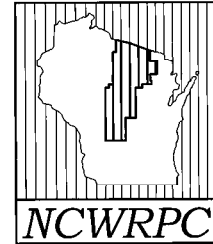


# NORTH CENTRAL WISCONSIN REGIONAL PLANNING COMMISSION

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

## MEMORANDUM

**TO:** Larry Hendrickson, Chair - Town of Cassian  
**CC:** Mary Thompson, Clerk - Town of Cassian  
**FROM:** Darryl L. Landeau, AICP  
**DATE:** August 6, 2010  
**RE:** Traffic Count Report

The Town of Cassian requested traffic counting services from the North Central Wisconsin Regional Planning Commission for two locations within the Town. These locations are described in Table 1.

Count #	Count Location	Location Description	Counting Period
1	Rocky Run Rd	just south of CTH Y	Wed-Tues 7/7 - 7/13
2	Timber Lake Rd	west of Sheep Ranch Rd	Wed-Tues 7/14 - 7/20

The Town requested general information with regard to traffic volumes on these roads. The attached reports summarize the data from these sites. For each location, 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.

On Rocky Run Road, traffic averages about 62 vehicles per day. The majority of vehicles counted were cars and pick-ups, however there was a significant number of larger trucks as well. Average speed over the counting period was about 28 mph with a maximum speed of over 95 mph being recorded.

On Timber Lake Road, traffic averages about 44 vehicles per day. The majority of vehicles counted were cars and pick-ups with about 6.5% 2-axle/6 tire trucks and a small percentage of larger trucks. Average speed over the counting period was about 30 mph with a maximum speed of about 63 mph being recorded.

Please note that the road surface at both locations was gravel. The margin of error in data for traffic counting on gravel surfaces is slightly higher on asphalt surfaces.

If you have any questions about this memo or the traffic count data, please feel free to contact me at 715-849-5510 ext 308 or [dlandeau@ncwrpc.org](mailto:dlandeau@ncwrpc.org). More detailed information may be available should you need it. We appreciate this opportunity to be of service to the Town of Cassian and look forward to assisting the Town again in the future. Thank you.

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# North Central Wisconsin Regional Planning Commission

Location: : Town of Cassian  
 Road: : Rocky Run Rd  
 Report Type : Traffic Count

Site: Cass\_2010A  
 Wednesday, 7/7/2010, 12:00:00 AM -  
 Tuesday, 7/13/2010, 12:00:00 AM

## Volume Grand Totals

### Average Hourly Volumes

	NBnd	SBnd	Combined
12:00 AM	0.5	0.0	0.5
1:00 AM	0.0	0.2	0.2
2:00 AM	0.0	0.2	0.2
3:00 AM	0.0	0.2	0.2
4:00 AM	0.0	0.2	0.2
5:00 AM	0.0	0.7	0.7
6:00 AM	0.7	0.3	1.0
7:00 AM	2.2	1.3	3.5
8:00 AM	1.0	1.7	2.7
9:00 AM	2.0	2.0	4.0
10:00 AM	1.8	2.3	4.2
11:00 AM	3.2	2.2	5.3
12:00 PM	3.2	2.5	5.7
1:00 PM	2.3	1.3	3.7
2:00 PM	1.5	3.3	4.8
3:00 PM	2.3	1.8	4.2
4:00 PM	2.2	1.5	3.7
5:00 PM	1.0	2.5	3.5
6:00 PM	1.5	1.3	2.8
7:00 PM	2.8	1.2	4.0
8:00 PM	1.5	0.8	2.3
9:00 PM	1.5	0.7	2.2
10:00 PM	1.0	0.3	1.3
11:00 PM	0.5	0.7	1.2
ADT	32.7	29.2	61.8

### Study Grand Totals

NBnd	SBnd	Combined
196	175	371
52.8 %	47.2 %	





# North Central Wisconsin Regional Planning Commission

Location: : Town of Cassian  
 Road: : Timber Lake Rd  
 Report Type : Traffic Count

Site: Cass\_2010B  
 Wednesday, 7/14/2010, 12:00:00 AM -  
 Tuesday, 7/20/2010, 12:00:00 AM

## Volume Grand Totals

### Average Hourly Volumes

	WBnd	EBnd	Combined
12:00 AM	0.2	0.0	0.2
1:00 AM	0.2	0.2	0.3
2:00 AM	0.0	0.0	0.0
3:00 AM	0.7	0.0	0.7
4:00 AM	0.0	0.0	0.0
5:00 AM	0.0	0.0	0.0
6:00 AM	0.2	1.0	1.2
7:00 AM	1.0	2.7	3.7
8:00 AM	1.7	1.0	2.7
9:00 AM	1.2	2.3	3.5
10:00 AM	1.5	0.8	2.3
11:00 AM	1.2	1.5	2.7
12:00 PM	2.0	2.5	4.5
1:00 PM	2.0	1.3	3.3
2:00 PM	0.7	1.3	2.0
3:00 PM	1.0	0.5	1.5
4:00 PM	2.0	0.7	2.7
5:00 PM	1.3	1.7	3.0
6:00 PM	1.8	0.3	2.2
7:00 PM	1.7	2.3	4.0
8:00 PM	1.0	0.7	1.7
9:00 PM	0.0	1.0	1.0
10:00 PM	0.2	0.3	0.5
11:00 PM	0.2	0.0	0.2
ADT	21.5	22.2	43.7

### Study Grand Totals

WBnd	EBnd	Combined
129	133	262
49.2 %	50.8 %	



# North Central Wisconsin Regional Planning Commission

Location: : Town of Cassian  
 Road: : Timber Lake Rd  
 Report Type: : Traffic Count

Site: Cass\_2010B  
 Wednesday, 7/14/2010, 12:00:00 AM -  
 Tuesday, 7/20/2010, 12:00:00 AM

## 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	43.7	1.3	2.2	8.2	11.2	10.5	5.3	2.7	1.5	0.2	0.0	0.0	0.0
12:00 AM	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.7	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0
4:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	1.2	0.0	0.0	0.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	3.7	0.0	0.2	1.5	1.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
8:00 AM	2.7	0.0	0.0	0.3	0.7	0.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0
9:00 AM	3.5	0.0	0.2	1.0	1.3	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0
10:00 AM	2.3	0.2	0.3	0.5	0.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	2.7	0.0	0.2	0.7	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	4.5	0.2	0.0	0.3	1.0	1.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0
1:00 PM	3.3	0.5	0.0	0.7	0.7	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	2.0	0.2	0.0	0.8	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	1.5	0.2	0.5	0.3	0.0	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0
4:00 PM	2.7	0.2	0.0	0.3	0.0	0.3	0.0	0.2	0.2	0.0	0.0	0.0	0.0
5:00 PM	3.0	0.0	0.0	0.2	0.8	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
6:00 PM	2.2	0.2	0.2	0.7	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	4.0	0.0	0.2	0.5	1.5	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	1.7	0.0	0.3	0.0	0.8	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0
9:00 PM	1.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	0.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	43.7	1.3	2.2	8.2	11.2	10.5	5.3	2.7	1.5	0.2	0.0	0.0	0.0

**Percentile Speeds**  
 (mph)      10%    15%    50%    85%    90%  
                  21.0   22.1   29.5   37.7   40.3

**10 mph Pace Speed**  
 Number in pace      25.9 - 35.9  
                                  137 (52.3%)

**Speeds Exceeded**  
 Count      45 mph    55 mph    65 mph  
                  5.3%    0.8%    0.0%  
                  14       2       0

**Average Minimum Maximum**  
 30.0 mph  
 5.9 mph  
 63.4 mph

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	129	4	7	23	32	29	17	4	2	0	1	0	0
WBnd	3.1%	5.4%	17.8%	24.8%	22.5%	13.2%	7.8%	3.1%	1.6%	0.0%	0.8%	0.0%	0.0%
EBnd	3.1%	6.6%	19.5%	26.3%	25.6%	11.3%	4.5%	3.8%	0.8%	0.0%	0.0%	0.0%	0.0%
Combined	3.1%	8.8%	18.7%	25.6%	24.0%	12.2%	6.1%	3.4%	1.1%	0.4%	0.0%	0.0%	0.0%