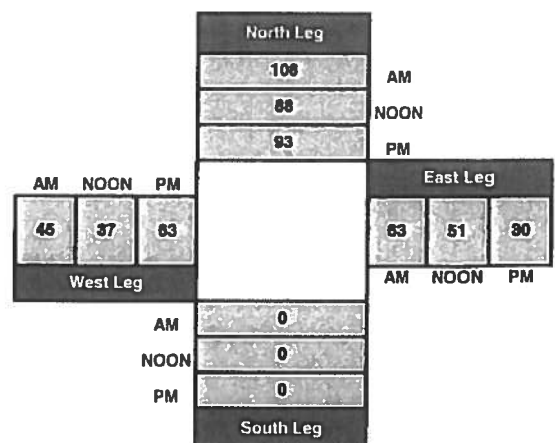
Project #: 14-5695-001
City: Commerce



Total Ins & Outs



Total Volume Per Leg



Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-002

Day: Wednesday

City: Commerce

Date: 10/15/2014

NS/EW Streets:	Driveway #2		Driveway #2		Washington Blvd		Washington Blvd		UTURNS				
	NORTHBOUND		SOUTHBOUND		EASTBOUND		WESTBOUND		NB	SB	EB	WB	
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
12:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	1
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	1	0	0	0	0	0	1	2
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	1	0	0	0	0	0	0	0	2	3
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	1	0	0	0	0	0	1
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	1	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	1	0	0	0	0	0	0	0	2	3
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	1
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	2	0	1	2	0	0	0	0	1	1
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	4
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	2
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	6
7:00 AM	0	0	0	0	0	1	2	0	0	0	0	3	2
7:15 AM	0	0	0	8	0	4	2	0	0	0	0	2	14
7:30 AM	0	0	0	6	0	5	3	0	0	0	0	10	22
7:45 AM	0	0	0	5	0	1	2	0	0	0	0	4	18
8:00 AM	0	0	0	6	0	7	4	0	0	0	0	10	18
8:15 AM	0	0	0	5	0	3	1	0	0	0	0	7	24
8:30 AM	0	0	0	6	0	7	0	0	0	0	0	11	24
8:45 AM	0	0	0	2	0	4	1	0	0	0	0	10	19
9:00 AM	0	0	0	2	0	4	0	0	0	0	0	3	10
9:15 AM	0	0	0	2	0	6	3	0	0	0	0	7	11
9:30 AM	0	0	0	2	0	6	1	0	0	0	0	8	18
9:45 AM	0	0	0	4	0	1	3	0	0	0	0	6	17
													14
TOTAL VOLUMES :	0	0	0	60	0	51	27	0	0	0	0	99	737
APPROACH %'s :	#DIV/0!	#DIV/0!	#DIV/0!	54.05%	0.00%	45.95%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.885
PEAK HR START TIME :	7:15 AM												
PEAK HR VOL :	0	0	0	22	0	18	7	0	0	0	0	38	85
PEAK HR FACTOR :	0.000			0.769			0.438			0.864			0.885

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-002

Day: Wednesday

City: Commerce

Date: 10/15/2014

NOON

NS/EW Streets:	NORTHBOUND		SOUTHBOUND		EASTBOUND				WESTBOUND			
	Driveway #2		Driveway #2		Washington Blvd	ET	ER	WL	WT	WR	TOTAL	

LANES:	NORTHBOUND		SOUTHBOUND		EASTBOUND				WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR
10:00 AM	0	0	0	1	0	4	2	0	0	0	0	5
10:15 AM	0	0	0	5	0	3	2	0	0	0	0	3
10:30 AM	0	0	0	1	0	3	1	0	0	0	0	8
10:45 AM	0	0	0	5	0	3	2	0	0	0	0	5
11:00 AM	0	0	0	3	0	6	3	0	0	0	0	8
11:15 AM	0	0	0	5	0	4	2	0	0	0	0	9
11:30 AM	0	0	0	2	0	0	3	0	0	0	0	2
11:45 AM	0	0	0	1	0	3	5	0	0	0	0	3
12:00 PM	0	0	0	4	0	4	2	0	0	0	0	2
12:15 PM	0	0	0	5	0	2	2	0	0	0	0	10
12:30 PM	0	0	0	6	0	5	3	0	0	0	0	4
12:45 PM	0	0	0	5	0	1	2	0	0	0	0	10
1:00 PM	0	0	0	6	0	2	4	0	0	0	0	7
1:15 PM	0	0	0	3	0	7	1	0	0	0	0	11
1:30 PM	0	0	0	6	0	3	0	0	0	0	0	10
1:45 PM	0	0	0	2	0	4	1	0	0	0	0	3
2:00 PM	0	0	0	2	0	7	0	0	0	0	0	7
2:15 PM	0	0	0	2	0	6	3	0	0	0	0	7
2:30 PM	0	0	0	2	0	6	1	0	0	0	0	8
2:45 PM	0	0	0	4	0	1	3	0	0	0	0	6
TOTAL	0	0	0	70	0	74	42	0	0	0	0	128
APPROACH %'s :	#DIV/0!		#DIV/0!		0.00%	51.39%	100.00%	0.00%	0.00%	0.00%	100.00%	100.00%

TOTAL VOLUMES :	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	0	0	0	70	0	74	42	0	0	0	0	128	314

PEAK HR START TIME :		1245 PM		TOTAL	
PEAK HR VOL :		0	0	0	78
PEAK HR FACTOR :		0.000	0.825	0.438	0.885

CONTROL : 0

UTURNS			
NB	SB	EB	WB
0	0	0	0

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-002

Day: Wednesday

City: Commerce

Date: 10/15/2014

Date: 10/13/2019

NS/EW Streets:	PM												
	Driveway #2		Driveway #2		Washington Blvd		Washington Blvd		UTURNS				
	NORTHBOUND		SOUTHBOUND		EASTBOUND		WESTBOUND		NB	SB	EB	WB	
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
3:00 PM	0	0	0	8	0	8	4	0	0	0	0	5	25
3:15 PM	0	0	0	2	0	6	8	0	0	0	0	5	21
3:30 PM	0	0	0	4	0	3	1	0	0	0	0	6	14
3:45 PM	0	0	0	2	0	7	4	0	0	0	0	1	14
4:00 PM	0	0	0	3	0	2	0	0	0	0	0	5	10
4:15 PM	0	0	0	3	0	3	3	0	0	0	0	2	11
4:30 PM	0	0	0	2	0	7	1	0	0	0	0	4	14
4:45 PM	0	0	0	5	0	8	2	0	0	0	0	4	19
5:00 PM	0	0	0	5	0	11	0	0	0	0	0	0	16
5:15 PM	0	0	0	3	0	5	0	0	0	0	0	0	8
5:30 PM	0	0	0	5	0	4	0	0	0	0	0	0	11
5:45 PM	0	0	0	3	0	6	0	0	0	0	0	2	9
6:00 PM	0	0	0	4	0	5	0	0	0	0	0	1	8
6:15 PM	0	0	0	1	0	3	0	0	0	0	0	1	7
6:30 PM	0	0	0	0	0	3	1	0	0	0	0	0	4
6:45 PM	0	0	0	1	0	1	0	0	0	0	0	0	2
7:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	1	0	0	0	0	0	1	2
8:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	1	0	0	0	0	1	4
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	1
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	1	0	0	0	0	0	0	0	0	1
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	2	1	0	0	0	0	2	5
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	2
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL VOLUMES : 0 0 0

APPROACH %'s : #DIV/0! #DIV/0! #DIV/0!

NB	SB	EB	WB
0	0	0	0

NB	0	SB	0	EB	0	WB	0
----	---	----	---	----	---	----	---

TOTAL VOLUMES :	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
APPROACH %s :	#DIV/0!	#DIV/0!	#DIV/0!	37.06%	0.00%	62.94%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	210

PEAK HR START TIME :	300 PM												
PEAK HR VOL :	0	0	0	16	0	24	17	0	0	0	0	17	74
PEAK HR FACTOR :	0.000				0.625			0.531			0.708		0.740

CONTROL : 0

ITM Peak Hour Summary

Prepared by:



National Data & Surveying Services

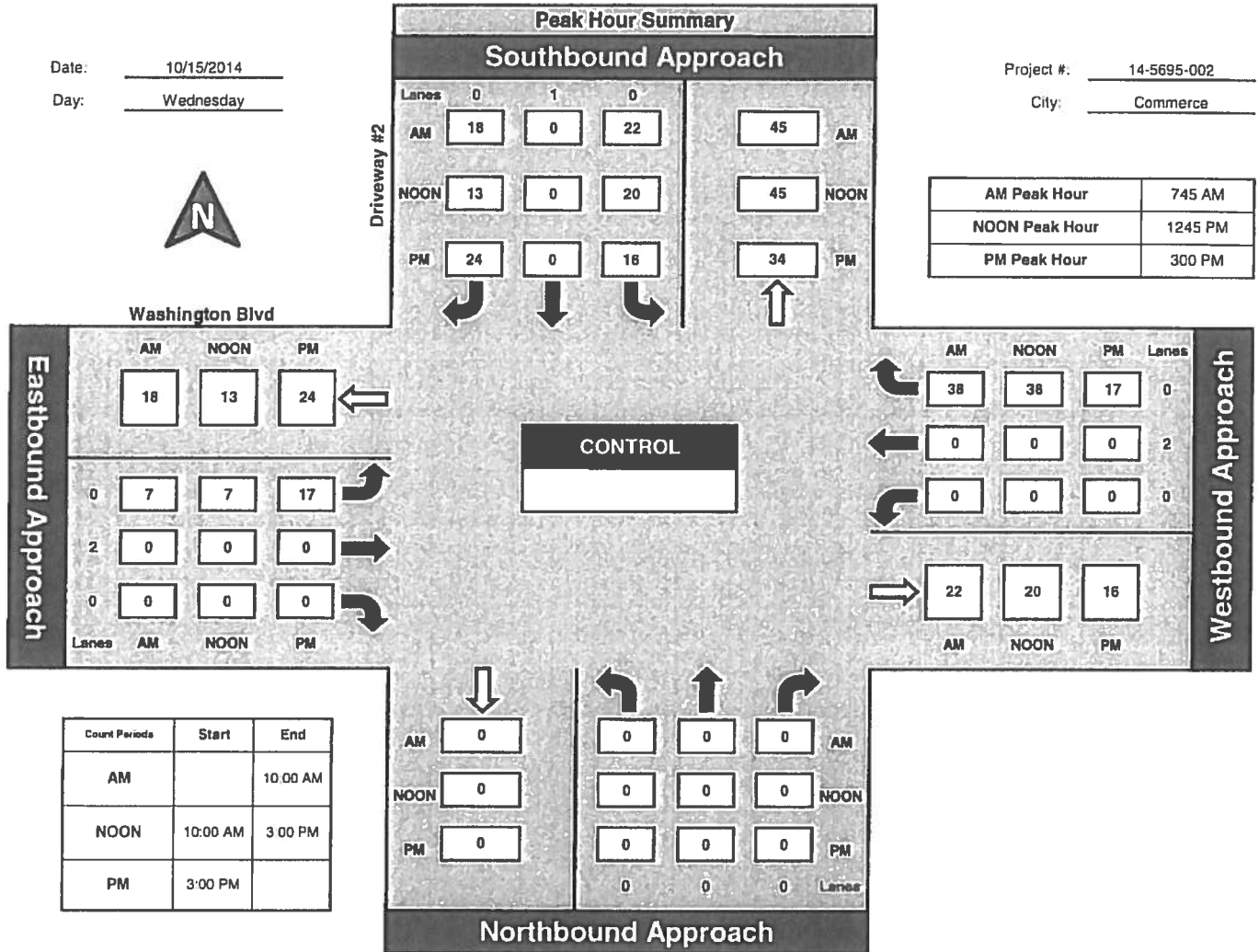
Driveway #2 and Washington Blvd, Commerce

Date: 10/15/2014

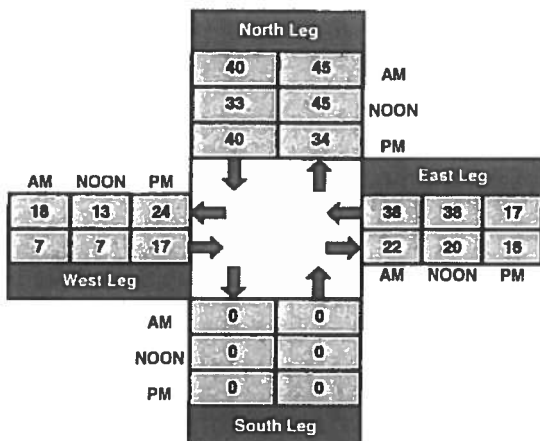
Day: Wednesday

Project #: 14-5695-002

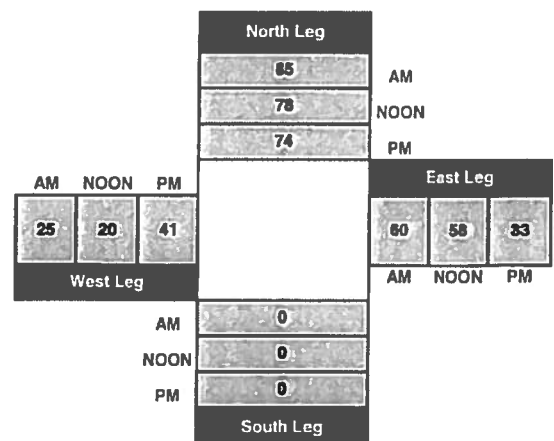
City: Commerce



Total Ins & Outs



Total Volume Per Leg



Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-003

Day: Wednesday

City: Commerce

Date: 10/15/2014

NS/EW Streets:	Driveaway #3	Driveaway #3	Washington Blvd	Washington Blvd
	NORTHBOUND	SOUTHBOUND	EASTBOUND	WESTBOUND
UTURNS				

LANES:	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

12:00 AM	2	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	1	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	2	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	2	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	2	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	4	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	2	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 AM	4	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	2	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	1	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 AM	1	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 AM	1	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	2	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	1	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	2	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	4	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	3	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	1	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	2	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	1	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	3	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL VOLUMES :	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	WL	WT	WR	WL	WT	WR	WL	WT	WR
APPROACH %'s :	49	0	581	0	0	0	0	0	0	660	0	0	660	0	0	660	0	0	660	0	0
	7.76%	0.00%	92.22%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%

PEAK HR START TIME :		600 AM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
PEAK HR VOL :		9	0	98	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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

CONTROL : 0

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-003

Day: Wednesday

City: Commerce

Date: 10/15/2014

NS/EW Streets:	PM			
	Driveway #3	Driveway #3	Washington Blvd	Washington Blvd

LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
3:00 PM	3	0	35	0	0	0	0	0	22	14	0	0	74
3:15 PM	2	0	33	0	0	0	0	0	16	19	0	0	70
3:30 PM	2	0	30	0	0	0	0	0	12	15	0	0	59
3:45 PM	0	0	27	0	0	0	0	0	17	8	0	0	52
4:00 PM	0	0	33	0	0	0	0	0	8	7	0	0	48
4:15 PM	0	0	27	0	0	0	0	0	10	3	0	0	42
4:30 PM	0	0	39	0	0	0	0	0	5	3	0	0	52
4:45 PM	0	0	35	0	0	0	0	0	5	9	0	0	43
5:00 PM	0	0	56	0	0	0	0	0	9	4	0	0	70
5:15 PM	0	0	34	0	0	0	0	0	6	5	0	0	47
5:30 PM	0	0	39	0	0	0	0	0	6	5	0	0	50
5:45 PM	0	0	53	0	0	0	0	0	13	5	0	0	61
6:00 PM	0	0	33	0	0	0	0	0	8	3	0	0	51
6:15 PM	0	0	41	0	0	0	0	0	9	0	0	0	52
6:30 PM	1	0	22	0	0	0	0	0	12	9	0	0	38
6:45 PM	0	0	18	0	0	0	0	0	11	11	0	0	39
7:00 PM	0	0	26	0	0	0	0	0	15	8	0	0	48
7:15 PM	0	0	18	0	0	0	0	0	19	14	0	0	41
7:30 PM	0	0	25	0	0	0	0	0	8	11	0	0	58
7:45 PM	2	0	16	0	0	0	0	0	15	17	0	0	37
8:00 PM	1	0	19	0	0	0	0	0	9	13	0	0	52
8:15 PM	1	0	12	0	0	0	0	0	10	8	0	0	35
8:30 PM	2	0	8	0	0	0	0	0	7	15	0	0	28
8:45 PM	3	0	10	0	0	0	0	0	7	11	0	0	43
9:00 PM	1	0	6	0	0	0	0	0	9	18	0	0	25
9:15 PM	2	0	12	0	0	0	0	0	4	20	0	0	41
9:30 PM	2	0	10	0	0	0	0	0	11	2	0	0	36
9:45 PM	1	0	14	0	0	0	0	0	8	0	0	0	31
10:00 PM	1	0	18	0	0	0	0	0	5	17	0	0	30
10:15 PM	1	0	12	0	0	0	0	0	3	10	0	0	26
10:30 PM	3	0	18	0	0	0	0	0	5	14	0	0	41
10:45 PM	3	0	13	0	0	0	0	0	4	10	0	0	35
11:00 PM	4	0	14	0	0	0	0	0	4	12	0	0	32
11:15 PM	3	0	6	0	0	0	0	0	3	6	0	0	25
11:30 PM	2	0	12	0	0	0	0	0	1	4	0	0	23
11:45 PM	1	0	3	0	0	0	0	0	0	0	0	0	9

TOTAL VOLUMES :	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
APPROACH %s :	41	0	835	0	0	0	0	0	315	353	0	0	1544
	4.68%	0.00%	95.32%	#DIV/0!	#DIV/0!	#DIV/0!	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	

PEAK HR START TIME :		300 PM												
PEAK HR VOL :		7	0	125	0	0	0	0	0	67	56	0	0	255
PEAK HR FACTOR :		0.868			0.000			0.761			0.737			0.861
TOTAL														

CONTROL : 0

UTURNS

NB	SB	EB	WB
0	0	0	0

NB	SB	EB	WB
0	0	0	0

ITM Peak Hour Summary

Prepared by:

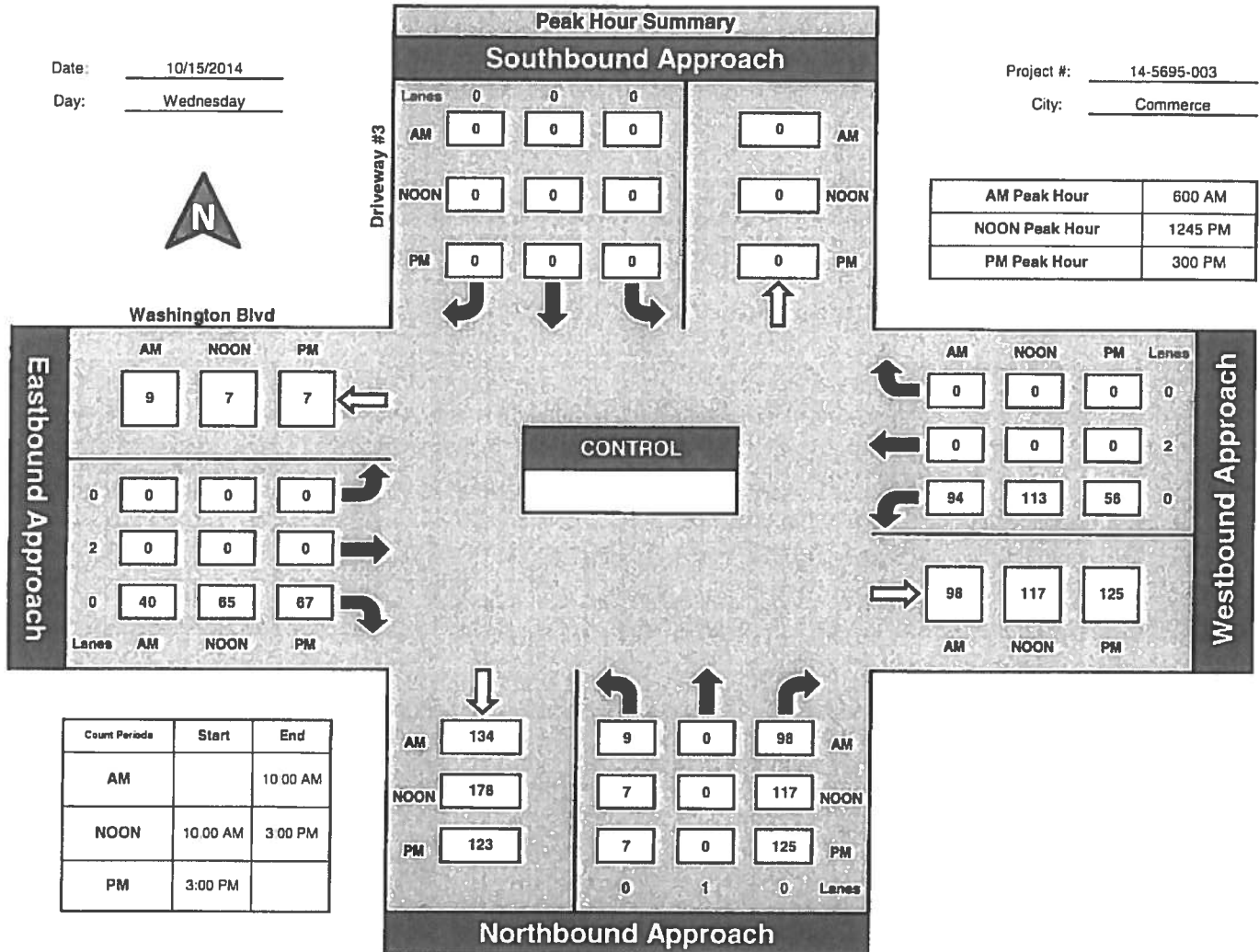


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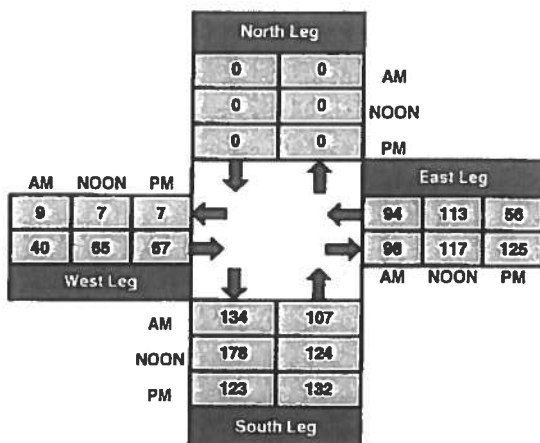
Driveway #3 and Washington Blvd, Commerce

Date: 10/15/2014
Day: Wednesday

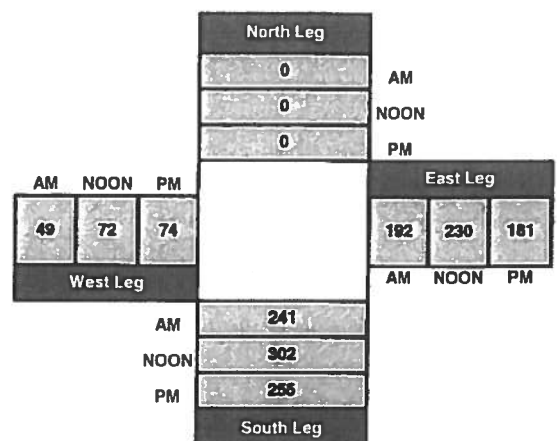
Project #: 14-5695-003
City: Commerce



Total Ins & Outs



Total Volume Per Leg



Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-004

Day: Wednesday

City: Commerce

Date: 10/15/2014

NS/EW Streets:				AM	
Driveway #4	Driveway #4	Driveway #4	Driveway #4	Driveway #4	Driveway #4
NORTHBOUND			SOUTHBOUND		
EASTBOUND			WESTBOUND		
Washington Blvd			Washington Blvd		

[illegible]

TOTAL VOLUMES:		NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
APPROACH %'s:		0	0	0	2	0	3	2	0	0	0	0	39	46
		#DIV/0!	#DIV/0!	#DIV/0!	40.00%	0.00%	60.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	

PEAK HR START TIME :		830 AM								TOTAL	
PEAK HR VOL :	0	0	0	1	0	1	0	0	0	0	21
PEAK HR FACTOR :		0.000			0.500			0.000		0.583	0.639

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-004

Day: Wednesday

City: Commerce

Date: 10/15/2014

NOON

NS/EW Streets:	Driveway #4	Driveway #4	Washington Blvd	Washington Blvd

UTURNS			
NB	SB	EB	WB

LANES:	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	WL	WT	WR	TL	
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
10:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
12:30 PM	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
1:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

													TOTAL
TOTAL VOLUMES :													25
APPROACH %'s :													
NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR		
0	0	0	0	0	3	7	0	0	0	0	15		
#DIV/0!	#DIV/0!	#DIV/0!	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%		

PEAK HR START TIME :	11:5 PM	TOTAL
PEAK HR VOL :	0	7
PEAK HR FACTOR :	0.000	0.438

CONTROL : 0

NB	SB	EB	WB
0	0	0	0

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 14-5695-004

Day: Wednesday

City: Commerce

Date: 10/15/2014

NS/EW Streets:	PM			
	Driveway #4	Driveway #4	Washington Blvd	Washington Blvd

LANES:	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	WL	WT	WR	WL	

UTURNS

NB SB EB WB

3:00 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
3:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL VOLUMES :	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
APPROACH %s :	0	0	0	0	0	11	5	0	0	0	0	9	25
	#DIV/0!	#DIV/0!	#DIV/0!	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	

PEAK NR START TIME :	3:45 PM												
PEAK NR VOL :	0	0	0	0	0	0	2	0	0	5	TOTAL		
PEAK NR FACTOR :	0.000										0.750	0.313	0.500

CONTROL : 0

NB	0	0	0	0
WB	0	0	0	0

ITM Peak Hour Summary

Prepared by:

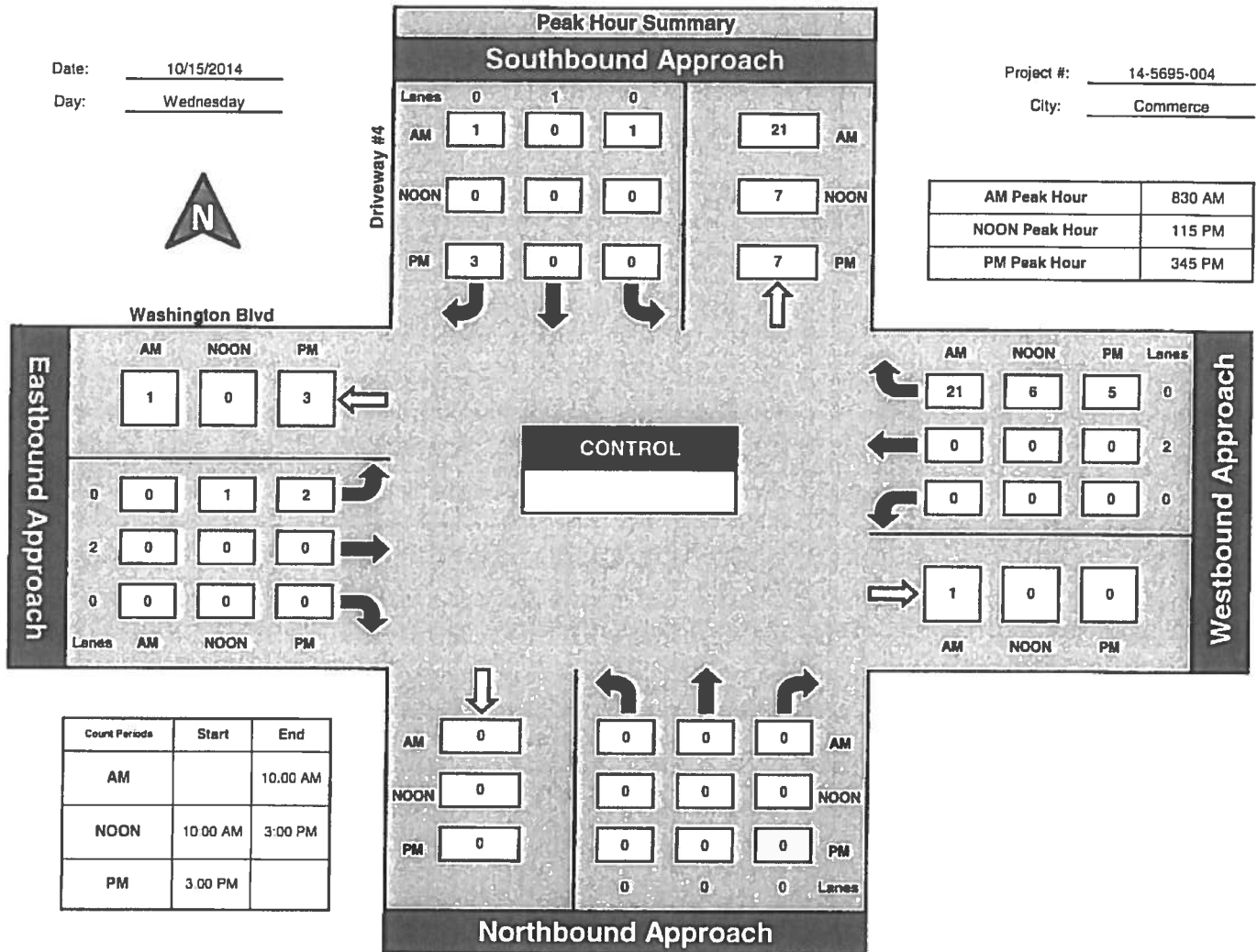


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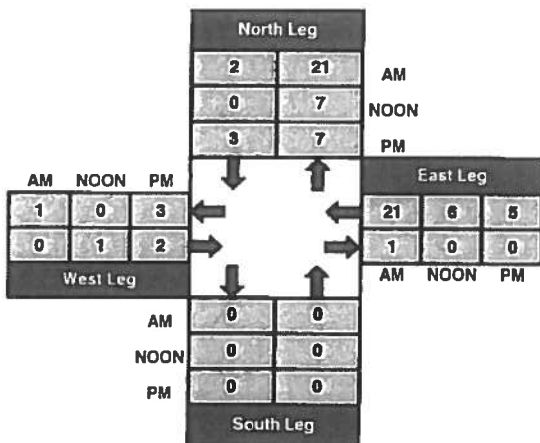
Driveway #4 and Washington Blvd, Commerce

Date: 10/15/2014
Day: Wednesday

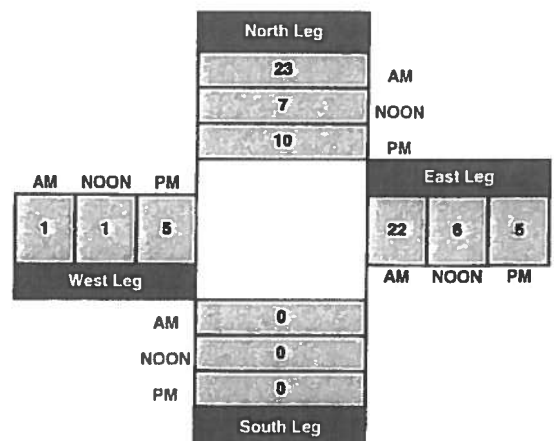
Project #: 14-5695-004
City: Commerce



Total Ins & Outs



Total Volume Per Leg



Intersection Turning Movement

National Data & Surveying Services

Prepared by:

Project ID: 14-5852-001

Day: Tuesday

City: Commerce

Date: 12/23/2014

TOTALS

NS/EW Streets:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			UTURNS			
	Fidella Ave	Fidella Ave	Washington Blvd	Fidella Ave	Washington Blvd	Washington Blvd	Washington Blvd	Washington Blvd	Washington Blvd	Washington Blvd	Washington Blvd	Washington Blvd	NB	SB	EB	WB
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL			
7:00 AM	1	1	9	4	0	2	0	123	1	9	268	3	421			
7:15 AM	0	0	16	6	0	3	0	131	3	10	283	5	457			
7:30 AM	2	2	16	10	2	3	1	145	2	14	252	8	457			
7:45 AM	5	0	10	11	0	1	1	181	3	13	239	5	469			
8:00 AM	2	1	6	11	0	1	3	148	2	9	189	8	380			
8:15 AM	3	2	27	9	1	3	1	159	1	9	174	8	397			
8:30 AM	2	1	12	11	0	4	2	132	0	9	172	4	349			
8:45 AM	7	2	17	11	0	1	0	160	2	12	187	3	402			
TOTAL VOLUMES :	22	9	113	73	3	18	8	1179	14	85	1764	44	3332			
APPROACH %'s :	15.28%	6.25%	78.47%	77.66%	3.19%	19.15%	0.67%	98.17%	1.17%	4.49%	93.19%	2.32%				

PEAK HR START TIME :	700 AM												TOTAL
PEAK HR VOL :	8	3	51	31	2	9	2	580	9	46	1042	21	1804
PEAK HR FACTOR :	0.775			0.700			0.799			0.930			0.962

CONTROL : Signalized

Intersection Turning Movement

Prepared by:
National Data & Surveying Services

Project ID: 14-5852-001

Day: Tuesday

TOTALS

City: Commerce

Date: 12/23/2014

NS/EW Streets:		Fidella Ave		Fidella Ave		Washington Blvd		Washington Blvd		UTURNS				
		NORTHBOUND		SOUTHBOUND		EASTBOUND		WESTBOUND						
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	
	0	1	0	0	1	0	1	2	0	1	2	1		
	3:00 PM	4	1	43	25	1	1	230	2	12	238	7	566	
	3:15 PM	2	0	37	14	1	1	278	6	14	215	9	579	
	3:30 PM	4	2	39	12	1	1	224	3	17	282	15	602	
	3:45 PM	9	1	48	12	4	2	1	279	0	11	265	15	647
	4:00 PM	5	1	89	22	0	2	1	210	1	9	244	10	594
	4:15 PM	1	8	59	24	1	1	1	230	0	8	252	16	601
	4:30 PM	1	2	62	22	0	5	0	199	1	15	247	13	567
	4:45 PM	0	0	55	33	3	1	0	229	1	13	230	13	578
	5:00 PM	2	2	75	34	2	1	0	129	0	22	263	20	550
	5:15 PM	2	2	79	28	5	2	0	169	2	16	270	18	593
5:30 PM	2	1	65	36	2	3	0	161	1	9	216	15	511	
5:45 PM	0	4	60	28	0	3	1	214	1	13	219	8	551	
TOTAL VOLUMES :		32	24	711	290	20	26	7	2552	18	159	2941	159	6939
APPROACH %'s :		4.17%	3.13%	92.70%	86.31%	5.95%	7.74%	0.27%	99.03%	0.70%	4.88%	90.24%	4.88%	
PEAK HR START TIME :														
PEAK HR VOL :		19	12	235	70	6	7	4	943	4	45	1043	56	2444
PEAK HR FACTOR :		0.700												
TOTAL		0.944												

CONTROL : Signalized

ITM Peak Hour Summary

Prepared by:



National Data & Surveying Services

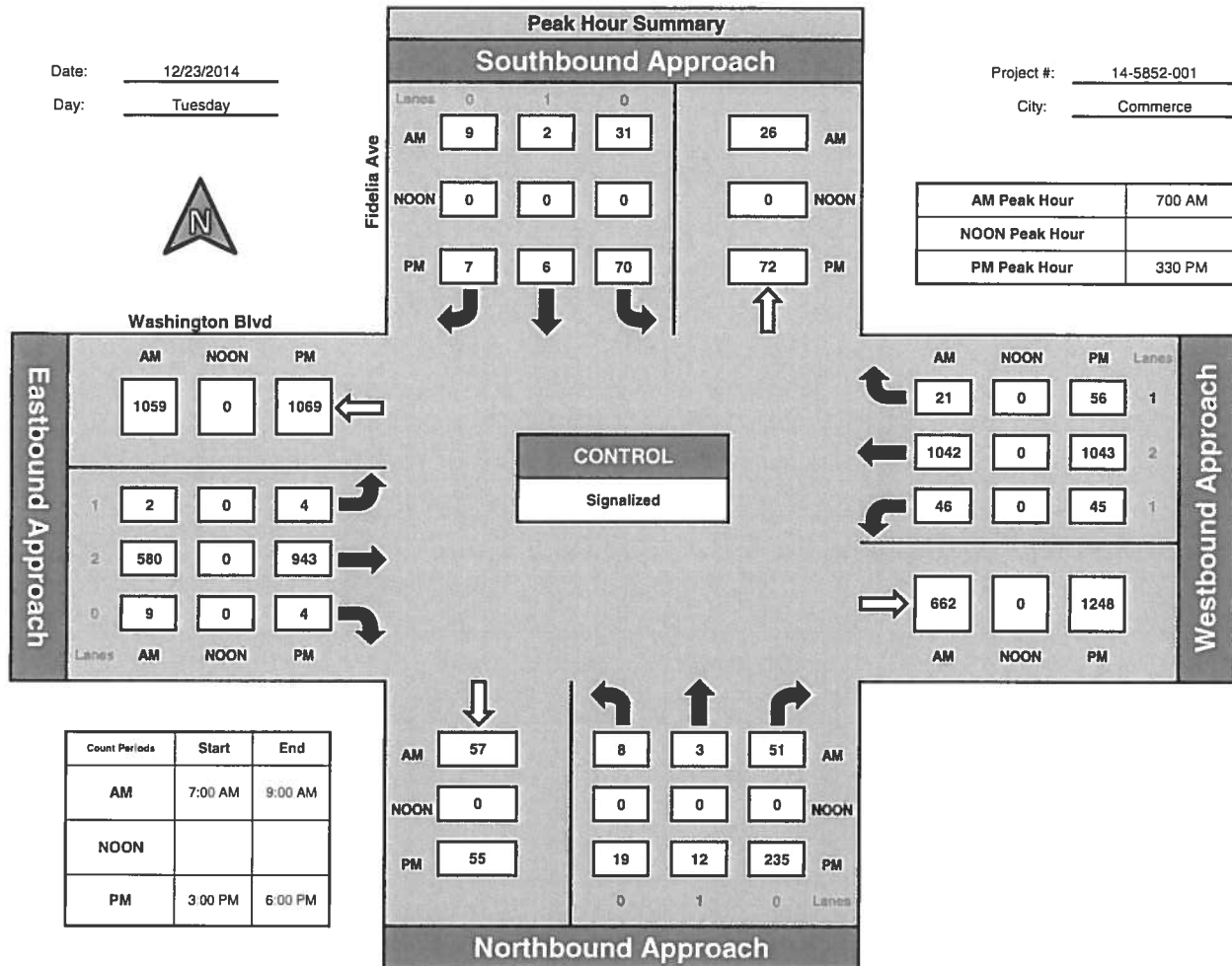
Fidelia Ave and Washington Blvd, Commerce

Date: 12/23/2014

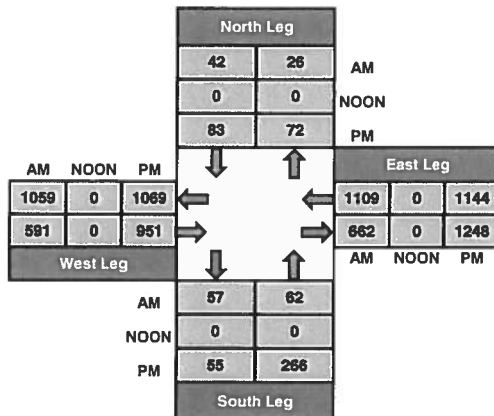
Day: Tuesday

Project #: 14-5852-001

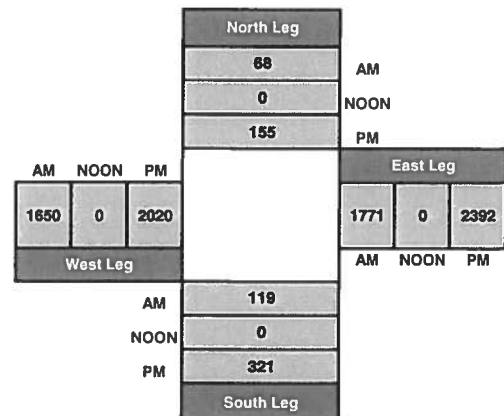
City: Commerce



Total Ins & Outs



Total Volume Per Leg



Queue/Delay Study

Location: Fidelia Ave (NS) & Washington Blvd (EW)
 City: Commerce

Day: Tuesday
 Date: 12/23/2014

Cycle	Time	Number of Vehicles in Queue		
		WB Left		
		BOG	Left Turns	EOY
1	7:00 AM	1	1	0
2		1	1	0
3		1	1	0
4		1	1	0
5		1	1	0
6	7:12 AM	4*	*	*
7	7:15 AM	1	1	0
8		1	1	0
9		3	3	0
10		3	2	1
11		2	3	0
12		1	2	0
13	7:30 AM	1*	*	*
14		1	1	0
15		1	2	0
16		1	2	0
17		2	3	0
18		2	3	0
19		1	1	0
20	7:45 AM	1	2	0
21		1	1	0
22		2	3	0
23		1	2	0
24		0	1	0
25		2	2	0
26		0	0	0
27		2	2	0
28		0	0	0
29		1	1	0
30		2	2	0
31	8:00 AM	2	2	0
32		0	1	0
33		0	0	0
34		0	0	0
35		1	1	0
36		1	2	0
37		0	0	0
38		0	0	0
39		1	1	0
40		0	0	0
41	8:15 AM	1	2	0
42		0	0	0
43		0	0	0
44		1	1	0
45		2	1	2

46		3	3	0
47		0	0	0
48		0	1	0
49	8:30 AM	2	2	0
50		2	2	0
51		1	1	0
52		1	1	0
53		0	1	0
54		0	0	0
55		1	1	0
56		0	0	0
57		0	0	0
58		0	0	0
59		0	0	0
60	8:45 AM	0	1	0
61		1	1	0
62		1	1	0
63		0	0	0
64		1	1	0
65		1	1	0
66		1	1	0
67		1	1	0
68		1	1	0
69		2	2	0
70		1	1	0

NOTES: * All vehicles turned left with no trigger

BOG = Vehicles counted at beginning of green

EOY = Vehicles counted at end of yellow.

Queue/Delay Study

Location: Fidelia Ave (NS) & Washington Blvd (EW)
City: Commerce

Day: Tuesday
Date: 12/23/2014

Cycle	Time	Number of Vehicles in Queue		
		WB Left		
		BOG	Left Turns	EOY
1	3:00 PM	2	2	0
2		1	1	0
3		3	3	0
4		1	1	0
5		1	1	0
6		2	2	1
7		1	2	0
8	3:15 PM	1	1	0
9		2	2	0
10		3	3	0
11		2	2	0
12		1	2	0
13		1	1	0
14		1	1	0
15	3:30 PM	2	2	0
16		1	1	0
17		1	2	1
18		1	1	0
19		3	3	0
20		1	1	0
21		2	3	0
22		2	3	0
23		3	3	0
24	3:45 PM	1	0	0
25		1	1	0
26		1	2	0
27		1	1	0
28		1	1	0
29		3	3	0
30		1	3	0
31	4:00 PM	3	3	0
32		1	1	0
33		3	3	0
34		1	1	0
35		1	1	0
36	4:15 PM	2	2	0
37		1	1	0
38		2	2	0
39		2	2	0
40		4	4	0
41	4:30 PM	1	1	0
42		-	-	-
43		1	1	0
44		1	1	0
45		2	3	0

46		1	1	0
47		3	3	0
48		1	2	0
49	4:45 PM	2	2	0
50		4	4	0
51		2	2	0
52		1	1	0
53		2	2	0
54		2	2	0
55		1	1	0
56		1	1	0
57	5:00 PM	4	4	0
58		4	2	2*
59		3	3	0
60		3	3	0
61		2	2	0
62		4	3	1
63		4	4	0
64		6	6	0
65	5:15 PM	2	2	0
66		4	5	0
67		2	2	0
68		4	4	0
69		1	1	0
70		-	-	-
71		1	1	0
72		3	3	0
73	5:30 PM	2	2	1
74		1	1	0
75		2	2	0
76		-	-	-
77		1	1	0
78		2	2	0
79		3	3	0
80	5:45 PM	2	2	0
81		3	3	0
82		3	3	0
83		2	2	0
84		3	3	0
85		1	1	0
86		-	-	-

NOTES:

* BOG = Vehicles counted at beginning of green

* EOY = Vehicles counted at end of yellow.