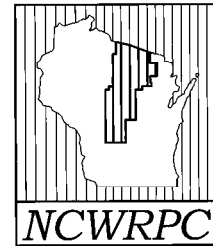


# NORTH CENTRAL WISCONSIN REGIONAL PLANNING COMMISSION

210 McClellan Street, Suite 210, Wausau, Wisconsin 54403  
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SERVING ADAMS, FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, ONEIDA, PORTAGE, VILAS AND WOOD COUNTIES

## MEMORANDUM

**TO:** Mike Zant, Director of Public Works - Village of Friendship  
**CC:** Kathleen Pierce, Clerk and John Jones, Village President  
**FROM:** Darryl L. Landeau, AICP  
**DATE:** October 20, 2010  
**RE:** Traffic Count Report

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

Count #	Count Location	Location Description	Counting Period
1	Moundview Dr	0.1 mi west of Highway 13	Thurs-Mon 10/7 - 10/11
2	Park St	south of Villa Pines facility	Tues-Mon 10/12 - 10/18

The Village requested general information with regard to traffic volumes on these roads. The attached reports summarize the data from these sites. For each location, there are two vehicle volume reports (#1 with average hourly vehicle counts by lane direction and totals for the counting period and #2 with daily volumes and peaks), a combined classification report with totals combined for both directions by type of vehicle and time, and a combined speed report with totals combined for both directions by speed group and time.

On Moundview Drive just west of Highway 13, traffic averages about 914 vehicles per day. Traffic ranges from 782 on Sunday to 1,038 on Friday with peak hour at 4pm Friday with 99 vehicles. The majority of vehicles counted were cars and pick-ups with about 3.5% 2-axle/6 tire trucks and a small percentage of larger trucks. Average speed over the counting period was about 34 mph with a maximum speed of over 66 mph being recorded.

On Park Street just south of the Villa Pines property, traffic averages about 746 vehicles per day. Traffic ranges from 633 on Sunday to 819 on Friday with peak hour at 11am Sunday with 95 vehicles. The majority of vehicles counted were cars and pick-ups with about 2 % 2-axle/6 tire trucks and a small percentage of larger trucks. Average speed over the counting period was about 29 mph with a maximum speed of over 60 mph being recorded.

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 classification and speed reports are available should you need them. We appreciate this opportunity to be of service to the Village of Friendship and look forward to assisting the Village again in the future. Thank you.

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# North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Moundview Dr  
 Report Type : Traffic Count

Site: VFriend2010A  
 Thursday, 10/7/2010, 12:00:00 AM -  
 Monday, 10/11/2010, 12:00:00 AM

## Volume Grand Totals

### Average Hourly Volumes

	EBnd	WBnd	Combined
12:00 AM	9.2	5.8	15.0
1:00 AM	6.2	4.2	10.5
2:00 AM	5.2	2.2	7.5
3:00 AM	1.8	1.0	2.8
4:00 AM	3.2	0.5	3.8
5:00 AM	5.0	0.8	5.8
6:00 AM	9.5	2.0	11.5
7:00 AM	26.5	5.8	32.2
8:00 AM	27.2	12.5	39.8
9:00 AM	26.0	18.2	44.2
10:00 AM	25.8	22.0	47.8
11:00 AM	30.5	25.0	55.5
12:00 PM	34.5	31.8	66.2
1:00 PM	37.8	29.0	66.8
2:00 PM	25.8	30.0	55.8
3:00 PM	34.2	37.8	72.0
4:00 PM	32.8	34.2	67.0
5:00 PM	29.2	39.5	68.8
6:00 PM	33.2	30.8	64.0
7:00 PM	19.2	30.0	49.2
8:00 PM	14.8	20.0	34.8
9:00 PM	11.8	22.2	34.0
10:00 PM	11.8	20.5	32.2
11:00 PM	13.0	14.2	27.2
ADT	474.2	440.0	914.2

### Study Grand Totals

EBnd	WBnd	Combined
1897	1760	3657
51.9 %	48.1 %	

# North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Moundview Dr  
 Report Type: : Traffic Count

Site: VFriend2010A  
 Date: 10/7/2010  
 Thursday

## Daily Volume (2 channels/pg., 60 min.)

Interval Begin	EBnd	WBnd	Combined
12:00 AM	0	0	0
1:00 AM	1	3	4
2:00 AM	3	1	4
3:00 AM	1	0	1
4:00 AM	4	0	4
5:00 AM	6	1	7
6:00 AM	14	2	16
7:00 AM	38	5	43
8:00 AM	30	15	45
9:00 AM	29	11	40
10:00 AM	17	24	41
11:00 AM	29	21	50
12:00 PM	24	36	60
1:00 PM	35	35	70
2:00 PM	25	21	46
3:00 PM	34	48	82
4:00 PM	35	30	65
5:00 PM	29	51	80
6:00 PM	34	39	73
7:00 PM	19	26	45
8:00 PM	17	17	34
9:00 PM	10	16	26
10:00 PM	4	13	17
11:00 PM	4	7	11

Totals	442 51.2 %	422 48.8 %	864
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**Peak Hours**

AM	7:00 AM	10:00 AM	11:00 AM
Volume	38	24	50
PM	1:00 PM	5:00 PM	3:00 PM
Volume	35	51	82

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Moundview Dr  
 Report Type: : Traffic Count

Site: VFriend2010A  
 Date: 10/8/2010  
 Friday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	EBnd	WBnd	Combined
12:00 AM	4	2	6
1:00 AM	0	0	0
2:00 AM	2	1	3
3:00 AM	1	0	1
4:00 AM	5	0	5
5:00 AM	4	2	6
6:00 AM	10	4	14
7:00 AM	43	11	54
8:00 AM	29	12	41
9:00 AM	26	13	39
10:00 AM	20	22	42
11:00 AM	26	21	47
12:00 PM	38	38	76
1:00 PM	48	25	73
2:00 PM	24	42	66
3:00 PM	28	44	72
4:00 PM	43	56	99
5:00 PM	38	51	89
6:00 PM	49	33	82
7:00 PM	21	37	58
8:00 PM	16	20	36
9:00 PM	20	29	49
10:00 PM	15	25	40
11:00 PM	13	27	40

Totals	523 50.4 %	515 49.6 %	1038
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**Peak Hours**

AM	7:00 AM	10:00 AM	7:00 AM
Volume	43	22	54
PM	6:00 PM	4:00 PM	4:00 PM
Volume	49	56	99

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Moundview Dr  
 Report Type: : Traffic Count

Site: VFriend2010A  
 Date: 10/9/2010  
 Saturday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	EBnd	WBnd	Combined
12:00 AM	17	7	24
1:00 AM	4	7	11
2:00 AM	6	2	8
3:00 AM	2	2	4
4:00 AM	3	0	3
5:00 AM	5	0	5
6:00 AM	8	0	8
7:00 AM	12	2	14
8:00 AM	26	11	37
9:00 AM	30	30	60
10:00 AM	36	22	58
11:00 AM	37	23	60
12:00 PM	43	28	71
1:00 PM	28	29	57
2:00 PM	28	32	60
3:00 PM	36	31	67
4:00 PM	27	32	59
5:00 PM	23	24	47
6:00 PM	29	33	62
7:00 PM	23	32	55
8:00 PM	21	35	56
9:00 PM	15	32	47
10:00 PM	21	31	52
11:00 PM	29	19	48

Totals	509 52.3 %	464 47.7 %	973
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#### **Peak Hours**

AM	11:00 AM	9:00 AM	9:00 AM
Volume	37	30	60
PM	12:00 PM	8:00 PM	12:00 PM
Volume	43	35	71

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Moundview Dr  
 Report Type: : Traffic Count

Site: VFriend2010A  
 Date: 10/10/2010  
 Sunday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	EBnd	WBnd	Combined
12:00 AM	16	14	30
1:00 AM	20	7	27
2:00 AM	10	5	15
3:00 AM	3	2	5
4:00 AM	1	2	3
5:00 AM	5	0	5
6:00 AM	6	2	8
7:00 AM	13	5	18
8:00 AM	24	12	36
9:00 AM	19	19	38
10:00 AM	30	20	50
11:00 AM	30	35	65
12:00 PM	33	25	58
1:00 PM	40	27	67
2:00 PM	26	25	51
3:00 PM	39	28	67
4:00 PM	26	19	45
5:00 PM	27	32	59
6:00 PM	21	18	39
7:00 PM	14	25	39
8:00 PM	5	8	13
9:00 PM	2	12	14
10:00 PM	7	13	20
11:00 PM	6	4	10

Totals	423 54.1 %	359 45.9 %	782
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**Peak Hours**

AM	10:00 AM	11:00 AM	11:00 AM
Volume	30	35	65
PM	1:00 PM	5:00 PM	1:00 PM
Volume	40	32	67

# North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Moundview Dr  
 Report Type: : Traffic Count

Site: VFriend2010A  
 Thursday, 10/7/2010, 12:00:00 AM -  
 Monday, 10/11/2010, 12:00:00 AM

## Classification Grand Totals Combined

	Total	Cars & Trailer		2 Axle Long	Buses	2 Axle 6 Tire	3 Axle		4 Axle		5 Axle		>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
		Bike					Single	Double	Single	Double	Single	Double				
12:00 AM	15.0	0.0	11.0	3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	10.5	0.0	8.5	1.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	7.5	0.0	5.8	1.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	2.8	0.0	1.5	1.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	3.8	0.0	3.0	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
5:00 AM	5.8	0.0	2.8	2.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	11.5	0.0	7.5	3.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	32.2	0.2	21.2	9.2	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 AM	39.8	0.0	26.2	10.5	0.0	2.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
9:00 AM	44.2	0.0	28.5	12.8	0.2	2.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	47.8	1.0	31.2	14.5	0.0	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	55.5	0.8	35.0	17.0	0.0	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	66.2	2.0	42.2	18.5	0.5	2.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	66.8	1.8	41.8	20.5	0.0	2.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	55.8	1.5	38.0	14.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	72.0	4.8	42.0	21.0	0.8	3.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
4:00 PM	67.0	2.5	44.8	18.8	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5:00 PM	68.8	0.8	47.0	19.0	0.5	0.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
6:00 PM	64.0	1.5	41.2	18.2	0.2	1.5	0.0	0.0	0.0	0.8	0.5	0.0	0.0	0.0	0.0	0.0
7:00 PM	49.2	1.0	35.8	10.8	0.0	1.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	34.8	0.5	20.8	11.8	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	34.0	1.0	21.8	9.0	0.0	1.5	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	32.2	0.2	23.5	7.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	27.2	0.2	19.2	6.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	914.2	19.8	600.2	252.8	2.8	31.2	0.2	0.5	6.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0

	Total	Cars & Trailer		2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle		5 Axle		>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
		Bike						Single	Double	Single	Double				
EBnd	1897	44	1225	545	5	64	0	2	11	1	0	0	0	0	0
WBnd	1760	2.3%	64.6%	28.7%	0.3%	3.4%	0.0%	0.1%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Combined	3657	2.0%	66.8%	26.5%	0.3%	3.5%	0.1%	0.0%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

# North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Moundview Dr  
 Report Type: : Traffic Count

Site: VFriend2010A  
 Thursday, 10/7/2010, 12:00:00 AM -  
 Monday, 10/11/2010, 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	15.0	0.0	0.0	4.0	6.8	3.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0
12:00 AM	15.0	0.0	0.0	4.0	6.8	3.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0
1:00 AM	10.5	0.0	0.0	2.5	4.0	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	10.5	0.0	0.0	1.8	2.8	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	2.8	0.0	0.0	0.8	0.8	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	3.8	0.0	0.0	0.5	1.5	0.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0
5:00 AM	5.8	0.0	0.0	0.5	1.8	2.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0
6:00 AM	11.5	0.0	0.2	1.0	2.8	2.8	3.0	1.2	0.0	0.0	0.0	0.0	0.0
7:00 AM	32.2	0.0	1.0	4.0	7.2	13.2	4.8	1.8	0.0	0.0	0.0	0.0	0.0
8:00 AM	39.8	0.0	1.5	7.5	12.0	10.0	6.8	1.8	0.0	0.0	0.0	0.0	0.0
9:00 AM	44.2	0.0	3.8	7.0	13.8	12.2	5.2	1.2	0.0	0.0	0.0	0.0	0.0
10:00 AM	47.8	0.2	1.8	7.8	17.8	15.8	3.0	1.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	55.5	0.0	0.2	1.5	8.8	16.2	5.8	2.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	66.8	0.2	0.5	2.8	10.5	22.5	8.0	3.2	0.0	0.0	0.0	0.0	0.0
1:00 PM	66.8	0.2	1.0	2.5	10.2	20.5	7.5	3.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	55.8	0.0	0.0	1.2	8.0	19.2	6.0	2.5	0.5	0.0	0.2	0.0	0.0
3:00 PM	72.0	0.0	0.8	4.2	10.0	21.2	5.8	2.5	0.0	0.0	0.0	0.0	0.0
4:00 PM	67.0	0.0	0.2	3.2	11.2	22.8	6.5	1.8	0.0	0.0	0.0	0.0	0.0
5:00 PM	68.8	0.2	2.8	2.8	13.2	21.8	20.2	5.5	1.5	0.8	0.0	0.0	0.0
6:00 PM	64.0	0.0	1.0	2.0	17.2	22.8	4.2	0.8	0.0	0.0	0.0	0.0	0.0
7:00 PM	49.2	0.2	2.0	11.2	21.2	10.5	3.0	0.8	0.0	0.0	0.0	0.0	0.0
8:00 PM	34.8	0.0	0.2	1.2	5.5	15.5	2.8	0.5	0.0	0.0	0.0	0.0	0.0
9:00 PM	34.0	0.0	0.2	1.5	8.5	12.0	3.5	0.2	0.0	0.0	0.0	0.0	0.0
10:00 PM	32.2	0.0	0.0	1.5	7.0	11.5	2.8	0.5	0.0	0.0	0.0	0.0	0.0
11:00 PM	27.2	0.0	0.5	1.8	5.5	10.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0
ADT	914.2	1.2	9.0	37.0	164.2	319.0	262.2	89.5	27.5	1.5	0.2	0.0	0.0

**Percentile Speeds**  
 (mph)      10%      15%      50%      85%      90%  
                  27.1      28.4      33.9      39.7      40.8

**10 mph Pace Speed**  
 Number in pace      29.2 - 39.2  
                                  2435 (66.6 %)

**Speeds Exceeded**  
 Count      45 mph      55 mph      65 mph      Average  
                  3.5 %      0.2 %      0.0 %      Minimum  
                  128      8      1      Maximum

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	1897	2	16	49	288	574	254	80	6	4	1	0	0
EBnd	1897	0.1%	0.8%	2.6%	15.2%	30.3%	13.4%	4.2%	0.3%	0.2%	0.1%	0.0%	0.0%
WBnd	1760	3	20	99	369	475	104	30	4	2	0	1	0
Combined	3657	5	36	148	657	1049	358	110	10	6	1	1	0
		0.1%	1.0%	4.0%	18.0%	28.7%	9.8%	3.0%	0.3%	0.2%	0.0%	0.0%	0.0%





## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type : Traffic Count

Site: VFriendB  
 Tuesday, 10/12/2010, 12:00:00 AM -  
 Monday, 10/18/2010, 12:00:00 AM

### Volume Grand Totals

#### Average Hourly Volumes

	NBnd	SBnd	Combined
12:00 AM	1.3	1.5	2.8
1:00 AM	1.0	1.3	2.3
2:00 AM	2.0	0.7	2.7
3:00 AM	1.8	1.8	3.7
4:00 AM	2.8	1.0	3.8
5:00 AM	6.3	2.5	8.8
6:00 AM	12.8	8.0	20.8
7:00 AM	22.2	15.3	37.5
8:00 AM	18.7	21.8	40.5
9:00 AM	21.0	15.8	36.8
10:00 AM	34.7	23.5	58.2
11:00 AM	32.3	36.0	68.3
12:00 PM	30.8	27.5	58.3
1:00 PM	34.2	25.3	59.5
2:00 PM	26.2	25.5	51.7
3:00 PM	32.3	28.5	60.8
4:00 PM	32.0	25.2	57.2
5:00 PM	31.7	22.0	53.7
6:00 PM	17.8	21.8	39.7
7:00 PM	13.7	12.3	26.0
8:00 PM	8.3	8.2	16.5
9:00 PM	9.5	7.8	17.3
10:00 PM	5.0	8.0	13.0
11:00 PM	4.0	2.2	6.2
ADT	402.5	343.7	746.2

#### Study Grand Totals

NBnd	SBnd	Combined
2415	2062	4477
53.9 %	46.1 %	

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site:  
 Date:

VFriendB  
 10/12/2010  
 Tuesday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	NBnd	SBnd	Combined
12:00 AM	3	3	6
1:00 AM	1	2	3
2:00 AM	2	1	3
3:00 AM	1	1	2
4:00 AM	4	0	4
5:00 AM	5	1	6
6:00 AM	19	13	32
7:00 AM	24	21	45
8:00 AM	21	19	40
9:00 AM	21	17	38
10:00 AM	29	16	45
11:00 AM	38	25	63
12:00 PM	35	40	75
1:00 PM	46	30	76
2:00 PM	22	23	45
3:00 PM	41	39	80
4:00 PM	32	36	68
5:00 PM	36	19	55
6:00 PM	16	13	29
7:00 PM	13	13	26
8:00 PM	9	9	18
9:00 PM	3	4	7
10:00 PM	3	8	11
11:00 PM	4	4	8

Totals	428 54.5 %	357 45.5 %	785
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#### **Peak Hours**

AM	11:00 AM	11:00 AM	11:00 AM
Volume	38	25	63
PM	1:00 PM	12:00 PM	3:00 PM
Volume	46	40	80

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site: VFriendB  
 Date: 10/13/2010  
 Wednesday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	NBnd	SBnd	Combined
12:00 AM	1	0	1
1:00 AM	0	1	1
2:00 AM	2	0	2
3:00 AM	0	0	0
4:00 AM	3	1	4
5:00 AM	8	5	13
6:00 AM	12	9	21
7:00 AM	17	18	35
8:00 AM	21	15	36
9:00 AM	24	17	41
10:00 AM	29	27	56
11:00 AM	20	23	43
12:00 PM	30	32	62
1:00 PM	36	22	58
2:00 PM	32	36	68
3:00 PM	38	38	76
4:00 PM	39	29	68
5:00 PM	29	20	49
6:00 PM	23	20	43
7:00 PM	18	9	27
8:00 PM	9	10	19
9:00 PM	7	12	19
10:00 PM	5	5	10
11:00 PM	4	3	7

Totals	407 53.6 %	352 46.4 %	759
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**Peak Hours**

AM Volume	10:00 AM 29	10:00 AM 27	10:00 AM 56
PM Volume	4:00 PM 39	3:00 PM 38	3:00 PM 76

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site: VFriendB  
 Date: 10/14/2010  
 Thursday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	NBnd	SBnd	Combined
12:00 AM	0	0	0
1:00 AM	0	1	1
2:00 AM	0	0	0
3:00 AM	1	2	3
4:00 AM	3	0	3
5:00 AM	6	3	9
6:00 AM	15	10	25
7:00 AM	23	14	37
8:00 AM	18	16	34
9:00 AM	15	10	25
10:00 AM	27	23	50
11:00 AM	34	37	71
12:00 PM	31	29	60
1:00 PM	35	26	61
2:00 PM	32	21	53
3:00 PM	31	29	60
4:00 PM	34	25	59
5:00 PM	35	25	60
6:00 PM	13	14	27
7:00 PM	14	13	27
8:00 PM	11	11	22
9:00 PM	15	6	21
10:00 PM	8	11	19
11:00 PM	2	0	2

Totals	403 55.3 %	326 44.7 %	729
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**Peak Hours**

AM Volume	11:00 AM 34	11:00 AM 37	11:00 AM 71
PM Volume	1:00 PM 35	12:00 PM 29	1:00 PM 61

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site:  
 Date:

VFriendB  
 10/15/2010  
 Friday

Daily Volume (2 channels/pg., 60 min.)

Interval Begin	NBnd	SBnd	Combined
12:00 AM	1	3	4
1:00 AM	1	2	3
2:00 AM	1	2	3
3:00 AM	5	2	7
4:00 AM	3	1	4
5:00 AM	6	4	10
6:00 AM	12	8	20
7:00 AM	26	20	46
8:00 AM	24	20	44
9:00 AM	27	13	40
10:00 AM	36	27	63
11:00 AM	33	34	67
12:00 PM	31	23	54
1:00 PM	36	26	62
2:00 PM	28	31	59
3:00 PM	30	22	52
4:00 PM	41	23	64
5:00 PM	39	31	70
6:00 PM	23	20	43
7:00 PM	20	17	37
8:00 PM	8	7	15
9:00 PM	20	8	28
10:00 PM	4	11	15
11:00 PM	5	4	9

Totals	460 56.2 %	359 43.8 %	819
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**Peak Hours**

AM	10:00 AM	11:00 AM	11:00 AM
Volume	36	34	67
PM	4:00 PM	2:00 PM	5:00 PM
Volume	41	31	70

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site: VFriendB  
 Date: 10/16/2010  
 Saturday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	NBnd	SBnd	Combined
12:00 AM	1	2	3
1:00 AM	3	1	4
2:00 AM	4	0	4
3:00 AM	2	3	5
4:00 AM	2	2	4
5:00 AM	6	1	7
6:00 AM	9	5	14
7:00 AM	16	15	31
8:00 AM	17	24	41
9:00 AM	17	20	37
10:00 AM	39	25	64
11:00 AM	37	34	71
12:00 PM	29	22	51
1:00 PM	29	26	55
2:00 PM	25	29	54
3:00 PM	40	16	56
4:00 PM	29	19	48
5:00 PM	40	20	60
6:00 PM	16	49	65
7:00 PM	13	16	29
8:00 PM	9	8	17
9:00 PM	3	12	15
10:00 PM	4	5	9
11:00 PM	6	2	8

Totals	396 52.7 %	356 47.3 %	752
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**Peak Hours**

AM	10:00 AM	11:00 AM	11:00 AM
Volume	39	34	71
PM	3:00 PM	6:00 PM	6:00 PM
Volume	40	49	65

## North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site:  
 Date:

VFriendB  
 10/17/2010  
 Sunday

### Daily Volume (2 channels/pg., 60 min.)

Interval Begin	NBnd	SBnd	Combined
12:00 AM	2	1	3
1:00 AM	1	1	2
2:00 AM	3	1	4
3:00 AM	2	3	5
4:00 AM	2	2	4
5:00 AM	7	1	8
6:00 AM	10	3	13
7:00 AM	27	4	31
8:00 AM	11	37	48
9:00 AM	22	18	40
10:00 AM	48	23	71
11:00 AM	32	63	95
12:00 PM	29	19	48
1:00 PM	23	22	45
2:00 PM	18	13	31
3:00 PM	14	27	41
4:00 PM	17	19	36
5:00 PM	11	17	28
6:00 PM	16	15	31
7:00 PM	4	6	10
8:00 PM	4	4	8
9:00 PM	9	5	14
10:00 PM	6	8	14
11:00 PM	3	0	3

<b>Totals</b>	321 50.7 %	312 49.3 %	633
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**Peak Hours**

AM	10:00 AM	11:00 AM	11:00 AM
Volume	48	63	95
PM	12:00 PM	3:00 PM	12:00 PM
Volume	29	27	48



# North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site: VFriendB  
 Tuesday, 10/12/2010, 12:00:00 AM -  
 Monday, 10/18/2010, 12:00:00 AM

## Classification Grand Totals Combined

	Total	Cars & Trailer		2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	Hourly Averages		>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
		Bike	Trailer					4 Axle Single	<5 Axle Double				
12:00 AM	2.8	0.0	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	2.3	0.0	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	2.7	0.0	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	3.7	0.0	2.3	1.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	3.8	0.0	2.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	8.8	0.0	5.3	3.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
6:00 AM	20.8	0.0	12.2	8.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	37.5	0.0	23.8	11.7	0.5	1.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0
8:00 AM	40.5	0.0	25.7	13.7	0.3	0.7	0.0	0.0	0.0	0.2	0.0	0.0	0.0
9:00 AM	36.8	0.0	25.7	10.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	58.2	0.5	38.3	17.5	0.3	1.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0
11:00 AM	68.3	0.2	45.5	20.7	0.5	1.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0
12:00 PM	58.3	0.3	37.7	18.0	0.0	1.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0
1:00 PM	59.5	0.2	39.8	17.5	0.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	51.7	0.3	32.8	16.5	0.2	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	60.8	0.0	42.5	15.8	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 PM	57.2	0.2	36.7	17.7	0.0	2.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
5:00 PM	53.7	0.3	34.7	17.8	0.0	0.5	0.0	0.0	0.2	0.0	0.2	0.0	0.0
6:00 PM	39.7	0.2	25.2	14.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	26.0	0.2	16.5	9.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	16.5	0.0	10.8	5.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	17.3	0.0	12.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	13.0	0.0	10.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	6.2	0.0	4.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	746.2	2.3	491.3	230.8	2.7	14.8	0.8	0.0	1.3	1.7	0.2	0.2	0.0

	Total	Cars & Trailer		2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	Study Grand Totals		>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
		Bike	Trailer					4 Axle Single	<5 Axle Double				
NBnd	2415	9	1592	754	5	48	1	0	4	2	0	0	0
SBnd	2062	0.4%	65.9%	31.2%	0.2%	2.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%
Combined	4477	0.2%	65.8%	30.6%	0.5%	2.0%	0.2%	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%

# North Central Wisconsin Regional Planning Commission

Location: : Village of Friendship  
 Road: : Park St  
 Report Type: : Traffic Count

Site: VFriendB  
 Tuesday, 10/12/2010, 12:00:00 AM -  
 Monday, 10/18/2010, 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	2.8	0.3	0.0	1.2	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00 AM	2.3	0.0	0.5	0.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	2.7	0.0	1.5	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	3.7	0.2	0.8	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	3.8	0.0	0.3	1.3	1.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	8.8	0.0	1.3	3.7	2.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	20.8	0.0	2.0	8.0	5.2	2.3	1.2	0.2	0.0	0.0	0.0	0.0	0.0
6:00 AM	37.5	0.0	1.0	3.8	10.5	12.7	7.0	1.8	0.7	0.0	0.0	0.0	0.0
7:00 AM	40.5	0.5	1.8	4.5	17.0	10.5	4.5	1.3	0.3	0.0	0.0	0.0	0.0
8:00 AM	36.8	0.5	1.0	4.8	11.2	12.7	5.3	1.2	0.2	0.0	0.0	0.0	0.0
9:00 AM	58.2	1.3	4.2	10.3	20.3	15.2	5.5	0.8	0.3	0.0	0.2	0.0	0.0
10:00 AM	68.3	0.3	4.3	12.5	22.3	19.3	7.7	1.7	0.0	0.0	0.0	0.0	0.0
11:00 AM	58.3	1.2	2.5	7.3	20.8	15.3	8.5	2.7	0.0	0.0	0.0	0.0	0.0
12:00 PM	59.5	0.8	3.7	9.5	17.8	16.2	8.8	2.3	0.0	0.0	0.0	0.0	0.0
1:00 PM	51.7	0.5	1.7	8.8	15.2	16.7	6.8	2.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	60.8	0.7	2.0	9.8	21.5	18.7	6.3	1.7	0.2	0.0	0.0	0.0	0.0
3:00 PM	57.2	0.7	3.3	5.7	17.5	21.0	6.2	2.3	0.5	0.0	0.0	0.0	0.0
4:00 PM	53.7	1.0	1.5	8.2	16.8	18.7	6.7	0.8	0.0	0.0	0.0	0.0	0.0
5:00 PM	39.7	0.0	2.8	5.5	15.7	9.7	5.2	0.8	0.0	0.0	0.0	0.0	0.0
6:00 PM	26.0	0.7	0.7	5.5	11.0	6.3	1.5	0.3	0.0	0.0	0.0	0.0	0.0
7:00 PM	16.5	0.5	1.0	2.7	7.3	3.7	1.2	0.0	0.2	0.0	0.0	0.0	0.0
8:00 PM	17.3	0.5	0.7	3.2	6.0	5.0	1.5	0.3	0.2	0.0	0.0	0.0	0.0
9:00 PM	13.0	0.2	0.3	3.3	5.7	2.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0
10:00 PM	6.2	0.0	0.3	1.2	3.0	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0
11:00 PM	746.2	9.8	35.0	111.8	257.5	218.3	88.5	21.8	2.7	0.5	0.2	0.0	0.0
ADT													

**Percentile Speeds**  
 (mph) 10% 15% 50% 85% 90%  
 21.9 23.5 29.2 35.0 36.3

**10 mph Pace Speed**  
 Number in pace 24.4 - 34.4  
 2901 (64.8%)

**Average**  
 Minimum 29.2 mph  
 Maximum 60.8 mph

**Speeds Exceeded**  
 Count 45 mph 55 mph 65 mph  
 0.4% 0.0% 0.0%  
 20 1 0

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	2415	26	56	250	797	811	367	96	3	0	0	0	0
NBnd	1.1%	2.3%	10.4%	33.0%	33.6%	15.2%	8.0%	4.0%	0.1%	0.0%	0.0%	0.0%	0.0%
SBnd	33	154	421	748	499	164	35	7	0	0	1	0	0
Combined	4477	59	210	671	1545	1310	531	131	3	0	1	0	0
	1.3%	4.7%	15.0%	34.5%	29.3%	11.9%	2.9%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%

