

# City of Rochester Hills

1000 Rochester Hills Drive  
Rochester Hills, MI 48309

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

Site Code: 60010  
Station ID: Sheldon Rd  
House Address 6210 Sheldon Road

Latitude: 0' 0.0000 Undefined

NB, SB																	
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76		85th	95th
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Percent	Percent
06/09/15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	<b>1</b>	0	<b>3</b>	<b>8</b>	<b>20</b>	<b>20</b>	<b>16</b>	<b>1</b>	<b>2</b>	<b>1</b>	0	0	0	0	<b>72</b>	42	46
12 PM	0	2	0	12	21	9	12	2	1	0	0	0	0	0	59	42	45
13:00	0	0	1	2	17	13	15	8	0	0	0	0	0	0	56	44	48
14:00	2	0	5	<b>22</b>	<b>45</b>	<b>57</b>	<b>50</b>	<b>18</b>	<b>5</b>	0	0	0	0	0	<b>204</b>	44	48
15:00	1	2	1	14	26	31	27	10	3	1	0	0	0	0	116	44	49
16:00	2	0	2	9	10	23	20	6	1	<b>2</b>	0	0	0	0	75	44	49
17:00	3	1	<b>7</b>	9	17	27	25	7	3	1	0	0	0	0	100	44	49
18:00	<b>4</b>	<b>3</b>	1	9	16	13	17	4	1	0	0	0	0	0	68	43	46
19:00	1	1	0	4	16	15	11	3	0	0	0	0	0	0	51	42	45
20:00	1	1	1	8	14	19	5	0	2	2	0	0	0	<b>1</b>	54	41	53
21:00	0	0	2	6	5	10	8	4	3	2	0	0	0	0	40	48	55
22:00	0	0	0	1	3	3	1	3	0	0	0	<b>1</b>	0	0	12	48	66
23:00	0	0	0	2	3	4	2	2	0	1	<b>1</b>	0	0	0	15	49	61
<b>Total</b>	<b>15</b>	<b>10</b>	<b>23</b>	<b>106</b>	<b>213</b>	<b>244</b>	<b>209</b>	<b>68</b>	<b>21</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>922</b>		
<b>Percent</b>	<b>1.6%</b>	<b>1.1%</b>	<b>2.5%</b>	<b>11.5%</b>	<b>23.1%</b>	<b>26.5%</b>	<b>22.7%</b>	<b>7.4%</b>	<b>2.3%</b>	<b>1.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.1%</b>			
AM Peak	11:00		11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00					11:00		
Vol.	1		3	8	20	20	16	1	2	1					72		
PM Peak	18:00	18:00	17:00	14:00	14:00	14:00	14:00	14:00	14:00	16:00	23:00	22:00		20:00	14:00		
Vol.	4	3	7	22	45	57	50	18	5	2	1	1		1	204		

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NB, SB																	
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76		85th	95th
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Percent	Percent
06/10/15	0	0	0	1	2	3	1	0	0	0	0	0	0	0	7	39	43
01:00	0	0	0	2	1	0	3	0	0	0	0	0	0	0	6	43	44
02:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	33	34
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	44	44
04:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	59	59
05:00	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4	38	39
06:00	0	0	1	4	2	3	3	2	0	0	0	0	0	0	15	44	48
07:00	<b>7</b>	<b>2</b>	<b>2</b>	<b>47</b>	<b>81</b>	<b>89</b>	<b>57</b>	14	3	<b>2</b>	0	0	0	0	<b>304</b>	42	46
08:00	0	0	4	11	26	31	18	3	1	1	0	0	0	0	95	42	45
09:00	0	0	2	5	7	19	7	2	0	0	0	0	0	0	42	41	44
10:00	3	1	2	12	24	36	21	11	3	2	0	0	0	0	115	44	49
11:00	2	0	<b>6</b>	13	24	31	30	<b>21</b>	<b>4</b>	0	<b>1</b>	0	0	0	132	46	49
12 PM	0	0	<b>2</b>	6	11	27	23	8	1	0	1	0	0	0	79	44	48
13:00	<b>4</b>	0	1	9	11	21	19	7	3	1	0	0	0	0	76	44	50
14:00	0	<b>2</b>	1	6	12	21	12	8	1	0	0	0	0	0	63	44	48
15:00	0	1	0	<b>10</b>	<b>17</b>	<b>35</b>	<b>31</b>	10	<b>5</b>	1	<b>2</b>	0	0	0	<b>112</b>	45	52
16:00	0	1	1	6	14	17	19	9	1	0	0	0	0	0	68	44	48
17:00	1	1	0	10	12	24	13	6	4	<b>2</b>	0	0	0	0	73	45	52
18:00	0	1	1	2	11	11	9	<b>12</b>	3	0	0	0	0	0	50	48	50
19:00	2	0	2	3	6	9	12	6	0	0	1	0	0	0	41	45	49
20:00	1	2	1	2	12	16	12	1	2	0	0	0	0	0	49	43	47
21:00	0	2	0	6	10	8	3	2	2	2	0	0	0	0	35	46	55
22:00	0	0	0	0	2	6	4	3	1	0	0	0	0	0	16	47	51
23:00	0	0	0	1	0	1	4	1	0	0	0	0	0	0	7	44	48
<b>Total</b>	<b>20</b>	<b>13</b>	<b>26</b>	<b>158</b>	<b>287</b>	<b>410</b>	<b>302</b>	<b>126</b>	<b>34</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1393</b>		
<b>Percent</b>	<b>1.4%</b>	<b>0.9%</b>	<b>1.9%</b>	<b>11.3%</b>	<b>20.6%</b>	<b>29.4%</b>	<b>21.7%</b>	<b>9.0%</b>	<b>2.4%</b>	<b>0.9%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	07:00	07:00	11:00	07:00	07:00	07:00	07:00	11:00	11:00	07:00	11:00				07:00		
Vol.	7	2	6	47	81	89	57	21	4	2	1				304		
PM Peak	13:00	14:00	12:00	15:00	15:00	15:00	15:00	18:00	15:00	17:00	15:00				15:00		
Vol.	4	2	2	10	17	35	31	12	5	2	2				112		

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Latitude: 0' 0.0000 Undefined

NB, SB																		
Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	999	Total	85th Percent	95th Percent
06/11/15	0	0	0	1	1	0	1	1	1	0	0	0	0	0	2	7	51	53
01:00	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4	38	39
02:00	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	3	43	44
03:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	43	44
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	37	39
06:00	0	0	1	3	5	10	4	6	0	0	0	0	0	0	0	29	46	48
07:00	<b>5</b>	0	<b>4</b>	<b>34</b>	<b>83</b>	<b>90</b>	<b>55</b>	<b>14</b>	<b>9</b>	0	0	0	0	0	<b>294</b>	43	47	
08:00	1	0	4	10	13	20	23	7	1	1	0	0	0	0	0	80	44	48
09:00	0	<b>1</b>	1	6	8	12	14	4	2	0	0	0	0	0	0	48	44	49
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>6</b>	<b>1</b>	<b>10</b>	<b>56</b>	<b>113</b>	<b>136</b>	<b>100</b>	<b>32</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>470</b>			
Percent	1.3%	0.2%	2.1%	11.9%	24.0%	28.9%	21.3%	6.8%	2.8%	0.2%	0.0%	0.0%	0.0%	0.4%				
AM Peak	07:00	09:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00				00:00	07:00			
Vol.	5	1	4	34	83	90	55	14	9	1				2	294			
PM Peak																		
Vol.																		
Total	41	24	59	320	613	790	611	226	68	23	6	1	0	3	2785			
Percent	1.5%	0.9%	2.1%	11.5%	22.0%	28.4%	21.9%	8.1%	2.4%	0.8%	0.2%	0.0%	0.0%	0.1%				
			15th Percentile :	29 MPH														
			50th Percentile :	37 MPH														
			85th Percentile :	44 MPH														
			95th Percentile :	49 MPH														
Stats	10 MPH Pace Speed :	31-40 MPH																
	Number in Pace :	1403																
	Percent in Pace :	50.4%																
	Number of Vehicles > 55 MPH :	33																
	Percent of Vehicles > 55 MPH :	1.2%																
	Mean Speed(Average) :	37 MPH																