

Howard. N. Dashiell
DIRECTOR OF TRANSPORTATION

Road Commissioner
County Engineer, RCE 42001
County Surveyor, PLS 7148



FUNCTIONS

Administration & Business Services
Airports
Engineering
Land Improvement
Roads and Bridges
Landfills

COUNTY OF MENDOCINO DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CALIFORNIA 95482-9432
VOICE (707) 463-4363 FAX (707) 463-5474

Prepared By: Howard N. Dashiell, Director of Transportation
William E. Wood, Senior Engineering Technician

Traffic Study Numbers 20-01, 02, 03: SPEED ZONE STUDIES ON BOICE LANE AND PEARL DRIVE, COUNTY ROADS 413 AND 412A, EAST OF THE INTERSECTION WITH HIGHWAY 1 (FORT BRAGG AREA).

BACKGROUND

In response to a request from the residents along Boice Lane, County Road (CR) 413, and Pearl Drive, CR 412A, Traffic Study Numbers (No.) 20-01, 02, and 03, Engineering and Traffic Studies for speed zoning, were undertaken on Boice Lane, CR 413, at mile posts (MP) 0.30 and MP 0.72, and on Pearl Drive, CR 412A, at MP 0.21, in January of 2020. The Mendocino County Board of Supervisors has not previously adopted a prima facie speed limit for the subject sections of road and therefore they are subject to the State's 55 miles per hour (MPH) maximum speed law: "*The maximum speed limit per California Vehicle Code 2015, section 22349. (a) Except as provided in Section 22356, no person may drive a vehicle upon a highway at a speed greater than 65 miles per hour. (b) Notwithstanding any other provision of law, no person may drive a vehicle upon a two-lane, undivided highway at a speed greater than 55 miles per hour...*" The residents seek to have the County of Mendocino Department of Transportation decrease the speed limit in conformance with the California Manual of Uniform Traffic Control Devices (CA MUTCD) requirements.

For prima facie speed limits to be legally enforceable on any road with a functional classification other than local road, the California Vehicle Code (CVC) requires that they must be:

1. Determined on the basis of an Engineering and Traffic Survey, (E&TS); and
2. Adopted by Ordinance; and
3. Posted

Failure to meet any one of the three of the preceding requirements will result in the creation of an unenforceable speed trap as defined by the CVC. Section 627 of the CVC further requires that an ET&S shall include consideration of the following:

1. Prevailing speeds determined by traffic engineering measurements
2. Collision records
3. Highway, traffic, and roadside conditions not readily apparent to the driver

Unless conditions not readily apparent to the driver are found to exist and are properly documented, the CA MUTCD requires that the speed limit, unless otherwise warranted, shall be established at the 5 MPH increment closest to the prevailing (85th percentile) speed.

ROAD DATA

Functional Class: Local Residential

Posted Speed Limits: None

Adjacent Land Uses: Scattered residences

Geometry: Boice Lane, CR 413, is an divided rural roadway which runs East/West then has a 90 degree turn, after which runs North/South. Pearl Drive, CR 412A, is an East/West divided rural roadway which connects the East/West section of Boice Lane to Highway 1.

Lane Widths: 11 feet

Edge lines: None

ADT-2020: 78 @ Boice Lane, MP 0.30

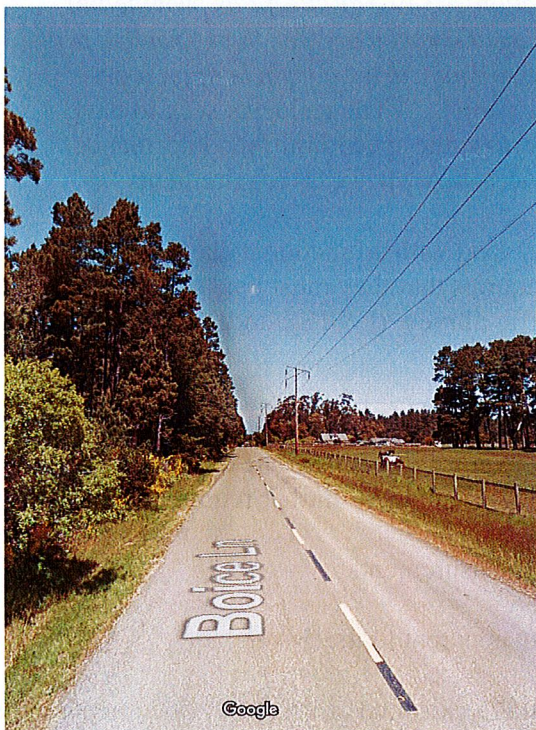
321 @ Boice Lane, MP 0.72

324 @ Pearl Drive, MP 0.21

Comments: Not a residential or business district as defined by the California Vehicle Code.



Westward view on Boice Lane (MP 0.30)



Northward view on Boice Lane (MP 0.72)



Westward view on Pearl Drive (MP 0.21)

Prevailing Speed

During January 2020, radar speed surveys were performed on Boice Lane, CR 413, and Pearl Drive, CR 412A. Seven days of free-flowing traffic were encountered and measured. The results may be found below in Table 1, and the detailed survey for each stretch of road may be found in Appendix A, Exhibits A-C.

Table 1: Results of Traffic Studies 20-01, 02, and 03

Road	Direction	MP	Survey Date	Start Time	Prevailing speed (85 th Percentile)	Pace (%)	High	Low
Boice Lane	East/ West	0.30	1/7/2020	01:00 pm	38 MPH	26-35 (59.5 %)	51-55	16-20
Boice Lane	North/ South	0.72	1/7/2020	01:00 pm	43 MPH	31-40 (57.5 %)	76-999	9-18
Pearl Drive	East/ West	0.21	1/7/2020	01:00 pm	36 MPH	25-35 (65.3 %)	56-60	1-10

Collision Records

The County's database for Boice Lane, CR 413, extends back to 1999. There have been 7 accidents on this road in the past 20 years. Of the 7 accidents, 5 of them occurred on the stretch of road from MP 0.00 to MP 0.40, while 2 occurred on the second stretch of road. A detailed summary of all reported accidents on Boice Lane, CR 413, is found in Appendix B. The County's database for Pearl Drive, CR 412A, contains no accidents. There have been no accidents on this road in the recorded database.

Unapparent Conditions

On each of the stretches of road, the presence of any conditions not readily apparent to the driver would be evidenced in the collision records or in recurring damage to roadside features. There is no indication such conditions exist.

ANALYSIS

The northern end of Boice Lane, CR 413, is a straight road that is a residential area with vehicles entering and exiting residences. Just east of Highway 1, there are approximately 27 driveways encroaching on this one and quarter mile stretch of Boice Lane, CR 413. However, most of the homes are setback more than 75 feet from the roadway. The southern end of Boice Lane, CR 413, (north of Pearl Drive) is a straight road, with one intersecting local residential road and with all houses widely separated and well back from the road. There are no roadside conditions that are not readily apparent to the driver. No portion of Boice Lane qualifies as a residential district under Sections 515 and 240 of the CVC. The western end of Pearl Drive, CR 412A, connecting Boice Lane to State Highway 1, is a primary straight road, with some sweeping turns with limited visibility, with very light grades. Pearl Drive is a residential area with vehicles entering and exiting private residences. There are approximately 21 driveways encroaching on this half mile stretch of Pearl Drive, CR 412A, though most are setback more than 75 feet from the roadway.

Currently, Boice Lane, CR 413, and Pearl Drive, CR 412A, both have no posted speed limits and are therefore subject to the State's 55 MPH maximum speed law. There are no roadside conditions that are not readily apparent to the driver. No portion of these roads qualify as a residential district under

Sections 515 and 240 of the CVC. Appendix C illustrates a pictorial representation of the speed zone study area.

Mendocino County Code Sec. 15.04.040 governs speed limit changes and charges the County Road Commissioner with determining an application meritorious. Typically, the Road Commissioner's decision as to merit is based on many factors including but not limited to majority of community support (citizen petition), support of public safety agencies (California Highway Patrol – CHP), meeting the CA MUTCD and Caltrans Traffic Manual Policies and Warrants for establishing speed limits. Based on information collected on a recent radar speed survey, traffic volumes on Boice Lane, CR 413, are light, calculated to be on average 78 vehicles per day. On the southern end, traffic volumes were calculated to be on average, 321 vehicles per day and rarely exceeding 20 vehicles per hour. The average traffic volume on Pearl Drive, CR 412A was found to be 324 vehicles.

A strict interpretation of CA MUTCD and Caltrans Traffic Manual Policies and Warrants for where to establish speed limits would indicate these sections of road do not merit a speed zone change. Furthermore, the initial resources (80 to 100 staff hours) needed to establish the ordinance and the ongoing requirement to keep 5 year current radar surveys on file for the court, would not be justified given the accident record, the volume of traffic and lack of aggressive drivers (very few top speeds above 55 MPH on any of the road). Nevertheless, the County Road Commissioner will supersede some normal warrants in light of practical enforcement considerations and find this Speed Zone Change application meritorious and direct that this speed zone engineering study be prepared and submitted per CVC requirements.

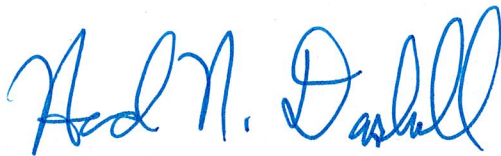
On the first stretch of Boice Lane, from 0.00 to 0.40, the 85th percentile speed was found to be 38 MPH in both directions; this is to be rounded to 35 MPH per the CA MUTCD to establish a valid, enforceable speed zone per the CVC requirements. According to Section 2B.13 (12a) of the CA MUTCD, *"When a speed limit is to be posted, it shall be established at the nearest 5 mph increment of the 85th percentile speed of free-flowing traffic, except... [f]or cases in which the nearest 5 mph increment of the 85th percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5 mph increment below the 85th percentile speed, if no further reduction is used"*. In this case, given the number of driveways and houses, as well as the request from the residents, it is valid to round down. On the second stretch of Boice Lane, MP 0.40 to MP 1.26, the 85th percentile speed was found to be 43 MPH in both directions. Per the CA MUTCD, this is to be rounded to 45 MPH. On Pearl Drive, from MP 0.00 to 0.56, the 85th percentile speed was found to be 36 MPH in both directions. This is to be rounded to 35 MPH per the CA MUTCD.

Drivers are influenced more by the appearance of the roadway itself and the prevailing conditions than by the posted speed limit. National research confirms what has been observed in Mendocino County, which is that lowering or raising speed limits has no predictable effect on actual travel speeds; they remain essentially unchanged. The only effect on traffic of establishing a prima facie speed limit is to enable patrol officers to use radar speed enforcement.

RECOMMENDATION

Under Mendocino County Code Section 15.04.040 the Road Commissioner has found this speed zone change request meritorious for these two stretches of Boice Lane, CR 413, from 0.00 to 0.40 and from 0.40 to 1.26, as well as the half mile stretch of Pearl Drive, CR 412A. Please refer to Appendix C, which demonstrates the proposed 85th percentile speed zone is valid per CVC for each portion of road.

Accepted and approved by:



Howard N. Dashiell, Director of Transportation

2-24-20

Date



APPENDIX A
EXHIBIT A

TRAFFIC VELOCITY AND VOLUME STATISTICS

BOICE LANE MP 0.30

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.30
 Latitude: 39° 24.0800 North
 Longitude: 123° 48.3367 West

East, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/07/20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	2	2	7	9	18	7	0	0	0	0	0	0	0	0	45	26-35	27
14:00	0	2	3	8	20	5	2	0	0	0	0	0	0	0	40	26-35	28
15:00	0	2	2	12	13	12	0	2	0	0	0	0	0	0	43	26-35	25
16:00	0	2	7	6	7	3	0	0	0	0	0	0	0	0	25	21-30	13
17:00	0	0	3	3	8	1	0	0	0	0	0	0	0	0	15	26-35	11
18:00	0	0	0	4	4	2	0	0	0	0	0	0	0	0	10	26-35	8
19:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	20-29	2
20:00	0	0	0	2	0	0	1	0	0	0	0	0	0	0	3	20-29	2
21:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	29-38	2
22:00	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	29-38	2
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
Total	2	8	23	46	73	32	4	2	0	0	0	0	0	0	190		
Percent AM Peak Vol.	1.1%	4.2%	12.1%	24.2%	38.4%	16.8%	2.1%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
PM Peak Vol.	13:00 2	13:00 2	13:00 7	15:00 12	14:00 20	15:00 12	14:00 2	15:00 2							13:00 45		

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Boice Lane
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 Site Code: C.R. 413
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 Longitude: 123° 48.3367 West

East, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/09/20	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	39-48	1
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	34-43	1
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	*	*
05:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
06:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	19-28	1
07:00	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	19-28	1
08:00	0	0	0	4	3	0	0	0	0	0	0	0	0	0	7	26-35	7
09:00	0	0	0	3	0	1	0	0	0	0	0	0	0	0	4	21-30	3
10:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3	30-39	3
11:00	0	0	0	1	3	0	0	0	0	0	0	0	0	0	4	26-35	4
12 PM	0	0	0	2	1	2	0	0	1	0	0	0	0	0	6	31-40	3
13:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	20-29	2
14:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3	24-33	2
15:00	0	0	2	0	3	2	0	0	0	0	0	0	0	0	7	31-40	5
16:00	0	0	0	0	2	3	0	0	0	0	0	0	0	0	5	31-40	5
17:00	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	26-35	4
18:00	0	0	0	1	3	2	0	0	0	0	0	0	0	0	6	29-38	5
19:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	30-39	2
20:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1
21:00	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	9-18	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	0	1	2	16	22	19	2	1	1	0	0	0	0	0	64		
Percent	0.0%	1.6%	3.1%	25.0%	34.4%	29.7%	3.1%	1.6%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak				08:00	08:00	10:00	01:00	00:00							08:00		
Vol.				4	3	2	1	1							7		
PM Peak		21:00	15:00	12:00	17:00	16:00			12:00						15:00		
Vol.		1	2	2	4	3			1						7		

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Longitude: 123' 48.3367 West

[illegible]

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East, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/11/20	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	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	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	0	0	0	0	*	*
08:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	30-39	2
09:00	0	0	0	1	0	1	1	0	0	0	0	0	0	0	3	34-43	2
10:00	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	29-38	2
11:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	4	9-18	1
12 PM	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3	24-33	2
13:00	0	0	1	1	0	2	0	0	0	0	0	0	0	0	4	19-28	2
14:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	25-34	2
15:00	0	0	1	1	2	1	0	0	1	0	0	0	0	0	6	31-40	3
16:00	0	1	0	1	2	0	1	0	0	0	0	0	0	0	5	26-35	3
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
18:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
19:00	0	0	0	0	2	0	1	1	0	0	0	0	0	0	4	25-34	2
20:00	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2	19-28	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	24-33	1
23:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	25-34	2
Total	0	2	4	6	15	8	4	2	1	1	0	0	0	0	43		
Percent	0.0%	4.7%	9.3%	14.0%	34.9%	18.6%	9.3%	4.7%	2.3%	2.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak		11:00	10:00	09:00	10:00	08:00	09:00	11:00							11:00		
Vol.		1	1	1	1	2	1	1							4		
PM Peak		16:00	12:00	13:00	12:00	13:00	16:00	19:00	15:00	20:00					15:00		
Vol.		1	1	1	2	2	1	1	1	1					6		

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Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/14/20	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
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	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3	29-38	2
07:00	0	0	0	1	0	1	1	0	0	0	0	0	0	0	3	34-43	2
08:00	0	1	1	1	0	4	0	0	0	0	0	0	0	0	7	31-40	4
09:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	1	1	3	2	6	1	0	1	0	0	0	0	0	15		
Percent	0.0%	6.7%	6.7%	20.0%	13.3%	40.0%	6.7%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		08:00	08:00	07:00	00:00	08:00	07:00		06:00						08:00		
Vol.		1	1	1	1	4	1		1						7		
PM Peak																	
Vol.																	
Total	3	18	44	128	189	103	34	10	3	1	0	0	0	0	533		
Percent	0.6%	3.4%	8.3%	24.0%	35.5%	19.3%	6.4%	1.9%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 25 MPH
50th Percentile : 31 MPH
85th Percentile : 38 MPH
95th Percentile : 43 MPH

Stats 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 317
 Percent in Pace : 59.5%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.2%
Mean Speed(Average) : 32 MPH

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.30
 Latitude: 39° 24.0800 North
 Longitude: 123° 48.3367 West

Start Time	06-Jan-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	East	South	East	South	East	South	East	South	East	South	East	South	East	South	East	South
12:00 AM	*	*	*	*	0	0	0	1	0	1	0	0	0	0	0	0
01:00	*	*	*	*	1	0	1	0	0	0	0	0	0	0	0	0
02:00	*	*	*	*	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
04:00	*	*	*	*	0	2	0	0	0	0	0	0	0	0	0	0
05:00	*	*	*	*	0	1	1	1	0	2	0	0	0	0	0	1
06:00	*	*	*	*	1	2	2	0	0	0	0	0	0	0	1	0
07:00	*	*	*	*	0	6	1	1	0	3	0	0	0	0	0	2
08:00	*	*	*	*	3	1	5	2	0	2	0	2	2	0	2	1
09:00	*	*	*	*	2	2	2	2	2	2	2	1	1	1	2	2
10:00	*	*	*	*	1	2	0	3	3	0	1	2	1	0	1	1
11:00	*	*	*	*	2	4	3	1	0	1	1	3	2	3	2	2
12:00 PM	*	*	*	*	3	0	3	3	0	1	2	1	2	1	2	1
01:00	*	*	26	19	5	2	0	2	3	2	1	3	1	1	6	5
02:00	*	*	20	20	7	6	1	2	0	2	2	0	1	1	5	5
03:00	*	*	21	22	4	6	5	2	5	2	2	4	2	0	6	6
04:00	*	*	14	11	4	4	2	3	3	5	3	2	0	0	4	4
05:00	*	*	9	6	5	4	3	1	6	0	0	0	2	0	4	2
06:00	*	*	5	5	4	2	3	3	1	1	1	0	1	1	2	2
07:00	*	*	2	0	2	1	1	1	0	1	3	1	1	3	2	1
08:00	*	*	2	1	0	1	0	1	3	0	1	1	0	0	1	1
09:00	*	*	3	0	3	1	1	1	1	0	0	0	0	0	1	0
10:00	*	*	2	1	0	0	0	0	1	1	1	1	2	0	1	0
11:00	*	*	1	0	0	0	0	0	0	0	1	1	0	0	0	0
Lane	0	0	105	85	47	47	34	30	28	26	21	22	18	11	42	36
Day	0		190		94		64		54		43		29		78	
AM Peak	-	-	-	-	08:00	07:00	08:00	10:00	10:00	07:00	09:00	11:00	08:00	11:00	08:00	07:00
Vol.	-	-	-	-	3	6	5	3	3	3	2	3	2	3	2	2
PM Peak	-	-	13:00	15:00	14:00	14:00	15:00	12:00	17:00	16:00	16:00	15:00	12:00	19:00	13:00	15:00
Vol.	-	-	26	22	7	6	5	3	6	5	3	4	2	3	6	6

COUNTY OF MENDOCINO DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CA 95482
VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
Fort Bragg
Site Code: C.R. 413
Station ID: M.P. 0.30
Latitude: 39° 24.0800 North
Longitude: 123° 48.3367 West

Start Time	13-Jan-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	East	South	East	South	East	South	East	South	East	South	East	South	East	South	East	South
12:00 AM	0	0	0	1	*	*	*	*	*	*	*	*	*	*	0	0
01:00	0	0	0	0	*	*	*	*	*	*	*	*	*	*	0	0
02:00	0	0	0	0	*	*	*	*	*	*	*	*	*	*	0	0
03:00	0	0	0	0	*	*	*	*	*	*	*	*	*	*	0	0
04:00	0	0	0	0	*	*	*	*	*	*	*	*	*	*	0	0
05:00	0	1	0	0	*	*	*	*	*	*	*	*	*	*	0	0
06:00	0	0	0	3	*	*	*	*	*	*	*	*	*	*	0	2
07:00	0	3	0	3	*	*	*	*	*	*	*	*	*	*	0	3
08:00	1	2	4	3	*	*	*	*	*	*	*	*	*	*	2	2
09:00	2	1	1	0	*	*	*	*	*	*	*	*	*	*	2	0
10:00	3	2	*	*	*	*	*	*	*	*	*	*	*	*	3	2
11:00	1	0	*	*	*	*	*	*	*	*	*	*	*	*	1	0
12:00 PM	3	0	*	*	*	*	*	*	*	*	*	*	*	*	3	0
01:00	3	0	*	*	*	*	*	*	*	*	*	*	*	*	3	0
02:00	3	3	*	*	*	*	*	*	*	*	*	*	*	*	3	3
03:00	1	3	*	*	*	*	*	*	*	*	*	*	*	*	1	3
04:00	1	1	*	*	*	*	*	*	*	*	*	*	*	*	1	1
05:00	5	2	*	*	*	*	*	*	*	*	*	*	*	*	5	2
06:00	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0
07:00	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0
08:00	0	1	*	*	*	*	*	*	*	*	*	*	*	*	0	1
09:00	0	1	*	*	*	*	*	*	*	*	*	*	*	*	0	1
10:00	0	1	*	*	*	*	*	*	*	*	*	*	*	*	0	1
11:00	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0
Lane	23	21	5	10	0	0	0	0	0	0	0	0	0	0	24	21
Day	44		15		0		0		0		0		0		45	
AM Peak	10:00	07:00	08:00	06:00	-	-	-	-	-	-	-	-	-	-	10:00	07:00
Vol.	3	3	4	3	-	-	-	-	-	-	-	-	-	-	3	3
PM Peak	17:00	14:00	-	-	-	-	-	-	-	-	-	-	-	-	17:00	14:00
Vol.	5	3	-	-	-	-	-	-	-	-	-	-	-	-	5	3

Comb. Total	44	205	94	64	54	43	29	123
ADT	ADT 78	AADT 78						

APPENDIX A
EXHIBIT B

TRAFFIC VELOCITY AND VOLUME STATISTICS

BOICE LANE MP 0.72

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.72
 Latitude: 39° 23.8033 North
 Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/07/20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	0	0	6	16	9	4	0	0	0	0	0	0	0	35	31-40	25
14:00	1	0	2	4	7	12	3	1	1	0	0	0	0	0	31	31-40	19
15:00	0	0	0	1	7	11	5	2	0	0	0	0	0	0	26	31-40	18
16:00	2	0	1	2	14	6	5	0	0	0	0	0	0	0	30	31-40	20
17:00	1	0	1	1	10	7	1	3	0	0	0	0	0	0	24	31-40	17
18:00	0	0	0	2	11	3	0	0	0	0	0	0	0	0	16	31-40	14
19:00	0	0	0	2	2	4	0	0	0	0	0	0	0	0	8	30-39	6
20:00	0	0	0	1	3	1	2	1	0	0	1	0	0	0	9	31-40	4
21:00	0	0	0	1	0	3	1	0	0	0	0	0	0	0	5	36-45	4
22:00	0	0	0	0	1	1	0	2	0	0	0	0	0	0	4	29-38	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	4	0	4	20	71	57	21	9	1	0	1	0	0	0	188		
Percent	2.1%	0.0%	2.1%	10.6%	37.8%	30.3%	11.2%	4.8%	0.5%	0.0%	0.5%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	16:00 2		14:00 2	13:00 6	13:00 16	14:00 12	15:00 5	17:00 3	14:00 1		20:00 1				13:00 35		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.72
 Latitude: 39° 23.8033 North
 Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/08/20	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	*	*
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
06:00	0	0	0	0	0	2	4	0	1	0	0	0	0	0	7	36-45	6
07:00	0	1	0	3	4	7	2	0	0	0	0	0	0	0	17	31-40	11
08:00	2	0	1	3	4	11	3	2	1	0	0	0	0	0	27	31-40	15
09:00	0	0	0	2	6	10	6	3	0	0	0	0	0	0	27	31-40	16
10:00	0	0	0	3	10	10	3	3	0	0	0	0	0	0	29	31-40	20
11:00	0	0	1	2	7	10	4	0	1	0	0	0	0	0	25	31-40	17
12 PM	0	0	4	5	4	9	2	3	0	1	0	0	0	0	28	31-40	13
13:00	2	0	1	7	6	10	6	2	0	0	0	0	0	0	34	31-40	16
14:00	0	0	2	1	6	11	7	3	1	0	0	0	0	0	31	34-43	18
15:00	1	0	2	5	9	3	5	1	0	0	0	1	0	0	27	26-35	14
16:00	0	0	2	3	5	10	4	4	1	0	0	0	0	0	29	31-40	15
17:00	2	0	0	3	6	13	3	0	0	0	0	0	0	0	27	31-40	19
18:00	0	0	0	1	8	7	4	2	1	0	0	0	0	0	23	31-40	15
19:00	0	0	1	0	7	2	1	0	0	0	0	0	0	0	11	31-40	9
20:00	0	0	0	1	7	3	1	0	0	0	0	0	0	0	12	30-39	10
21:00	0	0	0	0	1	5	4	2	0	1	0	0	0	0	13	36-45	9
22:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	44-53	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	7	1	14	39	91	123	59	26	7	2	0	1	0	0	370		
Percent	1.9%	0.3%	3.8%	10.5%	24.6%	33.2%	15.9%	7.0%	1.9%	0.5%	0.0%	0.3%	0.0%	0.0%			
AM Peak	08:00	07:00	08:00	07:00	10:00	08:00	09:00	09:00	06:00						10:00		
Vol.	2	1	1	3	10	11	6	3	1						29		
PM Peak	13:00		12:00	13:00	15:00	17:00	14:00	16:00	14:00	12:00		15:00			13:00		
Vol.	2		4	7	9	13	7	4	1	1		1			34		

COUNTY OF MENDOCINO

DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CA 95482
VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
Fort Bragg
Site Code: C.R. 413
Station ID: M.P. 0.72
Latitude: 39° 23.8033 North
Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/09/20	0	0	1	0	1	0	2	0	0	0	0	1	0	0	5	41-50	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	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
05:00	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3	25-34	2
06:00	0	0	0	1	1	4	2	0	1	0	0	0	0	0	9	36-45	6
07:00	0	0	0	2	5	8	0	0	0	0	0	0	0	0	15	31-40	13
08:00	0	0	0	5	9	4	6	1	0	1	0	0	0	0	26	26-35	14
09:00	0	0	0	1	11	6	3	1	0	0	0	0	0	0	22	31-40	17
10:00	1	0	0	6	7	5	2	0	2	0	0	0	0	0	23	26-35	13
11:00	0	0	0	4	7	5	3	2	1	0	0	0	0	0	22	29-38	12
12 PM	0	0	0	1	9	9	4	2	0	1	0	0	0	0	26	31-40	18
13:00	2	0	2	6	9	8	7	0	1	0	0	0	0	0	35	30-39	17
14:00	0	0	1	3	1	10	5	0	1	0	0	0	0	0	21	36-45	15
15:00	1	0	1	2	12	8	3	0	1	0	0	0	0	0	28	31-40	20
16:00	0	0	1	2	8	12	6	1	0	0	0	0	0	0	30	31-40	20
17:00	0	1	1	3	6	7	3	2	0	0	1	0	0	0	24	31-40	13
18:00	0	0	0	1	4	7	0	2	3	0	0	0	0	0	17	31-40	11
19:00	0	0	0	1	3	2	2	1	0	0	0	0	0	0	9	31-40	5
20:00	0	0	0	1	0	1	1	3	2	0	1	0	0	0	9	46-55	5
21:00	0	0	0	1	0	2	1	2	0	0	0	0	0	0	6	34-43	3
22:00	0	0	0	0	3	2	2	0	0	0	1	0	0	0	8	31-40	5
23:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	34-43	2
Total	4	1	7	40	99	101	54	17	12	2	3	1	0	0	341		
Percent	1.2%	0.3%	2.1%	11.7%	29.0%	29.6%	15.8%	5.0%	3.5%	0.6%	0.9%	0.3%	0.0%	0.0%			
AM Peak	10:00		00:00	10:00	09:00	07:00	08:00	11:00	10:00	08:00		00:00			08:00		
Vol.	1		1	6	11	8	6	2	2	1		1			26		
PM Peak	13:00	17:00	13:00	13:00	15:00	16:00	13:00	20:00	18:00	12:00	17:00				13:00		
Vol.	2	1	2	6	12	12	7	3	3	1	1				35		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

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Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.72
 Latitude: 39° 23.8033 North
 Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/10/20	0	0	0	1	1	1	1	0	0	0	0	0	0	0	4	24-33	2
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
06:00	0	0	0	0	0	4	2	0	0	0	0	0	0	0	6	35-44	6
07:00	0	0	0	6	1	10	5	1	0	0	0	0	0	0	23	36-45	15
08:00	0	0	1	2	11	9	2	4	0	0	0	0	0	0	29	31-40	20
09:00	1	0	4	1	7	9	8	6	0	0	0	0	0	0	36	36-45	17
10:00	0	0	0	0	11	6	2	0	0	0	0	0	0	0	19	31-40	17
11:00	0	0	0	0	7	5	7	1	0	0	0	0	0	0	20	31-40	12
12 PM	0	1	1	2	8	7	1	1	0	0	1	1	0	0	23	31-40	15
13:00	0	0	4	1	11	11	8	2	0	0	0	0	0	0	37	31-40	22
14:00	0	0	1	0	3	9	2	1	1	0	0	0	0	0	17	31-40	12
15:00	2	0	1	4	6	10	4	1	2	2	0	0	0	0	32	31-40	16
16:00	1	1	1	1	9	13	10	6	0	0	0	0	0	0	42	34-43	23
17:00	0	0	0	0	3	9	5	0	1	1	0	0	0	1	20	35-44	14
18:00	0	0	0	1	7	8	3	1	0	0	0	0	0	0	20	31-40	15
19:00	0	0	0	0	6	6	3	0	0	0	0	0	0	0	15	31-40	12
20:00	0	0	1	1	5	4	3	1	0	0	0	0	0	0	15	31-40	9
21:00	0	0	0	2	2	3	3	0	0	0	0	0	0	0	10	34-43	6
22:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	29-38	2
23:00	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4	35-44	3
Total	4	2	14	24	101	127	72	26	4	3	1	1	0	1	380		
Percent	1.1%	0.5%	3.7%	6.3%	26.6%	33.4%	18.9%	6.8%	1.1%	0.8%	0.3%	0.3%	0.0%	0.3%			
AM Peak	09:00		09:00	07:00	08:00	07:00	09:00	09:00							09:00		
Vol.	1		4	6	11	10	8	6							36		
PM Peak	15:00	12:00	13:00	15:00	13:00	16:00	16:00	16:00	15:00	15:00	12:00	12:00		17:00	16:00		
Vol.	2	1	4	4	11	13	10	6	2	2	1	1		1	42		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.72
 Latitude: 39° 23.8033 North
 Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/11/20	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	34-43	2
01:00	0	0	2	0	0	0	0	0	0	1	0	1	0	0	4	15-24	2
02:00	10	1	3	0	0	0	0	0	0	0	0	0	0	0	14	1-10	7
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	1	2	1	1	0	0	0	0	0	0	0	0	5	26-35	3
08:00	0	0	0	1	2	2	4	0	0	0	0	0	0	0	9	35-44	6
09:00	1	0	0	1	4	2	1	2	0	0	0	0	0	0	11	31-40	6
10:00	0	0	0	2	1	7	2	3	1	0	0	0	0	0	16	34-43	9
11:00	0	0	0	0	6	7	3	3	0	0	0	0	0	0	19	31-40	13
12 PM	0	0	0	2	5	6	12	0	0	0	0	0	0	0	25	36-45	18
13:00	1	1	0	2	7	8	3	2	0	0	0	0	0	0	24	31-40	15
14:00	1	0	0	1	4	8	6	0	2	0	0	0	0	0	22	35-44	14
15:00	1	0	0	1	6	8	4	2	0	0	0	0	0	0	22	31-40	14
16:00	0	0	1	1	5	7	3	1	0	0	0	0	0	0	18	31-40	12
17:00	0	0	0	2	7	4	3	1	0	0	0	0	0	0	17	30-39	11
18:00	0	0	0	2	6	7	2	0	0	0	0	0	0	0	17	31-40	13
19:00	0	0	0	1	3	3	1	1	0	0	0	0	0	0	9	31-40	6
20:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	29-38	2
21:00	0	0	0	0	1	0	1	1	0	0	0	0	0	0	3	39-48	2
22:00	0	0	1	0	1	1	1	0	0	0	1	0	0	0	5	36-45	2
23:00	0	0	0	0	2	1	0	0	1	0	0	0	0	0	4	29-38	3
Total	14	2	8	18	63	75	48	16	4	1	1	1	0	0	251		
Percent	5.6%	0.8%	3.2%	7.2%	25.1%	29.9%	19.1%	6.4%	1.6%	0.4%	0.4%	0.4%	0.0%	0.0%			
AM Peak	02:00	02:00	02:00	07:00	11:00	10:00	08:00	10:00	10:00	01:00		01:00			11:00		
Vol.	10	1	3	2	6	7	4	3	1	1		1			19		
PM Peak	13:00	13:00	16:00	12:00	13:00	13:00	12:00	13:00	14:00		22:00				12:00		
Vol.	1	1	1	2	7	8	12	2	2		1				25		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.72
 Latitude: 39° 23.8033 North
 Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/12/20	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	24-33	2
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	34-43	1
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	34-43	1
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	34-43	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	9-18	1
07:00	0	0	0	1	0	2	1	0	0	0	0	0	0	0	4	34-43	3
08:00	0	0	0	2	3	2	3	1	0	0	0	0	0	0	11	33-42	5
09:00	1	0	0	4	3	4	1	2	0	0	0	0	0	0	15	31-40	7
10:00	0	0	0	1	3	5	5	3	0	0	0	0	0	0	17	35-44	10
11:00	0	0	0	1	3	4	4	3	0	0	0	0	0	0	15	34-43	8
12 PM	1	0	0	1	1	8	3	1	0	0	0	0	0	0	15	36-45	11
13:00	0	1	0	2	10	7	2	2	0	0	0	0	0	0	24	31-40	17
14:00	0	0	2	4	4	4	3	1	0	0	0	0	0	0	18	25-34	8
15:00	0	0	0	1	2	7	4	0	1	0	0	0	0	0	15	36-45	11
16:00	0	0	1	1	4	7	2	2	0	0	0	0	0	0	17	31-40	11
17:00	0	0	0	0	8	13	6	0	0	0	0	0	0	0	27	31-40	21
18:00	0	0	0	0	3	2	7	0	0	0	0	0	0	0	12	36-45	9
19:00	0	0	0	0	1	2	1	0	1	0	0	0	0	0	5	36-45	3
20:00	0	0	0	2	1	2	2	0	1	1	0	0	0	0	9	36-45	4
21:00	0	0	0	0	1	2	0	1	0	0	0	0	0	0	4	30-39	3
22:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0	4	19-28	2
23:00	0	0	0	0	0	1	1	1	2	0	0	0	0	0	5	44-53	3
Total	4	2	4	22	49	74	48	17	5	1	0	0	0	0	226		
Percent	1.8%	0.9%	1.8%	9.7%	21.7%	32.7%	21.2%	7.5%	2.2%	0.4%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	06:00		09:00	08:00	10:00	10:00	10:00							10:00		
Vol.	1	1		4	3	5	5	3							17		
PM Peak	22:00	13:00	14:00	14:00	13:00	17:00	18:00	13:00	23:00	20:00					17:00		
Vol.	2	1	2	4	10	13	7	2	2	1					27		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.72
 Latitude: 39° 23.8033 North
 Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/13/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	34-43	1
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	34-43	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	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	0	1	1	0	1	0	0	0	0	0	0	4	29-38	2
06:00	0	0	0	0	1	6	2	1	0	0	0	1	0	0	11	36-45	8
07:00	0	0	0	4	1	9	2	2	0	0	0	0	0	0	18	34-43	11
08:00	0	0	0	3	3	9	4	1	0	0	0	0	0	0	20	34-43	13
09:00	4	0	1	4	0	3	8	3	1	1	0	0	0	0	25	36-45	11
10:00	0	0	0	1	7	8	3	1	1	2	0	0	0	0	23	31-40	15
11:00	0	0	0	2	6	10	10	5	2	0	0	0	0	0	35	36-45	20
12 PM	1	0	0	4	6	8	4	5	1	0	0	0	0	0	29	31-40	14
13:00	0	0	1	4	5	4	7	4	0	0	0	0	0	0	25	41-50	11
14:00	0	0	0	0	6	4	6	2	2	0	0	0	0	0	20	36-45	10
15:00	0	0	0	3	6	10	8	2	0	0	0	0	0	0	29	36-45	18
16:00	0	1	2	0	4	9	6	0	0	0	0	0	0	0	22	35-44	15
17:00	0	0	1	4	10	6	4	1	0	0	0	0	0	0	26	30-39	16
18:00	0	0	1	0	6	5	3	0	0	0	0	0	0	0	15	31-40	11
19:00	0	0	0	0	3	3	3	1	0	0	0	0	0	0	10	36-45	6
20:00	0	0	1	3	8	2	3	1	1	0	0	0	0	0	19	26-35	11
21:00	0	0	0	0	1	1	1	1	0	0	0	0	0	0	4	29-38	2
22:00	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	31-40	3
23:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	35-44	2
Total	5	1	8	32	74	101	78	31	8	3	0	1	0	0	342		
Percent	1.5%	0.3%	2.3%	9.4%	21.6%	29.5%	22.8%	9.1%	2.3%	0.9%	0.0%	0.3%	0.0%	0.0%			
AM Peak	09:00		05:00	07:00	10:00	11:00	11:00	11:00	11:00	10:00		06:00			11:00		
Vol.	4		1	4	7	10	10	5	2	2		1			35		
PM Peak	12:00	16:00	16:00	12:00	17:00	15:00	15:00	12:00	14:00						12:00		
Vol.	1	1	2	4	10	10	8	5	2						29		

COUNTY OF MENDOCINO DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CA 95482
VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
Fort Bragg
Site Code: C.R. 413
Station ID: M.P. 0.72
Latitude: 39° 23.8033 North
Longitude: 123° 48.0667 West

North, South

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
01/14/20	1	0	0	0	0	2	0	0	0	0	0	0	0	0	3	30-39	2
01:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	25-34	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
05:00	0	0	0	0	1	1	2	0	0	0	0	0	0	0	4	34-43	3
06:00	0	0	0	0	1	3	1	1	1	0	0	0	0	0	7	36-45	4
07:00	0	0	3	2	8	5	3	0	0	0	0	0	0	0	21	31-40	13
08:00	0	0	0	2	6	8	4	1	0	0	0	0	0	0	21	31-40	14
09:00	0	0	0	1	6	2	7	3	2	0	0	0	0	0	21	41-50	10
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	1	0	3	5	26	21	17	5	3	0	0	0	0	0	81		
Percent	1.2%	0.0%	3.7%	6.2%	32.1%	25.9%	21.0%	6.2%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	00:00		07:00	07:00	07:00	08:00	09:00	09:00	09:00						07:00		
Vol.	1		3	2	8	8	7	3	2						21		
PM Peak																	
Vol.																	
Total	43	9	62	200	574	679	397	147	44	12	6	5	0	1	2179		
Percent	2.0%	0.4%	2.8%	9.2%	26.3%	31.2%	18.2%	6.7%	2.0%	0.6%	0.3%	0.2%	0.0%	0.0%			

15th Percentile : 30 MPH
50th Percentile : 36 MPH
85th Percentile : 43 MPH
95th Percentile : 48 MPH

Stats
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 1253
Percent in Pace : 57.5%
Number of Vehicles > 55 MPH : 24
Percent of Vehicles > 55 MPH : 1.1%
Mean Speed(Average) : 37 MPH

COUNTY OF MENDOCINO DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CA 95482
VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
Fort Bragg
Site Code: C.R. 413
Station ID: M.P. 0.72
Latitude: 39° 23.8033 North
Longitude: 123° 48.0667 West

Start Time	06-Jan-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
12:00 AM	*	*	*	*	0	0	4	1	4	0	1	1	0	2	2	1
01:00	*	*	*	*	0	0	0	0	1	0	1	3	0	1	0	1
02:00	*	*	*	*	0	0	0	0	0	1	12	2	0	1	2	1
03:00	*	*	*	*	0	0	0	0	0	0	0	0	1	0	0	0
04:00	*	*	*	*	0	0	1	0	2	0	0	1	1	1	1	0
05:00	*	*	*	*	1	0	2	1	1	0	0	1	0	0	1	0
06:00	*	*	*	*	4	3	5	4	2	4	0	0	1	1	2	2
07:00	*	*	*	*	12	5	10	5	17	6	4	1	3	1	9	4
08:00	*	*	*	*	12	15	9	17	9	20	5	4	7	4	8	12
09:00	*	*	*	*	12	15	16	6	16	20	5	6	9	6	12	11
10:00	*	*	*	*	14	15	13	10	10	9	7	9	7	10	10	11
11:00	*	*	*	*	12	13	12	10	10	10	11	8	10	5	11	9
12:00 PM	*	*	*	*	12	16	16	10	13	10	12	13	5	10	12	12
01:00	*	*	13	22	14	20	15	20	20	17	7	17	12	12	14	18
02:00	*	*	17	14	16	15	12	9	11	6	10	12	8	10	12	11
03:00	*	*	11	15	17	10	12	16	13	19	13	9	7	8	12	13
04:00	*	*	14	16	9	20	16	14	17	25	6	12	7	10	12	16
05:00	*	*	7	17	8	19	5	19	8	12	8	9	10	17	8	16
06:00	*	*	4	12	14	9	7	10	11	9	9	8	4	8	8	9
07:00	*	*	3	5	6	5	3	6	7	8	4	5	2	3	4	5
08:00	*	*	2	7	6	6	5	4	7	8	1	2	5	4	4	5
09:00	*	*	2	3	3	10	1	5	3	7	1	2	2	2	2	5
10:00	*	*	2	2	2	0	3	5	0	3	2	3	0	4	2	3
11:00	*	*	0	0	0	0	0	2	2	2	2	2	3	2	1	1
Lane	0	0	75	113	174	196	167	174	184	196	121	130	104	122	149	166
Day	0		188		370		341		380		251		226		315	
AM Peak	-	-	-	-	10:00	08:00	09:00	08:00	07:00	08:00	02:00	10:00	11:00	10:00	09:00	08:00
Vol.	-	-	-	-	14	15	16	17	17	20	12	9	10	10	12	12
PM Peak	-	-	14:00	13:00	15:00	13:00	12:00	13:00	13:00	16:00	15:00	13:00	13:00	17:00	13:00	13:00
Vol.	-	-	17	22	17	20	16	20	20	25	13	17	12	17	14	18

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Boice Lane
 Fort Bragg
 Site Code: C.R. 413
 Station ID: M.P. 0.72
 Latitude: 39° 23.8033 North
 Longitude: 123° 48.0667 West

Start Time	13-Jan-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	North	South	North	South	North	South	North	South	North	South	North	South	North	South	North	South
12:00 AM	0	0	2	1	*	*	*	*	*	*	*	*	*	*	1	0
01:00	1	0	2	0	*	*	*	*	*	*	*	*	*	*	2	0
02:00	1	0	0	0	*	*	*	*	*	*	*	*	*	*	0	0
03:00	0	0	1	0	*	*	*	*	*	*	*	*	*	*	0	0
04:00	0	0	1	0	*	*	*	*	*	*	*	*	*	*	0	0
05:00	3	1	2	2	*	*	*	*	*	*	*	*	*	*	2	2
06:00	7	4	4	3	*	*	*	*	*	*	*	*	*	*	6	4
07:00	14	4	13	8	*	*	*	*	*	*	*	*	*	*	14	6
08:00	9	11	9	12	*	*	*	*	*	*	*	*	*	*	9	12
09:00	12	13	12	9	*	*	*	*	*	*	*	*	*	*	12	11
10:00	13	10	*	*	*	*	*	*	*	*	*	*	*	*	13	10
11:00	15	20	*	*	*	*	*	*	*	*	*	*	*	*	15	20
12:00 PM	15	14	*	*	*	*	*	*	*	*	*	*	*	*	15	14
01:00	16	9	*	*	*	*	*	*	*	*	*	*	*	*	16	9
02:00	9	11	*	*	*	*	*	*	*	*	*	*	*	*	9	11
03:00	13	16	*	*	*	*	*	*	*	*	*	*	*	*	13	16
04:00	12	10	*	*	*	*	*	*	*	*	*	*	*	*	12	10
05:00	9	17	*	*	*	*	*	*	*	*	*	*	*	*	9	17
06:00	4	11	*	*	*	*	*	*	*	*	*	*	*	*	4	11
07:00	4	6	*	*	*	*	*	*	*	*	*	*	*	*	4	6
08:00	7	12	*	*	*	*	*	*	*	*	*	*	*	*	7	12
09:00	3	1	*	*	*	*	*	*	*	*	*	*	*	*	3	1
10:00	2	1	*	*	*	*	*	*	*	*	*	*	*	*	2	1
11:00	0	2	*	*	*	*	*	*	*	*	*	*	*	*	0	2
Lane	169	173	46	35	0	0	0	0	0	0	0	0	0	0	168	175
Day	342		81		0		0		0		0		0		343	
AM Peak	11:00	11:00	07:00	08:00	-	-	-	-	-	-	-	-	-	-	11:00	11:00
Vol.	15	20	13	12	-	-	-	-	-	-	-	-	-	-	15	20
PM Peak	13:00	17:00	-	-	-	-	-	-	-	-	-	-	-	-	13:00	17:00
Vol.	16	17	-	-	-	-	-	-	-	-	-	-	-	-	16	17

Comb. Total	342	269	370	341	380	251	226	658
ADT	ADT 321	AADT 321						

APPENDIX A
EXHIBIT C

TRAFFIC VELOCITY AND VOLUME STATISTICS

PEARL DRIVE MP 0.21

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Pearl Drive
 Fort Bragg
 Site Code: C.R. 412A
 Station ID: M.P. 0.21
 Latitude: 39° 23.5517 North
 Longitude: 123° 48.4100 West

East, West	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
01/09/20	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	20-29	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1-10	3
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	14-23	1
05:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	24-33	3
06:00	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4	29-38	3
07:00	1	0	1	5	3	4	1	0	0	0	0	0	0	0	15	25-34	8
08:00	1	0	2	9	15	4	3	0	0	0	0	0	0	0	34	26-35	24
09:00	0	0	3	11	8	4	0	0	0	0	0	0	0	0	26	26-35	19
10:00	1	0	1	8	6	3	0	0	0	0	0	0	0	0	19	26-35	14
11:00	0	1	3	8	8	5	4	0	0	1	0	0	0	0	30	26-35	16
12 PM	0	1	2	8	10	3	4	0	0	0	0	0	0	0	28	26-35	18
13:00	0	0	10	6	11	2	2	0	0	1	0	0	0	0	32	24-33	17
14:00	0	0	3	8	9	3	1	0	0	0	0	0	0	0	24	26-35	17
15:00	1	1	3	12	15	4	0	0	0	0	0	0	0	0	36	26-35	27
16:00	0	1	3	9	8	2	1	1	0	0	0	0	0	0	25	26-35	17
17:00	1	1	6	11	10	3	1	0	0	0	0	0	0	0	33	26-35	21
18:00	0	0	5	17	5	3	0	0	0	0	0	0	0	0	30	21-30	22
19:00	0	1	1	5	1	0	0	0	0	0	0	0	0	0	8	21-30	6
20:00	0	0	1	1	4	2	0	0	0	0	0	0	0	0	8	29-38	6
21:00	0	0	3	1	1	0	0	0	0	0	0	0	0	0	5	21-30	4
22:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
23:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	24-33	2
Total	9	6	50	126	118	44	17	1	0	2	0	0	0	0	373		
Percent	2.4%	1.6%	13.4%	33.8%	31.6%	11.8%	4.6%	0.3%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%			
AM Peak	02:00	11:00	09:00	09:00	08:00	11:00	11:00			11:00					08:00		
Vol.	4	1	3	11	15	5	4			1					34		
PM Peak	15:00	12:00	13:00	18:00	15:00	15:00	12:00	16:00		13:00					15:00		
Vol.	1	1	10	17	15	4	4	1		1					36		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
 UKIAH, CA 95482
 VOICE (707) 463-4363 FAX (707) 463-5474

Pearl Drive
 Fort Bragg
 Site Code: C.R. 412A
 Station ID: M.P. 0.21
 Latitude: 39° 23.5517 North
 Longitude: 123° 48.4100 West

East, West	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
01/10/20	0	0	1	2	1	0	0	0	0	0	0	0	0	0	4	20-29	3
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	29-38	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	0	1	0	1	0	0	0	0	0	0	3	19-28	1
06:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	24-33	3
07:00	0	1	2	8	9	2	0	0	0	0	0	0	0	0	22	26-35	17
08:00	0	1	3	7	17	6	1	0	0	0	0	0	0	0	35	26-35	24
09:00	0	2	5	6	4	5	0	0	1	0	0	0	0	0	23	21-30	11
10:00	0	0	3	10	10	2	1	0	0	0	0	0	0	0	26	26-35	20
11:00	1	0	4	15	6	3	1	0	0	0	0	0	0	0	30	25-34	21
12 PM	1	1	6	13	13	8	0	0	0	0	0	0	0	0	42	26-35	26
13:00	0	1	3	12	16	4	1	0	0	0	0	0	0	0	37	26-35	28
14:00	1	1	8	7	9	3	0	0	0	0	0	0	0	0	29	26-35	16
15:00	1	0	2	4	8	4	1	1	0	0	0	0	0	0	21	26-35	12
16:00	0	1	2	6	12	5	0	0	0	0	0	0	0	0	26	26-35	18
17:00	0	1	3	3	7	4	0	0	0	0	0	0	0	0	18	31-40	11
18:00	0	2	4	10	4	3	0	0	1	0	0	0	0	0	24	21-30	14
19:00	0	0	0	4	5	3	0	0	0	0	0	0	0	0	12	26-35	9
20:00	0	1	3	3	0	1	0	0	0	0	0	0	0	0	8	21-30	6
21:00	0	0	2	5	5	2	1	0	0	0	0	0	0	0	15	26-35	10
22:00	0	2	1	0	1	1	1	0	0	0	0	0	0	0	6	16-25	3
23:00	0	0	1	2	1	1	0	0	0	0	0	0	0	0	5	26-35	3
Total	4	14	53	120	129	59	7	2	2	0	0	0	0	0	390		
Percent	1.0%	3.6%	13.6%	30.8%	33.1%	15.1%	1.8%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	09:00	09:00	11:00	08:00	08:00	08:00	05:00	09:00						08:00		
Vol.	1	2	5	15	17	6	1	1	1						35		
PM Peak	12:00	18:00	14:00	12:00	13:00	12:00	13:00	15:00	18:00						12:00		
Vol.	1	2	8	13	16	8	1	1	1						42		

COUNTY OF MENDOCINO DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CA 95482
VOICE (707) 463-4363 FAX (707) 463-5474

Pearl Drive
Fort Bragg
Site Code: C.R. 412A
Station ID: M.P. 0.21
Latitude: 39° 23.5517 North
Longitude: 123° 48.4100 West

East, West	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
01/14/20	0	0	0	1	1	3	0	0	0	0	0	0	0	0	5	30-39	4
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	1	0	0	0	0	0	0	0	0	0	1	24-33	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
06:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	24-33	2
07:00	0	1	1	8	4	5	0	0	0	0	0	0	0	0	19	26-35	12
08:00	0	0	3	13	13	3	1	0	0	0	0	0	0	0	33	26-35	26
09:00	0	0	1	6	9	5	0	0	0	0	0	0	0	0	21	26-35	15
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	1	5	29	30	17	1	0	0	0	0	0	0	0	83		
Percent	0.0%	1.2%	6.0%	34.9%	36.1%	20.5%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.		07:00	08:00	08:00	08:00	07:00	08:00								08:00		
		1	3	13	13	5	1								33		
PM Peak Vol.																	
Total	30	50	287	717	714	307	70	14	2	2	0	0	0	0	2193		
Percent	1.4%	2.3%	13.1%	32.7%	32.6%	14.0%	3.2%	0.6%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 24 MPH
50th Percentile : 30 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Stats
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 1431
Percent in Pace : 65.3%
Number of Vehicles > 55 MPH : 2
Percent of Vehicles > 55 MPH : 0.1%
Mean Speed(Average) : 31 MPH

COUNTY OF MENDOCINO DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CA 95482
VOICE (707) 463-4363 FAX (707) 463-5474

Pearl Drive
Fort Bragg
Site Code: C.R. 412A
Station ID: M.P. 0.21
Latitude: 39° 23.5517 North
Longitude: 123° 48.4100 West

Start Time	06-Jan-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	East	West	East	West	East	West	East	West	East	West	East	West	East	West	East	West
12:00 AM	*	*	*	*	0	0	2	1	2	2	1	2	1	1	1	1
01:00	*	*	*	*	1	1	0	0	0	0	2	1	0	0	1	0
02:00	*	*	*	*	0	2	0	4	0	0	0	0	0	1	0	1
03:00	*	*	*	*	0	0	0	0	0	1	0	0	0	0	0	0
04:00	*	*	*	*	0	0	1	1	0	0	0	0	1	1	0	0
05:00	*	*	*	*	0	2	1	2	1	2	1	1	0	1	1	2
06:00	*	*	*	*	1	2	1	3	0	3	0	2	1	1	1	2
07:00	*	*	*	*	5	8	4	11	10	12	1	2	0	1	4	7
08:00	*	*	*	*	8	23	15	19	17	18	7	8	1	4	10	14
09:00	*	*	*	*	4	15	6	20	7	16	5	13	6	6	6	14
10:00	*	*	*	*	5	9	11	8	9	17	10	17	7	15	8	13
11:00	*	*	*	*	8	12	14	16	15	15	4	13	9	15	10	14
12:00 PM	*	*	*	*	13	11	15	13	25	17	6	12	12	7	14	12
01:00	*	*	15	20	16	10	21	11	18	19	12	8	12	13	16	14
02:00	*	*	6	12	12	14	14	10	15	14	17	7	17	12	14	12
03:00	*	*	16	16	11	12	15	21	8	13	13	17	11	11	12	15
04:00	*	*	16	12	10	7	13	12	17	9	11	15	9	16	13	12
05:00	*	*	10	6	12	12	14	19	8	10	10	15	8	8	10	12
06:00	*	*	9	8	12	6	18	12	9	15	6	6	9	7	10	9
07:00	*	*	6	5	11	6	4	4	8	4	9	8	4	1	7	5
08:00	*	*	9	4	1	1	5	3	5	3	5	2	3	4	5	3
09:00	*	*	3	0	6	3	4	1	9	6	5	3	3	2	5	2
10:00	*	*	0	4	4	2	1	1	3	3	5	1	3	6	3	3
11:00	*	*	1	0	1	0	0	2	3	2	2	1	1	0	1	1
Lane	0	0	91	87	141	158	179	194	189	201	132	154	118	133	152	168
Day	0		178		299		373		390		286		251		320	
AM Peak	-	-	-	-	08:00	08:00	08:00	09:00	08:00	08:00	10:00	10:00	11:00	10:00	08:00	08:00
Vol.	-	-	-	-	8	23	15	20	17	18	10	17	9	15	10	14
PM Peak	-	-	15:00	13:00	13:00	14:00	13:00	15:00	12:00	13:00	14:00	15:00	14:00	16:00	13:00	15:00
Vol.	-	-	16	20	16	14	21	21	25	19	17	17	17	16	16	15

COUNTY OF MENDOCINO

DEPARTMENT OF TRANSPORTATION

340 LAKE MENDOCINO DRIVE
UKIAH, CA 95482
VOICE (707) 463-4363 FAX (707) 463-5474

Pearl Drive
Fort Bragg
Site Code: C.R. 412A
Station ID: M.P. 0.21
Latitude: 39° 23.5517 North
Longitude: 123° 48.4100 West

Start Time	13-Jan-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	East	West	East	West	East	West	East	West	East	West	East	West	East	West	East	West
12:00 AM	1	1	3	2	*	*	*	*	*	*	*	*	*	*	2	2
01:00	0	0	0	0	*	*	*	*	*	*	*	*	*	*	0	0
02:00	2	0	0	0	*	*	*	*	*	*	*	*	*	*	1	0
03:00	1	0	1	0	*	*	*	*	*	*	*	*	*	*	1	0
04:00	0	0	0	0	*	*	*	*	*	*	*	*	*	*	0	0
05:00	0	3	0	2	*	*	*	*	*	*	*	*	*	*	0	2
06:00	2	2	0	2	*	*	*	*	*	*	*	*	*	*	1	2
07:00	4	12	5	14	*	*	*	*	*	*	*	*	*	*	4	13
08:00	12	18	13	20	*	*	*	*	*	*	*	*	*	*	12	19
09:00	11	14	6	15	*	*	*	*	*	*	*	*	*	*	8	14
10:00	15	16	*	*	*	*	*	*	*	*	*	*	*	*	15	16
11:00	9	13	*	*	*	*	*	*	*	*	*	*	*	*	9	13
12:00 PM	14	15	*	*	*	*	*	*	*	*	*	*	*	*	14	15
01:00	13	17	*	*	*	*	*	*	*	*	*	*	*	*	13	17
02:00	13	10	*	*	*	*	*	*	*	*	*	*	*	*	13	10
03:00	11	15	*	*	*	*	*	*	*	*	*	*	*	*	11	15
04:00	17	9	*	*	*	*	*	*	*	*	*	*	*	*	17	9
05:00	11	7	*	*	*	*	*	*	*	*	*	*	*	*	11	7
06:00	11	7	*	*	*	*	*	*	*	*	*	*	*	*	11	7
07:00	5	2	*	*	*	*	*	*	*	*	*	*	*	*	5	2
08:00	6	2	*	*	*	*	*	*	*	*	*	*	*	*	6	2
09:00	3	2	*	*	*	*	*	*	*	*	*	*	*	*	3	2
10:00	5	2	*	*	*	*	*	*	*	*	*	*	*	*	5	2
11:00	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0
Lane	166	167	28	55	0	0	0	0	0	0	0	0	0	0	162	169
Day	333		83		0		0		0		0		0		331	
AM Peak	10:00	08:00	08:00	08:00	-	-	-	-	-	-	-	-	-	-	10:00	08:00
Vol.	15	18	13	20	-	-	-	-	-	-	-	-	-	-	15	19
PM Peak	16:00	13:00	-	-	-	-	-	-	-	-	-	-	-	-	16:00	13:00
Vol.	17	17	-	-	-	-	-	-	-	-	-	-	-	-	17	17

Comb. Total	333	261	299	373	390	286	251	651
ADT	ADT 324	AADT 324						

APPENDIX B
County of Mendocino, Department of Transportation

Collision Record for Boice Lane CR 413

Milepost	Date	Time	Type	Parties	Description	Action	Cause	Other Factors
0.01	10/27/2010	23:00	Property	1	Eastbound 10-15, Left Turn entering from SR 1. Went off the South Side hit and broke pole	Off the Road	Unsafe Turn	Hit and Run with Suspended License
0.10	8/8/2011	13:00	Injury	2	Enter from North side from Private Drive, in front of Westbound 10 mph	Entering	Failure to Yield	
0.17	5/4/1999	N/A	Property	2	Backing up from parking on North side, in front of West bound 30 mph	Backing Up	Unsafe Backing Up	
0.20	6/21/2012	16:55	Property	1	Eastbound 25-30 inattentive (looked down), veered right off south side, hit tree stump	Off the Road	Unsafe Turn	Inattentive
0.40	8/8/1999	N/A	Injury	1	Eastbound >80 evading FB police, slowed, failed to make 15mph Right Curve, hit sign & stump	Off the Road	DUI	Basic Speed, Crossed Centerline, Evading
1.26	1/26/2006	N/A	Property	1	Southbound, unknown speed, Went straight at end of road, off Outside turn 195 ft down Private drive	Off the Road	Not turning	Basic Speed, Hit and Run
1.66	5/29/2003	18:00	Property	1	Southbound Unknown speed, Crossed Center line, Off the East side of the road, hit mailboxes	Crossed Centerline, Off the Road	Unsafe Turn	Hit and Run

APPENDIX C

Speed Zone Study Area



APPENDIX D

Proposed Speed Zones

Boice Lane M.P. 0.00 to M.P. 0.40

Boice Lane M.P. 0.40 to M.P. 1.26

Pearl Drive M.P. 0.00 to M.P. 0.56

