

City of Rochester Hills

1000 Rochester Hills Drive
Rochester Hills, MI 48309

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

Site Code: 1004
Station ID: Study 3of3
Clear Creek Drive
South of Panorama Drive
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	66	3	12	15	13	13	13	5	0	0	0	0	0	0	140	29	31
10:00	42	5	8	8	12	7	10	5	1	2	1	0	0	0	101	30	33
11:00	45	10	7	9	16	14	11	9	11	1	0	0	1	0	134	32	35
12 PM	44	10	9	11	16	21	9	5	5	2	1	0	0	0	133	30	34
13:00	45	11	8	9	16	19	9	3	6	4	0	0	0	0	130	30	35
14:00	36	8	11	14	22	14	21	26	7	2	0	0	0	1	162	32	34
15:00	64	8	8	8	32	28	14	8	6	1	0	0	0	0	177	30	33
16:00	41	11	9	23	23	21	33	13	4	2	1	0	0	1	182	31	33
17:00	58	10	6	21	33	37	30	18	13	5	2	1	0	0	234	32	35
18:00	65	14	20	20	33	30	26	8	4	2	0	0	0	0	222	30	32
19:00	32	8	16	9	17	17	18	10	2	1	0	0	0	0	130	31	33
20:00	36	10	7	14	26	17	14	5	3	1	0	0	0	0	133	30	32
21:00	39	6	7	6	14	10	9	11	2	2	0	0	0	0	106	31	33
22:00	12	3	2	7	10	8	8	4	0	0	0	0	0	0	54	30	32
23:00	10	2	3	3	4	10	6	2	0	0	0	0	0	0	40	30	32
Total	635	119	133	177	287	266	231	132	64	25	5	1	1	2	2078		
Percent	30.6%	5.7%	6.4%	8.5%	13.8%	12.8%	11.1%	6.4%	3.1%	1.2%	0.2%	0.0%	0.0%	0.1%			
AM Peak	09:00	11:00	09:00	09:00	11:00	11:00	09:00	11:00	11:00	10:00	10:00		11:00		09:00		
Vol.	66	10	12	15	16	14	13	9	11	2	1		1		140		
PM Peak	18:00	18:00	18:00	16:00	17:00	17:00	16:00	14:00	17:00	17:00	17:00	17:00		14:00	17:00		
Vol.	65	14	20	23	33	37	33	26	13	5	2	1		1	234		

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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	6	1	0	1	3	4	2	1	1	0	0	0	0	1	20	31	34
01:00	7	1	1	1	4	1	5	1	0	0	0	0	0	1	22	31	31
02:00	4	0	1	0	1	0	1	1	1	0	0	0	0	0	9	33	35
03:00	1	0	0	1	0	1	1	1	0	0	0	0	0	0	5	32	33
04:00	4	1	0	0	0	4	0	0	1	0	0	1	0	0	11	34	40
05:00	3	0	0	0	1	1	2	2	0	0	0	1	0	0	10	33	41
06:00	29	6	6	8	9	9	11	4	1	1	0	0	0	0	84	30	32
07:00	58	8	9	21	34	37	34	20	3	3	0	0	0	0	227	31	33
08:00	38	7	12	17	15	20	14	9	4	0	0	1	0	0	137	31	33
09:00	21	4	5	9	19	17	8	8	3	0	1	0	0	0	95	31	33
10:00	33	17	5	8	7	12	12	13	9	2	0	0	1	0	119	33	35
11:00	43	13	6	9	19	22	13	7	4	2	0	1	0	0	139	30	34
12 PM	25	5	7	9	15	12	9	1	3	3	0	0	0	0	89	30	35
13:00	35	10	6	11	14	18	13	7	7	0	0	0	0	0	121	31	34
14:00	45	13	20	18	24	18	19	15	8	4	2	0	0	1	187	32	35
15:00	35	9	7	15	19	29	19	13	6	0	0	0	0	0	152	31	33
16:00	55	14	19	16	33	26	19	15	7	2	0	0	0	0	206	31	33
17:00	54	12	13	21	28	39	24	15	8	2	3	0	0	0	219	31	34
18:00	48	15	15	18	26	26	26	17	6	5	0	0	0	0	202	31	34
19:00	37	10	15	19	24	19	14	9	5	0	0	0	0	0	152	30	33
20:00	45	8	20	27	20	22	16	2	2	1	1	0	0	0	164	29	31
21:00	21	4	10	12	15	17	12	7	2	1	1	0	0	0	102	31	33
22:00	22	7	5	2	10	8	7	2	2	1	0	0	0	0	66	30	33
23:00	7	4	0	1	6	3	2	4	1	1	0	0	0	0	29	32	35
Total	676	169	182	244	346	365	283	174	84	28	8	4	1	3	2567		
Percent	26.3%	6.6%	7.1%	9.5%	13.5%	14.2%	11.0%	6.8%	3.3%	1.1%	0.3%	0.2%	0.0%	0.1%			
AM Peak	07:00	10:00	08:00	07:00	07:00	07:00	07:00	07:00	10:00	07:00	09:00	04:00	10:00	00:00	07:00		
Vol.	58	17	12	21	34	37	34	20	9	3	1	1	1	1	227		
PM Peak	16:00	18:00	14:00	20:00	16:00	17:00	18:00	18:00	14:00	18:00	17:00			14:00	17:00		
Vol.	55	15	20	27	33	39	26	17	8	5	3			1	219		

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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	6	0	1	1	5	2	6	2	0	1	0	1	0	0	25	32	37
01:00	3	1	1	1	0	2	3	2	1	0	0	0	0	0	14	32	34
02:00	1	1	0	1	0	0	0	0	1	0	0	0	1	0	5	42	43
03:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	31	31
04:00	3	0	0	0	0	4	1	0	1	0	0	0	0	0	9	31	35
05:00	10	0	0	1	0	1	2	1	2	0	0	0	0	0	17	32	35
06:00	17	6	1	7	9	4	8	6	1	3	1	0	0	0	63	32	36
07:00	36	4	11	16	36	35	36	28	6	5	2	1	0	0	216	32	35
08:00	49	7	7	14	18	23	16	15	7	3	0	0	1	0	160	32	34
09:00	39	10	5	20	20	14	9	5	1	3	0	0	0	0	126	29	33
10:00	32	5	6	10	14	11	12	8	2	2	0	0	0	0	102	31	33
11:00	43	3	4	7	20	8	12	11	5	0	2	0	0	0	115	32	34
12 PM	40	5	8	18	14	15	17	16	2	3	0	0	0	0	138	32	33
13:00	34	8	7	9	12	23	14	9	1	2	0	0	0	0	119	31	33
14:00	49	9	11	23	26	23	28	13	7	0	2	1	0	0	192	31	34
15:00	45	5	17	15	21	27	20	12	9	2	1	0	0	0	174	31	34
16:00	55	11	8	17	21	33	24	9	7	7	2	2	0	0	196	31	36
17:00	63	20	9	19	28	23	12	9	9	5	0	0	0	0	197	30	34
18:00	34	13	15	29	42	25	10	6	3	0	0	0	0	0	177	29	32
19:00	38	17	11	16	17	4	8	1	5	0	0	0	1	0	118	28	34
20:00	31	11	15	13	11	9	4	3	1	0	1	0	0	0	99	28	32
21:00	28	8	7	8	19	12	4	6	1	2	0	0	0	0	95	29	33
22:00	10	4	6	6	8	14	8	2	2	2	0	0	0	0	62	31	34
23:00	9	2	1	2	2	8	6	2	1	0	0	0	0	0	33	31	33
Total	675	150	151	253	343	321	261	166	75	40	11	5	3	0	2454		
Percent	27.5%	6.1%	6.2%	10.3%	14.0%	13.1%	10.6%	6.8%	3.1%	1.6%	0.4%	0.2%	0.1%	0.0%			
AM Peak	08:00	09:00	07:00	09:00	07:00	07:00	07:00	07:00	08:00	07:00	07:00	00:00	02:00		07:00		
Vol.	49	10	11	20	36	35	36	28	7	5	2	1	1		216		
PM Peak	17:00	17:00	15:00	18:00	18:00	16:00	14:00	12:00	15:00	16:00	14:00	16:00	19:00		17:00		
Vol.	63	20	17	29	42	33	28	16	9	7	2	2	1		197		

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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
Time	20	22	24	26	28	30	32	34	36	38	40	42	44	999			
05/23/14	5	2	0	1	1	1	2	5	1	0	0	0	0	0	18	33	34
01:00	3	3	1	0	1	0	1	1	2	0	0	0	0	0	12	34	35
02:00	4	2	1	1	0	2	3	1	0	0	1	0	0	0	15	31	38
03:00	1	0	1	0	0	1	1	0	0	0	0	0	0	0	4	30	31
04:00	5	0	0	0	1	1	3	0	0	0	0	0	1	0	11	31	42
05:00	4	1	0	0	0	3	0	2	0	1	0	0	0	0	11	33	36
06:00	21	4	4	5	7	3	12	5	0	0	3	0	0	0	64	31	33
07:00	37	11	6	16	30	45	32	23	9	5	0	1	0	0	215	32	34
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	80	23	13	23	40	56	54	37	12	6	4	1	1	0	350		
Percent	22.9%	6.6%	3.7%	6.6%	11.4%	16.0%	15.4%	10.6%	3.4%	1.7%	1.1%	0.3%	0.3%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	06:00	07:00	04:00		07:00		
Vol.	37	11	6	16	30	45	32	23	9	5	3	1	1		215		
PM Peak																	
Vol.																	
Total	2066	461	479	697	1016	1008	829	509	235	99	28	11	6	5	7449		
Percent	27.7%	6.2%	6.4%	9.4%	13.6%	13.5%	11.1%	6.8%	3.2%	1.3%	0.4%	0.1%	0.1%	0.1%			

15th Percentile : 10 MPH
 50th Percentile : 26 MPH
 85th Percentile : 31 MPH
 95th Percentile : 34 MPH

Stats
 10 MPH Pace Speed : 25-34 MPH
 Number in Pace : 4059
 Percent in Pace : 54.5%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%
 Mean Speed(Average) : 24 MPH