

**City of Rochester Hills**  
**1000 Rochester Hills Drive**  
 Rochester Hills, MI 48309  
**Paul G. Shumejko, MBA, M.S., P.E. PTOE**

6093\_Speed\_Lake Forest Dr\_House #350\_N of Ansal  
 Station ID: Speed  
 Site Code: 6093  
 Lake Forest Dr  
 House #350

WB

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
10/15/19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	1	3	11	3	0	0	0	0	0	0	0	0	0	0	18	21-30	14
11:00	2	10	8	6	1	0	0	0	0	0	0	0	0	0	27	16-25	18
12 PM	0	5	16	4	0	0	0	0	0	0	0	0	0	0	25	16-25	21
13:00	3	8	8	1	0	0	0	0	0	0	0	0	0	0	20	16-25	16
14:00	5	14	28	10	1	0	0	0	0	0	0	0	0	0	58	16-25	42
15:00	4	9	10	3	1	0	0	0	0	0	0	0	0	0	27	16-25	19
16:00	14	13	8	4	0	0	0	0	0	0	0	0	0	0	39	16-25	21
17:00	1	3	14	4	0	0	0	0	0	0	0	0	0	0	22	19-28	18
18:00	3	15	15	3	0	0	0	0	0	0	0	0	0	0	36	16-25	30
19:00	6	7	11	2	0	0	0	0	0	0	0	0	0	0	26	16-25	18
20:00	6	11	8	3	0	0	0	0	0	0	0	0	0	0	28	16-25	19
21:00	0	1	8	0	0	0	0	0	0	0	0	0	0	0	9	16-25	9
22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	15-24	3
23:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
<b>Total</b>	<b>45</b>	<b>100</b>	<b>148</b>	<b>44</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>340</b>		
<b>Percent</b>	<b>13.2%</b>	<b>29.4%</b>	<b>43.5%</b>	<b>12.9%</b>	<b>0.9%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	11:00	11:00	10:00	11:00	11:00										11:00		
Vol.	2	10	11	6	1										27		
PM Peak	16:00	18:00	14:00	14:00	14:00										14:00		
Vol.	14	15	28	10	1										58		

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 Station ID: Speed  
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WB

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
10/16/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
05:00	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6	16-25	5
06:00	0	3	3	0	0	0	0	0	0	0	0	0	0	0	6	16-25	6
07:00	2	13	29	7	0	0	0	0	0	0	0	0	0	0	51	16-25	42
08:00	4	9	9	2	0	0	0	0	0	0	0	0	0	0	24	16-25	18
09:00	3	5	6	4	0	0	0	0	0	0	0	0	0	0	18	16-25	11
10:00	3	8	6	4	0	0	0	0	0	0	0	0	0	0	21	16-25	14
11:00	1	8	12	3	0	0	0	0	0	0	0	0	0	0	24	16-25	20
12 PM	2	4	12	4	0	0	0	0	0	0	0	0	0	0	22	21-30	16
13:00	0	4	13	4	0	0	0	0	0	0	0	0	0	0	21	21-30	17
14:00	9	12	23	6	2	0	0	0	0	0	0	0	0	0	52	16-25	35
15:00	4	6	16	4	1	0	0	0	0	0	0	0	0	0	31	16-25	22
16:00	2	7	19	4	0	0	0	0	0	0	0	0	0	0	32	16-25	26
17:00	4	4	32	3	0	0	0	0	0	0	0	0	0	0	43	16-25	36
18:00	4	7	9	3	0	0	0	0	0	0	0	0	0	0	23	16-25	16
19:00	1	7	15	2	0	0	0	0	0	0	0	0	0	0	25	16-25	22
20:00	1	6	10	1	0	0	0	0	0	0	0	0	0	0	18	16-25	16
21:00	3	3	8	1	0	0	0	0	0	0	0	0	0	0	15	16-25	11
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	14-23	2
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
<b>Total</b>	<b>43</b>	<b>110</b>	<b>228</b>	<b>53</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>437</b>		
<b>Percent</b>	<b>9.8%</b>	<b>25.2%</b>	<b>52.2%</b>	<b>12.1%</b>	<b>0.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	08:00	07:00	07:00	07:00											07:00		
Vol.	4	13	29	7											51		
PM Peak	14:00	14:00	17:00	14:00	14:00										14:00		
Vol.	9	12	32	6	2										52		

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WB

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
10/17/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
05:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5	14-23	5
06:00	0	3	2	1	0	0	0	0	0	0	0	0	0	0	6	16-25	5
07:00	0	<b>17</b>	<b>23</b>	<b>6</b>	0	0	0	0	0	0	0	0	0	0	<b>46</b>	16-25	40
08:00	3	6	12	3	0	0	0	0	0	0	0	0	0	0	24	16-25	18
09:00	<b>4</b>	5	11	1	0	0	0	0	0	0	0	0	0	0	21	16-25	16
10:00	0	4	8	2	0	0	0	0	0	0	0	0	0	0	14	16-25	12
11:00	3	8	10	0	<b>1</b>	0	0	0	0	0	0	0	0	0	22	16-25	18
12 PM	1	4	12	4	0	0	0	0	0	0	0	0	0	0	21	21-30	16
13:00	<b>5</b>	6	7	2	1	0	0	0	0	0	0	0	0	0	21	16-25	13
14:00	4	10	<b>29</b>	<b>14</b>	1	0	0	0	0	0	0	0	0	0	<b>58</b>	21-30	43
15:00	3	5	20	4	0	0	0	0	0	0	0	0	0	0	32	16-25	25
16:00	3	7	18	1	<b>2</b>	0	0	0	0	0	0	0	0	0	31	16-25	25
17:00	0	11	19	2	0	0	0	0	0	0	0	0	0	0	32	16-25	30
18:00	2	10	18	0	0	0	0	0	0	0	0	0	0	0	30	16-25	28
19:00	3	<b>12</b>	14	2	0	0	0	0	0	0	0	0	0	0	31	16-25	26
20:00	2	7	14	2	0	0	0	0	0	0	0	0	0	0	25	16-25	21
21:00	1	3	8	0	0	0	0	0	0	0	0	0	0	0	12	16-25	11
22:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	15-24	2
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
<b>Total</b>	<b>34</b>	<b>124</b>	<b>229</b>	<b>44</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>436</b>		
Percent	7.8%	28.4%	52.5%	10.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	07:00	07:00	07:00	11:00										07:00		
Vol.	4	17	23	6	1										46		
PM Peak	13:00	19:00	14:00	14:00	16:00										14:00		
Vol.	5	12	29	14	2										58		

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WB

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
10/18/19	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
05:00	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4	15-24	3
06:00	1	3	6	1	0	0	0	0	0	0	0	0	0	0	11	16-25	9
07:00	0	16	23	6	0	0	0	0	0	0	0	0	0	0	45	16-25	39
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>1</b>	<b>21</b>	<b>32</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62</b>		
<b>Percent</b>	<b>1.6%</b>	<b>33.9%</b>	<b>51.6%</b>	<b>12.9%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	06:00	07:00	07:00	07:00											07:00		
Vol.	1	16	23	6											45		
PM Peak																	
Vol.																	
<b>Total</b>	<b>123</b>	<b>355</b>	<b>637</b>	<b>149</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1275</b>		
<b>Percent</b>	<b>9.6%</b>	<b>27.8%</b>	<b>50.0%</b>	<b>11.7%</b>	<b>0.9%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
			15th Percentile :		15 MPH												
			50th Percentile :		21 MPH												
			85th Percentile :		24 MPH												
			95th Percentile :		28 MPH												
<b>Stats</b>		10 MPH Pace Speed :		16-25 MPH													
		Number in Pace :		992													
		Percent in Pace :		77.8%													
		Number of Vehicles > 55 MPH :		0													
		Percent of Vehicles > 55 MPH :		0.0%													
		Mean Speed(Average) :		21 MPH													

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Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
10/15/19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	<b>1</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	19-28	11
11:00	<b>0</b>	<b>2</b>	<b>6</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	21-30	13
12 PM	<b>1</b>	<b>3</b>	<b>7</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	21-30	14
13:00	<b>3</b>	<b>2</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	21-30	11
14:00	<b>2</b>	<b>4</b>	<b>11</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	21-30	16
15:00	<b>1</b>	<b>5</b>	<b>8</b>	<b>12</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>	21-30	20
16:00	<b>5</b>	<b>9</b>	<b>15</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>	16-25	24
17:00	<b>1</b>	<b>6</b>	<b>13</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	21-30	21
18:00	<b>1</b>	<b>6</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>	16-25	17
19:00	<b>0</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	21-30	7
20:00	<b>3</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	20-29	4
21:00	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	21-30	4
22:00	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	9-18	1
23:00	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	9-18	1
<b>Total</b>	<b>18</b>	<b>43</b>	<b>95</b>	<b>63</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>230</b>		
<b>Percent</b>	<b>7.8%</b>	<b>18.7%</b>	<b>41.3%</b>	<b>27.4%</b>	<b>4.3%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>10:00</b>	<b>11:00</b>	<b>10:00</b>	<b>11:00</b>	<b>11:00</b>											<b>11:00</b>	
<b>Vol.</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>7</b>	<b>1</b>											<b>16</b>	
<b>PM Peak</b>	<b>16:00</b>	<b>16:00</b>	<b>16:00</b>	<b>15:00</b>	<b>17:00</b>	<b>22:00</b>										<b>16:00</b>	
<b>Vol.</b>	<b>5</b>	<b>9</b>	<b>15</b>	<b>12</b>	<b>4</b>	<b>1</b>										<b>38</b>	

**City of Rochester Hills**  
**1000 Rochester Hills Drive**  
 Rochester Hills, MI 48309  
**Paul G. Shumejko, MBA, M.S., P.E. PTOE**

6093\_Speed\_Lake Forest Dr\_House #350\_N of Ansal  
 Station ID: Speed  
 Site Code: 6093  
 Lake Forest Dr  
 House #350

EB

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace	
10/16/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*	*
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1	
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1	
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1	
06:00	0	3	3	1	0	0	0	0	0	0	0	0	0	0	7	16-25	6	
07:00	0	2	<b>20</b>	<b>17</b>	0	0	0	0	0	0	0	0	0	0	<b>39</b>	21-30	37	
08:00	4	<b>6</b>	12	15	<b>2</b>	0	0	0	0	0	0	0	0	0	39	21-30	27	
09:00	0	2	5	0	1	<b>1</b>	0	0	0	0	0	0	0	0	9	16-25	7	
10:00	<b>5</b>	4	2	3	0	0	0	0	0	0	0	0	0	0	14	11-20	6	
11:00	2	3	11	9	1	0	0	0	0	0	0	0	0	0	26	21-30	20	
12 PM	1	0	3	3	<b>4</b>	0	0	0	0	0	0	0	0	0	11	26-35	7	
13:00	0	1	4	6	0	0	0	0	0	0	0	0	0	0	11	21-30	10	
14:00	<b>6</b>	2	6	5	0	0	0	0	0	0	0	0	0	0	19	21-30	11	
15:00	2	3	9	<b>16</b>	1	0	0	0	0	0	0	0	0	0	31	21-30	25	
16:00	5	1	6	9	2	<b>1</b>	0	0	0	0	0	0	0	0	24	21-30	15	
17:00	0	1	<b>17</b>	14	3	0	0	0	0	0	0	0	0	0	<b>35</b>	21-30	31	
18:00	3	<b>4</b>	12	0	2	0	0	0	0	0	0	0	0	0	21	16-25	16	
19:00	0	3	5	6	0	0	0	0	0	0	0	0	0	0	14	21-30	11	
20:00	0	1	3	2	0	0	0	0	0	0	0	0	0	0	6	19-28	5	
21:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	20-29	2	
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*	*
<b>Total</b>	<b>28</b>	<b>36</b>	<b>121</b>	<b>108</b>	<b>16</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>311</b>			
<b>Percent</b>	<b>9.0%</b>	<b>11.6%</b>	<b>38.9%</b>	<b>34.7%</b>	<b>5.1%</b>	<b>0.6%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>				
<b>AM Peak</b>	<b>10:00</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>09:00</b>										<b>07:00</b>		
<b>Vol.</b>	<b>5</b>	<b>6</b>	<b>20</b>	<b>17</b>	<b>2</b>	<b>1</b>										<b>39</b>		
<b>PM Peak</b>	<b>14:00</b>	<b>18:00</b>	<b>17:00</b>	<b>15:00</b>	<b>12:00</b>	<b>16:00</b>										<b>17:00</b>		
<b>Vol.</b>	<b>6</b>	<b>4</b>	<b>17</b>	<b>16</b>	<b>4</b>	<b>1</b>										<b>35</b>		



**City of Rochester Hills**  
**1000 Rochester Hills Drive**  
 Rochester Hills, MI 48309  
**Paul G. Shumejko, MBA, M.S., P.E. PTOE**

6093\_Speed\_Lake Forest Dr\_House #350\_N of Ansal  
 Station ID: Speed  
 Site Code: 6093  
 Lake Forest Dr  
 House #350

EB

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
10/18/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
05:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	*	1
06:00	0	4	2	4	0	0	0	0	0	0	0	0	0	0	10	15-24	6
07:00	1	2	22	18	3	0	0	0	0	0	0	0	0	0	46	21-30	40
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>2</b>	<b>7</b>	<b>24</b>	<b>23</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>59</b>		
<b>Percent</b>	<b>3.4%</b>	<b>11.9%</b>	<b>40.7%</b>	<b>39.0%</b>	<b>5.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	05:00	06:00	07:00	07:00	07:00											07:00	
Vol.	1	4	22	18	3											46	
PM Peak																	
Vol.																	
<b>Total</b>	<b>67</b>	<b>124</b>	<b>379</b>	<b>310</b>	<b>50</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>934</b>		
<b>Percent</b>	<b>7.2%</b>	<b>13.3%</b>	<b>40.6%</b>	<b>33.2%</b>	<b>5.4%</b>	<b>0.4%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			

15th Percentile : 17 MPH  
 50th Percentile : 23 MPH  
 85th Percentile : 28 MPH  
 95th Percentile : 30 MPH

Stats  
 10 MPH Pace Speed : 21-30 MPH  
 Number in Pace : 689  
 Percent in Pace : 73.8%  
 Number of Vehicles > 55 MPH : 0  
 Percent of Vehicles > 55 MPH : 0.0%  
 Mean Speed(Average) : 24 MPH



**City of Rochester Hills**  
**1000 Rochester Hills Drive**

Rochester Hills, MI 48309

**Paul G. Shumejko, MBA, M.S., P.E. PTOE**

6093\_Speed\_Lake Forest Dr\_House #350\_N of Ansal  
 Station ID: Speed  
 Site Code: 6093  
 Lake Forest Dr  
 House #350

WB, EB	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
10/15/19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	<b>2</b>	<b>4</b>	<b>20</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31</b>	19-28	25
11:00	<b>2</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43</b>	21-30	27
12 PM	<b>1</b>	<b>8</b>	<b>23</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43</b>	21-30	34
13:00	<b>6</b>	<b>10</b>	<b>13</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36</b>	16-25	23
14:00	<b>7</b>	<b>18</b>	<b>39</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>82</b>	16-25	57
15:00	<b>5</b>	<b>14</b>	<b>18</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55</b>	21-30	33
16:00	<b>19</b>	<b>22</b>	<b>23</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>77</b>	16-25	45
17:00	<b>2</b>	<b>9</b>	<b>27</b>	<b>12</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	21-30	39
18:00	<b>4</b>	<b>21</b>	<b>26</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57</b>	16-25	47
19:00	<b>6</b>	<b>9</b>	<b>16</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	16-25	25
20:00	<b>9</b>	<b>11</b>	<b>10</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	16-25	21
21:00	<b>0</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	16-25	13
22:00	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	16-25	4
23:00	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	14-23	2
<b>Total</b>	<b>63</b>	<b>143</b>	<b>243</b>	<b>107</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>570</b>		
<b>Percent</b>	<b>11.1%</b>	<b>25.1%</b>	<b>42.6%</b>	<b>18.8%</b>	<b>2.3%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>10:00</b>	<b>11:00</b>	<b>10:00</b>	<b>11:00</b>	<b>11:00</b>											<b>11:00</b>	
<b>Vol.</b>	<b>2</b>	<b>12</b>	<b>20</b>	<b>13</b>	<b>2</b>											<b>43</b>	
<b>PM Peak</b>	<b>16:00</b>	<b>16:00</b>	<b>14:00</b>	<b>14:00</b>	<b>17:00</b>	<b>22:00</b>										<b>14:00</b>	
<b>Vol.</b>	<b>19</b>	<b>22</b>	<b>39</b>	<b>15</b>	<b>4</b>	<b>1</b>										<b>82</b>	

**City of Rochester Hills**  
**1000 Rochester Hills Drive**  
 Rochester Hills, MI 48309  
**Paul G. Shumejko, MBA, M.S., P.E. PTOE**

6093\_Speed\_Lake Forest Dr\_House #350\_N of Ansal  
 Station ID: Speed  
 Site Code: 6093  
 Lake Forest Dr  
 House #350

WB, EB	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
10/16/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	14-23	2
05:00	0	2	4	1	0	0	0	0	0	0	0	0	0	0	7	16-25	6
06:00	0	6	6	1	0	0	0	0	0	0	0	0	0	0	13	16-25	12
07:00	2	<b>15</b>	<b>49</b>	<b>24</b>	0	0	0	0	0	0	0	0	0	0	<b>90</b>	21-30	73
08:00	<b>8</b>	15	21	17	<b>2</b>	0	0	0	0	0	0	0	0	0	63	20-29	38
09:00	3	7	11	4	1	<b>1</b>	0	0	0	0	0	0	0	0	27	16-25	18
10:00	8	12	8	7	0	0	0	0	0	0	0	0	0	0	35	16-25	20
11:00	3	11	23	12	1	0	0	0	0	0	0	0	0	0	50	19-28	35
12 PM	3	4	15	7	<b>4</b>	0	0	0	0	0	0	0	0	0	33	21-30	22
13:00	0	5	17	10	0	0	0	0	0	0	0	0	0	0	32	21-30	27
14:00	<b>15</b>	<b>14</b>	29	11	2	0	0	0	0	0	0	0	0	0	71	16-25	43
15:00	6	9	25	<b>20</b>	2	0	0	0	0	0	0	0	0	0	62	21-30	45
16:00	7	8	25	13	2	<b>1</b>	0	0	0	0	0	0	0	0	56	21-30	38
17:00	4	5	<b>49</b>	17	3	0	0	0	0	0	0	0	0	0	<b>78</b>	21-30	66
18:00	7	11	21	3	2	0	0	0	0	0	0	0	0	0	44	16-25	32
19:00	1	10	20	8	0	0	0	0	0	0	0	0	0	0	39	16-25	30
20:00	1	7	13	3	0	0	0	0	0	0	0	0	0	0	24	16-25	20
21:00	3	3	8	3	0	0	0	0	0	0	0	0	0	0	17	21-30	11
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	14-23	2
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
<b>Total</b>	<b>71</b>	<b>146</b>	<b>349</b>	<b>161</b>	<b>19</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>748</b>		
<b>Percent</b>	<b>9.5%</b>	<b>19.5%</b>	<b>46.7%</b>	<b>21.5%</b>	<b>2.5%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>07:00</b>	<b>07:00</b>	<b>07:00</b>	<b>08:00</b>	<b>09:00</b>										<b>07:00</b>	
<b>Vol.</b>	<b>8</b>	<b>15</b>	<b>49</b>	<b>24</b>	<b>2</b>	<b>1</b>										<b>90</b>	
<b>PM Peak</b>	<b>14:00</b>	<b>14:00</b>	<b>17:00</b>	<b>15:00</b>	<b>12:00</b>	<b>16:00</b>										<b>17:00</b>	
<b>Vol.</b>	<b>15</b>	<b>14</b>	<b>49</b>	<b>20</b>	<b>4</b>	<b>1</b>										<b>78</b>	



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6093\_Speed\_Lake Forest Dr\_House #350\_N of Ansal  
 Station ID: Speed  
 Site Code: 6093  
 Lake Forest Dr  
 House #350

WB, EB																	
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
10/18/19	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10-19	2
05:00	1	1	2	2	0	0	0	0	0	0	0	0	0	0	6	19-28	4
06:00	1	7	8	5	0	0	0	0	0	0	0	0	0	0	21	16-25	15
07:00	1	18	45	24	3	0	0	0	0	0	0	0	0	0	91	21-30	69
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>3</b>	<b>28</b>	<b>56</b>	<b>31</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>121</b>		
<b>Percent</b>	<b>2.5%</b>	<b>23.1%</b>	<b>46.3%</b>	<b>25.6%</b>	<b>2.5%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
AM Peak	05:00	07:00	07:00	07:00	07:00											07:00	
Vol.	1	18	45	24	3											91	
PM Peak																	
Vol.																	
<b>Total</b>	<b>190</b>	<b>479</b>	<b>1016</b>	<b>459</b>	<b>61</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2209</b>		
<b>Percent</b>	<b>8.6%</b>	<b>21.7%</b>	<b>46.0%</b>	<b>20.8%</b>	<b>2.8%</b>	<b>0.2%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
			15th Percentile :		16 MPH												
			50th Percentile :		22 MPH												
			85th Percentile :		27 MPH												
			95th Percentile :		29 MPH												
<b>Stats</b>		10 MPH Pace Speed :		16-25 MPH													
		Number in Pace :		1495													
		Percent in Pace :		67.7%													
		Number of Vehicles > 55 MPH :		0													
		Percent of Vehicles > 55 MPH :		0.0%													
		Mean Speed(Average) :		22 MPH													