

City of Rochester Hills

1000 Rochester Hills Drive
Rochester Hills, MI 48309

Paul G. Shumejko, P.E., PTOE - Transportation Engineer

Site Code: Study 2of3
Station ID: Speed Study
Clear Creek Drive
Bet. Majestic & Quarry
Latitude: 0' 0.0000 Undefined

Northbound, Southbound

Start Time	1	21	23	25	27	29	31	33	35	37	39	41	43	45	Total	85th Percent	95th Percent
05/20/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	6	3	6	9	13	17	12	14	2	0	0	0	1	0	83	32	33
10:00	2	4	2	11	12	10	7	10	0	2	4	1	0	1	66	33	38
11:00	1	9	5	14	10	14	18	16	4	5	2	0	0	1	99	33	36
12 PM	5	7	6	18	14	12	12	9	6	3	0	2	0	0	94	33	36
13:00	5	2	5	9	11	16	8	8	8	3	1	2	1	0	79	34	38
14:00	6	4	12	10	13	28	21	13	6	4	3	0	1	1	122	33	36
15:00	6	4	3	5	21	23	16	9	6	4	2	1	0	0	100	33	37
16:00	8	4	11	14	25	31	15	18	7	4	1	0	0	1	139	33	35
17:00	4	9	6	12	31	43	24	19	6	2	3	2	1	1	163	32	35
18:00	8	6	9	23	25	28	23	14	5	1	0	2	0	0	144	32	34
19:00	5	5	9	16	19	12	14	10	2	1	1	0	0	0	94	31	33
20:00	2	2	7	10	19	20	18	10	6	2	0	0	0	0	96	32	35
21:00	1	3	2	5	11	4	7	6	5	6	0	0	0	0	50	35	37
22:00	0	0	2	3	7	8	10	2	1	1	0	0	0	0	34	31	34
23:00	0	0	0	2	5	7	9	3	3	0	0	0	0	0	29	33	35
Total	59	62	85	161	236	273	214	161	67	38	17	10	4	5	1392		
Percent	4.2%	4.5%	6.1%	11.6%	17.0%	19.6%	15.4%	11.6%	4.8%	2.7%	1.2%	0.7%	0.3%	0.4%			
AM Peak	09:00	11:00	09:00	11:00	09:00	09:00	11:00	11:00	11:00	11:00	10:00	10:00	09:00	10:00	11:00		
Vol.	6	9	6	14	13	17	18	16	4	5	4	1	1	1	99		
PM Peak	16:00	17:00	14:00	18:00	17:00	17:00	17:00	17:00	13:00	21:00	14:00	12:00	13:00	14:00	17:00		
Vol.	8	9	12	23	31	43	24	19	8	6	3	2	1	1	163		

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Start Time	1	21	23	25	27	29	31	33	35	37	39	41	43	45	Total	85th Percent	95th Percent
05/21/14	0	0	2	1	2	0	1	0	1	2	1	0	0	1	11	37	39
01:00	0	0	0	0	2	2	5	2	1	0	0	0	0	0	12	33	34
02:00	0	0	1	1	1	1	3	1	1	0	0	0	0	0	9	33	35
03:00	0	0	0	1	0	0	0	2	0	1	0	0	0	0	4	36	37
04:00	0	0	0	0	0	1	1	1	0	1	1	0	0	0	5	38	39
05:00	0	0	0	0	0	0	1	1	1	0	1	0	0	0	4	38	39
06:00	0	0	6	5	4	7	8	7	8	0	1	0	0	0	46	34	35
07:00	5	4	12	14	29	37	44	21	9	4	2	1	0	0	182	32	35
08:00	4	1	10	9	17	18	25	11	7	8	0	2	0	0	112	34	37
09:00	3	0	3	4	13	12	16	7	3	1	1	1	0	0	64	32	35
10:00	3	2	6	7	11	9	13	12	3	7	5	0	0	0	78	36	38
11:00	1	1	4	5	17	15	15	11	8	5	1	0	1	0	84	34	37
12 PM	4	1	5	4	13	13	11	8	6	3	1	0	0	0	69	33	36
13:00	1	4	1	11	9	12	13	12	6	7	1	0	0	0	77	34	37
14:00	4	5	5	14	20	21	37	14	12	8	6	2	0	0	148	34	38
15:00	5	2	9	4	14	21	31	20	12	1	1	2	0	0	122	33	35
16:00	4	4	3	15	27	29	32	21	12	4	3	0	0	0	154	33	35
17:00	2	0	1	13	19	26	36	19	18	9	2	2	0	1	148	34	37
18:00	2	1	3	9	14	26	23	11	19	8	3	1	1	1	122	35	37
19:00	7	3	6	16	20	26	15	13	6	2	0	0	0	0	114	32	34
20:00	2	1	6	18	30	23	20	12	5	2	0	0	1	0	120	32	34
21:00	3	1	5	9	12	15	11	5	6	2	0	0	0	1	70	33	35
22:00	0	0	2	8	4	10	7	5	6	1	0	0	0	0	43	34	35
23:00	0	1	2	0	3	1	4	2	2	4	0	0	0	0	19	36	37
Total	50	31	92	168	281	325	372	218	152	80	30	11	3	4	1817		
Percent	2.8%	1.7%	5.1%	9.2%	15.5%	17.9%	20.5%	12.0%	8.4%	4.4%	1.7%	0.6%	0.2%	0.2%			
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	10:00	08:00	11:00	00:00	07:00		
Vol.	5	4	12	14	29	37	44	21	9	8	5	2	1	1	182		
PM Peak	19:00	14:00	15:00	20:00	20:00	16:00	14:00	16:00	18:00	17:00	14:00	14:00	18:00	17:00	16:00		
Vol.	7	5	9	18	30	29	37	21	19	9	6	2	1	1	154		

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Start Time	1	21	23	25	27	29	31	33	35	37	39	41	43	45	Total	85th Percent	95th Percent
05/22/14	0	1	0	0	2	4	7	2	1	0	1	0	0	0	18	33	38
01:00	0	0	0	1	1	3	1	2	1	0	1	0	0	0	10	35	39
02:00	0	0	0	0	0	2	0	0	0	0	1	0	1	0	4	42	43
03:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	31	31
04:00	0	0	0	1	1	2	0	1	0	0	0	0	0	0	5	32	33
05:00	1	0	0	0	0	2	1	2	1	0	0	0	1	0	8	35	43
06:00	0	0	1	8	5	3	8	5	0	2	2	0	0	0	34	33	38
07:00	1	1	7	6	33	39	42	21	11	5	8	1	0	0	175	33	38
08:00	6	1	4	5	14	19	23	21	11	7	2	0	0	0	113	34	36
09:00	11	1	3	6	16	8	18	16	9	4	3	0	0	0	95	34	37
10:00	0	2	5	6	10	14	11	14	4	2	1	1	0	0	70	33	36
11:00	2	0	1	4	11	14	15	12	7	1	2	0	0	0	69	33	35
12 PM	0	3	2	13	15	16	18	16	7	1	3	0	1	0	95	33	36
13:00	3	0	1	7	15	19	9	22	4	4	3	1	0	0	88	33	37
14:00	5	1	5	7	16	29	32	23	10	7	0	0	0	2	137	33	36
15:00	6	1	3	15	14	25	24	17	14	8	2	1	0	1	131	34	37
16:00	2	1	4	4	22	31	31	13	12	11	1	1	0	0	133	34	37
17:00	2	3	4	8	15	29	27	11	12	9	3	0	1	0	124	35	37
18:00	2	1	2	15	24	24	34	20	9	3	2	1	0	1	138	33	35
19:00	3	2	5	11	13	15	16	10	6	1	0	0	0	0	82	32	34
20:00	3	0	6	7	20	11	14	6	2	2	0	0	1	0	72	32	35
21:00	0	1	2	4	15	21	6	4	3	4	0	0	0	2	62	33	36
22:00	0	2	0	4	8	12	9	3	5	2	1	0	0	0	46	34	36
23:00	0	0	0	1	2	9	3	5	1	0	1	0	0	0	22	33	35
Total	47	21	55	133	272	352	350	246	130	73	37	6	5	6	1733		
Percent	2.7%	1.2%	3.2%	7.7%	15.7%	20.3%	20.2%	14.2%	7.5%	4.2%	2.1%	0.3%	0.3%	0.3%			
AM Peak	09:00	10:00	07:00	06:00	07:00	07:00	07:00	07:00	07:00	08:00	07:00	07:00	02:00		07:00		
Vol.	11	2	7	8	33	39	42	21	11	7	8	1	1		175		
PM Peak	15:00	12:00	20:00	15:00	18:00	16:00	18:00	14:00	15:00	16:00	12:00	13:00	12:00	14:00	18:00		
Vol.	6	3	6	15	24	31	34	23	14	11	3	1	1	2	138		

