



# MEMORANDUM

DEPARTMENT OF POLICE



John R. Hohensee  
Chief of Police

DATE: July 16, 2011  
TO: John R. Hohensee, Police Chief  
FROM: Carlos Villanueva, Patrol Sergeant (Thru Channels)  
SURVEY: Chapman Field Drive  
BETWEEN: 63 Ct and 64 Ct  
AT: 6400 Chapman Field Drive

*OH* 8/2/11

*OH* APPROVED  
CHIEF OF POLICE

*OH* 8/2/11

The results of the Traffic Survey at **Chapman Dr. and 64<sup>th</sup> Avenue** revealed the following information:

July 5, 2011 to July 16, 2011

- The Monday thru Friday average on a one-week period was 5,733 vehicles daily.
- The weekly average on a one-week period was 5,694 vehicles daily.
- On average, 67% of the vehicles traveled eastbound and 33% traveled westbound on Chapman Drive.
- The heaviest traffic (peak times) was 7:30AM and 5:00PM.
- The average daily speed on this road was 31MPH, the minimum speed recorded was 5MPH, and the maximum speed recorded was 49MPH. The 85 percentile was 37 MPH.
- The speed limit at this location is 35 MPH.
- The only recommendation to make for this location at this time is to assign officers on a traffic enforcement detail periodically.

Chapman/64Av:  
Chapman and 6:  
Description 3:

Site: 0000000000000

Weekly Volume

Interval	Mon 7/11/2011		Tue 7/12/2011		Wed 7/13/2011		Thu 7/14/2011		Fri 7/15/2011		Sat 7/16/2011		Sun 7/17/2011		Mon - Fri Average		Week Average		
	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	
12:00 AM	11	5	24	6	16	8	10	3	16	4	26	12	-	-	15.4	5.2	17.2	6.3	
1:00 AM	8	3	7	2	7	4	6	1	10	2	22	8	-	-	7.6	2.4	10.0	3.3	
2:00 AM	0	5	7	4	4	4	5	2	8	5	14	4	-	-	4.8	4.0	6.3	4.0	
3:00 AM	0	2	3	3	3	1	5	2	10	2	9	2	-	-	3.8	2.0	4.7	2.0	
4:00 AM	2	2	0	4	0	0	2	1	6	2	2	2	-	-	2.0	2.0	2.0	2.0	
5:00 AM	8	10	9	11	4	8	11	10	2	9	6	7	-	-	6.8	9.6	6.7	9.2	
6:00 AM	24	59	25	47	21	47	26	40	36	60	12	6	-	-	26.4	50.6	24.0	43.2	
7:00 AM	62	192	82	207	85	182	61	198	60	151	25	10	-	-	70.0	186.0	62.5	156.7	
8:00 AM	115	237	114	300	113	281	111	265	107	230	-	-	-	-	112.0	262.6	112.0	262.6	
9:00 AM	162	141	159	166	157	182	134	144	148	158	-	-	-	-	152.0	158.2	152.0	158.2	
10:00 AM	169	94	199	104	184	112	178	114	207	107	-	-	-	-	187.4	106.2	187.4	106.2	
11:00 AM	235	117	202	110	216	107	219	114	261	128	-	-	-	-	226.6	115.2	226.6	115.2	
12:00 PM	270	100	247	105	267	126	254	107	307	112	-	-	-	-	269.0	110.0	269.0	110.0	
1:00 PM	280	125	298	98	282	112	325	131	339	112	-	-	-	-	304.8	115.6	304.8	115.6	
2:00 PM	261	120	309	116	287	97	326	155	334	117	-	-	-	-	303.4	121.0	303.4	121.0	
3:00 PM	280	97	325	106	284	100	428	133	383	119	-	-	-	-	340.0	111.0	340.0	111.0	
4:00 PM	310	80	334	99	295	100	436	96	393	107	-	-	-	-	353.6	96.4	353.6	96.4	
5:00 PM	374	102	345	116	379	124	503	140	430	112	-	-	-	-	406.2	118.8	406.2	118.8	
6:00 PM	311	71	291	97	344	93	398	100	371	98	-	-	-	-	343.0	91.8	343.0	91.8	
7:00 PM	260	76	238	84	281	80	347	79	277	103	-	-	-	-	280.6	84.4	280.6	84.4	
8:00 PM	171	47	173	53	179	41	283	69	202	67	-	-	-	-	201.6	55.4	201.6	55.4	
9:00 PM	127	42	150	33	130	29	174	35	158	46	-	-	-	-	147.8	37.0	147.8	37.0	
10:00 PM	52	12	55	13	64	22	86	21	95	30	-	-	-	-	70.4	19.6	70.4	19.6	
11:00 PM	5	10	25	12	22	14	19	8	39	12	-	-	-	-	22.0	11.2	22.0	11.2	
<b>Totals</b>	<b>3497</b>	<b>1749</b>	<b>3619</b>	<b>1896</b>	<b>3624</b>	<b>1875</b>	<b>4347</b>	<b>1968</b>	<b>4199</b>	<b>1893</b>	<b>116</b>	<b>51</b>	<b>-</b>	<b>-</b>	<b>3857.2</b>	<b>1876.2</b>	<b>3853.7</b>	<b>1841.1</b>	
Combined Split (%)	5246	33.3	5515	34.4	5499	34.1	6315	31.2	6092	31.1	167	30.5	-	-	5733.4	32.7	5694.8	67.7	32.3
Peak Hours																			
12:00 AM -	11:00 AM	7:30 AM	11:00 AM	7:45 AM	11:00 AM	7:45 AM	11:00 AM	7:45 AM	11:00 AM	7:45 AM	12:00 AM	12:00 AM	-	-	11:00 AM	7:45 AM	11:00 AM	8:00 AM	8:00 AM
Volume Factor	235	0.84	202	0.75	216	0.78	219	0.84	261	0.93	26	0.81	12	0.60	226.6	0.91	226.6	0.90	0.88
12:00 PM -	5:15 PM	1:30 PM	5:15 PM	5:15 PM	5:15 PM	12:00 PM	5:15 PM	1:30 PM	5:15 PM	1:30 PM	-	-	-	-	5:15 PM	1:30 PM	5:15 PM	1:30 PM	1:30 PM
Volume Factor	383	0.93	350	0.83	407	0.92	506	0.91	435	0.95	-	-	-	-	416.2	0.93	416.2	0.96	0.93

Weekly Volume

Interval	Mon 7/4/2011		Tue 7/5/2011		Wed 7/6/2011		Thu 7/7/2011		Fri 7/8/2011		Sat 7/9/2011		Sun 7/10/2011		Mon - Fri Average		Week Average	
	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou
12:00 AM	-	-	-	-	13	6	11	8	16	15	27	13	30	14	13.3	9.7	19.4	11.2
1:00 AM	-	-	-	-	7	3	4	8	5	3	12	5	5	17	5.3	4.7	9.0	7.2
2:00 AM	-	-	-	-	3	3	6	1	8	2	11	6	16	4	5.7	2.0	8.8	3.2
3:00 AM	-	-	-	-	3	2	1	3	1	2	9	3	4	3	1.7	2.3	3.6	2.6
4:00 AM	-	-	-	-	1	3	0	2	1	1	3	5	3	2	0.7	2.0	1.6	2.6
5:00 AM	-	-	-	-	8	16	6	8	13	14	4	4	5	4	9.0	12.7	7.2	9.2
6:00 AM	-	-	-	-	27	57	19	63	29	50	12	13	7	6	25.0	56.7	18.8	37.8
7:00 AM	-	-	-	-	60	192	63	190	70	179	28	35	22	19	64.3	187.0	48.6	123.0
8:00 AM	-	-	-	-	119	261	113	258	125	232	66	74	35	22	119.0	250.3	91.6	169.4
9:00 AM	-	-	-	-	152	173	135	189	186	173	137	97	79	42	157.7	178.3	137.8	134.8
10:00 AM	-	-	-	-	200	122	187	142	226	120	204	107	109	68	204.3	128.0	185.2	111.8
11:00 AM	-	-	-	-	224	118	205	108	250	132	241	131	178	79	226.3	119.3	219.6	113.6
12:00 PM	-	-	-	-	303	125	242	119	288	144	280	134	202	103	277.7	129.3	263.0	125.0
1:00 PM	-	-	-	-	278	126	275	117	348	132	305	143	225	102	300.3	125.0	286.2	124.0
2:00 PM	-	-	-	-	307	120	313	124	323	150	292	115	200	81	314.3	131.3	287.0	118.0
3:00 PM	-	-	-	-	307	123	311	120	355	139	275	97	189	65	324.3	127.3	287.4	108.8
4:00 PM	-	-	-	-	350	105	355	125	360	130	280	82	179	66	355.0	120.0	304.8	101.6
5:00 PM	-	-	-	-	431	137	397	141	418	127	229	88	170	67	415.3	135.0	329.0	112.0
6:00 PM	-	-	-	-	316	93	342	104	352	118	221	101	169	67	336.7	105.0	280.0	96.6
7:00 PM	-	-	-	-	322	92	249	97	275	124	223	98	151	67	282.0	104.3	244.0	95.6
8:00 PM	-	-	-	-	210	51	167	64	194	72	140	59	110	48	179.4	59.4	159.6	57.3
9:00 PM	-	-	-	-	139	40	138	35	177	47	109	55	86	32	140.5	39.8	126.2	41.0
10:00 PM	-	-	-	-	65	21	65	28	87	33	77	27	62	16	68.3	25.5	68.7	24.2
11:00 PM	-	-	-	-	32	14	26	16	49	24	37	18	21	10	30.3	14.3	29.8	14.2
Totals	-	-	235	81	3877	2003	3630	2070	4156	2163	3222	1510	2269	1004	3856.4	2069.3	3416.9	1744.6
Combined Split (%)	-	-	316	25.6	5880	34.1	5700	36.3	6319	34.2	4732	31.9	3273	30.7	5925.7	34.9	5161.5	33.8
Peak_Hours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 AM -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volume Factor	-	-	-	-	224	270	209	274	256	245	241	131	178	81	226.3	262.3	219.6	174.0
12:00 PM -	-	-	-	-	0.90	0.82	0.95	0.93	0.94	0.88	0.81	0.86	0.91	0.88	0.93	0.89	0.94	0.88
Volume Factor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM -	-	-	8:45 PM	8:45 PM	5:00 PM	4:45 PM	5:15 PM	5:00 PM	5:00 PM	1:30 PM	1:00 PM	1:00 PM	1:00 PM	12:00 PM	5:00 PM	1:30 PM	5:00 PM	1:30 PM
Volume Factor	-	-	125	43	431	139	406	141	418	158	305	143	225	103	415.3	141.0	329.0	128.8
Volume Factor	-	-	0.78	0.77	0.86	0.83	0.83	0.84	0.94	0.92	0.85	0.97	0.89	0.92	0.91	0.93	0.92	0.95

