

CTS ENGINEERS, INC.
MANUAL COUNT DATA COLLECTION SHEET

LOCATION: NE 132nd Ave. / NE 119th St.
 N/S STREET: NE 132nd Ave.
 E/W STREET: NE 119th St.
 PEAK: PM
 Job No. OR06.036.T01

DATE: Wednesday May 10, 2006
 CONDITIONS: Clear/Dry

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

TRAFFIC VOLUMES:

STARTING TIME	AUTO HV*	Southbound			Westbound			Northbound			Eastbound			SUM	15 MIN TOTAL**
		LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT		
4:00 PM	AUTO HV*		1	1	1	20		2	2	4	32	4	67		
4:15 PM	AUTO HV*		2	4	0	34		2	4	1	8	47	105	71	
4:30 PM	AUTO HV*		1	5	2	28	2	2	4	1	2	47	97	107	
4:45 PM	AUTO HV*		2	2	1	54	0	0	3	2	5	48	121	99	
5:00 PM	AUTO HV*		0	3	0	38	0	2	1	2	9	59	117	123	
5:15 PM	AUTO HV*		2	1	0	36	0	2	3	3	8	46	109	119	
5:30 PM	AUTO HV*		0	2	0	28	0	3	2	2	7	55	102	109	
5:45 PM	AUTO HV*		1	2	1	44	3	0	6	2	6	53	120	102	
											1	1	122	122	

HOURLY SUMMARIES:

STARTING TIME	AUTO HV*	Southbound			Westbound			Northbound			Eastbound			SUM	HOUR TOTAL
		LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT	LEFT	THRU	RIGHT		
4:00 PM	AUTO HV*	2	6	11	5	136	2	4	13	6	19	174	12	390	
4:15 PM	AUTO HV*	2	8	10	6	154	2	6	12	6	24	201	9	440	395
4:30 PM	AUTO HV*	4	7	6	9	156	2	6	11	8	24	200	11	444	444
4:45 PM	AUTO HV*	4	8	1	8	156	2	7	9	9	29	208	10	449	447
5:00 PM	AUTO HV*	3	8	1	7	146	3	7	12	9	30	213	9	448	451
											1	1	2	450	450

PHF	0.650	0.724	0.781	0.895	0.917
V	13	168	25	247	451
V(p)	5	58	8	69	123

PHF = PEAK HOUR FACTOR
 V = PEAK HOUR VOLUME
 V(p) = PEAK QUARTER HOUR FLOW

* HV REPRESENTS HEAVY VEHICLES (BUSES AND TRUCKS)