



TRAFFIC SAFETY COMMISSION

Mark Roherty - Chairperson

Lt. Wayne Lambrecht - Vice Chairperson

Barbara Aagerup, Dave Brantner, Jean Clement, Joe Davis, Tim Deppisch, Jon Edgren,
Steve Graff, LeRoy Haeuser, Perry Lieuallen, Kristen Lundeen, Paul Melotik, Cedric Rembert

AGENDA – 1/24/2018

JUSTICE CENTER-ROOM 240

1201 SOUTH SPRING STREET-PORT WASHINGTON, WI 53074

Wednesday, January 24, 2018 - 10:00 a.m.

1. Call to Order/Proper Notice/Adoption of Agenda
2. Public Comments/Correspondence/Communications
3. Approve Minutes from October 25, 2017 Meeting
4. Action Items:
 - a. Crash Study – N. Green Bay Road and Lakefield Road (CTH T)
 - b. Speed Study on CTH D/Town of Belgium
 - c. Speed Study on CTH V/Town of Grafton – requested by Daniel Nelson at July 26, 2017 Traffic Safety Commission Meeting
5. Discussion Items:
 - d. Fatal Accident Quarterly Review
 - e. State Informational Items
 - f. Local Information Items
6. Adjournment



**OZAUKEE COUNTY SHERIFF'S OFFICE
MEMORANDUM**



TO: Traffic Safety Committee Members
FROM: Lieutenant Lambrecht
DATE: 12-20-17
RE: Crash Study – N. Green Bay Rd. and Lakefield Rd. (CTH T)

A crash study was conducted at the intersection at the request of a citizen. The data below details each crash investigated at the intersection within the last 5 years.

Date / time of crash: 10-14-17 at 10:41am

Unit #2 was southbound on N. Green Bay Rd. and completed the required stop at stop sign at (CTH T) Lakefield Rd. Unit #2 began to turn eastbound onto Lakefield rd. Unit #1 was westbound on (CTH T) Lakefield Rd. and failed to stop at the stop sign at N. Green Bay Rd. Unit #1 struck Unit #2.

Date / time of crash: 04-26-17 at 11:30am

Unit #1 was eastbound on Lakefield Rd. and failed to stop at stop sign at Green Bay Rd. Unit #2 was southbound on N. Green Bay Rd. Unit #1 struck Unit #2.

Date / time of crash: 09-18-15 at 6:15pm

Unit #1 was eastbound on Lakefield Rd. and failed to stop at the stop sign at N. Green Bay Rd. Unit #2 was northbound on N. Green Bay Rd. Unit #1 struck Unit #2.

Date / time of crash: 06-29-15 at 7:55am

Unit #1 was eastbound on Lakefield Rd. and stopped at the stop sign at N. Green Bay Rd. Unit #2 was northbound on N. Green Bay Rd. and stopped at the stop sign at Lakefield Rd. Both drivers proceeded through the intersection at the same time and struck each other.

Date / time of crash: 04-09-15 at 2:20pm

Unit #1 proceeding northbound on N. Green Bay Rd. from stop sign at Lakefield Rd. Unit #2 was eastbound on Lakefield Rd. and failed to stop for the stop sign at N. Green Bay Rd. Unit #2 struck Unit #1.

Date / time of crash: 10-17-13 at 9:43am

Unit #2 proceeding southbound on N. Green Bay Rd. from stop sign at Lakefield Rd. Unit #1 was eastbound on Lakefield Rd. and failed to stop for the stop sign at N. Green Bay Rd. Unit #1 struck Unit #2.

Date / time of crash: 07-12-13 at 6:05pm

Unit #1 was northbound on N. Green Bay Rd. and stopped at stop sign at (CTH T) Lakefield Rd. Unit #2 was eastbound on (CTH T) Lakefield Rd. at North Green Bay Rd. and stopped at stop sign. Both drivers proceeded through the intersection at the same time and struck each other.

Date / time of crash: 02-26-13 at 5:59pm

Unit #1 and Unit #2 were northbound on N. Green Bay Rd. and slowing for the stop sign. Unit #2 slid on ice and struck the back of Unit #1. It was snowing at the time of the crash.

Date / time of crash: *02-28-13 at (time unknown)*

Unit #1 was westbound on (CTH T) Lakefield Rd. and slid through the intersection at N. Green Bay Rd. Unit #1 struck a stop sign and fled the scene.

Date / time of crash: *02-28-13 at 6:36am*

Unit #1 was westbound on (CTH T) Lakefield Rd. approaching the intersection of N. Green Bay Rd. Unit #1 was going too fast and slid through the intersection striking a utility pole.

Date / time of crash: *01-09-13 at 1:13pm*

Unit #1 was stopped at the stop sign eastbound on (CTH T) Lakefield Rd. at N. Green Bay Rd. Unit #2 was also eastbound on (CTH T) Lakefield Rd. The front of Unit #2 struck the rear of Unit #1.

CRASH DATA SUMMARY

- Five (5) crashes involved vehicles failing to stop at the stop sign while traveling eastbound and westbound on Lakefield Rd. (CTH T) at N. Green Bay Rd.
- Two (2) of the crashes involved vehicles proceeding through the intersection after stopping at the stop sign and failing to yield the right of way which resulted in the crash.
- Three of the crashes were related to road conditions attributed to the weather.

- One of the crashes occurred as a result of inattentive driving.

Based on this information the Traffic Safety Committee will discuss the data collected. A review of the sight distances will also be reviewed. The Committee will also determine if a recommendation will be made to add overhead signage and/or a flashing light at the stop sign.



MEMORANDUM
Ozaukee County Sheriff's Office

TO: Traffic Safety Committee Members
FROM: Lieutenant Lambrecht
DATE: 01-04-18
RE: Speed Study on CTH D / Town of Belgium

A request was made by Andrew Burmesch to reduce the speed limit between Six Mile Rd east to the Village of Belgium to 35MPH. A request was also made to add a school bus stop ahead sign near his residence. A speed study was conducted on CTH D.

SPEED SURVEY

Speed Study #1: Speed trailer parked on CTH D west of Lilac Ln. in the Town of Belgium between the "Reduce Speed Ahead" 25MPH sign and the 25MPH speed limit sign. The speed limit in this area is 55MPH.

The Speed Trailer was deployed at this location for 5 days from Monday, 10-16-17 at 6:00am through Friday, 10-20-17 at 6:00am. See attached data sheets for totals. In summary, the 85th percentile for speed was 52MPH. The speed trailer was facing eastbound and the vehicles in the "closing" data sheet were traveling westbound.

Speed Study #2: Speed trailer parked near 1722 CTH D in the Town of Belgium. The speed limit is 55mph in this section of roadway.

The Speed Trailer was deployed at this location for 5 days from Sunday, 10-22-17 at 6:00am through Friday, 10-27-17 at 6:00am. See attached data sheets for totals. In summary, the 85th percentile for speed was 58 mph. The speed trailer was facing eastbound and the vehicles in the “closing” data sheet were traveling westbound.

Speed Study #3: Speed trailer parked near 1983 CTH D in the Town of Belgium. The speed limit is 55mph in this section of roadway.

The Speed Trailer was deployed at this location for 5 days from Sunday, 10-29-17 at 6:00am through 11-3-17 at 6:00am. See attached data sheets for totals. In summary, the 85th percentile for speed was 60mph. The speed trailer was facing eastbound and the vehicles in the “closing” data sheets were traveling westbound.

Email received from Mr. Andrew Burmesch

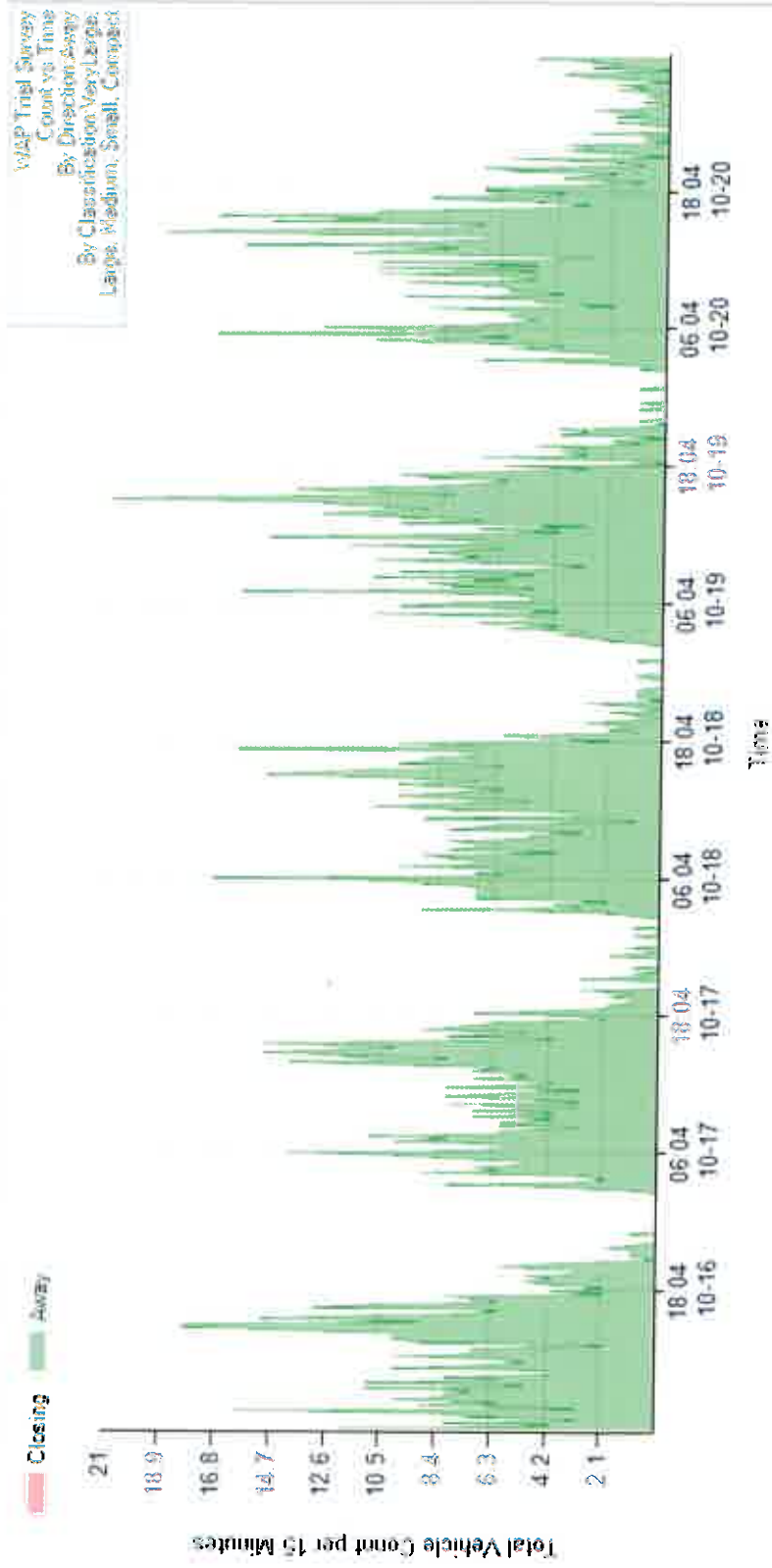
I would like to have the speed limit to be changed between Six Mile Rd and my house to 35mph and a school bus stop ahead sign put up. I have four young girls and two girls that get on two separate busses. There are semis, dump trucks, and everyone else that come flying over the hill going 60+. A bus cannot be seen from the opposite side of the hill. I am not only concerned about my children, but all the kids off the bus are in danger. It is only a matter of time before someone hits a bus stopped at our house. This is the only entrance to the village that doesn't slow to 35 before 25.

Thanks, Andrew Burmesch



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Survey Name	WAP Trial Survey	Miles/Hour	Average Speed	Total Volume	100%
Start Date	2017-10-16	25	Max Speed	Over Limit Count	2550
Stop Date	2017-10-21		Min Speed	Under Limit Count	2529
			85th Percentile	Over Threshold Count	21
			10 MPH Pace	In Pace Count	21
					97%
					51.8%

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Survey Name	WAP Trial Survey	Location	1027 Main St. Belgium, WI	Speed Unit	Miles/Hour
Start	2017-10-16 06:04	Traffic Direction	Undefined	Speed Limit	25
Stop	2017-10-22 04:25	Zone	School Zone	Min Speed	10
Operator	000	Min Following Time	0.0	Max Speed	120
Survey Direction	Both	Time Resolution	1	Speed Resolution	

Total Vehicle Count	6114	100%	Average Speed	41.9	MPH	In Face Count	1784	28%
Under Limit Count	245	4%	Minimum Speed	13	MPH	10 mph Face	37.45	MPH
Over Limit Count	5669	95%	Maximum Speed	87	MPH	Standard Deviation	9	MPH
10 Over Limit Count	4428	72%	85th Percentile Speed	52	MPH	Average Speed Over Limit	42.5	MPH

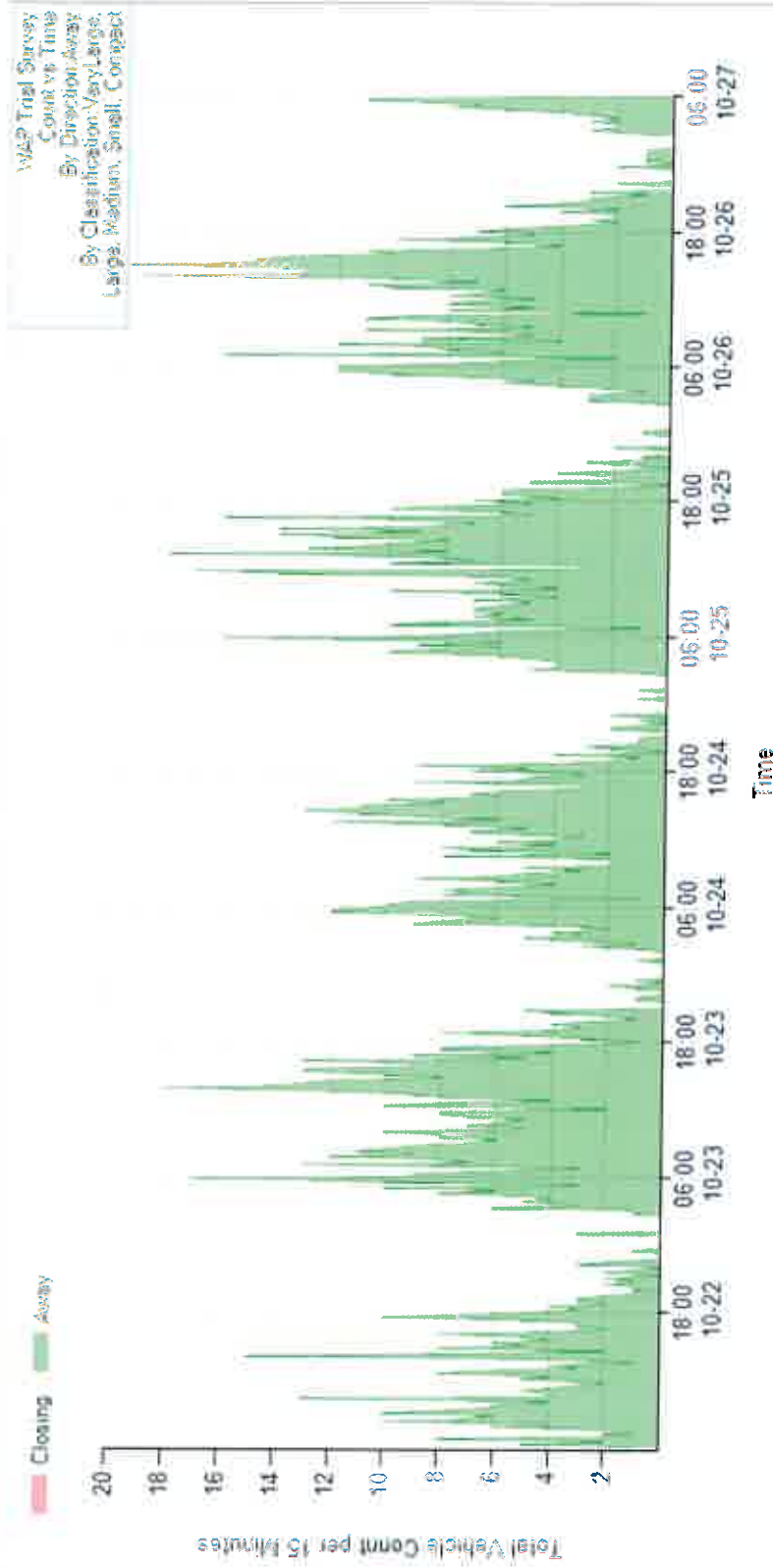
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Survey Name:	WAP Trial Survey	Average Speed	48.2799	MPH	Total Volume	2383	100%
Start Date:	2017-10-22	Max Speed	75	MPH	Over Limit Count	268	11.2%
Stop Date:	2017-10-27	Min Speed	10	MPH	Under Limit Count	2115	88.8%
		85th Percentile	55	MPH	Over Threshold Count	2115	0%
		10 MPH Pace	44 - 53	MPH	In Pace Count	1322	55.5%
		Miles/hour	55				
		Speed Unit	Speed Limit				

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Survey Name	WAP Trial Survey	Speed Unit	Miles/Hour	Average Speed	Total Volume
Start Date	2017-10-22	Speed Limit	55	Max Speed	Over Limit Count
Stop Date	2017-10-27			Min Speed	Under Limit Count
				85th Percentile	Over Threshold Count
				10 MPH Pace	In Pace Count
				49 - 58 MPH	1294
				53 15826 MPH	2439
				85 MPH	984
				10 MPH	1455
				60 MPH	1455
				49 - 58 MPH	2%
				10 MPH Pace	53.1%

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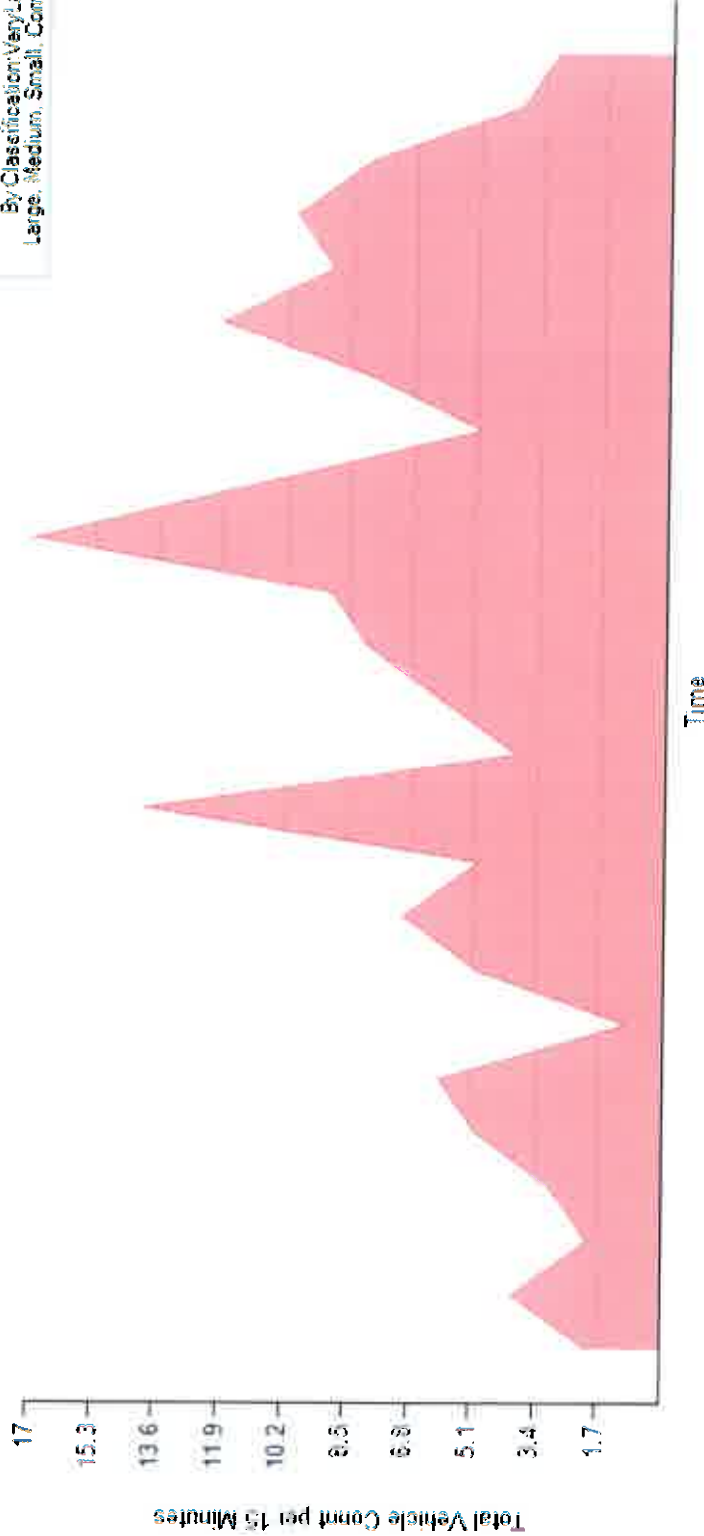
Survey Name	WAP Trial Survey	Location	1722 Ch D Belgium, WI	Speed Unit	Miles/Hour
Start	2017-10-22 04:50	Traffic Direction	Undefined	Speed Limit	55
Stop	2017-10-29 01:33	Zone		Min Speed	10
Operator	000	Min Following Time	0.0	Max Speed	120
Survey Direction	Both	Time Resolution	1	Speed Resolution	

Total Vehicle Count	6688	100%	Average Speed	50.5	MPH	In Pace Count	3356	50%
Under Limit Count	5018	75%	Minimum Speed	10	MPH	10 mph Pace	46.55	MPH
Over Limit Count	1570	25%	Maximum Speed	87	MPH	Standard Deviation	7	MPH
10 Over Limit Count	99	1%	88th Percentile Speed	58	MPH	Average Speed Over Limit	55.2	MPH

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WAP Trial Survey
Count vs. Time
By Direction: Closing
By Classification: Very Large,
Large, Medium, Small, Compact

Closing Away



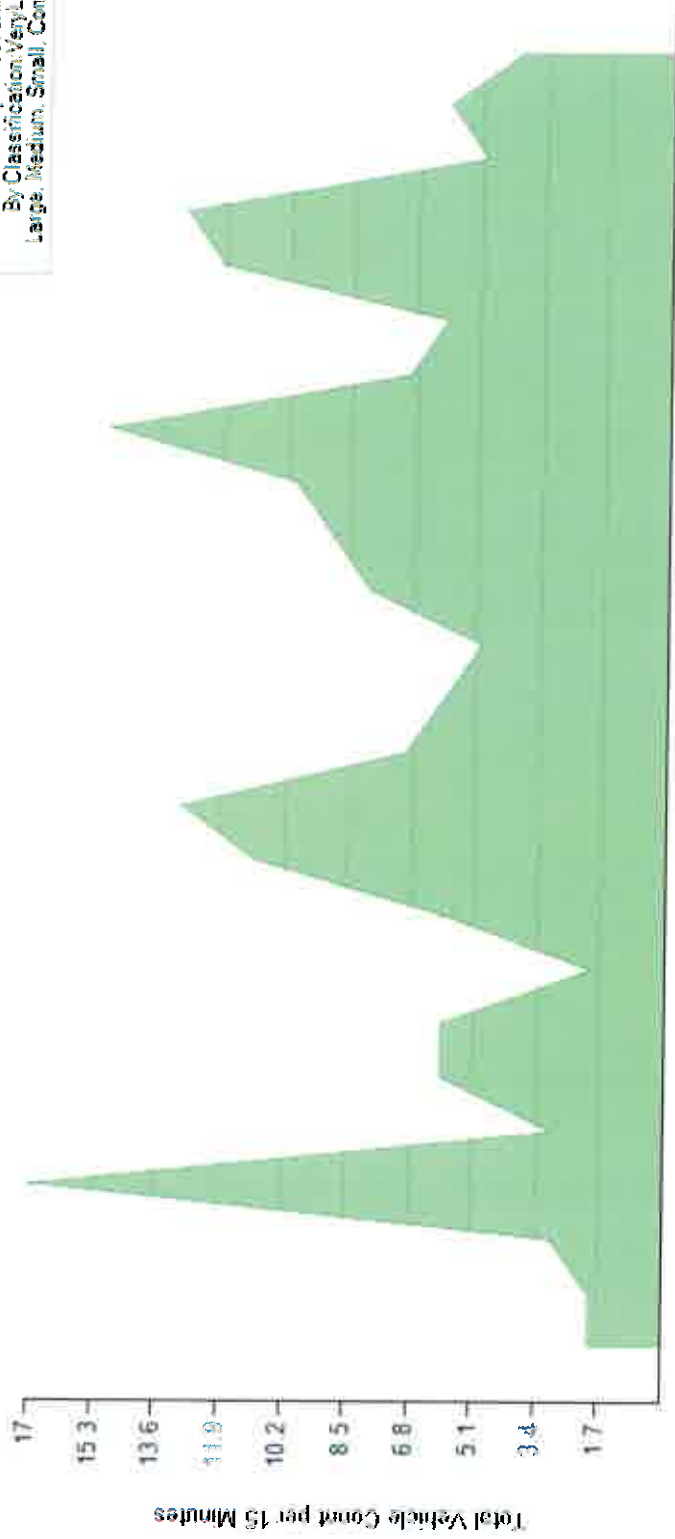
Survey Name	WAP Trial Survey	Speed Unit	Miles/Hour	Average Speed	Total Volume
Start Date	2017-10-29	Speed Limit	55	Max Speed	168
Stop Date	2017-11-03			Min Speed	54
				85th Percentile	114
				10 MPH Pace	114
					97
					100%
					32.1%
					67.9%
					1%
					57.7%

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WAP Trial Survey
 Count vs Time
 By Direction: Away
 By Classification: Very Large,
 Large, Medium, Small, Compact

Closing
 Away



Time

Survey Name
 Start Date
 Stop Date

WAP Trial Survey
 2017-10-29
 2017-11-03

Speed Unit
 Speed Limit

Miles/Hour
 55

Average Speed
 Max Speed
 Min Speed
 65th Percentile
 10 MPH Pace

54
 17935
 72
 26
 61
 50 - 59

MPH
 MPH
 MPH
 MPH
 MPH

Total Volume
 Over Limit Count
 Under Limit Count
 Over Threshold Count
 In Pace Count

184
 86
 98
 98
 101

100%
 46.7%
 53.3%
 5%
 54.9%

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Survey Name	WAP Trial Survey	Location	1983 Oh D Belgium, WI	Speed Unit	Miles/Hour
Start	2017-10-29 02:03	Traffic Direction	Undesired	Speed Limit	55
Stop	2017-10-29 12:05	Zone		Min Speed	10
Operator	000	Min Following Time	0.0	Max Speed	120
Survey Direction	Both	Time Resolution	1	Speed Resolution	

Total Vehicle Count	333	100%	Average Speed	59.5	MPH	212	54%
Under Limit Count	229	59%	Minimum Speed	19	MPH	49 - 56	MPH
Over Limit Count	159	41%	Maximum Speed	72	MPH	Standard Deviation	7
10 Over Limit Count	13	3%	85th Percentile Speed	60	MPH	Average Speed Over Limit	59.5

MEMORANDUM
Ozaukee County Sheriff's Office

TO: Traffic Safety Committee Members
FROM: Lieutenant Lambrecht
DATE: 09/01/17
RE: Speed Study on CTH V in the Town of Grafton

A speed study was requested to be conducted on CTH V in the Town of Grafton. The speed trailer was set up for five days at two locations.

SPEED SURVEY

Speed Study #1: Trailer parked in front of 1592 CTH V – Town of Grafton. The speed limit is 55mph in this section of roadway.

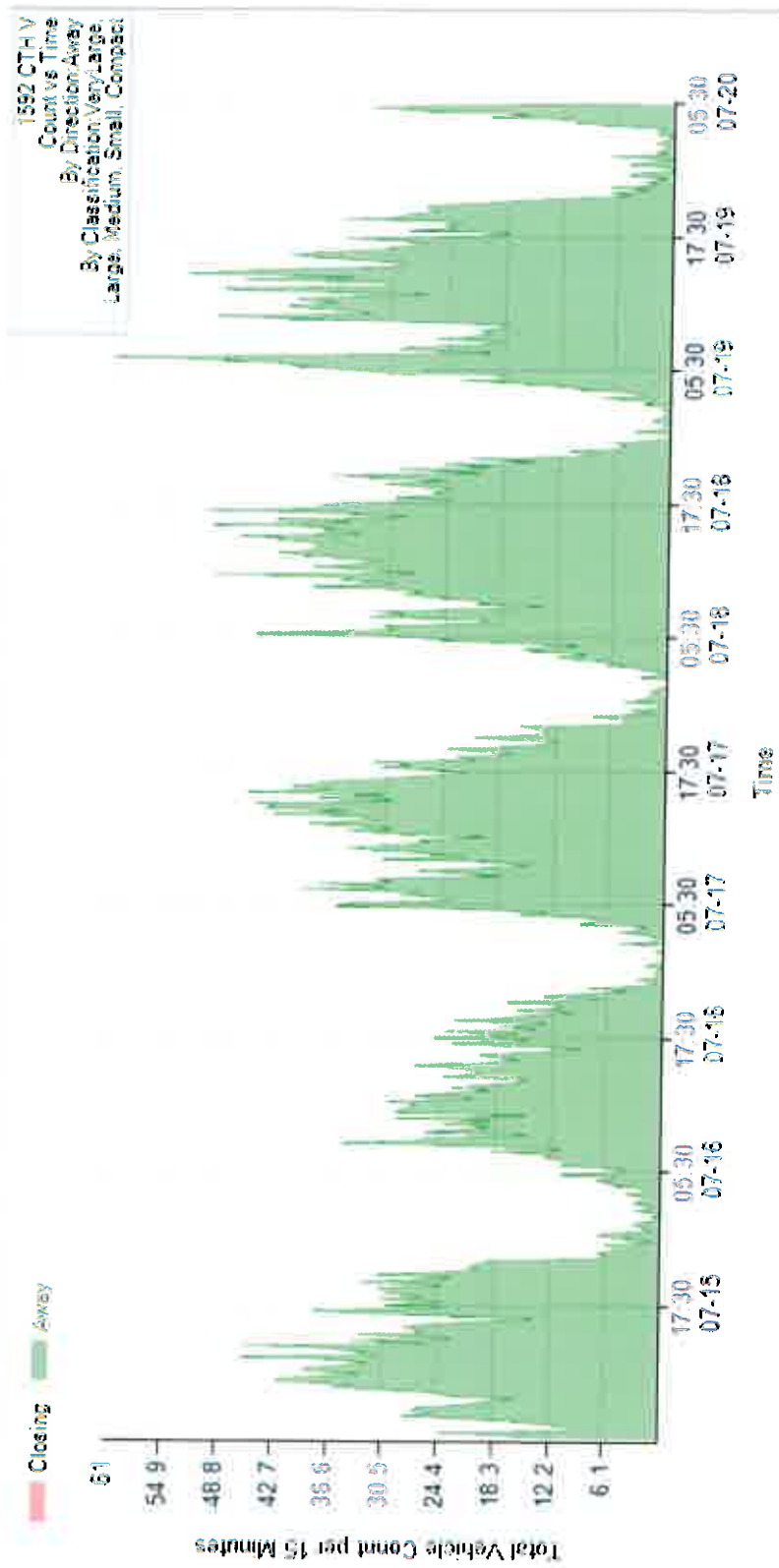
The Speed Trailer was deployed at this location for 5 days from Saturday, 07-15-17 through Thursday, 07-20-17. See attached data sheets for totals. In summary, the 85th percentile for speed was 56mph. The speed trailer was facing north and the vehicles in the “closing” data sheet were traveling southbound.

Speed Study #2 in front of 1375 CTH V– Town of Grafton. The speed limit is 45mph in this section of roadway.

The Speed Trailer was deployed at this location for 5 days from Friday, 08-11-17 through Wednesday, 08-16-17. See attached data sheets for totals. In summary, the 85th percentile for speed was 52 mph. The speed trailer was

facing north and the vehicles in the "closing" data sheet were traveling southbound.

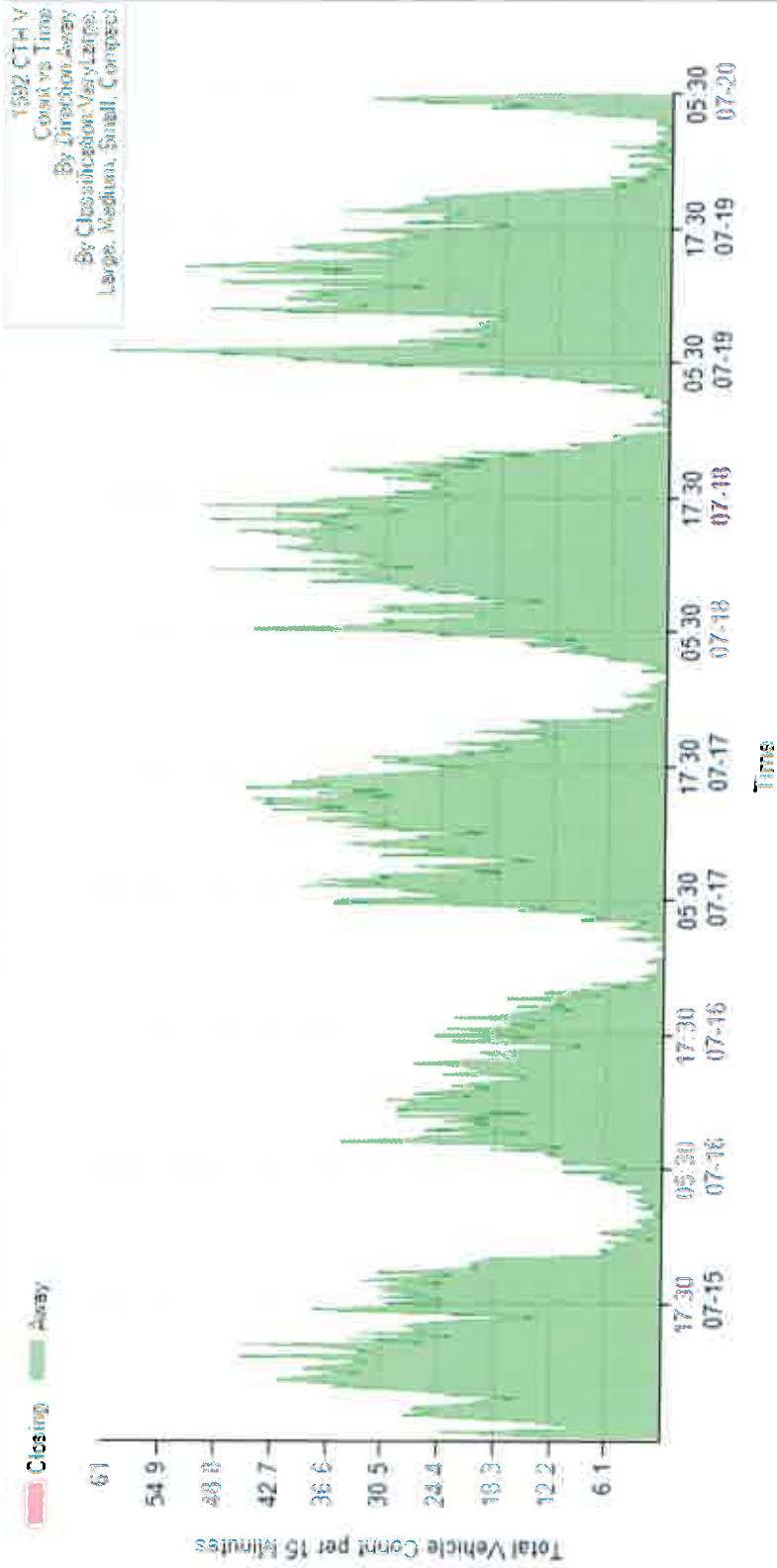
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Survey Name	1592 CTH V	Total Volume	9894	100%
Start Date	2017-07-15	Over Limit Count	2497	25.2%
Stop Date	2017-07-20	Under Limit Count	7397	74.8%
		Over Threshold Count	7397	0%
		In Pace Count	6076	61.4%
		Average Speed	51.51657 MPH	
		Max Speed	74 MPH	
		Min Speed	10 MPH	
		85th Percentile	57 MPH	
		10 MPH Pace	47 - 56 MPH	
		Miles/Hour	55	
		Speed Unit	Speed Limit	

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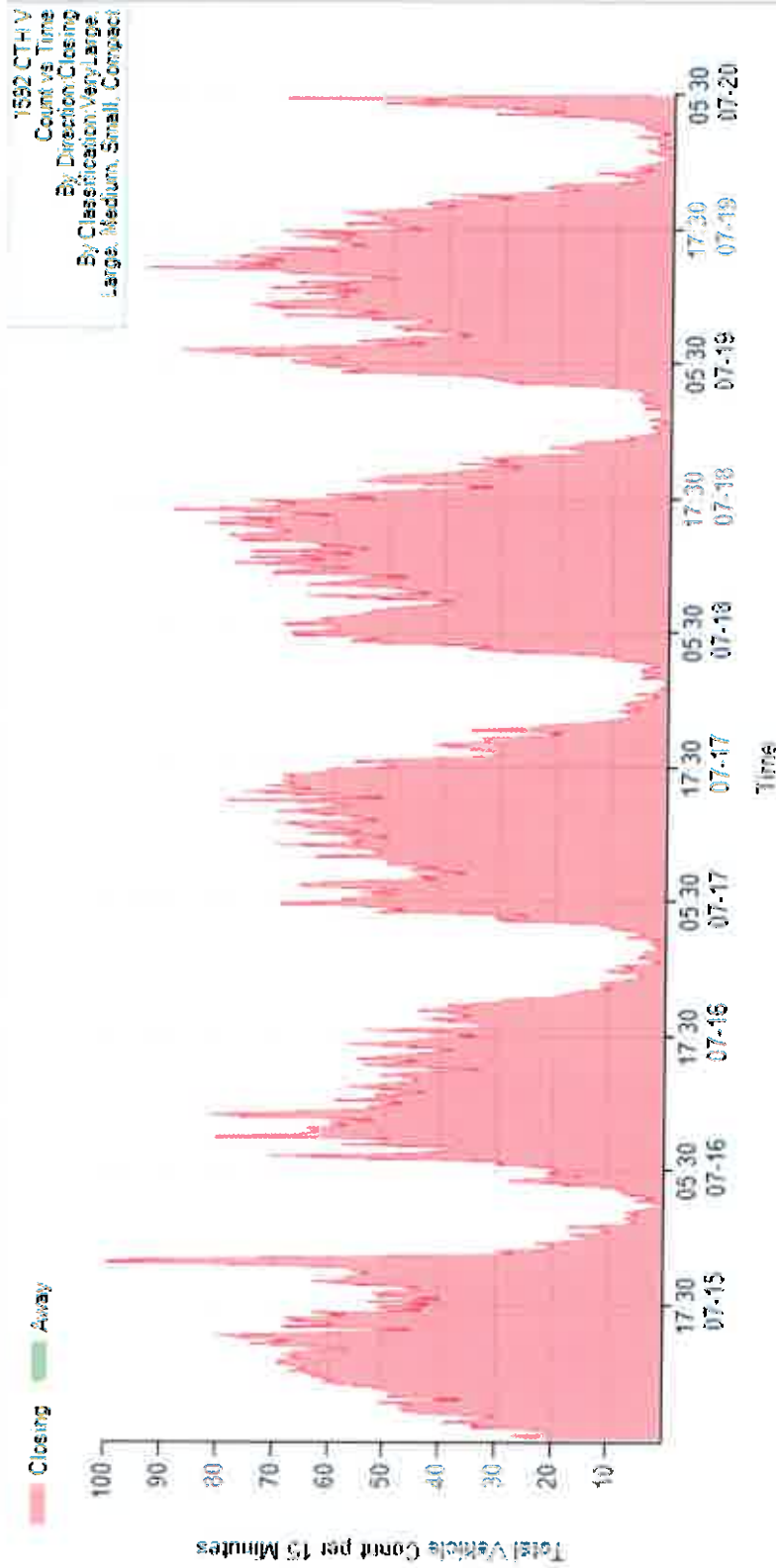
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Survey Name	1592 CTH V	Total Volume	9694	100%
Start Date	2017-07-15	Over Limit Count	2497	25.2%
Stop Date	2017-07-20	Under Limit Count	7397	74.8%
		Over Threshold Count	7397	0%
		In Pace Count	6076	61.4%
		Average Speed	51.51657 MPH	
		Max Speed	74 MPH	
		Min Speed	10 MPH	
		85th Percentile	57 MPH	
		10 MPH Pace	47 - 56 MPH	
		Miles/Hour	55	
		Speed Unit	Speed Limit	

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Survey Name	1592 CTHV	Average Speed	50.80631	MPH	Total Volume	19681	100%
Start Date	2017-07-15	Max Speed	96	MPH	Over Limit Count	3765	19.1%
Stop Date	2017-07-20	Min Speed	11	MPH	Under Limit Count	15916	80.9%
		85th Percentile	56	MPH	Over Threshold Count	15916	0%
		10 MPH Pace	46 - 55	MPH	In Pace Count	12202	62.0%
		Miles/Hour	55				
		Speed Unit	Speed Limit				

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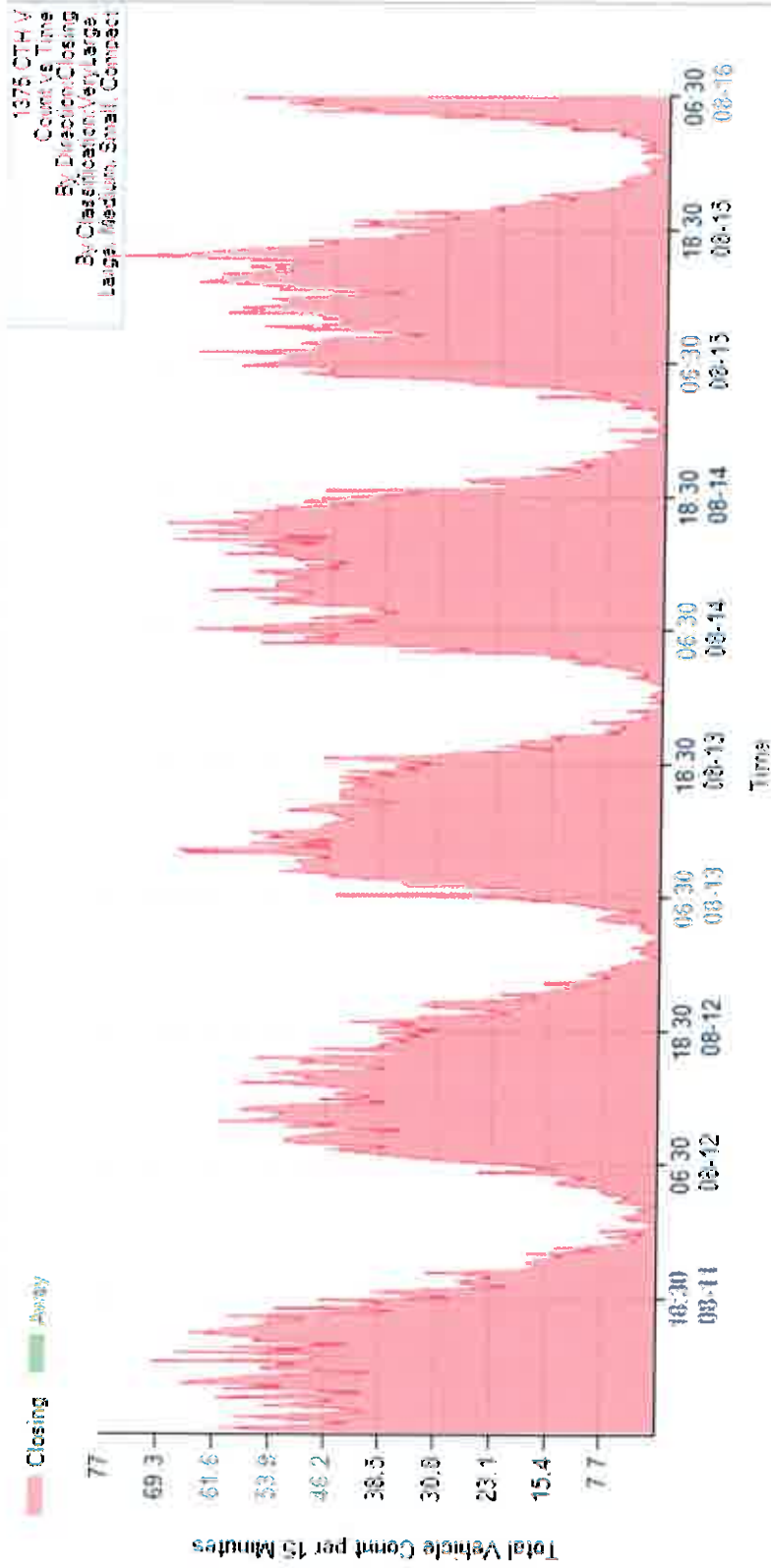
Radar | Lidar

Survey Name	1592.CTH V	Location	1592.CTH V Town of Grafton...	Speed Unit	Miles/Hour
Start	2017-07-09 03:45	Traffic Direction	Undefined	Speed Limit	55
Stop	2017-07-22 04:54	Zone		Min Speed	10
Operator	000	Min Following Time	0.0	Max Speed	120
Survey Direction	Both	Time Resolution	1	Speed Resolution	

Total Vehicle Count	52057	100%	Average Speed	49.9	MPH	In Pace Count	29082	55%
Under Limit Count	42553	82%	Minimum Speed	10	MPH	10 mph Pace	45.54	MPH
Over Limit Count	5084	10%	Maximum Speed	96	MPH	Standard Deviation	6	MPH
10 Over Limit Count	170	0%	85th Percentile Speed	56	MPH	Average Speed Over Limit	53.3	MPH

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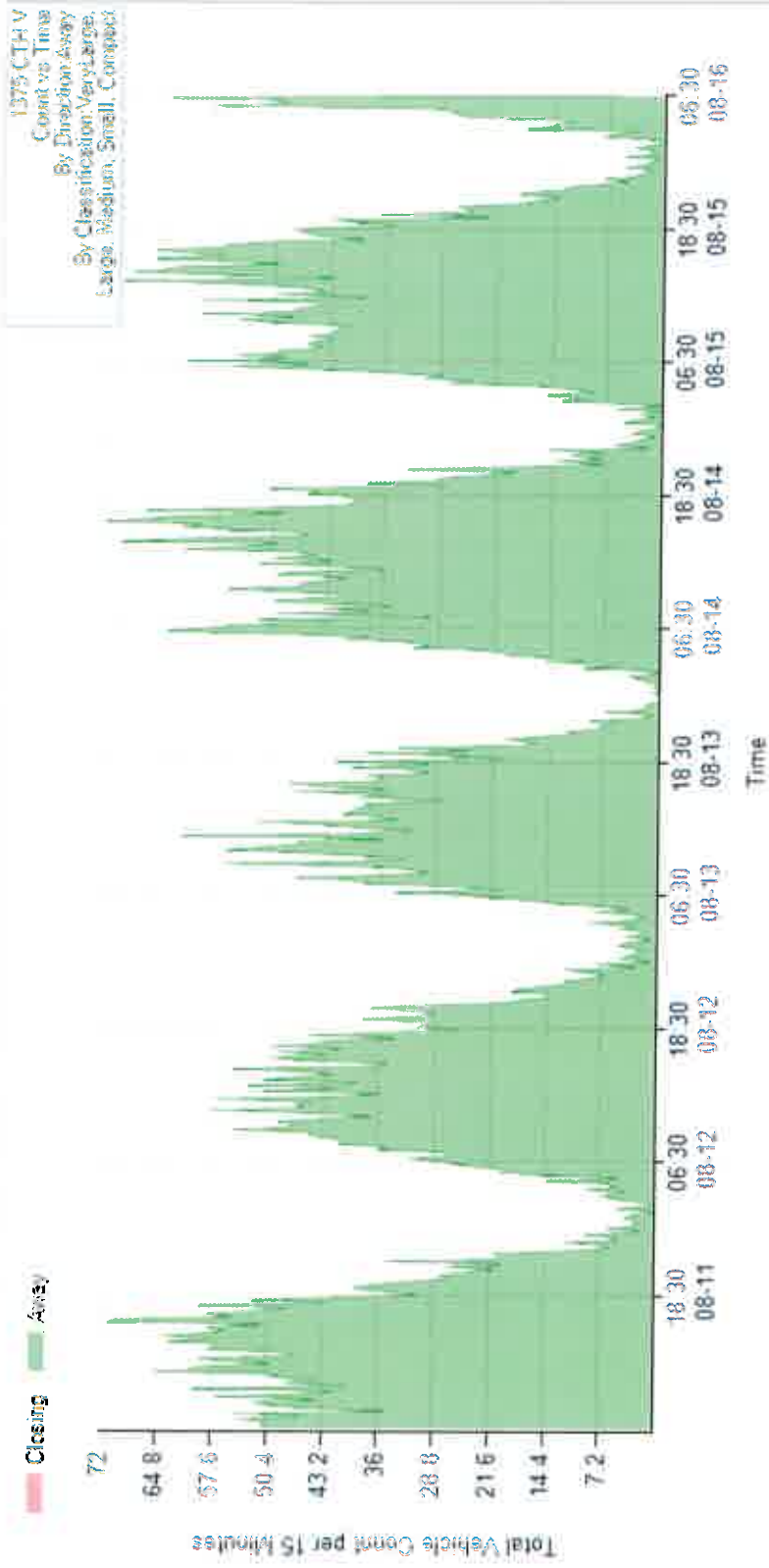
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Survey Name	1375 CTH V	Total Volume	15686	100%
Start Date	2017-08-11	Over Limit Count	4939	28.7%
Stop Date	2017-08-16	Under Limit Count	11167	71.3%
		Over Threshold Count	11167	0%
		In Pace Count	11595	72.0%
Average Speed	43.1945 MPH			
Max Speed	68 MPH			
Min Speed	16 MPH			
85th Percentile	47 MPH			
10 MPH Pace	55-49 MPH			
Speed Unit	Miles/Hour			
Speed Limit	45			

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Survey Name	1375 CTH V	Total Volume	15163	100%
Start Date	2017-08-11	Over Limit Count	12378	81.6%
Stop Date	2017-08-16	Under Limit Count	2785	18.4%
		Over Threshold Count	2785	9%
		In Pace Count	10556	72.3%
		Average Speed	49.08 MPH	
		Max Speed	74 MPH	
		Min Speed	15 MPH	
		85% Percentile	53 MPH	
		10 MPH Pace	46 - 54 MPH	
		Miss/Hour	45	
		Speed Unit	Speed Limit	

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Survey Name	1375 CTH V	Location	1375 CTH V Town Of Grafton...	Speed Unit	Miles/Hour
Start	2017-08-11 05:27	Traffic Direction	Undefined	Speed Limit	45
Stop	2017-08-18 03:37	Zone	School Zone	Min Speed	10
Operator	000	Min Following Time	0.0	Max Speed	120
Survey Direction	Both	Time Resolution	1	Speed Resolution	

Total Vehicle Count	43711	100%	Average Speed	46.1	MPH	In Pace Count	26344	60%
Under Limit Count	19764	45%	Minimum Speed	12	MPH	10 mph Pace	42 - 51	MPH
Over Limit Count	23947	55%	Maximum Speed	91	MPH	Standard Deviation	6	MPH
10 Over Limit Count	2217	5%	85th Percentile Speed	52	MPH	Average Speed Over Limit	50	MPH