

# CTS ENGINEERS, INC.

## MANUAL COUNT DATA COLLECTION SHEET

LOCATION: **St Johns Road/NE 50th Avenue/NE 94th Street**  
 N/S STREET: **NE 50th Avenue/NE 94th Street**  
 E/W STREET: **St Johns Road**  
 PEAK: **PM**  
 Job No. **OR03.026.T01 Victoria's Court**

DATE: **Thursday Jun 05, 2003**  
 CONDITIONS: **Sunny/Dry**

TIME PERIOD: **4:00 PM to 6:00 PM**  
 OBSERVERS: **SFM**  
 Compiled By: **SFM**

### 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*												0	0	
4:15 PM	AUTO HV*												0	0	
4:30 PM	AUTO HV*												0	0	
4:45 PM	AUTO HV*			37	1	98	1				96	111	344	344	
5:00 PM	AUTO HV*			60	0	85	0				93	127	365	365	
5:15 PM	AUTO HV*			52	0	70	1				106	142	373	373	
5:30 PM	AUTO HV*			70	2	66	1			1	84	112	336	336	
5:45 PM	AUTO HV*			54	0	54	0	1		0	83	94	286	286	

### 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*			37	1	98	1				96	111	344	344	
4:15 PM	AUTO HV*			97	1	183	1				189	238	709	709	
4:30 PM	AUTO HV*			149	1	253	2			1	295	380	1082	1082	
4:45 PM	AUTO HV*			219	3	319	3			2	379	492	1418	1418	
5:00 PM	AUTO HV*			236	2	275	2	1		2	366	475	1360	1360	

PHF	0.782	0.813	0.500	0.876	0.950
V	219	325	2	872	1418
V(p)	70	100	1	249	373

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

\* HV REPRESENTS HEAVY VEHICLES (BUSES AND TRUCKS)  
 \*\* TOTAL REPRESENTS AUTO + HV(2)