



Paul Woods, President
Rebecca W. Arnold, Vice President
Sara M. Baker, Commissioner
Jim D. Hansen, Commissioner
Kent Goldthorpe, Commissioner

October 27, 2017

Muir Woods HOA

Attached is the most recent speed study for W. Muir Ridge Drive. This study was done in mid-May 2017 and includes comparisons to the previous October 2014 study.

You will note that we have changed our traffic calming policy. Peak hour speed has been replaced with 85th & 95th percentile speeds which are the speeds which 85% and 95% of the drivers are driving.

The eligibility thresholds for traffic calming is as follows:

- Peak hour traffic volume greater than 100 vehicles.
- 85th percentile speed of all vehicles equal to or greater than 30 MPH.
- 95th percentile speed of all vehicles equal to or greater than 35 MPH.

As a result of this study, Muir Ridge, being classified as a local road, is NOT eligible for traffic calming based on the following results from the study:

- Peak hour (7-8am/3-4pm/5-6pm) traffic volume was 89 (down 32 vehicles from 2014 study).
- 85th percentile speed was 25 MPH (down 1 MPH from 2014 study).
- 95th percentile speed was 28 MPH (down 1 MPH from 2014 study).

Other pertinent information from the recent study is as follows:

- Average Daily Traffic (ADT) = 830 vehicles (Down 31 from 2014 study).
- Average Speed = 21 MPH (Same as 2014 study).
- Vehicles driving 9+ MPH over the posted speed limit of 20 MPH = 298 out of 5468 (5.45%).

In summary, vehicle traffic in Muir Woods has continued to be at a moderate volume, however, very few vehicles were driving 10+ MPH over the posted speed limited. Based on the 85th percentile speed of 25 MPH, it appears that most of the drivers are being moderately responsible when using Muir Ridge Dr.

I appreciate your interest in the continued safety of the community and want to assure you that the Ada County Highway District shares your concerns. If you have any additional questions, please feel free to call me at 208-387-6151.

Sincerely,

John D Wasson
Assistant Traffic Engineer
Ada County Highway District

Cc: File

W. Muir Ridge Drive W/O S. Cloverdale Road

	NB	SB	Total					
	Weds	Thurs	Fri	Sat	Sun	Mon	Tues	Total
	5/17/2017	5/18/2017	5/19/2017	5/20/2017	5/21/2017	5/22/2017	5/23/2017	
0000	0	3	2	2	2	0	3	12
0100	1	0	0	9	3	0	1	14
0200	0	0	0	1	4	1	0	6
0300	3	3	3	6	1	2	2	20
0400	5	7	4	0	4	5	4	29
0500	7	7	7	5	1	7	7	41
0600	16	19	20	3	3	17	16	94
0700	44	41	41	8	7	45	44	230
0800	62	77	82	39	19	66	61	406
0900	84	56	45	33	25	33	58	334
1000	37	35	40	46	49	36	34	277
1100	45	52	30	54	46	45	53	325
1200	36	53	53	61	49	61	64	377
1300	55	50	67	50	40	47	58	367
1400	50	47	76	59	52	51	59	394
1500	87	77	89	67	54	76	81	531
1600	70	77	77	60	47	73	82	486
1700	65	78	71	57	42	74	65	452
1800	59	38	66	61	27	44	50	345
1900	34	29	40	51	16	34	49	253
2000	43	26	43	40	26	28	29	235
2100	16	20	27	32	18	7	24	144
2200	3	6	12	16	3	5	8	53
2300	5	5	9	13	2	1	4	39
Total:	827	806	904	773	540	758	856	5464

Avg. Weekday ADT:	830
Avg. ADT:	781
Roadway Classification:	Local
Percent Cut Through Needed:	39%
Peak Volume:	Fri 1500
Peak Hour Volume:	89

Min. ADT Criteria:	400	Min. Segment Length (in feet):	750
Avg. ADT:	830	Segment Length (in feet):	500
Meets Min. ADT Criteria?	YES	Meets Min. Length Criteria?	NO
Volume Criteria:	100 vehicles or more in the peak hour		
Measured Volume:	89 vehicles		
Meets Volume Criteria?	No		
Speed Criteria (85th Perc.):	30 mph	Speed Criteria (95th Perc.):	35 mph
Measured 85th Perc. Speed:	25 mph	Measured 95th Perc. Speed:	28 mph
Meets Speed Criteria?	No	Meets Speed Criteria?	No

W. Muir Ridge Drive W/O S. Cloverdale Road

	EB	WB	Total					Total
	Weds	Thurs	Fri	Sat	Sun	Mon	Tues	
	10/8/2014	10/9/2014	10/10/2014	10/11/2014	10/12/2014	10/13/2014	10/14/2014	
0000	3	0	0	2	12	4	4	25
0100	0	0	0	1	3	0	0	4
0200	0	0	0	3	2	0	0	5
0300	1	1	0	0	1	0	0	3
0400	6	2	6	4	4	4	3	29
0500	10	12	8	3	2	10	9	54
0600	16	8	15	7	6	18	21	91
0700	38	46	25	4	8	44	48	213
0800	72	44	39	16	18	68	75	332
0900	67	33	48	33	22	46	50	299
1000	28	46	58	39	40	40	35	286
1100	37	52	43	40	41	47	41	301
1200	42	52	49	51	52	52	59	357
1300	33	57	53	60	51	56	41	351
1400	46	57	54	56	41	46	51	351
1500	76	63	48	74	47	77	79	464
1600	97	72	69	63	54	95	90	540
1700	120	87	72	61	32	111	108	591
1800	76	64	52	57	31	64	78	422
1900	77	52	35	36	30	54	62	346
2000	40	29	31	21	27	24	39	211
2100	17	28	21	25	14	14	37	156
2200	3	13	21	20	6	2	7	72
2300	5	8	12	15	3	1	2	46
Total:	910	826	759	691	547	877	939	5549

Avg. Weekday ADT:	862
Avg. ADT:	793
Avg. Volume per Hour:	36
Percent Cut Through Needed:	65%
Peak Volume:	Wed 1700 (Enter Day of Week/Time Here)
Peak Hour:	120

EB

Speed	No.	Cum.
0	10	1
11	13	1
14	16	1
17	19	4
20	22	9
23	25	7
26	28	7
29	31	2
32	34	0
35	37	0
38	40	0
41	43	0
44	46	0
47	50	0

WB

Speed	No.	Cum.
0	10	0
11	13	2
14	16	1
17	19	14
20	22	32
23	25	28
26	28	9
29	31	1
32	34	1
35	37	0
38	40	0
41	43	0
44	46	0
47	50	0

Total: 32 713
 Avg. Speed = 22 mph (Peak Hour)

Total: 88 1941
 Avg. Speed = 22 mph (Peak Hour)

Avg. Overall Speed = 22 mph (Peak Hour)

Volume Criteria:	100	vehicles or more in the peak hour
Measured Volume:	120	vehicles
Meets Volume Criteria?	Yes	
Speed Criteria:	27	mph
Measured Speed:	22	mph
Meets Speed Criteria?	No	

Ada County Highway District

3775 Adams St
Garden City Idaho, 83714
208-387-6150

Muir Ridge Dr
W-O Cloverdale Rd

Latitude: 43° 34.9050 North
Longitude: 116° 20.1940 West

EB	Start Time	10	11	14	16	17	20	23	26	29	32	35	38	41	44	47	Total	Pace Speed	Number in Pace
	05/17/17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*
	01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	12-21	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	03:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	18-27	2
	04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	18-27	1
	05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	15-24	1
	06:00	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3-12	1
	07:00	0	0	1	4	1	4	3	3	1	0	0	0	0	0	0	13	20-29	10
	08:00	4	0	5	4	9	10	8	2	0	0	1	0	0	0	0	26	14-23	19
	09:00	5	2	4	9	10	10	6	0	2	1	0	0	0	0	0	41	16-25	28
	10:00	1	0	2	2	3	3	6	0	0	1	0	0	0	0	0	17	16-25	12
	11:00	0	0	1	9	6	6	4	1	0	0	0	0	0	0	0	21	17-26	19
	12 PM	0	0	1	4	7	7	3	0	0	0	0	0	0	0	0	15	16-25	14
	13:00	2	1	6	5	6	5	4	1	0	1	0	0	0	0	0	26	14-23	18
	14:00	0	0	1	10	11	11	2	3	0	0	0	0	0	0	0	27	17-26	24
	15:00	4	1	2	16	10	10	7	3	1	0	0	0	0	0	0	44	17-26	34
	16:00	0	0	1	14	20	20	12	2	0	0	0	0	0	0	0	49	17-26	47
	17:00	0	0	3	12	6	12	6	4	1	0	0	0	0	0	0	32	17-26	25
	18:00	0	2	3	8	12	12	7	1	3	0	0	0	0	0	0	36	16-25	28
	19:00	0	1	1	5	7	7	5	1	0	1	0	0	0	0	0	21	17-26	17
	20:00	0	1	4	10	8	8	5	0	0	1	0	0	0	0	0	29	16-25	24
	21:00	0	0	1	3	4	3	4	2	0	0	0	0	0	0	0	11	19-28	9
	22:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	18-27	1
	23:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	12-21	1
	Total	16	9	36	105	129	129	81	27	8	5	1	0	0	0	0	417		
	Percent	3.8%	2.2%	8.6%	25.2%	30.9%	30.9%	19.4%	6.5%	1.9%	1.2%	0.2%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	09:00	09:00	08:00	09:00	09:00	09:00	09:00	07:00	10:00	06:00	09:00	09:00	09:00	09:00	09:00	09:00		
	Vol.	5	2	5	9	10	10	8	3	2	1	1	1	1	1	1	41		
	PM Peak	15:00	18:00	13:00	15:00	16:00	16:00	16:00	17:00	18:00	13:00	13:00	13:00	13:00	13:00	13:00	16:00		
	Vol.	4	2	6	16	20	20	12	4	3	1	1	1	1	1	1	49		

Ada County Highway District
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 Garden City Idaho, 83714
 208-387-6150

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EB	Start Time	11	14	17	20	23	26	29	32	35	38	41	44	47	Total	Pace Speed	Number in Pace
05/18/17	10	0	0	1	1	1	0	0	0	0	0	0	0	0	3	17-26	3
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*
	03:00	0	0	0	0	0	1	1	0	0	0	0	0	0	2	21-30	2
	04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	9-18	1
	05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	9-18	1
	06:00	0	0	1	2	1	0	0	0	0	0	0	0	0	4	15-24	4
	07:00	0	1	1	2	2	1	0	1	0	0	0	0	0	8	20-29	5
	08:00	1	1	4	7	8	4	0	0	0	0	0	0	0	26	19-28	20
	09:00	0	1	11	10	3	1	2	2	1	0	0	0	0	31	17-26	24
	10:00	0	0	8	7	5	2	0	0	0	0	0	0	0	22	17-26	21
	11:00	1	1	5	6	3	4	1	0	0	0	0	0	0	21	17-26	15
	12 PM	0	1	7	8	5	2	0	0	0	0	0	0	0	24	17-26	21
	13:00	0	1	9	8	7	0	0	0	0	0	0	0	0	25	16-25	24
	14:00	2	0	9	7	4	3	0	0	0	0	0	0	0	27	17-26	21
	15:00	0	3	9	10	2	2	0	0	0	0	0	0	0	33	13-22	27
	16:00	2	1	18	16	8	2	2	0	0	0	0	0	0	57	14-23	47
	17:00	1	0	14	16	9	2	2	1	0	0	0	0	0	50	16-25	41
	18:00	1	0	6	5	2	2	0	1	0	0	0	0	0	21	14-23	16
	19:00	0	0	1	7	4	3	1	0	0	0	0	0	0	20	17-26	16
	20:00	1	0	6	4	4	1	1	0	0	0	0	0	0	19	16-25	15
	21:00	0	0	5	5	2	1	1	0	0	0	0	0	0	14	17-26	12
	22:00	0	0	0	1	0	0	2	0	0	0	0	0	0	5	14-23	3
	23:00	0	0	0	1	2	0	0	0	0	0	0	0	0	3	16-25	3
	Total	9	8	37	123	72	31	11	5	1	0	0	0	0	417		
	Percent	2.2%	1.9%	8.9%	29.5%	17.3%	7.4%	2.6%	1.2%	0.2%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	08:00	07:00	08:00	09:00	08:00	08:00	09:00	09:00	09:00	09:00	09:00	09:00	09:00	09:00		
	Vol.	1	1	1	10	8	4	2	2	1					31		
	PM Peak	14:00	15:00	16:00	16:00	17:00	14:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	16:00		
	Vol.	2	3	10	16	9	3	2	2	1					57		

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	05/19/17	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	15-24	2
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	03:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	19-28	2
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	06:00	0	0	2	1	1	1	0	0	0	0	0	0	0	0	4	15-24	3
	07:00	1	1	0	1	12	7	2	1	0	0	0	0	0	0	8	19-28	4
	08:00	5	0	4	4	9	4	1	0	0	0	0	0	0	0	34	17-26	26
	09:00	0	0	2	6	8	4	0	0	0	0	0	0	0	0	23	16-25	19
	10:00	1	0	0	4	5	2	1	0	0	0	0	0	0	0	12	17-26	11
	11:00	0	0	1	11	6	4	1	2	0	0	0	0	0	0	27	17-26	21
	12 PM	1	3	3	12	6	5	3	1	0	0	0	0	0	0	33	16-25	24
	13:00	0	0	5	16	11	6	0	0	0	0	0	0	0	0	38	16-25	35
	14:00	0	0	4	13	18	7	2	3	0	0	0	0	0	0	50	16-25	39
	15:00	3	0	2	19	15	6	3	0	0	0	0	0	0	0	46	16-25	41
	16:00	1	0	1	15	14	4	4	0	0	0	0	0	0	0	44	14-23	36
	17:00	0	1	6	15	10	7	2	0	1	0	0	0	0	0	29	17-26	25
	18:00	1	0	1	7	7	7	3	0	0	0	0	0	0	0	27	16-25	20
	19:00	1	1	3	5	7	7	2	0	0	0	0	0	0	0	25	14-23	19
	20:00	2	1	6	7	6	1	2	0	0	0	0	0	0	0	15	17-26	13
	21:00	0	0	1	4	4	5	1	0	0	0	0	0	0	0	4	16-25	4
	22:00	0	0	0	1	1	2	0	0	0	0	0	0	0	0	3	20-29	2
	23:00	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0		
	Total	16	11	41	132	136	73	29	7	1	0	0	0	0	0	446		
	Percent	3.6%	2.5%	9.2%	29.6%	30.5%	16.4%	6.5%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	08:00	10:00	09:00	08:00	08:00	08:00	03:00	08:00							08:00		
	Vol.	5	2	4	6	12	7	2	1							34		
	PM Peak	15:00	13:00	17:00	16:00	15:00	15:00	17:00	15:00	18:00						15:00		
	Vol.	3	3	6	19	18	7	4	3	1						50		

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EB	Start Time	10	11	13	14	16	17	19	20	22	23	25	26	28	29	31	32	34	35	37	38	40	41	43	44	46	47	Total	Pace	Speed	Number in Pace
	05/20/17	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12-21	2	
	01:00	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	0	2	10-19	2	
	02:00	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	0	*	*	
	03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	6-15	1		
	04:00	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	*	*		
	05:00	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	6-15	1		
	06:00	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	*	*		
	07:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18-27	1		
	08:00	0	0	0	0	0	3	5	5	4	4	1	2	2	1	2	0	0	0	0	0	0	0	0	0	0	12	17-26	10		
	09:00	0	0	0	1	1	1	4	4	7	7	1	1	1	2	0	1	0	0	0	0	1	0	0	0	0	14	20-29	10		
	10:00	1	0	0	0	0	5	8	8	10	5	2	2	2	0	0	1	0	0	0	0	0	0	0	0	0	23	17-26	20		
	11:00	3	0	0	0	0	8	10	10	5	5	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	28	17-26	24		
	12 PM	2	0	0	4	3	7	10	10	4	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	29	16-25	22		
	13:00	0	0	0	3	3	3	7	7	9	6	2	2	2	2	0	0	0	1	0	0	0	0	0	0	0	26	16-25	20		
	14:00	2	1	1	1	1	8	13	13	6	6	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	33	17-26	28		
	15:00	3	0	0	3	3	11	12	12	5	5	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	38	16-25	29		
	16:00	0	0	0	2	2	11	11	8	10	10	6	6	6	1	0	0	0	0	0	0	0	0	0	0	0	38	17-26	31		
	17:00	2	0	0	3	3	9	9	11	10	10	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	36	16-25	31		
	18:00	2	1	1	5	5	5	5	13	6	6	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	35	16-25	26		
	19:00	0	0	0	1	1	3	3	9	4	4	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	22	19-28	19		
	20:00	0	0	0	2	2	7	7	7	5	5	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	26	17-26	21		
	21:00	1	1	1	1	1	6	6	6	1	1	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	19	17-26	14		
	22:00	0	0	0	0	0	1	1	1	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	16-25	6		
	23:00	0	0	0	0	0	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16-25	4		
	Total	16	3	3	28	28	92	126	126	83	83	35	35	35	10	2	2	1	1	1	1	1	0	0	0	0	397				
	Percent	4.0%	0.8%	0.8%	7.1%	7.1%	23.2%	31.7%	31.7%	20.9%	20.9%	8.8%	8.8%	8.8%	2.5%	0.5%	0.5%	0.3%	0.3%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
	AM Peak	11:00			03:00		11:00		11:00		10:00		08:00		09:00		10:00		09:00		08:00		09:00		08:00		11:00				
	Vol.	3	1	1	1	1	8	10	10	7	7	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	28				
	PM Peak	15:00			18:00		15:00		14:00		16:00		16:00		13:00		15:00		13:00		15:00		13:00		15:00		15:00				
	Vol.	3	1	1	5	5	11	13	13	10	10	6	6	6	2	2	2	1	1	1	1	1	1	1	1	1	38				

Ada County Highway District

3775 Adams St
Garden City Idaho, 83714
208-387-6150

Muir Ridge Dr
W-O Cloverdale Rd

Latitude: 43° 34.9050 North
Longitude: 116° 20.1940 West

EB	Start Time	10	11	14	16	17	20	23	25	26	28	29	31	32	34	35	37	38	40	41	43	44	46	47	Total	Pace Speed	Number in Pace
	05/23/17	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13-22	2
	01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15-24	1
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18-27	1
	04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15-24	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	06:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07:00	1	0	0	0	2	5	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3	13-22	3
	08:00	0	0	0	0	3	9	1	5	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	11	17-26	8
	09:00	2	2	0	0	12	9	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	19	17-26	17
	10:00	1	0	2	0	6	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14-23	11
	11:00	4	0	0	0	7	7	7	7	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	27	16-25	21
	12 PM	5	1	1	8	8	8	9	9	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	34	17-26	26
	13:00	1	1	3	10	10	10	7	7	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	37	16-25	28
	14:00	0	0	1	10	12	12	6	6	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	31	17-26	28
	15:00	1	1	3	7	10	10	9	9	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	36	17-26	27
	16:00	6	2	2	13	17	17	12	12	6	6	1	1	0	0	0	0	0	0	0	0	0	0	0	59	17-26	44
	17:00	0	0	0	0	11	11	8	9	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	39	17-26	33
	18:00	1	0	2	10	7	7	5	4	4	3	3	3	1	1	1	1	0	0	0	0	0	0	0	34	17-26	23
	19:00	1	0	1	5	5	7	5	3	3	3	3	3	1	1	0	0	0	0	0	0	0	0	0	26	17-26	18
	20:00	0	0	2	2	7	7	4	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	15	16-25	13
	21:00	0	0	1	7	4	4	4	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	18	17-26	15
	22:00	0	0	0	0	1	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	17-26	6
	23:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	21-30	1
	Total	23	7	18	114	114	133	87	37	37	18	18	5	5	1	1	0	0	0	0	0	0	0	0	443		
Percent	5.2%	1.6%	4.1%	25.7%	4.1%	25.7%	30.0%	19.6%	8.4%	8.4%	4.1%	4.1%	1.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	09:00		
AM Peak	11:00	09:00	10:00	09:00	08:00	08:00	08:00	11:00	07:00	07:00	07:00	07:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	08:00		
Vol.	4	2	2	12	9	9	9	7	7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	28		
PM Peak	16:00	16:00	13:00	16:00	16:00	16:00	16:00	16:00	16:00	17:00	17:00	18:00	18:00	13:00	13:00	13:00	13:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	16:00		
Vol.	6	2	3	13	17	17	17	12	12	9	9	3	3	1	1	1	1	4	4	1	1	1	1	1	59		
Total	98	46	185	725	725	864	864	535	535	233	233	75	75	24	24	4	4	1	1	0	0	0	0	0	2790		
Percent	3.5%	1.6%	6.6%	26.0%	26.0%	31.0%	31.0%	19.2%	19.2%	8.4%	8.4%	2.7%	2.7%	0.9%	0.9%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		

Stats	10 MPH Pace Speed	17-26 MPH
Number in Pace	2202	
Percent in Pace	78.9%	
Number of Vehicles > 20 MPH	1448	
Percent of Vehicles > 20 MPH	51.9%	
Mean Speed(Average)	21 MPH	

15th Percentile: 16 MPH
 50th Percentile: 20 MPH
 85th Percentile: 24 MPH
 95th Percentile: 27 MPH

Ada County Highway District

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Muir Ridge Dr
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WB	Start Time	10	11	14	17	20	23	26	29	32	35	38	41	44	47	Total	Pace	Number in Pace
	05/17/17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18-27	1
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	17-26	3
	06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	16-25	6
	07:00	1	1	5	7	7	7	2	0	0	0	0	0	0	0	14	17-26	12
	08:00	3	0	4	12	6	6	2	2	1	0	0	0	0	0	31	16-25	24
	09:00	9	0	4	8	10	8	3	1	0	0	0	0	0	0	36	16-25	25
	10:00	3	0	2	2	8	5	0	0	0	0	0	0	0	0	43	16-25	27
	11:00	0	1	0	4	8	2	0	0	1	0	0	1	0	0	20	16-25	16
	12 PM	0	2	1	3	11	2	2	0	0	0	0	0	0	0	24	17-26	20
	13:00	2	0	4	5	3	9	4	2	0	0	0	0	0	0	21	17-26	17
	14:00	2	2	2	4	6	2	2	1	1	1	0	0	0	0	29	17-26	18
	15:00	3	2	4	9	10	10	5	0	0	0	0	0	0	0	23	13-22	13
	16:00	0	0	1	2	8	4	4	1	1	0	0	0	0	0	43	17-26	31
	17:00	0	0	1	7	9	11	1	4	0	0	0	0	0	0	21	19-28	17
	18:00	0	0	0	5	1	8	5	4	0	0	0	0	0	0	33	17-26	27
	19:00	0	0	0	3	2	6	1	0	1	0	0	0	0	0	23	22-31	17
	20:00	0	1	1	4	6	0	1	0	1	0	0	0	0	0	13	17-26	11
	21:00	0	0	0	0	0	2	2	1	1	0	0	0	0	0	14	14-23	11
	22:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5	23-32	4
	23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	15-24	2
	Total	23	9	30	83	107	94	38	17	7	1	0	1	0	0	410		4
	Percent	5.6%	2.2%	7.3%	20.2%	26.1%	22.9%	9.3%	4.1%	1.7%	0.2%	0.0%	0.2%	0.0%	0.0%			
	AM Peak	09:00	07:00	07:00	08:00	09:00	09:00	09:00	08:00	08:00	08:00	08:00	11:00	09:00	09:00	09:00		
	Vol.	9	1	5	12	10	8	3	2	1	1	1	1	1	1	43		
	PM Peak	15:00	12:00	13:00	15:00	12:00	17:00	15:00	17:00	14:00	14:00	14:00	15:00	15:00	15:00	15:00		
	Vol.	3	2	4	9	11	11	5	4	1	1	1	43	43	43			

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WB	Start Time	10	11	14	16	17	20	23	26	29	32	35	38	41	44	47	Total	Pace Speed	Number in Pace
05/18/17	00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	15-24	1
	04:00	0	0	0	2	2	2	2	1	1	0	0	0	0	0	0	6	20-29	5
	05:00	0	0	0	3	3	3	3	0	0	0	0	0	0	0	0	6	13-22	6
	06:00	0	1	0	4	4	4	3	3	0	1	0	0	0	0	0	15	19-28	11
	07:00	2	0	2	4	4	4	9	8	0	0	0	0	0	0	0	33	17-26	24
	08:00	0	2	1	18	18	18	11	10	2	0	0	0	0	0	0	51	18-27	40
	09:00	0	0	1	7	7	7	11	0	1	1	0	0	0	0	0	25	16-25	22
	10:00	0	0	0	4	4	4	2	2	3	0	0	0	0	0	0	13	17-26	9
	11:00	3	2	2	4	4	4	9	2	2	1	0	0	0	0	0	31	16-25	20
	12 PM	3	0	1	7	7	8	2	6	3	0	0	0	0	0	0	29	17-26	19
	13:00	0	0	1	9	9	9	6	3	3	0	0	0	0	0	0	25	17-26	19
	14:00	0	0	1	3	3	3	7	0	0	0	0	0	0	0	0	20	16-25	19
	15:00	3	1	4	13	13	13	6	4	1	1	0	0	0	0	0	44	17-26	31
	16:00	1	2	1	3	3	3	2	4	0	0	0	1	1	0	0	20	17-26	11
	17:00	3	1	3	9	9	9	2	3	2	2	0	0	0	0	0	28	14-23	16
	18:00	0	0	0	2	2	2	7	2	3	1	0	0	0	0	0	17	22-31	13
	19:00	0	0	1	1	1	1	4	1	1	0	0	0	0	0	0	9	23-32	6
	20:00	0	0	1	2	2	2	2	0	0	0	0	0	0	0	0	7	17-26	6
	21:00	0	0	0	2	2	2	1	2	0	0	0	0	0	0	0	6	20-29	5
	22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
	23:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	9-18	1
	Total	15	9	19	98	85	51	22	7	1	7	0	1	1	0	0	389		
	Percent	3.9%	2.3%	4.9%	25.2%	21.9%	13.1%	5.7%	1.8%	0.3%	1.8%	0.0%	0.3%	0.3%	0.0%	0.0%			
AM Peak	11:00	08:00	08:00	07:00	08:00	09:00	08:00	08:00	10:00	10:00	06:00						08:00		
Vol.	3	2	2	18	11	10	3	1	3	1							51		
PM Peak	12:00	16:00	15:00	15:00	14:00	14:00	13:00	17:00	13:00	16:00	17:00						15:00		
Vol.	3	2	4	13	7	7	3	2	6	1	2						44		

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WB	Start Time	10	11	14	17	20	23	26	29	32	35	38	41	44	47	Total	Pace Speed	Number in Pace
	05/19/17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		*
	03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	15-24	1
	04:00	0	0	0	0	1	1	1	1	0	0	0	0	0	0	4	23-32	3
	05:00	0	0	0	4	0	0	2	1	0	0	0	0	0	0	7	17-26	5
	06:00	0	1	2	1	3	5	3	0	1	0	0	0	0	0	16	19-28	11
	07:00	1	0	5	9	8	4	4	1	1	0	0	0	0	0	33	14-23	23
	08:00	2	1	2	10	10	9	10	4	0	0	0	0	0	0	48	19-28	32
	09:00	0	0	1	7	10	2	3	1	1	0	0	0	0	0	25	17-26	20
	10:00	3	1	0	3	3	2	4	0	1	0	0	0	0	0	17	18-27	10
	11:00	3	0	1	2	3	4	5	0	0	0	0	0	0	0	18	19-28	13
	12 PM	0	0	4	5	10	5	2	0	0	0	0	0	0	0	26	16-25	21
	13:00	3	3	1	9	5	7	1	4	1	0	0	0	0	0	34	17-26	21
	14:00	2	1	3	6	7	14	3	2	0	0	0	0	0	0	38	16-25	28
	15:00	4	2	4	6	5	9	8	1	0	0	0	0	0	0	39	19-28	24
	16:00	2	1	2	10	7	4	1	4	0	0	0	0	0	0	31	16-25	22
	17:00	0	1	3	8	2	5	6	1	1	0	0	0	0	0	27	17-26	17
	18:00	2	2	2	5	12	6	5	2	0	0	0	0	0	0	37	19-28	26
	19:00	1	1	0	4	2	2	3	0	0	0	0	0	0	0	13	17-26	9
	20:00	0	5	3	5	0	4	0	1	0	0	0	0	0	0	18	10-19	13
	21:00	0	0	4	4	0	4	0	0	0	0	0	0	0	0	12	16-25	9
	22:00	0	1	1	1	2	1	2	0	0	0	0	0	0	0	8	20-29	5
	23:00	1	0	0	0	2	0	2	1	0	0	0	0	0	0	6	20-28	4
	Total	24	20	38	99	92	89	66	24	6	0	0	0	0	0	458		
	Percent	5.2%	4.4%	8.3%	21.6%	20.1%	19.4%	14.4%	5.2%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	10:00	06:00	07:00	08:00	08:00	08:00	08:00	08:00	06:00						08:00		
	Vol.	3	1	5	10	10	9	10	4	1						48		
	PM Peak	15:00	20:00	12:00	16:00	18:00	14:00	15:00	13:00	13:00						15:00		
	Vol.	4	5	4	10	12	14	8	4	1						39		

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WB	Start Time	10	11	14	17	20	23	26	29	32	35	38	41	44	47	Total	Speed	Number in Pace
	05/21/17	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	12-21	1
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	02:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	*	1
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	04:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	21-30	2
	05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	12-21	1
	06:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3	20-29	3
	07:00	0	0	2	0	1	0	1	0	1	0	0	0	0	0	5	12-21	3
	08:00	2	0	1	2	4	7	2	0	0	0	0	0	0	0	18	17-26	14
	09:00	0	0	2	3	3	5	2	2	0	0	0	0	0	0	17	16-25	12
	10:00	0	0	4	5	5	7	5	2	0	0	0	0	0	0	28	17-26	19
	11:00	1	2	3	1	4	3	8	3	0	0	0	0	0	0	25	20-29	16
	12 PM	0	0	0	5	3	4	5	1	0	0	0	0	0	0	18	17-26	14
	13:00	0	0	2	1	8	6	3	2	1	0	0	0	0	0	23	20-29	18
	14:00	0	0	1	9	4	5	5	1	0	0	0	0	0	0	25	17-26	20
	15:00	1	0	1	5	5	4	4	2	0	0	0	0	0	0	22	17-26	15
	16:00	3	0	0	4	4	4	2	1	0	0	0	0	0	0	18	17-26	13
	17:00	0	0	2	2	4	5	3	2	1	0	0	0	0	0	20	19-28	14
	18:00	2	0	0	2	2	4	1	1	0	0	0	0	0	0	10	21-30	7
	19:00	0	0	0	3	3	0	1	0	0	0	0	0	0	0	7	17-26	6
	20:00	0	1	0	2	3	3	2	2	0	0	0	0	0	0	13	17-26	9
	21:00	0	1	1	1	0	3	1	0	0	0	0	0	0	0	7	19-28	4
	22:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	15-24	2
	23:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	21-30	1
	Total	10	4	19	43	59	64	45	21	3	0	0	0	0	0	268		
	Percent	3.7%	1.5%	7.1%	16.0%	22.0%	23.9%	16.8%	7.8%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	08:00	11:00	10:00	10:00	10:00	08:00	11:00	11:00	07:00						10:00		
	Vol.	2	2	4	5	5	7	8	3	1						28		
	PM Peak	16:00	20:00	13:00	14:00	13:00	13:00	12:00	13:00	13:00						14:00		
	Vol.	3	1	2	9	8	6	5	2	1						25		

