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.

TABLE 1	l: Town of Cassian,	Oneida County Traffic Counts, 2010 by N	CWRPC
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. More detailed information my 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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PROVIDING ECONOMIC DEVELOPMENT, GEOGRAPHIC INFORMATION SYSTEMS, INTERGOVERNMENTAL COORDINATION, LAND USE PLANNING AND TRANSPORTATION ASSISTANCE FOR OVER 25 YEARS.

ation: : Town c d: : Rocky ort Type : Traffic				Site: Wednesday, 7/7/2010, Tuesday, 7/13/201	
· · · · · · · · · · · · · · · · · · ·		Vo	olume Grand Totals	140044,7,7,10,201	
		Δver	age 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		

	S	tudy Grand Totals
 NBnd	SBnd	Combined
196	175	371
52.8 %	47.2 %	

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

Classification Grand Totals Combined

Site: Cass_2010A Wednesday, 7/7/2010, 12:00:00 AM -Tuesday, 7/13/2010, 12:00:00 AM Site:

	>b Axle Multi						5'0		50	0.0	0.0	0.0	0.0		<u>.</u>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		>6 Axle	Multi	0	0.0%	0	0.0%	0	0.0%
	o Axie Multi	0.0	0.0	0.0				0.0		0.0			0.00	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 Axle	Multi	0	0.0%	0	0.0%	0	0.0%
0 V 9 V	A d A d A	0.0	0.0	0.0	0.0	0.0			5.0						5.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		<6 Axle	Multi	0	0.0%	0	0.0%	0	0.0%
>6 ∆√la	Double	0.0	0.0	0.0	0.0	0.0	0.0		0.0						0.0		5.0		5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		>6 Axle	Double	0	0.0%	0	0.0%	0	0.0%
5 Axle	Double	0.0	0.0	0.0	0.0	0.0			200 0 0		0.0 0	270 0	2 C	50	α	0.0		7.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	U	5 Axle	Double	8	4.1%	11	6.3%	19	5.1%
/ Averages <5 Axle	Double	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0 Y U	0.0	2.0	0.0	0.0		0.0			0.0		2.0	0.2	0.0	0.0	0.0	0.0	2.0	Study Grand Totals	<5 Axle	Double	m	1.5%	б	5.1%	12	3.2%
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3 Axle	Single	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0					0.0	0.0	0.0	0.0	0.0	0.5		3 Axle	Single	1.0	0.5% 0	7	1.1%	υ. 	0.8%
2 Axle	6 Tire	0.0	0.0	0.0	0,0	0.0	0.0	0.2	0.7	0.3	0.2	1.2	1.5	1.0	0.2	0.3	0.2	0.7	1.0		c 0	2.2	5.0	0.0	0.2	0.2	8.2		2 Axle	6 Tire	27	13.8% 22	77	12.6%	י 1 1 1 1 1 1	L3.2%
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2 Axle	Long	0.0	0.0	0.0	0.2	0.0	0.0	0.2	1.5	0.5	1.8	1.2	1.5	2.0	1.2	1.5	2.0	1.3	2.0	1.2	13	0.0 	0.00	ο - -	0.5	0.2	20.7		2 Axle	rong	70/ 25 70/	0/, / . C C		30.9% 174	17T	0/1.00
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	Bike	0.0		5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	00	0.00	0.0	0.0	0.0	7.7		0110	DIKG	2 60/2			0, U.U	1 90%	2
	Total	0.0	2.0	2.0	7.0	0.2	0./	1.0	3.5	2.7	4.0	4.2	5.3	5.7	3,7	4.8	4.2	3.7	3.5	2.8	4.0	2.3	<u> </u>		C.T	7.1	Q'T0		Total	100	DAT	175	C .	371	1	
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Site: Wednesday, 7/7/2010, 12:00:00 AM - Tuesday, 7/13/2010, 12:00:00 AM			
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	$\begin{array}{c} & 30 \\ & 33 \\ & 35 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.2 \\ & 0.3 \\ & $	90% 33.9 Average Minimum Maximum 3% 5	30 - 35 < 35 52 52 26.5% 16.0% 16.0% 228 16.0% 228 21.6% 228 228 228 228 228 228 228 228 228 22
	$\begin{array}{c} 25 \\ 25 \\ 30 \\ 0.3 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.2 \\ 0.3 \\ 0.$	85% 32.7 Aver Mini Maxi 1.3 % 1.3 %	25 - < 30 75 38.3% 37.7% 141 38.0%
	20 - 25 < 25 < 25 < 25 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	<u>50%</u> 27.3 31.1 %) 1.3 % 1.3 % 55 mph 1.3 %	20 - < 25 19.4% 56 32.0% 25.3%
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Town of Cassian Rocky Run Rd Traffic Count	A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21.0% 21.0 45.1 1.1	0 - < 15 3.6% 3.6% 2.2% 2.2%
: Town : Rocky : Traffic	Total 10:5 0.5 0.2 0.3 0.3 0.4 0.3 0.3 0.3 0.3 0.4 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 <	Speed 6 eded	Total 196 175 371
Location: Road: Report Type:	трh 1200 АМ 1200 АМ 2200 АМ 5200 АМ 6200 АМ 11000 АМ 11200 АМ 1200 РМ 1200 РМ 5200 РМ 5200 РМ 5200 РМ 6200 РМ 11200 РМ 11200 РМ 11200 РМ 5200 РМ 500 РМ	Percentile Speeds (mph) 10 mph Pace Speed Number in pace Speeds Exceeded Count	mph NBnd SBnd Combined

	of Cassian r Lake Rd			Site: Cass_2010B Wednesday, 7/14/2010, 12:00:00 AM -
		V	olume Grand Totals	Tuesday, 7/20/2010, 12:00:00 AM
		A		
	MDrad		rage Hourly Volumes	
12:00 4 M	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		
5.00 FM	1 O	1./	3.0	

2.2 4.0

1.7

1.0

0.5 0.2

43.7

	Study Grand Totals	
WBnd	EBnd Combined	

0.3 2.3

0.7

1.0

0.3 0.0

22.2

129	133	262
49.2 %	50.8 %	

1.8

1.7

1.0

0.0

0.2 0.2

21.5

7:00 PM

6:00 PM

8:00 PM

9:00 PM

10:00 PM 11:00 PM ADT

North Central Wisconsin Regional Planning Commission : Town of Cassian : Timber Lake Rd : Traffic Count Location: Road: Report Type:

Classification Grand Totals Combined

Site: Cass_2010B Wednesday, 7/14/2010, 12:00:00 AM -Tuesday, 7/20/2010, 12:00:00 AM

>6 Axle	Multi	0.0	0.0	0.0	0.0	0.0	0.0												5.0	0.0			0.0	0.0	0.0	0.0		>6 Axle	Multi	0	0.0%	0	%0 . 0	0.0%
6 Axle	Multi	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	0.0	0.0		0.0	0.0	0.0	0.0		6 Axle	Multi	0	0.0%	0	0.0%	0.0%
<6 Axle	Multi	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	0.0	0.0			0.0		5.0		0.0	0.0	0.0	0.0		<6 Axle	Multi	0	0.0%	0.00	%0.0 0	0.0%
>6 Axle	Double	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	0.0	0.0										0.0		>6 Axle	Double	0	0.0%	0,00,0	%n.n	0.0%
5 Axle	Double	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	0.0	0.0	0.0						0.0	0.0		0.0	<u>.</u>	5 Axle	Double	0	0.0%	o à	%^^^	0.0%
Hourly Averages Axle <5 Axle	Double	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0	Study Grand Totalo	<5 Axle	Double	0	%0.0 V		% 	0.0%
Hourl 4 Axle	Single	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	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	Chudu G	4 Axle	Single	0.00	%n.n	0 007 0		0.0%
3 Axle	Single	0.0	0.0		0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.3		3 Axle	Single	1 20 0	0.8%	70 8 0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0.8%
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Ċ	puses					0.0	0.0	0.0	0.5	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	0.0	0.0	0.0	0.5		1	Buses	1 602	1.070	- 0.8%	i N	1.1%
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			0.0			500		0.2	0.0	0.0	0.2	0.2	0.0	0.0	2.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0:0	1.3			bike	3 1% 4 1%	5 4	3.0%	8	3.1%
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	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5-00 AM	6-00 AM			S:UU AM	9.00 AM	11.00 AM		1.00 DM		2.00 PM		4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	AUI			MEnd		EBnd		Combined	

	Site: Wednesday, 7/14/2010, 12:00:00 AM - Tuesday, 7/20/2010, 12:00:00 AM		
	Site: Wednesc Tue	70 - 200 - 200 - 0.0 - 0	70 - 70 - 200 < 200 0.0% 0.0% 0.0%
sion		70 × 70 × 70 × 70 × 70 × 70 × 70 × 70 ×	65 - < 70 < 0.0% 0 0 0.0% 0 0 0.0% 0 0 0 0.0% 0 0 0 0
mmis		60 00 00 00 00 00 00 00 00 00	60 - < 65 - < 65 - 0.8% C 0.0% C 0.0% C 0.0% C 0
North Central Wisconsin Regional Planning Commission		Λ Π Ν	55
Plann		[∧] 53 [→]	50 - 55 - <55 - 55 - 1.6% - 1.6% - 1.1% - 0.8% - 1.1\% - 1.1\% - 1.
lional	nd Totals ined	역 Parages 45 - 450 - 450 - 455 - 450 - 455 -	
in Reg	Speed Grand Totals Combined	Hourly Averages 40 - $45 - 45 - 45 - 45 - 45 - 45 - 650 - 0.$	Study Grand Totals 40 - 45 - 41 - 45 - <45 <50 10 4 7.8% 3.1% 6.1% 3.8% 6.1% 3.4%
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ral Wi		30 - 35 - 35 - 35 - 35 - 35 - 000 000 000 000 000 000 000 000 000	30 - 35 < 35 < 29 22.5%] 22.5%] 22.6%] 22.6%] 22.6%] 24.0%]
l Cent		25 - 25 - 25 - 25 - 25 - 200 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	25 - 25 - 230 24.8% 32 26.3% 25.6% 25.6%
North		20 - 20 - 20 - 20 - 20 - 20 - 20 - 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	20 - 25 < 25 < 25 23 17.8% 24 19.5% 118.7% 118.7% 118.7% 118.7% 118.7% 118.7% 118.7% 118.7%
		$\frac{15}{15}$	15 - < 20 5.4% 6 4.5% 5.0%
	Town of Cassian Timber Lake Rd Traffic Count	0 - 15 - 16 - 10 - 10 - 10 - 15 <	0 - < 15 3.1% 3.0% 3.1% 3.1%
	: Town (: Timber	Total 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total 129 133 262
	Location: Road: Report Type:	mph Total 12:00 AM 0.2 12:00 AM 0.3 2:00 AM 2.7 2:00 PM 1.7 2:00 PM 1.7 2:00 PM 2.7 2:00 PM<	mph WBnd EBnd Combined