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# Memorandum

The City of Traverse City  
Engineering Department



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TO: Timothy J. Lodge, P.E., City Engineer  
FROM: Abhishek Deora, Seasonal Engineering Aide  
DATE: Monday, June 5th, 2017  
SUBJECT: 24 Hour Speed and Volume of Sheridan Rd between Manor and Orchard

City Engineering performed a 24 hour speed study on Sheridan Rd between Manor Ave and Orchard Rd beginning on Thursday, June 1st, 2017 concluded Monday, June 5th, 2017. This memo is to formalize City Engineering's initial data observations and findings with to the speed statistics and volume of vehicular traffic on Sheridan Rd.

The data was gathered using a JAMAR Radar Recorder, this data recorder collects both vehicle speed and volume using radar sensors in both Northbound and Southbound lanes. The raw data compiled and analyzed using TraxPro and reported vehicle speed count for every hour during the study in the increments of 5 miles per hour. The TraxPro software also compiled a report to be sent Traverse City Police Department to evaluate the possible percentage of enforceable violations. This data is organized into a small colored meter where red means there is a high enforcement potential and green equates to a low amount of speed infractions are occurring. For this report, the enforceable minimum speed a vehicle would need to be traveling is 5 miles per hour over the posted speed limit of 25 miles per hour.

During this 24 hour study, 1402 vehicles were recorded. The average (mean) speed of the 1402 vehicles is 27 miles per hour, with 67.9% of all vehicles traveling at speeds greater than the posted limit of 25 miles per hour. Giving motorist an extra 5 miles per hour over the posted speed limit for enforcement tolerance, the number of vehicles speeding is 30.0%.

## Summary (Combined):

- **Mean Speed:** 27 MPH
- **Number of Vehicles above Posted Speed Limit** 67.9%
- **85<sup>th</sup> Percentile of Speed:** 33 MPH
- **95<sup>th</sup> Percentile of Speed:** 36 MPH

## Enclosed:

Detailed TraxPro Speed Reports (Combined and Directional)  
TraxPro Police Enforcement Reports



Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

A= Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
06/02/17	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3	29-38	3
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	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	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	1	2	7	4	1	0	0	0	0	0	0	0	0	15	26-35	11
08:00	2	0	3	7	5	2	0	0	0	0	0	0	0	0	19	26-35	12
09:00	1	0	6	6	6	1	0	0	0	0	0	0	0	0	20	21-30	12
10:00	3	2	10	5	2	2	0	0	0	0	0	0	0	0	24	21-30	15
11:00	2	1	8	8	3	1	0	0	0	0	0	0	0	0	23	21-30	16
12 PM	0	0	5	11	8	2	0	0	0	0	0	0	0	0	26	26-35	19
13:00	1	1	3	11	6	2	0	1	0	0	0	0	0	0	25	26-35	17
14:00	0	0	6	8	8	3	0	0	0	0	0	0	0	0	25	25-34	16
15:00	4	4	11	36	13	3	0	0	0	0	0	0	0	0	71	25-34	49
16:00	2	0	6	15	7	0	0	0	0	0	0	0	0	0	30	24-33	22
17:00	3	2	14	12	8	4	0	0	0	0	0	0	0	0	43	21-30	26
18:00	1	0	4	15	5	1	0	0	0	0	0	0	0	0	26	24-33	20
19:00	0	1	6	9	11	0	0	1	0	0	0	0	0	0	28	26-35	20
20:00	0	2	7	6	5	2	0	0	0	0	0	0	0	0	22	21-30	13
21:00	2	3	6	8	5	0	0	0	0	0	0	0	0	0	24	21-30	14
22:00	0	0	4	5	2	0	0	0	0	0	0	0	0	0	11	21-30	9
23:00	0	0	3	2	1	2	1	0	0	0	0	0	0	0	9	21-30	5
<b>Total</b>	21	17	104	173	101	27	1	2	0	0	0	0	0	0	446		
Percent	4.7%	3.8%	23.3%	38.8%	22.6%	6.1%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	10:00	11:00	09:00	08:00									10:00		
Vol.	3	2	10	8	6	2									24		
PM Peak	15:00	15:00	17:00	15:00	15:00	17:00	23:00	13:00							15:00		
Vol.	4	4	14	36	13	4	1	1							71		

Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

A= Northbound

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
06/03/17	0	2	1	4	0	1	0	0	0	0	0	0	0	0	8	20-29	5
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	20-29	3
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
07:00	0	0	0	2	2	1	0	0	0	0	0	0	0	0	5	26-35	4
08:00	0	0	2	1	1	0	0	0	0	0	0	0	0	0	4	19-28	3
09:00	0	0	3	7	1	1	0	0	0	0	0	0	0	0	12	21-30	10
10:00	0	6	8	13	3	1	0	0	0	0	0	0	0	0	31	21-30	21
11:00	4	4	9	4	7	0	0	0	0	0	0	0	0	0	28	21-30	13
12 PM	0	3	8	11	3	0	0	0	0	0	0	0	0	0	25	21-30	19
13:00	0	4	12	13	8	4	0	0	0	0	0	0	0	0	41	21-30	25
14:00	2	3	5	8	3	0	0	0	0	0	0	0	0	0	21	21-30	13
15:00	1	5	3	10	3	0	0	0	0	0	0	0	0	0	22	26-35	13
16:00	1	1	4	18	10	2	0	0	0	0	0	0	0	0	36	26-35	28
17:00	1	1	4	9	9	1	0	0	0	0	0	0	0	0	25	26-35	18
18:00	1	1	5	5	5	2	0	0	0	0	0	0	0	0	19	26-35	10
19:00	1	4	2	7	6	1	0	0	0	0	0	0	0	0	21	26-35	13
20:00	2	1	6	7	2	0	0	0	0	0	0	0	0	0	18	21-30	13
21:00	1	0	8	8	3	0	0	0	0	0	0	0	0	0	20	21-30	16
22:00	1	2	1	7	2	0	1	0	0	0	0	0	0	0	14	26-35	9
23:00	0	0	1	2	1	1	0	0	0	0	0	0	0	0	5	26-35	3
<b>Total</b>	15	37	83	139	70	15	1	0	0	0	0	0	0	0	360		
Percent	4.2%	10.3%	23.1%	38.6%	19.4%	4.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	11:00	10:00	11:00	00:00									10:00		
Vol.	4	6	9	13	7	1									31		
PM Peak	14:00	15:00	13:00	16:00	16:00	13:00	22:00								13:00		
Vol.	2	5	12	18	10	4	1								41		

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Speed

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A= Northbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
06/04/17	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	21-30	3
01:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	24-33	3
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	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
07:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
08:00	3	0	2	1	2	0	0	0	0	0	0	0	0	1	9	26-35	3
09:00	0	1	1	8	3	1	0	0	0	0	0	0	0	0	14	26-35	11
10:00	0	3	9	7	10	0	0	0	0	0	0	0	0	0	29	24-33	17
11:00	2	2	4	13	3	0	0	0	0	0	0	0	0	0	24	21-30	17
12 PM	1	1	5	6	6	0	0	0	0	0	0	0	0	0	19	24-33	12
13:00	3	1	5	7	4	1	0	0	0	0	0	0	0	0	21	21-30	12
14:00	1	1	2	7	3	2	0	0	0	0	0	0	0	0	16	26-35	10
15:00	2	3	5	11	5	0	0	0	0	0	0	0	0	0	26	21-30	16
16:00	2	2	5	10	6	1	0	0	0	0	0	0	0	0	26	24-33	16
17:00	0	1	5	9	4	0	0	0	0	0	0	0	0	0	19	21-30	14
18:00	2	1	5	4	6	0	0	0	0	0	0	0	0	0	18	24-33	10
19:00	3	0	2	10	4	1	0	0	0	0	0	0	0	0	20	25-34	14
20:00	1	0	1	5	7	1	0	0	0	0	0	0	0	0	15	26-35	12
21:00	0	0	2	7	2	0	0	0	0	0	0	0	0	0	11	21-30	9
22:00	0	0	1	1	1	1	0	0	0	0	0	0	0	0	4	19-28	2
23:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	14-23	1
<b>Total</b>	<b>20</b>	<b>16</b>	<b>58</b>	<b>114</b>	<b>68</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>1</b>	<b>285</b>		
<b>Percent</b>	<b>7.0%</b>	<b>5.6%</b>	<b>20.4%</b>	<b>40.0%</b>	<b>23.9%</b>	<b>2.8%</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>0.4%</b>			
<b>AM Peak</b>	<b>08:00</b>	<b>10:00</b>	<b>10:00</b>	<b>11:00</b>	<b>10:00</b>	<b>09:00</b>								<b>08:00</b>	<b>10:00</b>		
<b>Vol.</b>	<b>3</b>	<b>3</b>	<b>9</b>	<b>13</b>	<b>10</b>	<b>1</b>								<b>1</b>	<b>29</b>		
<b>PM Peak</b>	<b>13:00</b>	<b>15:00</b>	<b>12:00</b>	<b>15:00</b>	<b>20:00</b>	<b>14:00</b>									<b>15:00</b>		
<b>Vol.</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>11</b>	<b>7</b>	<b>2</b>									<b>26</b>		



Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

B= Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
06/01/17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	0	1	1	5	1	1	0	0	0	0	0	0	0	0	9	24-33	6
11:00	2	0	6	9	4	2	0	0	0	0	0	0	0	0	23	21-30	15
12 PM	1	0	5	4	12	3	1	0	0	0	0	0	0	0	26	26-35	16
13:00	2	2	2	6	3	1	0	0	0	0	0	0	0	0	16	24-33	9
14:00	0	0	4	9	3	0	0	0	0	0	0	0	0	0	16	21-30	13
15:00	2	2	4	13	4	1	0	0	0	0	0	0	0	0	26	21-30	17
16:00	0	4	6	11	5	1	0	0	0	0	0	0	0	0	27	21-30	17
17:00	1	1	5	17	9	6	0	0	0	0	0	0	0	0	39	26-35	26
18:00	3	1	0	8	3	1	0	0	0	0	0	0	0	0	16	26-35	11
19:00	0	1	5	7	2	0	0	0	0	0	0	0	0	0	15	21-30	12
20:00	0	2	2	2	2	2	0	0	0	0	0	0	0	0	10	31-40	4
21:00	0	0	2	1	3	2	0	0	0	0	0	0	0	0	8	31-40	5
22:00	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4	25-34	4
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
Total	11	14	43	94	53	20	1	0	0	0	0	0	0	0	236		
Percent	4.7%	5.9%	18.2%	39.8%	22.5%	8.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	11:00	11:00	11:00	11:00									11:00		
Vol.	2	1	6	9	4	2									23		
PM Peak	18:00	16:00	16:00	17:00	12:00	17:00	12:00								17:00		
Vol.	3	4	6	17	12	6	1								39		

Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

B= Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
06/02/17	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	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	4	1	2	1	0	0	0	0	0	0	0	8	24-33	5
07:00	0	1	3	<b>17</b>	<b>18</b>	<b>5</b>	<b>3</b>	0	0	0	0	0	0	0	<b>47</b>	26-35	35
08:00	<b>4</b>	0	<b>8</b>	7	9	2	1	0	0	0	0	0	0	0	31	26-35	16
09:00	0	0	5	10	5	1	0	0	0	0	0	0	0	0	21	21-30	15
10:00	0	<b>2</b>	0	5	2	1	0	0	0	0	0	0	0	0	10	26-35	7
11:00	0	0	2	5	1	0	1	0	0	0	0	0	0	0	9	21-30	7
12 PM	0	0	2	3	4	1	2	0	0	0	0	0	0	0	12	26-35	7
13:00	0	<b>2</b>	<b>7</b>	5	4	2	0	0	0	0	0	0	0	0	<b>20</b>	21-30	12
14:00	0	0	1	4	<b>10</b>	1	0	0	0	0	0	0	0	0	16	26-35	14
15:00	1	1	4	6	3	1	1	0	0	0	0	0	0	0	17	21-30	10
16:00	<b>2</b>	2	3	5	3	<b>3</b>	0	0	0	0	0	0	0	0	18	21-30	8
17:00	0	0	7	5	4	0	0	0	0	0	0	0	0	0	16	21-30	12
18:00	1	1	2	<b>7</b>	4	2	0	0	0	0	0	0	0	0	17	26-35	11
19:00	1	0	2	3	3	2	1	0	0	0	0	0	0	0	12	26-35	6
20:00	1	2	1	6	3	0	<b>3</b>	0	0	0	0	0	0	0	16	25-34	9
21:00	0	0	2	6	4	0	0	0	0	0	0	0	0	0	12	25-34	10
22:00	0	0	0	3	2	0	0	0	0	0	0	0	0	0	5	25-34	5
23:00	0	2	0	5	0	0	0	0	0	0	0	0	0	0	7	21-30	5
<b>Total</b>	<b>10</b>	<b>13</b>	<b>49</b>	<b>107</b>	<b>80</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>295</b>		
Percent	3.4%	4.4%	16.6%	36.3%	27.1%	7.8%	4.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	10:00	08:00	07:00	07:00	07:00	07:00								07:00		
Vol.	4	2	8	17	18	5	3								47		
PM Peak	16:00	13:00	13:00	18:00	14:00	16:00	20:00								13:00		
Vol.	2	2	7	7	10	3	3								20		



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Speed

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Station ID:

Latitude: 0' 0.0000 Undefined

B= Southbound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
06/03/17	1	3	1	1	0	0	0	0	0	0	0	0	0	0	6	16-25	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1
07:00	0	0	2	1	3	1	0	0	0	0	0	0	0	0	7	31-40	4
08:00	0	1	3	5	3	0	0	0	0	0	0	0	0	0	12	21-30	8
09:00	2	2	8	3	6	0	0	0	0	0	0	0	0	0	21	19-28	11
10:00	0	3	7	11	2	0	0	0	0	0	0	0	0	0	23	21-30	18
11:00	0	3	9	5	5	0	0	0	0	0	0	0	0	0	22	20-29	14
12 PM	2	3	8	8	2	1	0	0	0	0	0	0	0	0	24	21-30	16
13:00	1	2	6	6	4	1	0	0	0	0	0	0	0	0	20	21-30	12
14:00	1	0	4	4	2	0	0	0	0	0	0	0	0	0	11	21-30	8
15:00	2	4	3	4	3	1	0	0	0	0	0	0	0	0	17	15-24	7
16:00	0	1	2	9	8	0	0	0	0	0	0	0	0	0	20	26-35	17
17:00	0	1	2	5	1	0	0	0	0	0	0	0	0	0	9	21-30	7
18:00	0	1	3	5	1	0	1	0	0	0	0	0	0	0	11	21-30	8
19:00	1	0	0	2	3	0	0	0	0	0	0	0	0	0	6	26-35	5
20:00	0	0	2	4	4	1	0	0	0	0	0	0	0	0	11	26-35	8
21:00	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	20-29	3
22:00	22	6	1	6	1	2	0	0	0	0	0	0	0	0	38	1-10	15
23:00	10	5	0	1	2	1	0	0	0	0	0	0	0	0	19	11-20	8
Total	42	36	62	84	50	9	1	0	0	0	0	0	0	0	284		
Percent	14.8%	12.7%	21.8%	29.6%	17.6%	3.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	00:00	11:00	10:00	09:00	06:00									10:00		
Vol.	2	3	9	11	6	1									23		
PM Peak	22:00	22:00	12:00	16:00	16:00	22:00	18:00								22:00		
Vol.	22	6	8	9	8	2	1								38		

Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

**B= Southbound**

Start Time	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
06/04/17	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
08:00	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3	14-23	1
09:00	0	0	2	1	2	0	0	0	0	0	0	0	0	0	5	19-28	3
10:00	0	1	3	4	7	0	0	1	0	0	0	0	0	0	16	26-35	11
11:00	1	4	4	6	7	1	0	0	0	0	0	0	0	0	23	26-35	13
12 PM	1	2	1	3	2	2	0	0	0	0	0	0	0	0	11	26-35	5
13:00	1	2	2	6	3	2	1	0	0	0	0	0	0	0	17	24-33	9
14:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	19-28	3
15:00	1	0	5	6	4	0	1	0	0	0	0	0	0	0	17	21-30	11
16:00	0	2	4	4	0	0	0	0	0	0	0	0	0	0	10	20-29	8
17:00	0	0	0	2	1	1	0	0	0	0	0	0	0	0	4	24-33	3
18:00	2	5	4	5	3	1	0	0	0	0	0	0	0	0	20	16-25	9
19:00	2	1	2	7	2	0	0	0	0	0	0	0	0	0	14	21-30	9
20:00	0	0	1	2	1	0	0	0	0	0	0	0	0	0	4	20-29	3
21:00	0	0	3	1	1	2	0	1	0	0	0	0	0	0	8	21-30	4
22:00	1	0	0	3	0	0	0	0	0	0	0	0	0	0	4	21-30	3
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
<b>Total</b>	9	17	35	54	35	9	2	2	0	0	0	0	0	1	164		
<b>Percent</b>	5.5%	10.4%	21.3%	32.9%	21.3%	5.5%	1.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%			
<b>AM Peak</b>	11:00	11:00	11:00	11:00	10:00	11:00		10:00						08:00	11:00		
<b>Vol.</b>	1	4	4	6	7	1		1						1	23		
<b>PM Peak</b>	18:00	18:00	15:00	19:00	15:00	12:00	13:00	21:00							18:00		
<b>Vol.</b>	2	5	5	7	4	2	1	1							20		



Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

A= Northbound, B= Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
06/01/17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	1	3	1	16	8	2	0	0	0	0	0	0	0	0	31	26-35	24
11:00	3	1	14	17	9	6	0	0	0	0	0	0	0	0	50	21-30	31
12 PM	3	3	12	14	19	5	2	0	0	0	0	0	0	0	58	26-35	33
13:00	2	3	8	19	12	2	0	0	0	0	0	0	0	0	46	26-35	31
14:00	2	0	11	22	10	1	0	0	0	0	0	0	0	0	46	21-30	33
15:00	5	2	16	48	17	3	0	0	0	0	0	0	0	0	91	26-35	65
16:00	0	5	10	26	14	2	1	0	0	0	0	0	0	0	58	26-35	40
17:00	2	2	13	42	23	6	0	0	0	0	0	0	0	0	88	26-35	65
18:00	5	2	7	32	18	4	0	0	0	0	0	0	0	0	68	26-35	50
19:00	1	1	13	17	11	1	0	0	0	0	0	0	0	0	44	21-30	30
20:00	1	4	5	11	9	5	1	0	0	0	0	0	0	0	36	26-35	20
21:00	0	0	5	9	9	2	1	0	0	0	0	0	0	0	26	26-35	18
22:00	0	2	1	5	4	1	0	0	0	0	0	0	0	0	13	26-35	9
23:00	0	0	1	3	2	0	0	0	0	0	0	0	0	0	6	24-33	5
Total	25	28	117	281	165	40	5	0	0	0	0	0	0	0	661		
Percent	3.8%	4.2%	17.7%	42.5%	25.0%	6.1%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	11:00	11:00	11:00	11:00									11:00		
Vol.	3	3	14	17	9	6									50		
PM Peak	15:00	16:00	15:00	15:00	17:00	17:00	12:00								15:00		
Vol.	5	5	16	48	23	6	2								91		



Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

A= Northbound, B= Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
06/03/17	1	5	2	5	0	1	0	0	0	0	0	0	0	0	14	21-30	7
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	20-29	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
04:00	0	0	1	3	0	0	0	0	0	0	0	0	0	0	4	21-30	4
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
07:00	0	0	2	3	5	2	0	0	0	0	0	0	0	0	12	26-35	8
08:00	0	1	5	6	4	0	0	0	0	0	0	0	0	0	16	21-30	11
09:00	2	2	11	10	7	1	0	0	0	0	0	0	0	0	33	21-30	21
10:00	0	9	15	24	5	1	0	0	0	0	0	0	0	0	54	21-30	39
11:00	4	7	18	9	12	0	0	0	0	0	0	0	0	0	50	20-29	27
12 PM	2	6	16	19	5	1	0	0	0	0	0	0	0	0	49	21-30	35
13:00	1	6	18	19	12	5	0	0	0	0	0	0	0	0	61	21-30	37
14:00	3	3	9	12	5	0	0	0	0	0	0	0	0	0	32	21-30	21
15:00	3	9	6	14	6	1	0	0	0	0	0	0	0	0	39	21-30	20
16:00	1	2	6	27	18	2	0	0	0	0	0	0	0	0	56	26-35	45
17:00	1	2	6	14	10	1	0	0	0	0	0	0	0	0	34	26-35	24
18:00	1	2	8	10	6	2	1	0	0	0	0	0	0	0	30	21-30	18
19:00	2	4	2	9	9	1	0	0	0	0	0	0	0	0	27	26-35	18
20:00	2	1	8	11	6	1	0	0	0	0	0	0	0	0	29	21-30	19
21:00	1	0	9	10	3	0	0	0	0	0	0	0	0	0	23	21-30	19
22:00	23	8	2	13	3	2	1	0	0	0	0	0	0	0	52	26-35	16
23:00	10	5	1	3	3	2	0	0	0	0	0	0	0	0	24	11-20	8
<b>Total</b>	<b>57</b>	<b>73</b>	<b>145</b>	<b>223</b>	<b>120</b>	<b>24</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>644</b>		
Percent	8.9%	11.3%	22.5%	34.6%	18.6%	3.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	11:00	10:00	11:00	07:00									10:00		
Vol.	4	9	18	24	12	2									54		
PM Peak	22:00	15:00	13:00	16:00	16:00	13:00	18:00								13:00		
Vol.	23	9	18	27	18	5	1								61		

Sheridan Rd  
Between Manor and Orchard Rd  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 Undefined

A= Northbound, B= Southbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
06/04/17	0	0	0	3	1	0	0	0	0	0	0	0	0	0	4	24-33	4
01:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	24-33	3
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	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
05:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
06:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
07:00	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	20-29	3
08:00	3	0	3	1	3	0	0	0	0	0	0	0	0	2	12	22-31	4
09:00	0	1	3	9	5	1	0	0	0	0	0	0	0	0	19	25-34	14
10:00	0	4	12	11	17	0	0	1	0	0	0	0	0	0	45	26-35	28
11:00	3	6	8	19	10	1	0	0	0	0	0	0	0	0	47	25-34	29
12 PM	2	3	6	9	8	2	0	0	0	0	0	0	0	0	30	26-35	17
13:00	4	3	7	13	7	3	1	0	0	0	0	0	0	0	38	24-33	20
14:00	1	1	4	8	3	2	0	0	0	0	0	0	0	0	19	21-30	12
15:00	3	3	10	17	9	0	1	0	0	0	0	0	0	0	43	21-30	27
16:00	2	4	9	14	6	1	0	0	0	0	0	0	0	0	36	21-30	23
17:00	0	1	5	11	5	1	0	0	0	0	0	0	0	0	23	21-30	16
18:00	4	6	9	9	9	1	0	0	0	0	0	0	0	0	38	21-30	18
19:00	5	1	4	17	6	1	0	0	0	0	0	0	0	0	34	26-35	23
20:00	1	0	2	7	8	1	0	0	0	0	0	0	0	0	19	26-35	15
21:00	0	0	5	8	3	2	0	1	0	0	0	0	0	0	19	21-30	13
22:00	1	0	1	4	1	1	0	0	0	0	0	0	0	0	8	24-33	5
23:00	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	19-28	2
<b>Total</b>	<b>29</b>	<b>33</b>	<b>93</b>	<b>168</b>	<b>103</b>	<b>17</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>449</b>		
Percent	6.5%	7.3%	20.7%	37.4%	22.9%	3.8%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%			
AM Peak	08:00	11:00	10:00	11:00	10:00	09:00		10:00						08:00	11:00		
Vol.	3	6	12	19	17	1		1						2	47		
PM Peak	19:00	18:00	15:00	15:00	15:00	13:00	13:00	21:00							15:00		
Vol.	5	6	10	17	9	3	1	1							43		





Site Code: 00000001  
 Station ID:  
 Sheridan Rd  
 Between Manor & Orchard Rd  
 Latitude: 0' 0.0000 Undefined

Start Time	29-May-17 Mon	30-May-17 Tue	31-May-17 Wed	01-Jun-17 Thu	02-Jun-17 Fri	Weekday Average	03-Jun-17 Sat	04-Jun-17 Sun
12:00 AM	*	*	*	*	3	3	14	4
01:00	*	*	*	*	1	1	0	3
02:00	*	*	*	*	0	0	2	1
03:00	*	*	*	*	0	0	1	0
04:00	*	*	*	*	2	2	4	1
05:00	*	*	*	*	0	0	0	2
06:00	*	*	*	*	8	8	2	2
07:00	*	*	*	*	62	62	12	3
08:00	*	*	*	*	50	50	16	12
09:00	*	*	*	*	41	41	33	19
10:00	*	*	*	31	34	32	54	45
11:00	*	*	*	50	32	41	50	47
12:00 PM	*	*	*	58	38	48	49	30
01:00	*	*	*	46	45	46	61	38
02:00	*	*	*	46	41	44	32	19
03:00	*	*	*	91	88	90	39	43
04:00	*	*	*	58	48	53	56	36
05:00	*	*	*	88	59	74	34	23
06:00	*	*	*	68	43	56	30	38
07:00	*	*	*	44	40	42	27	34
08:00	*	*	*	36	38	37	29	19
09:00	*	*	*	26	36	31	23	19
10:00	*	*	*	13	16	14	52	8
11:00	*	*	*	6	16	11	24	3
Total	0	0	0	661	741		644	449
Percentage	0.0%	0.0%	0.0%	84.1%	94.3%		81.9%	57.1%
AM Peak	-	-	-	11:00	07:00	-	10:00	11:00
Vol.	-	-	-	50	62	-	54	47
PM Peak	-	-	-	15:00	15:00	-	13:00	15:00
Vol.	-	-	-	91	88	-	61	43

Site Code: 0000001  
 Station ID:  
 Sheridan Rd  
 Between Manor & Orchard Rd  
 Latitude: 0' 0.0000 Undefined

Start Time	05-Jun-17 Mon	06-Jun-17 Tue	07-Jun-17 Wed	08-Jun-17 Thu	09-Jun-17 Fri	Weekday Average	10-Jun-17 Sat	11-Jun-17 Sun
12:00 AM	5	*	*	*	*	5	*	*
01:00	1	*	*	*	*	1	*	*
02:00	2	*	*	*	*	2	*	*
03:00	6	*	*	*	*	6	*	*
04:00	0	*	*	*	*	0	*	*
05:00	1	*	*	*	*	1	*	*
06:00	12	*	*	*	*	12	*	*
07:00	75	*	*	*	*	75	*	*
08:00	31	*	*	*	*	31	*	*
09:00	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*
12:00 PM	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*
Total	133	0	0	0	0		0	0
Percentage	100.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%
AM Peak	07:00	-	-	-	-	-	-	-
Vol.	75	-	-	-	-	-	-	-
PM Peak	-	-	-	-	-	-	-	-
Vol.	-	-	-	-	-	-	-	-
Total		0	0					

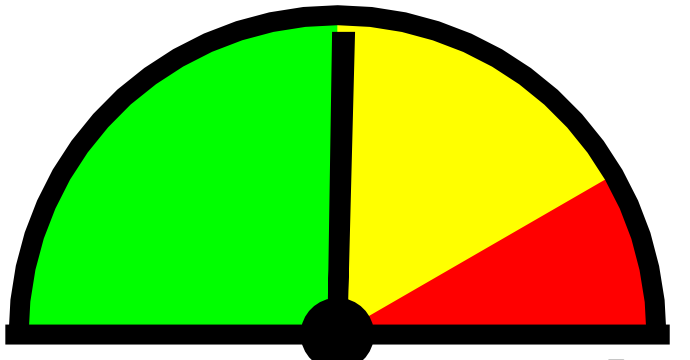
# Speed Enforcement Evaluator

**Location:**  
**Sheridan Rd**

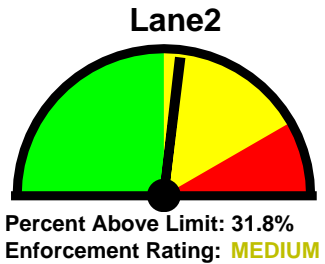
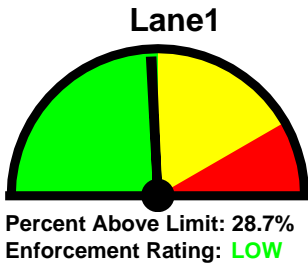
**Total Percentage of  
Enforceable Violations**

**Closest Cross Street:**  
Between Manor & Orchard Rd

**Analysis Dates:**  
Thursday, June 01, 2017  
Monday, June 05, 2017



**0%** **59%**  
**Posted Speed Limit:** 25 MPH  
**Enforcement Tolerance:** 5 MPH  
**Enforcement Limit:** 31 MPH & Up  
**Percentage Above Limit:** 30.0%  
**Enforcement Rating:** **MEDIUM**



Combined

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
1	10	108	165	531	1005	607	140	26	4	0	0	0	2

85 percentile = 32

Lane1

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
1	6	45	85	330	629	361	71	6	2	0	0	0	1

85 percentile = 32

Lane2

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	4	63	80	201	376	246	69	20	2	0	0	0	1

85 percentile = 33

# Best Times for Enforcement

**Location:**

**Sheridan Rd**

**Closest Cross Street:**

Between Manor & Orchard Rd

**Analysis Dates:**

Thursday, June 01, 2017

Monday, June 05, 2017

- Sun** Combined: 10 AM to Noon  
Lane1: 9 AM to 11 AM  
Lane2: 10 AM to Noon
- Mon** Combined: 7 AM to 9 AM  
Lane1: 7 AM to 9 AM  
Lane2: 7 AM to 9 AM
- Tue**
- Wed**
- Thu** Combined: 5 PM to 7 PM  
Lane1: 5 PM to 7 PM  
Lane2: 11 AM to 1 PM
- Fri** Combined: 7 AM to 9 AM  
Lane1: 2 PM to 4 PM  
Lane2: 7 AM to 9 AM
- Sat** Combined: 4 PM to 6 PM  
Lane1: 4 PM to 6 PM  
Lane2: 3 PM to 5 PM

