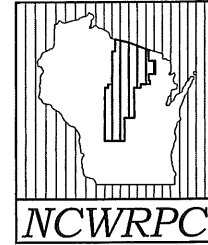


# NORTH CENTRAL WISCONSIN REGIONAL PLANNING COMMISSION

210 McClellan Street, Suite 210, Wausau, Wisconsin 54403  
Telephone: (715) 849-5510 Fax: (715) 849-5110  
Web Page: [www.ncwrpc.org](http://www.ncwrpc.org) Email: [staff@ncwrpc.org](mailto:staff@ncwrpc.org)



SERVING ADAMS, FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, ONEIDA, PORTAGE, VILAS AND WOOD COUNTIES

## MEMORANDUM

**TO:** Village of Brokaw  
**FROM:** Matthew Guptail, GISP  
**DATE:** October 1, 2012  
**RE:** Traffic Count Report

---

The Village of Brokaw requested traffic counting services from the North Central Wisconsin Regional Planning Commission for County Highway WW. The location selected within the village was at Everest Ave. See Table 1.

Count #	Count Location	Location Description	Counting Period
1	Everest Ave	In front of house #416	Tues - Mon 9/25 - 10/1

The attached reports summarize the data collected. There is a vehicle volume report, with average hourly vehicle counts by lane direction and totals for the counting period, a combined speed report with totals combined for both directions by speed group and time, and a combined classification report with totals combined for both directions by type of vehicle and time.

Traffic averages about 2,447 vehicles per day. The majority of vehicles counted were cars and pick-ups with about 8% larger trucks. Average speed over the counting period was about 31 mph with a few vehicles exceeding 50mph.

If you have any questions about this memo or the traffic count data, please feel free to contact me at 715-849-5510 ext 303 or [mguptail@ncwrpc.org](mailto:mguptail@ncwrpc.org). This data is also being provided to Marathon County. We appreciate this opportunity to be of service to the Village of Brokaw and look forward to assisting the Village again in the future. Thank you.

Location: Village of Brokaw  
 Road: Everest Ave  
 Report Type: Traffic Count

Site: VBrokaw2012A  
 Wednesday, 9/26/2012, 12:00:00 AM -  
 Monday, 10/1/2012, 12:00:00 AM

**Volume Grand Totals**

<b>Average Hourly Volumes</b>			
	Ebnd	Wbnd	Combined
12:00 AM	5.8	4.4	10.2
1:00 AM	7.2	2.6	9.8
2:00 AM	3.8	3.4	7.2
3:00 AM	1.8	4.6	6.4
4:00 AM	1.8	10.0	11.8
5:00 AM	10.0	30.8	40.8
6:00 AM	32.6	58.6	91.2
7:00 AM	53.0	94.6	147.6
8:00 AM	50.4	79.2	129.6
9:00 AM	61.6	74.0	135.6
10:00 AM	74.6	78.0	152.6
11:00 AM	74.6	78.6	153.2
12:00 PM	88.8	83.8	172.6
1:00 PM	94.4	79.4	173.8
2:00 PM	96.6	86.8	183.4
3:00 PM	120.6	85.6	206.2
4:00 PM	115.2	101.0	216.2
5:00 PM	98.4	78.2	176.6
6:00 PM	72.8	62.4	135.2
7:00 PM	57.2	49.0	106.2
8:00 PM	43.6	27.6	71.2
9:00 PM	30.8	20.4	51.2
10:00 PM	21.4	12.0	33.4
11:00 PM	17.2	7.4	24.6
ADT	1234.2	1212.4	2446.6

<b>Study Grand Totals</b>			
	Ebnd	Wbnd	Combined
	6171	6062	12233
	50.4 %	49.6 %	

Speed Grand Totals  
 Combined

mph	Hourly Averages												
	0 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	40 - <45	45 - <50	50 - <55	55 - <60	60 - <65	65 - <70	70 - <200
Total	10.2	0.0	0.8	5.6	2.8	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0
12:00 AM	9.8	0.0	0.6	3.8	4.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	7.2	0.0	0.6	2.2	3.4	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2:00 AM	6.4	0.0	1.2	2.8	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	11.8	0.0	1.2	3.2	5.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	40.8	0.0	3.2	17.0	16.4	3.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	91.2	0.2	5.0	36.8	39.2	8.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	147.6	0.0	7.8	54.8	59.8	20.6	2.8	0.2	0.4	0.0	0.2	0.2	0.2
7:00 AM	129.6	0.6	4.6	51.2	53.2	16.8	1.6	0.4	0.0	0.2	0.0	0.0	0.4
8:00 AM	135.6	0.2	7.8	51.4	57.0	17.0	1.2	0.0	0.0	0.2	0.2	0.0	0.0
9:00 AM	152.6	2.2	9.4	57.6	60.8	19.0	2.4	0.2	0.0	0.2	0.6	0.0	0.0
10:00 AM	153.2	1.0	11.6	55.0	63.0	18.6	2.4	0.2	0.0	0.4	0.6	0.0	0.0
11:00 AM	172.6	1.4	11.4	62.6	71.6	21.6	2.4	0.6	0.0	0.2	0.2	0.0	0.0
12:00 PM	173.8	0.4	12.0	66.0	72.2	19.2	2.4	0.0	0.2	0.0	0.4	0.0	0.0
1:00 PM	183.4	1.6	12.6	71.6	71.8	21.6	2.2	0.2	0.0	0.0	0.4	0.0	0.2
2:00 PM	206.2	1.8	9.0	72.2	89.2	29.8	3.6	0.4	0.0	0.0	0.0	0.0	0.0
3:00 PM	216.2	2.0	9.2	72.4	96.0	32.0	2.0	0.4	0.0	0.0	0.0	0.2	0.0
4:00 PM	176.6	1.6	7.6	52.2	80.8	29.8	2.8	0.8	0.2	0.2	0.2	0.0	0.0
5:00 PM	135.2	0.6	8.6	50.0	59.4	13.2	1.6	0.4	0.6	0.2	0.0	0.0	0.0
6:00 PM	106.2	0.2	12.8	47.2	37.4	7.4	0.8	0.0	0.2	0.0	0.0	0.0	0.0
7:00 PM	71.2	0.4	4.4	33.4	26.2	5.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	51.2	0.4	4.6	22.2	18.0	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	33.4	0.0	3.2	10.8	14.8	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	24.6	0.0	2.6	11.4	8.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	24.6	0.0	2.6	11.4	8.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	2446.6	12.6	13.6	151.8	913.4	1012.6	299.6	31.8	4.2	1.2	2.0	2.4	0.8

**Percentile Speeds**  
 (mph) 10% 15% 50% 85% 90%  
 25.7 26.6 30.4 34.6 35.9

**10 mph Pace Speed**  
 Number in Pace 25.9 - 35.9 85% 90%  
 9859 (80.6%) Average Minimum Maximum  
 30.6 mph 5.2 mph 99.3 mph

**Speeds Exceeded**  
 45 mph 55 mph 65 mph  
 0.5% 0.2% 0.1%  
 Count 56 29 7

mph	Study Grand Totals												
	0 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	40 - <45	45 - <50	50 - <55	55 - <60	60 - <65	65 - <70	70 - <200
Total	6171	45	426	2206	2577	774	82	10	4	8	8	3	2
Ebnd	0.4%	0.7%	6.9%	35.7%	41.8%	12.5%	1.3%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%
Wbnd	37	23	333	2361	2486	724	77	11	2	2	4	0	2
Combined	12233	68	759	4567	5063	1498	159	21	6	10	12	3	4
	0.5%	0.6%	6.2%	37.3%	41.4%	12.2%	1.3%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%

Classification Grand Totals  
 Combined

Hourly Averages

	Total	Bike	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	10.2	0.2	6.6	2.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	9.8	0.8	5.6	1.6	0.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	7.2	0.4	3.6	2.0	0.0	0.8	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
3:00 AM	6.4	0.2	3.8	1.6	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	11.8	0.0	7.4	2.2	0.0	4.4	1.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0
5:00 AM	40.8	0.0	21.8	14.0	1.8	2.2	0.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0
6:00 AM	91.2	1.4	55.4	22.2	2.2	6.8	0.6	0.0	0.2	2.0	0.0	0.4	0.0	0.0
7:00 AM	147.6	0.8	96.8	36.6	0.8	8.2	1.0	0.4	2.4	0.6	0.0	0.0	0.0	0.0
8:00 AM	129.6	0.2	77.2	39.0	2.4	4.8	1.4	0.2	2.2	2.2	0.0	0.0	0.0	0.0
9:00 AM	135.6	0.8	80.0	37.2	1.2	8.4	3.2	1.4	1.2	1.8	0.0	0.4	0.0	0.0
10:00 AM	152.6	3.8	86.6	40.8	2.2	10.6	3.2	2.4	2.4	2.0	0.2	0.0	0.0	0.0
11:00 AM	153.2	3.4	86.8	46.6	2.8	6.0	2.4	1.2	2.0	1.6	0.0	0.4	0.0	0.0
12:00 PM	172.6	4.4	109.8	42.2	1.8	7.4	2.4	0.2	2.6	1.6	0.0	0.2	0.0	0.0
1:00 PM	173.8	4.2	107.4	45.0	2.4	7.6	1.0	0.8	2.4	2.6	0.0	0.4	0.0	0.0
2:00 PM	183.4	7.0	112.8	42.0	3.0	9.2	1.8	1.4	2.2	4.0	0.0	0.0	0.0	0.0
3:00 PM	206.2	8.4	128.4	50.4	1.6	7.8	3.2	0.8	2.8	2.6	0.2	0.0	0.0	0.0
4:00 PM	216.2	6.6	137.6	51.4	5.0	8.2	2.6	0.8	1.4	2.6	0.0	0.0	0.0	0.0
5:00 PM	176.6	4.8	113.6	40.6	2.8	10.4	1.0	0.6	1.4	1.4	0.0	0.0	0.0	0.0
6:00 PM	135.2	4.2	85.2	31.8	0.8	7.4	2.0	0.6	1.8	1.2	0.0	0.2	0.0	0.0
7:00 PM	106.2	1.2	69.2	27.4	0.8	4.2	0.8	0.0	2.0	0.6	0.0	0.0	0.0	0.0
8:00 PM	71.2	1.4	47.6	15.8	0.4	5.2	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0
9:00 PM	51.2	0.6	36.0	12.4	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	33.4	0.2	23.4	9.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	24.6	0.2	18.0	5.4	0.0	0.6	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
ADT	2446.6	55.2	1520.6	620.0	32.4	121.6	29.2	9.2	28.2	27.8	0.4	2.0	0.0	0.0

Study Grand Totals

	Total	Bike	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
Ebnd	6171	142	3774	1629	91	306	62	17	73	72	2	3	0	0
Wbnd	6062	134	3829	1471	71	302	84	29	68	67	0	7	0	0
Combined	12233	276	7603	3100	162	608	146	46	141	139	2	10	0	0
		2.3%	62.2%	25.3%	1.3%	5.0%	1.2%	0.4%	1.2%	1.1%	0.0%	0.1%	0.0%	0.0%