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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 10<sup>th</sup> St between Cass St and Lake St

City Engineering performed a 24 hour speed study on 10th St between Cass St and Lake St beginning on Thursday, June 8th, 2017 concluded Friday, June 9th, 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 10<sup>th</sup> Street .

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, 1760 vehicles were recorded. The average (mean) speed of the 1760 vehicles is 18 miles per hour, with 11.5% 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 1.2%.

## Summary (Combined):

- **Mean Speed:** 18 MPH
- **Number of Vehicles above Posted Speed Limit** 11.5%
- **85<sup>th</sup> Percentile of Speed:** 24 MPH
- **95<sup>th</sup> Percentile of Speed:** 28 MPH

## Enclosed:

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

10th Street  
Btw Cass St and Lake St  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 South

A= Westbound

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			
06/08/17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	4	25	19	3	1	0	0	0	0	0	0	0	0	0	52	16-25	44
16:00	9	21	16	4	1	0	0	0	0	0	0	0	0	0	51	16-25	37
17:00	10	<b>30</b>	<b>23</b>	<b>5</b>	1	0	0	0	0	0	0	0	0	0	<b>69</b>	16-25	53
18:00	9	13	14	3	0	0	0	0	0	0	0	0	0	0	39	16-25	27
19:00	<b>13</b>	13	13	5	0	0	0	0	0	0	0	0	0	0	44	16-25	26
20:00	10	9	10	0	0	0	0	0	0	0	0	0	0	0	29	16-25	19
21:00	1	6	2	1	0	0	0	0	0	0	0	0	0	0	10	16-25	8
22:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	19-28	3
23:00	2	0	0	1	0	0	0	0	0	0	0	0	0	0	3	8-17	1
Total	58	117	99	23	3	0	0	0	0	0	0	0	0	0	300		
Percent	19.3%	39.0%	33.0%	7.7%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	19:00	17:00	17:00	17:00	15:00										17:00		
	13	30	23	5	1										69		

10th Street  
Btw Cass St and Lake St  
Speed

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Station ID:

Latitude: 0' 0.0000 South

A= Westbound

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			
06/09/17	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	*	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	*	1
06:00	3	7	9	1	0	0	0	0	0	0	0	0	0	0	20	16-25	16
07:00	21	42	8	0	0	0	0	0	0	0	0	0	0	0	71	14-23	50
08:00	46	32	10	0	0	0	0	0	0	0	0	0	0	0	88	11-20	47
09:00	23	27	23	1	0	0	0	0	0	0	0	0	0	0	74	16-25	50
10:00	9	18	17	7	0	0	0	0	0	0	0	0	0	0	51	16-25	35
11:00	21	28	21	5	0	0	0	0	0	0	0	0	0	0	75	16-25	49
12 PM	18	24	22	7	0	0	0	0	0	0	0	0	0	0	71	16-25	46
13:00	25	23	19	2	0	0	0	0	0	0	0	0	0	0	69	16-25	42
14:00	14	33	14	9	1	0	0	0	0	0	0	0	0	0	71	16-25	47
15:00	9	12	7	2	0	0	0	0	0	0	0	0	0	0	30	16-25	19
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	191	248	150	36	1	0	0	0	0	0	0	0	0	0	626		
Percent	30.5%	39.6%	24.0%	5.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	09:00	10:00											08:00		
Vol.	46	42	23	7											88		
PM Peak	13:00	14:00	12:00	14:00	14:00										12:00		
Vol.	25	33	22	9	1										71		
Total	249	365	249	59	4	0	0	0	0	0	0	0	0	0	926		
Percent	26.9%	39.4%	26.9%	6.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 8 MPH  
50th Percentile : 17 MPH  
85th Percentile : 23 MPH  
95th Percentile : 26 MPH

Stats  
10 MPH Pace Speed : 16-25 MPH  
Number in Pace : 614  
Percent in Pace : 66.3%  
Number of Vehicles > 25 MPH : 63  
Percent of Vehicles > 25 MPH : 6.8%  
Mean Speed(Average) : 17 MPH

10th Street  
Btw Cass St and Lake St  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 South

B= Eastbound

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			
06/08/17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	6	17	31	8	1	0	0	0	0	0	0	0	0	0	63	16-25	48
16:00	6	12	25	11	3	0	0	0	0	0	0	0	0	0	57	16-25	37
17:00	11	16	27	14	1	0	0	0	0	0	0	0	0	0	69	16-25	43
18:00	13	14	8	4	2	0	0	0	0	0	0	0	0	0	41	16-25	22
19:00	8	20	13	7	0	1	0	0	0	0	0	0	0	0	49	16-25	33
20:00	3	11	17	10	0	0	0	0	0	0	0	0	0	0	41	16-25	28
21:00	1	5	10	1	2	0	0	0	0	0	0	0	0	0	19	16-25	15
22:00	0	2	3	1	1	0	0	0	0	0	0	0	0	0	7	16-25	5
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
Total	48	97	135	56	10	1	0	0	0	0	0	0	0	0	347		
Percent	13.8%	28.0%	38.9%	16.1%	2.9%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	18:00	19:00	15:00	17:00	16:00	19:00									17:00		
	13	20	31	14	3	1									69		

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Btw Cass St and Lake St  
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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
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
06/09/17	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
05:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4	15-24	3
06:00	2	5	2	1	0	0	0	0	0	0	0	0	0	0	10	16-25	7
07:00	21	14	10	5	0	0	0	0	0	0	0	0	0	0	50	16-25	24
08:00	18	20	11	1	1	0	0	0	0	0	0	0	0	0	51	16-25	31
09:00	17	17	18	4	0	0	0	0	0	0	0	0	0	0	56	16-25	35
10:00	16	13	20	10	0	0	0	0	0	0	0	0	0	0	59	16-25	33
11:00	21	14	13	6	2	0	0	0	0	0	0	0	0	0	56	16-25	27
12 PM	18	33	32	19	0	0	0	0	0	0	0	0	0	0	102	16-25	65
13:00	12	18	30	12	3	0	0	0	0	0	0	0	0	0	75	16-25	48
14:00	16	19	27	12	1	0	0	0	0	0	0	0	0	0	75	16-25	46
15:00	6	7	19	4	0	0	0	0	0	0	0	0	0	0	36	16-25	26
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	148	161	186	76	7	0	0	0	0	0	0	0	0	0	578		
Percent	25.6%	27.9%	32.2%	13.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	08:00	10:00	10:00	11:00										10:00		
Vol.	21	20	20	10	2										59		
PM Peak	12:00	12:00	12:00	12:00	13:00										12:00		
Vol.	18	33	32	19	3										102		
Total	196	258	321	132	17	1	0	0	0	0	0	0	0	0	925		
Percent	21.2%	27.9%	34.7%	14.3%	1.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 10 MPH  
50th Percentile : 20 MPH  
85th Percentile : 25 MPH  
95th Percentile : 28 MPH

Stats  
10 MPH Pace Speed : 16-25 MPH  
Number in Pace : 579  
Percent in Pace : 62.6%  
Number of Vehicles > 25 MPH : 150  
Percent of Vehicles > 25 MPH : 16.2%  
Mean Speed(Average) : 19 MPH

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Btw Cass St and Lake St  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 South

A= Westbound, B= Eastbound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
06/08/17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	10	42	<b>50</b>	11	2	0	0	0	0	0	0	0	0	0	115	16-25	92
16:00	15	33	41	15	<b>4</b>	0	0	0	0	0	0	0	0	0	108	16-25	74
17:00	<b>21</b>	<b>46</b>	<b>50</b>	<b>19</b>	2	0	0	0	0	0	0	0	0	0	<b>138</b>	16-25	96
18:00	<b>22</b>	27	22	7	2	0	0	0	0	0	0	0	0	0	80	16-25	49
19:00	21	33	26	12	0	<b>1</b>	0	0	0	0	0	0	0	0	93	16-25	59
20:00	13	20	27	10	0	0	0	0	0	0	0	0	0	0	70	16-25	47
21:00	2	11	12	2	2	0	0	0	0	0	0	0	0	0	29	16-25	23
22:00	0	2	5	2	1	0	0	0	0	0	0	0	0	0	10	21-30	7
23:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0	4	19-28	2
Total	106	214	234	79	13	1	0	0	0	0	0	0	0	0	647		
Percent	16.4%	33.1%	36.2%	12.2%	2.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	18:00	17:00	15:00	17:00	16:00	19:00									17:00		
	22	46	50	19	4	1									138		

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Btw Cass St and Lake St  
Speed

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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
06/09/17	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3	20-29	2
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
02:00	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3	14-23	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
05:00	2	1	2	1	0	0	0	0	0	0	0	0	0	0	6	21-30	3
06:00	5	12	11	2	0	0	0	0	0	0	0	0	0	0	30	16-25	23
07:00	42	56	18	5	0	0	0	0	0	0	0	0	0	0	121	16-25	74
08:00	64	52	21	1	1	0	0	0	0	0	0	0	0	0	139	16-25	73
09:00	40	44	41	5	0	0	0	0	0	0	0	0	0	0	130	16-25	85
10:00	25	31	37	17	0	0	0	0	0	0	0	0	0	0	110	16-25	68
11:00	42	42	34	11	2	0	0	0	0	0	0	0	0	0	131	16-25	76
12 PM	36	57	54	26	0	0	0	0	0	0	0	0	0	0	173	16-25	111
13:00	37	41	49	14	3	0	0	0	0	0	0	0	0	0	144	16-25	90
14:00	30	52	41	21	2	0	0	0	0	0	0	0	0	0	146	16-25	93
15:00	15	19	26	6	0	0	0	0	0	0	0	0	0	0	66	16-25	45
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	339	409	336	112	8	0	0	0	0	0	0	0	0	0	1204		
Percent	28.2%	34.0%	27.9%	9.3%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	09:00	10:00	11:00										08:00		
Vol.	64	56	41	17	2										139		
PM Peak	13:00	12:00	12:00	12:00	13:00										12:00		
Vol.	37	57	54	26	3										173		
Total	445	623	570	191	21	1	0	0	0	0	0	0	0	0	1851		
Percent	24.0%	33.7%	30.8%	10.3%	1.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 9 MPH  
50th Percentile : 18 MPH  
85th Percentile : 24 MPH  
95th Percentile : 28 MPH

Stats  
10 MPH Pace Speed : 16-25 MPH  
Number in Pace : 1193  
Percent in Pace : 64.5%  
Number of Vehicles > 25 MPH : 213  
Percent of Vehicles > 25 MPH : 11.5%  
Mean Speed(Average) : 18 MPH

10th Street  
Btw Cass St and Lake St  
Speed

Site Code: 00000001  
Station ID:

Latitude: 0' 0.0000 South

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	*	*	*	*	3	3	*	*
01:00	*	*	*	*	1	1	*	*
02:00	*	*	*	*	3	3	*	*
03:00	*	*	*	*	0	0	*	*
04:00	*	*	*	*	1	1	*	*
05:00	*	*	*	*	6	6	*	*
06:00	*	*	*	*	30	30	*	*
07:00	*	*	*	*	121	121	*	*
08:00	*	*	*	*	<b>139</b>	139	*	*
09:00	*	*	*	*	130	130	*	*
10:00	*	*	*	*	110	110	*	*
11:00	*	*	*	*	131	131	*	*
12:00 PM	*	*	*	*	<b>173</b>	173	*	*
01:00	*	*	*	*	144	144	*	*
02:00	*	*	*	*	146	146	*	*
03:00	*	*	*	115	66	90	*	*
04:00	*	*	*	108	*	108	*	*
05:00	*	*	*	<b>138</b>	*	138	*	*
06:00	*	*	*	80	*	80	*	*
07:00	*	*	*	93	*	93	*	*
08:00	*	*	*	70	*	70	*	*
09:00	*	*	*	29	*	29	*	*
10:00	*	*	*	10	*	10	*	*
11:00	*	*	*	4	*	4	*	*
Total	0	0	0	647	1204		0	0
Percentage	0.0%	0.0%	0.0%	36.8%	68.4%		0.0%	0.0%
AM Peak	-	-	-	-	08:00	-	-	-
Vol.	-	-	-	-	139	-	-	-
PM Peak	-	-	-	17:00	12:00	-	-	-
Vol.	-	-	-	138	173	-	-	-
Total		0	0					





# Best Times for Enforcement

**Location:**

**10th St**

**Closest Cross Street:**

Cass St and Lake St

**Analysis Dates:**

Thursday, June 08, 2017

Friday, June 09, 2017

Sun

Mon

Tue

Wed

Thu

Combined: 3 PM to 5 PM

Lane1: 3 PM to 5 PM

Lane2: 3 PM to 5 PM

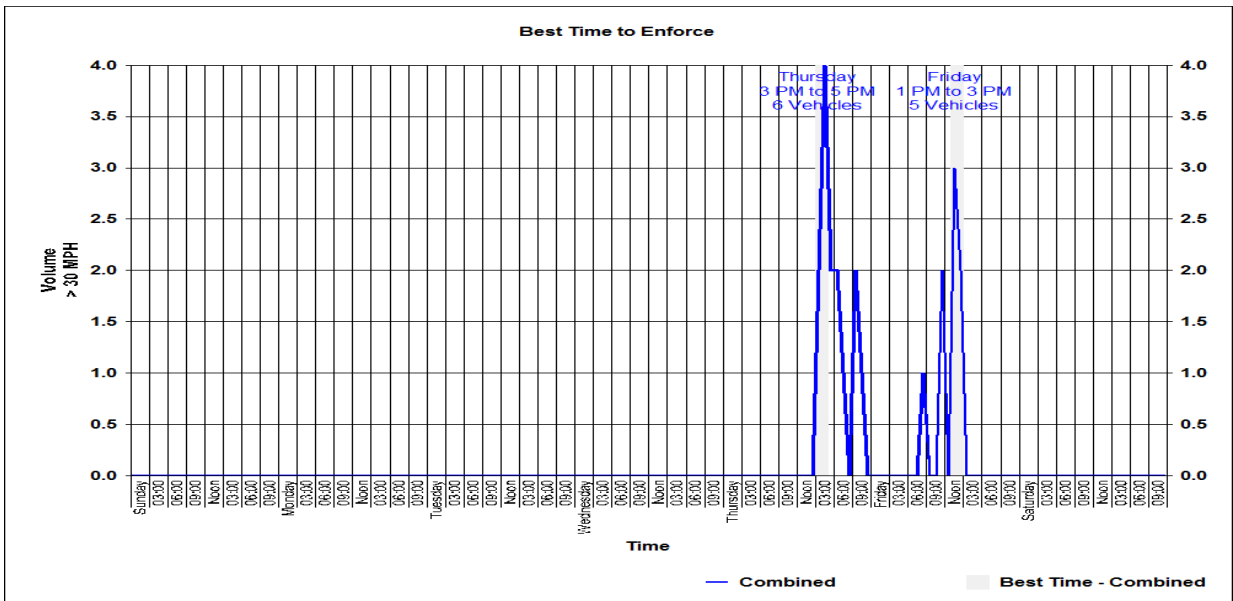
Fri

Combined: 1 PM to 3 PM

Lane1: 1 PM to 3 PM

Lane2: 1 PM to 3 PM

Sat



10th Street  
Btw Cass St and Lake St  
Speed

