

City of Rochester Hills
 Department of Public Service
 1000 Rochester Hills Dr., Rochester Hills, MI 48309
 Phone: 248-656-4640

Type: Traffic Speed Study
 Weather: Sunny, Overcast, Rain
 Pavement: Concrete
 Counter: 7
 NB to SB

Site Code: 000000004503
 Station ID: NGrandviewEdgemont
 Grandview S of Edgemont, Sec. 5
 NB on Grandview

Start Time	0	16	21	26	31	36	41	46	51	56	61	66	71	76	Latitude: 0' 0.000 Undefined		
	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	85th Percent	95th Percent
02/04/04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	1	2	9	13	7	1	0	0	0	0	0	0	0	0	*	*	*
11:00	2	1	8	15	5	0	0	0	0	0	0	0	0	0	33	32	34
12 PM	2	2	7	13	4	1	0	0	0	0	0	0	0	0	31	30	33
13:00	2	4	8	17	11	1	0	0	0	0	0	0	0	0	29	31	34
14:00	1	2	7	26	4	0	0	0	0	0	0	0	0	0	43	33	35
15:00	3	4	10	27	13	0	0	0	0	0	0	0	0	0	40	30	32
16:00	3	3	19	26	11	1	0	0	0	0	0	0	0	0	57	32	34
17:00	2	9	15	33	11	0	0	0	0	0	0	0	0	0	63	31	34
18:00	0	5	20	44	11	3	0	1	0	0	0	0	0	0	70	30	33
19:00	2	5	33	32	6	2	0	0	0	0	0	0	0	0	84	31	35
20:00	4	3	24	35	6	0	0	0	0	0	0	0	0	0	80	30	33
21:00	0	2	15	24	6	0	0	0	0	0	0	0	0	0	72	30	31
22:00	3	2	18	13	6	2	0	0	0	0	0	0	0	0	47	30	33
23:00	1	1	6	7	2	1	0	0	0	0	0	0	0	0	44	31	35
Total	26	45	199	325	103	12	0	1	0	0	0	0	0	0	18	30	32
Percent	3.7%	6.3%	28.0%	45.7%	14.5%	1.7%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	711		
AM Peak	11:00	10:00	10:00	11:00	10:00	10:00											
Volume	2	2	9	15	7	1									10:00		
PM Peak	20:00	17:00	19:00	18:00	15:00	18:00		18:00							33		
Volume	4	9	33	44	13	3		1							18:00		
															84		

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Start Time	0	16	21	26	31	36	41	46	51	56	61	66	71	76	Latitude: 0' 0.000 Undefined	Total	85th Percent	95th Percent
02/05/04	15	20	25	30	35	40	45	50	55	60	65	70	75	999				
01:00	0	1	3	5	2	0	0	0	0	0	0	0	0	0		11	30	31
02:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0		3	27	27
03:00	1	0	0	1	1	0	0	0	0	0	0	0	0	0		2	27	27
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3	31	31
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	*	*
06:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0		0	*	*
07:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0		2	31	31
08:00	0	4	7	6	0	0	0	0	0	0	0	0	0	0		4	21	22
09:00	0	0	3	5	0	0	0	0	0	0	0	0	0	0		17	27	29
10:00	2	0	13	11	2	0	0	0	0	0	0	0	0	0		8	29	30
11:00	1	2	5	12	3	0	0	0	0	0	0	0	0	0		28	29	31
12 PM	2	2	9	11	6	0	0	0	0	0	0	0	0	0		23	30	32
13:00	3	2	16	14	5	2	0	0	0	0	0	0	0	0		30	31	33
14:00	0	2	10	14	5	1	0	0	0	0	0	0	0	0		42	31	35
15:00	3	6	16	17	7	2	0	0	0	0	0	0	0	0		32	31	34
16:00	1	5	22	29	4	1	0	0	0	0	0	0	0	0		51	31	34
17:00	4	6	18	30	13	0	0	0	0	0	0	0	0	0		62	30	32
18:00	3	8	29	38	5	0	0	0	0	0	0	0	0	0		71	31	33
19:00	2	5	33	52	9	0	0	0	0	0	0	0	0	0		83	29	31
20:00	1	4	26	27	3	0	0	0	0	0	0	0	0	0		101	30	32
21:00	1	0	15	25	5	0	0	0	0	0	0	0	0	0		61	29	30
22:00	1	6	11	22	2	0	0	0	0	0	0	0	0	0		46	30	33
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*		42	29	30
Total	27	54	238	324	73	6	0	0	0	0	0	0	0	0		722		
Percent	3.7%	7.5%	33.0%	44.9%	10.1%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	07:00	08:00	10:00	11:00	11:00													
Volume	2	4	13	12	3											10:00		
PM Peak	17:00	18:00	19:00	19:00	17:00	13:00										28		
Volume	4	8	33	52	13	2										19:00		
Grand Total	53	99	437	649	176	18	0	1	0	0	0	0	0	0		101		
Percent	3.7%	6.9%	30.5%	45.3%	12.3%	1.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		1433		

15th Percentile : 21 MPH
 50th Percentile : 26 MPH
 85th Percentile : 30 MPH
 95th Percentile : 34 MPH

Statistics
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 1086
 Percent in Pace : 75.8%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 26 MPH

Type: Traffic Speed Study
 Weather: Sunny, Overcast, Rain
 Pavement: Concrete
 Counter: 7
 SB to NB

Site Code: 00000004503
 Station ID: NGrandviewEdgemont
 Grandview S of Edgemont, Sec. 5
 NB on Grandview

Start Time	0	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
02/04/04	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	0	2	10	17	9	0	0	0	0	0	0	0	0	0	38	32	34
11:00	2	0	7	19	10	0	0	0	0	0	0	0	0	0	38	32	34
12 PM	2	1	7	22	5	0	0	0	0	0	0	0	0	0	38	30	34
13:00	0	4	10	14	2	1	0	0	0	0	0	0	0	1	31	29	31
14:00	1	1	9	12	9	0	0	0	0	0	0	0	0	0	32	32	34
15:00	3	1	11	14	8	1	0	0	0	0	0	0	0	0	38	32	34
16:00	0	1	11	15	5	0	0	0	0	0	0	0	0	0	33	31	34
17:00	2	2	8	19	6	2	0	0	0	0	0	0	0	1	41	33	37
18:00	0	1	9	11	1	0	0	0	0	0	0	0	1	0	22	29	30
19:00	0	2	12	23	6	1	0	0	0	0	0	0	0	0	44	30	34
20:00	1	4	9	21	6	1	0	0	0	0	0	0	0	0	42	31	34
21:00	0	1	0	9	1	0	0	0	0	0	0	0	0	0	11	29	30
22:00	0	1	2	7	1	0	0	0	0	0	0	0	0	0	11	29	30
23:00	0	0	4	6	0	0	0	0	0	0	0	0	0	0	10	28	29
Total	11	21	109	209	69	6	0	0	0	0	0	0	1	3	429		
Percent	2.6%	4.9%	25.4%	48.7%	16.1%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.7%			
AM Peak	11:00	10:00	10:00	11:00	11:00												10:00
Volume	2	2	10	19	10												38
PM Peak	15:00	13:00	19:00	19:00	14:00	17:00							17:00	12:00	19:00		
Volume	3	4	12	23	9	2							1	1	44		

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 NB on Grandview

Start Time	0	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Latitude: 0' 0.000 Undefined		
02/05/04	0	0	0	3	0	1	0	0	0	0	0	0	0	0	4	28	36
01:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	36	36
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	*	*
06:00	4	1	6	6	3	0	0	0	0	0	0	0	0	0	1	31	31
07:00	3	2	12	27	9	0	0	0	0	0	0	0	0	0	20	30	32
08:00	2	7	25	25	9	0	0	0	0	0	0	0	0	0	53	31	33
09:00	3	10	14	29	9	1	0	0	0	0	0	0	0	0	68	30	33
10:00	0	3	19	23	5	0	0	0	0	0	0	0	0	0	66	30	34
11:00	2	1	14	15	14	0	0	0	0	0	0	0	0	0	50	30	32
12 PM	2	4	9	12	5	0	0	0	0	0	0	0	0	0	46	33	34
13:00	3	2	10	12	9	1	0	0	0	0	0	0	0	0	32	30	33
14:00	0	3	13	4	4	0	0	1	0	0	0	0	0	0	38	33	35
15:00	3	0	4	18	5	1	0	0	0	0	0	0	0	0	25	31	34
16:00	2	3	14	30	5	0	0	0	0	0	0	0	0	0	31	31	34
17:00	1	4	9	18	5	0	0	0	0	0	0	0	0	0	54	30	32
18:00	4	3	7	19	8	1	0	0	1	0	0	0	0	0	37	30	33
19:00	2	1	13	20	8	0	0	1	0	0	0	0	0	0	43	32	35
20:00	0	2	11	20	2	0	0	0	0	0	0	0	0	0	45	31	34
21:00	2	0	4	8	3	0	0	0	0	0	0	0	0	0	35	30	30
22:00	0	2	4	8	1	0	0	0	0	0	0	0	0	0	17	30	32
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15	29	30
Total	36	48	188	297	106	6	0	2	1	0	0	0	0	1	685		
Percent	5.3%	7.0%	27.4%	43.4%	15.5%	0.9%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%			
AM Peak	06:00	09:00	08:00	09:00	11:00	00:00											08:00
Volume	4	10	25	29	14	1											68
PM Peak	18:00	12:00	16:00	16:00	13:00	13:00		14:00	18:00								
Volume	4	4	14	30	9	1		1	1						1		16:00
Grand Total	47	69	297	506	175	12	0	2	1	0	0	0	1	4	1114		
Percent	4.2%	6.2%	26.7%	45.4%	15.7%	1.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.4%			

15th Percentile : 21 MPH
 50th Percentile : 27 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Statistic
 s
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 803
 Percent in Pace : 72.1%
 Number of Vehicles > 55 MPH : 5
 Percent of Vehicles > 55 MPH : 0.4%
 Mean Speed(Average) : 27 MPH