

CTS ENGINEERS, INC.

MANUAL COUNT DATA COLLECTION SHEET

LOCATION: NE 78th & NE Fourth Plain Blvd.
 N/S STREET: NE 78th St. Av.
 E/W STREET: NE Fourth Plain Blvd.
 PEAK: PM
 Job No. OR05.096.T01

DATE: Wednesday Jun 14, 2006
 CONDITIONS: Cloudy/Slight Drizzle

TIME PERIOD: 4:00 PM to 6:00 PM
 OBSERVERS: Daniel Johnson
 Compiled By: Daniel Johnson

TRAFFIC VOLUMES:

STARTING TIME		Southbound			Westbound			Northbound			Eastbound			SUM	15 MIN TOTAL
		LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT		
4:00 PM	AUTO	33	6	55	7	83	35	16	4	9	71	112	5	436	
	HV*	0	0	0	0	2	0	0	0	0	0	2	0	4	440
4:15 PM	AUTO	30	6	67	5	81	36	13	2	8	64	128	8	448	
	HV*	0	0	0	1	3	0	0	0	0	0	1	0	5	453
4:30 PM	AUTO	32	5	71	10	77	39	9	3	5	46	135	15	447	
	HV*	0	0	0	0	0	0	0	0	0	0	0	1	1	448
4:45 PM	AUTO	36	4	70	22	92	39	11	6	7	74	123	6	490	
	HV*	0	0	0	0	0	0	0	0	0	0	0	0	0	490
5:00 PM	AUTO	43	8	77	15	97	29	7	6	9	66	128	7	492	
	HV*	1	0	0	0	1	0	0	0	0	0	1	0	3	495
5:15 PM	AUTO	40	11	75	10	105	32	20	7	3	75	170	16	564	
	HV*	0	0	0	0	1	0	0	0	0	0	2	0	3	567
5:30 PM	AUTO	39	7	69	11	117	48	13	12	15	93	164	26	614	
	HV*	0	0	0	0	1	0	0	0	0	0	2	0	3	617
5:45 PM	AUTO	27	8	58	4	83	38	5	5	4	60	113	37	442	
	HV*	0	0	0	0	0	0	1	0	0	0	0	0	1	443

HOURLY SUMMARIES:

STARTING TIME		Southbound			Westbound			Northbound			Eastbound			SUM	HOUR TOTAL
		LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT		
4:00 PM	AUTO	131	21	263	44	333	149	49	15	29	255	498	34	1821	
	HV*	0	0	0	1	5	0	0	0	0	0	3	1	10	1831
4:15 PM	AUTO	141	23	285	52	347	143	40	17	29	250	514	36	1877	
	HV*	1	0	0	1	4	0	0	0	0	0	2	1	9	1886
4:30 PM	AUTO	151	28	293	57	371	139	47	22	24	261	556	44	1993	
	HV*	1	0	0	0	2	0	0	0	0	0	3	1	7	2000
4:45 PM	AUTO	158	30	291	58	411	148	51	31	34	308	585	55	2160	
	HV*	1	0	0	0	3	0	0	0	0	0	5	0	9	2169
5:00 PM	AUTO	149	34	279	40	402	147	45	30	31	294	575	86	2112	
	HV*	1	0	0	0	3	0	1	0	0	0	5	0	10	2122

PHF	0.930	0.876	0.725	0.836	0.879
V	480	620	116	953	2169
V(q)	129	177	40	285	617
HV%	0.2%	0.5%	0.0%	0.5%	0.4%

PEAK HOUR
 PHF = PEAK HOUR FACTOR
 V = PEAK HOUR VOLUMES
 V(q) = PEAK QUARTER HOUR FLOW
 HV% = PEAK HOUR HEAVY VEHICLE PERCENTAGES

* HV REPRESENTS HEAVY VEHICLES (BUSES AND TRUCKS)