

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 Number 19-11: SPEED ZONE STUDY ON FORT BRAGG SHERWOOD ROAD, COUNTY ROAD 419, EAST OF ITS INTERSECTION WITH FORT BRAGG CITY LIMITS (FORT BRAGG AREA)

BACKGROUND

In response to a petition from the residents along Fort Bragg Sherwood Road, County Road (CR) 419, Traffic Study Number (No.) 19-11, an Engineering and Traffic Study for speed zoning, was undertaken on Fort Bragg Sherwood Road, CR 419, at mile post (MP) 0.40, in November of 2019. The section of road has not been justified by an engineering and traffic study (E&TS) within the last five years and therefore it is 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 petitioners 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: Major Collector/
Minor Collector

Posted Speed Limits: 40

Adjacent Land Uses: Scattered residences

Geometry: Fort Bragg Sherwood Road, CR 419, is an east/west divided rural roadway

Lane Widths: 10 feet

Edge lines: Yes

ADT-2020: 1086 @ MP 0.4

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



Eastward view on Fort Bragg Sherwood Road

Prevailing Speed

During November 2019, a radar speed survey was performed on Fort Bragg Sherwood Road, CR 419, where seven days of free-flowing traffic were encountered and measured. Results of this Traffic Study are presented below in Table 1. A detailed survey may be found in Appendix A.

Table 1: Traffic Study 19-11 Results

MP	Survey Date	Start Time	Prevailing speed (85 th Percentile)	Pace	High (MPH)	Low (MPH)
0.4	11/06/19	11:00 am	43 MPH	31-40 (57.4 %)	71-75	8-17

Collision Records

The County's database for Fort Bragg Sherwood Road, CR 419, extends back to 1999. There have been 55 accidents on this road in the past 21 years. Of these 55 accidents, 27 of them occurred within the studied area, from MP 0.00 to MP 1.75. A detailed summary of all reported accidents on Fort Bragg Sherwood Road, CR 419, may be found in Appendix B.

Unapparent Conditions

The presence of conditions not readily apparent to the driver would be evidenced in the collision records or in recurring damage to roadside features. This road has high number of number of accidents, many of which are related to the curvy nature of the road in combination with the narrow roads with a narrow shoulder.

ANALYSIS

The western end of Fort Bragg Sherwood Road, CR 419, which begins at Fort Bragg city limits, is a series of tight turns with limited visibility, descending and ascending moderate grades. From just east of Fort Bragg city limits to Marsben Lane, there are approximately 23 driveways encroaching on this half mile stretch of Fort Bragg Sherwood Road, CR 419. However, most of the homes are setback more than 75 feet from the roadway. Currently, Fort Bragg Sherwood Road, CR 419, has a non-enforceable posted speed limit of 40 MPH. There are no roadside conditions that are not readily apparent to the driver. No portion of this road qualifies as a residential district under Sections 515 and 240 of the CVC. The petitioners seek to have the County post an enforceable speed limit in the vicinity of their homes, (the

area Fort Bragg City Limits and Mile Post 1.75, approximately 1 ¾ of a mile). Exhibit A in 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 Forty Bragg Sherwood Road, CR 419, are high, calculated to be in the range of 1,086 vehicles per day and with volumes not exceeding 100 vehicles per hour. CA MUTCD and Caltrans Traffic Manual Policies and Warrants for where to establish speed limits would indicate that this 1 ¾ mile section of road merits a speed zone. Thus, the County Road Commissioner will, in light of practical enforcement considerations and due to the high volume of vehicles and accidents, finds this Speed Zone Change application meritorious and direct that this speed zone engineering study be prepared and submitted per CVC requirements.

The 85th percentile speed was found to be 43 MPH in both directions; this is to be rounded to 40 MPH per the CA MUTCD to establish a valid, enforceable speed zone per the CVC requirements. Per the 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 high number of accidents and the narrow roads, the rounding down is valid.

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 this one and three quarter mile stretch of Fort Bragg Sherwood Road, CR 419. Refer to Exhibit B in Appendix C which demonstrates the proposed 85th percentile speed zone is valid per CVC.

Accepted and approved by:

Howard N. Dashiell, Director of Transportation

2-24-20

Date



APPENDIX A

TRAFFIC VELOCITY AND VOLUME STATISTICS

FORT BRAGG – SHERWOOD ROAD

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Fort Bragg Sherwood Road
Fort Bragg
Site Code: C.R. 419
Station ID: M.P. 0.4
Latitude: 39° 26.5000 North
Longitude: 123° 46.5666 West

West, East	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
11/06/19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	0	3	8	18	30	20	7	3	0	0	0	0	0	89	35-44	50
13:00	0	2	8	3	22	29	25	8	8	1	0	0	0	0	106	36-45	54
14:00	2	3	5	13	10	29	14	5	0	0	0	0	0	0	81	36-45	43
15:00	0	1	0	7	15	38	15	4	6	0	0	0	0	0	86	31-40	53
16:00	0	0	4	9	23	41	15	7	3	0	0	0	0	0	102	31-40	64
17:00	0	0	2	7	14	35	22	4	4	0	0	0	0	0	88	36-45	57
18:00	0	1	4	4	10	26	13	7	3	1	0	0	0	0	69	36-45	39
19:00	0	0	0	4	10	12	7	2	0	0	0	0	0	0	35	31-40	22
20:00	0	0	0	1	9	11	4	1	2	0	0	0	0	0	28	31-40	20
21:00	0	0	0	1	1	12	1	2	0	0	0	0	0	0	17	36-45	13
22:00	0	0	0	1	3	4	0	3	0	0	0	0	0	0	11	31-40	7
23:00	0	0	0	1	2	1	0	1	0	0	0	0	0	0	5	31-40	3
Total	2	7	26	59	137	268	136	51	29	2	0	0	0	0	717		
Percent	0.3%	1.0%	3.6%	8.2%	19.1%	37.4%	19.0%	7.1%	4.0%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	14:00	14:00	13:00	14:00	16:00	16:00	13:00	13:00	13:00	13:00					13:00		
	2	3	8	13	23	41	25	8	8	1					106		

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Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
11/07/19	0	0	0	0	2	3	0	1	1	0	0	0	0	0	7	31-40	5
01:00	0	0	0	0	0	3	1	0	0	0	0	0	0	0	4	34-43	4
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	1	0	0	0	0	0	0	0	0	0	1	24-33	1
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	25-34	2
05:00	0	0	2	1	3	8	0	3	1	0	0	0	0	0	18	31-40	11
06:00	0	1	0	2	10	7	7	3	1	0	0	0	0	0	31	31-40	17
07:00	1	1	1	9	13	25	14	9	2	1	0	0	0	0	76	34-43	39
08:00	0	1	3	3	28	19	16	5	1	1	0	0	0	0	77	31-40	47
09:00	0	1	2	9	16	19	17	8	0	0	0	0	0	0	72	34-43	36
10:00	0	1	2	9	16	28	17	3	1	1	0	0	0	0	78	36-45	45
11:00	0	0	1	8	13	24	19	1	1	0	0	0	0	0	67	36-45	43
12 PM	0	0	1	5	14	31	14	4	1	0	0	0	0	0	70	31-40	45
13:00	0	0	1	5	10	35	20	8	1	0	0	0	0	0	80	36-45	55
14:00	0	0	3	7	20	36	22	6	2	0	0	0	0	0	96	36-45	58
15:00	1	3	6	10	26	47	23	5	1	1	0	0	0	0	123	31-40	73
16:00	0	3	5	6	18	25	21	10	5	1	0	0	0	0	94	36-45	46
17:00	0	0	1	5	22	36	22	6	1	0	0	0	0	0	93	36-45	58
18:00	0	2	2	2	11	15	9	6	1	0	0	0	0	0	48	31-40	26
19:00	0	0	1	3	6	10	10	1	0	0	0	0	0	0	31	36-45	20
20:00	0	0	0	1	6	4	7	2	1	0	0	0	0	0	21	34-43	11
21:00	0	0	0	1	2	4	4	1	3	1	0	0	0	0	16	35-44	8
22:00	0	0	0	2	3	4	0	1	1	0	0	0	0	0	11	31-40	7
23:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	29-38	2
Total	2	13	31	89	243	384	244	83	25	6	0	0	0	0	1120		
Percent	0.2%	1.2%	2.8%	7.9%	21.7%	34.3%	21.8%	7.4%	2.2%	0.5%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	06:00	08:00	07:00	08:00	10:00	11:00	07:00	07:00	07:00					10:00		
Vol.	1	1	3	9	28	28	19	9	2	1					78		
PM Peak	15:00	15:00	15:00	15:00	15:00	15:00	15:00	16:00	16:00	15:00					15:00		
Vol.	1	3	6	10	26	47	23	10	5	1					123		

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West, East	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
11/08/19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	44-53	1
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
03:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
04:00	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	24-33	2
05:00	0	3	3	1	2	7	1	4	1	1	0	0	0	0	23	31-40	9
06:00	0	0	0	0	8	5	6	2	0	0	0	0	0	0	21	31-40	13
07:00	0	2	5	5	20	23	13	1	0	0	0	0	0	0	69	31-40	43
08:00	1	0	2	11	21	28	19	5	6	0	0	0	0	0	93	31-40	49
09:00	0	2	2	10	23	28	9	3	1	0	0	0	0	0	78	31-40	51
10:00	0	0	2	6	30	26	14	3	1	0	0	0	0	0	82	31-40	56
11:00	0	0	1	5	23	35	6	4	1	0	0	0	0	0	75	31-40	58
12 PM	0	0	3	8	20	39	18	5	1	0	0	0	0	0	94	31-40	59
13:00	0	0	5	10	22	39	18	7	4	2	0	0	0	0	107	31-40	61
14:00	0	1	3	16	27	25	19	6	0	1	0	0	0	0	98	31-40	52
15:00	2	3	1	9	26	44	18	6	5	0	0	0	0	0	114	31-40	70
16:00	0	0	3	3	20	43	31	9	1	1	0	0	0	0	111	36-45	74
17:00	0	4	2	5	23	26	28	6	2	0	0	0	0	0	96	36-45	54
18:00	0	0	0	1	16	20	14	3	1	1	0	0	0	0	56	31-40	36
19:00	0	1	0	4	14	15	9	5	2	2	0	0	0	0	52	31-40	29
20:00	0	0	0	1	10	11	3	5	1	0	0	0	0	0	31	31-40	21
21:00	0	0	0	2	10	12	4	1	2	0	0	0	0	0	31	31-40	22
22:00	0	0	0	1	3	10	4	1	1	0	0	0	0	0	20	34-43	14
23:00	0	0	0	2	1	3	3	0	0	0	0	0	0	0	9	35-44	6
Total	3	17	32	101	322	441	237	76	31	8	0	0	0	0	1268		
Percent	0.2%	1.3%	2.5%	8.0%	25.4%	34.8%	18.7%	6.0%	2.4%	0.6%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	05:00	07:00	08:00	10:00	11:00	08:00	08:00	08:00	05:00					08:00		
Vol.	1	3	5	11	30	35	19	5	6	1					93		
PM Peak	15:00	17:00	13:00	14:00	14:00	15:00	16:00	16:00	15:00	13:00					15:00		
Vol.	2	4	5	16	27	44	31	9	5	2					114		

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Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999		Speed	in Pace
11/09/19	0	0	0	2	2	1	1	0	0	1	0	0	0	0	7	26-35	4
01:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	34-43	2
02:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	29-38	2
03:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	30-39	2
04:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	45-54	3
05:00	0	0	0	0	0	3	1	0	0	1	0	0	0	0	5	36-45	4
06:00	0	0	0	2	1	5	7	2	0	0	0	0	0	0	17	36-45	12
07:00	0	0	4	0	3	6	6	4	0	0	0	0	0	0	23	36-45	12
08:00	2	0	0	1	15	19	9	2	2	0	0	0	0	0	50	31-40	34
09:00	0	0	1	4	10	19	12	4	0	1	0	0	0	0	51	35-44	31
10:00	1	0	2	4	13	31	12	5	0	1	0	0	0	0	69	31-40	44
11:00	0	0	2	9	8	28	20	4	3	0	0	0	0	0	74	36-45	48
12 PM	1	2	1	4	13	27	20	8	3	1	0	0	0	0	80	36-45	47
13:00	0	0	1	4	16	36	21	7	1	1	0	0	0	0	87	36-45	57
14:00	0	0	1	4	18	34	16	1	0	0	0	0	0	0	74	31-40	52
15:00	0	1	1	4	12	27	11	5	0	0	0	0	0	0	61	31-40	39
16:00	0	0	2	4	20	32	16	5	0	0	0	0	0	0	79	31-40	52
17:00	0	4	1	4	17	24	20	5	0	0	0	0	0	0	75	36-45	44
18:00	0	0	0	4	14	14	11	2	2	2	0	0	0	0	49	31-40	28
19:00	0	0	1	0	9	12	8	3	1	0	0	0	0	0	34	31-40	21
20:00	0	0	0	0	4	8	6	2	0	0	0	0	0	0	20	35-44	14
21:00	0	0	0	0	2	9	2	7	0	0	0	0	0	0	20	34-43	11
22:00	0	0	0	0	1	4	6	2	0	0	0	0	1	0	14	36-45	10
23:00	0	0	1	1	1	2	3	1	1	0	0	0	0	0	10	36-45	5
Total	4	7	18	51	180	345	210	70	15	8	0	0	1	0	909		
Percent	0.4%	0.8%	2.0%	5.6%	19.8%	38.0%	23.1%	7.7%	1.7%	0.9%	0.0%	0.0%	0.1%	0.0%			
AM Peak	08:00		07:00	11:00	08:00	10:00	11:00	10:00	11:00	00:00					11:00		
Vol.	2		4	9	15	31	20	5	3	1					74		
PM Peak	12:00	17:00	16:00	12:00	16:00	13:00	13:00	12:00	12:00	18:00			22:00		13:00		
Vol.	1	4	2	4	20	36	21	8	3	2			1		87		

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11/10/19	0	0	0	2	3	1	0	1	1	0	0	0	0	0	8	26-35	5
01:00	0	0	0	0	0	6	0	1	0	0	0	0	0	0	7	36-45	6
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	39-48	1
03:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	40-49	3
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	0	1	0	0	0	0	0	0	0	1	34-43	1
06:00	0	0	0	1	1	4	2	2	1	0	0	0	0	0	11	36-45	6
07:00	0	2	0	1	4	7	4	3	2	0	0	0	0	0	23	36-45	11
08:00	2	1	0	1	5	10	4	0	3	1	0	0	0	0	27	31-40	15
09:00	1	3	1	2	11	22	11	4	1	1	0	0	0	0	57	31-40	33
10:00	0	0	0	3	9	16	11	5	2	1	0	0	0	0	47	35-44	27
11:00	0	1	1	5	15	21	16	5	0	0	0	0	0	0	64	34-43	37
12 PM	1	1	4	7	16	32	27	13	1	0	0	0	0	0	102	36-45	59
13:00	0	0	2	4	15	34	18	6	0	0	0	0	0	0	79	36-45	52
14:00	0	0	2	5	16	43	20	8	5	0	0	0	0	0	99	36-45	63
15:00	0	0	3	3	18	27	22	7	1	1	0	0	0	0	82	36-45	49
16:00	0	1	1	1	12	22	19	6	2	0	0	0	0	0	64	36-45	41
17:00	0	1	1	4	13	23	17	1	2	1	0	0	0	0	63	36-45	40
18:00	0	2	2	1	13	12	16	2	0	1	0	0	0	0	49	36-45	28
19:00	0	0	1	3	6	10	3	1	0	0	0	0	0	0	24	31-40	16
20:00	0	0	1	2	1	4	4	0	0	1	0	0	0	0	13	36-45	8
21:00	1	0	1	0	1	5	4	2	0	0	0	0	0	0	14	36-45	9
22:00	0	0	0	0	0	6	3	0	0	1	0	0	0	0	10	36-45	9
23:00	0	0	0	2	1	1	1	1	0	0	0	0	0	0	6	26-35	3
Total	5	12	20	47	161	306	204	71	21	8	0	0	0	0	855		
Percent	0.6%	1.4%	2.3%	5.5%	18.8%	35.8%	23.9%	8.3%	2.5%	0.9%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	09:00	09:00	11:00	11:00	09:00	11:00	10:00	08:00	08:00					11:00		
Vol.	2	3	1	5	15	22	16	5	3	1					64		
PM Peak	12:00	18:00	12:00	12:00	15:00	14:00	12:00	12:00	14:00	15:00					12:00		
Vol.	1	2	4	7	18	43	27	13	5	1					102		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

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

Fort Bragg Sherwood Road
 Fort Bragg
 Site Code: C.R. 419
 Station ID: M.P. 0.4
 Latitude: 39° 26.5000 North
 Longitude: 123° 46.5666 West

West, East	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
11/11/19	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2	29-38	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
02:00	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4	29-38	3
03:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
04:00	0	0	1	0	3	1	1	0	0	0	0	0	0	0	6	31-40	4
05:00	0	0	0	0	2	4	2	0	1	1	0	0	0	0	10	36-45	6
06:00	0	0	0	0	3	9	3	8	2	0	0	0	0	0	25	36-45	12
07:00	0	0	2	4	6	17	12	4	0	0	0	0	0	0	45	36-45	29
08:00	0	1	3	9	21	21	14	5	1	0	0	0	0	0	75	31-40	42
09:00	0	0	0	6	22	25	20	4	3	0	3	0	0	0	83	31-40	47
10:00	0	0	8	9	28	21	12	4	1	0	0	0	0	0	83	31-40	49
11:00	0	1	3	16	28	35	18	1	5	0	1	0	0	0	108	31-40	63
12 PM	2	1	2	6	33	26	26	4	1	1	0	0	0	0	102	31-40	59
13:00	0	0	0	10	24	39	9	6	0	0	0	0	0	0	88	31-40	63
14:00	1	0	5	11	30	37	21	4	0	2	0	0	0	0	111	31-40	67
15:00	0	2	9	10	27	43	19	5	1	0	1	0	0	0	117	31-40	70
16:00	0	0	3	2	17	23	31	4	2	0	0	1	0	0	83	36-45	54
17:00	0	1	4	6	18	28	15	5	2	2	3	0	0	0	84	31-40	46
18:00	0	1	0	7	8	12	12	8	1	0	0	0	0	0	49	36-45	24
19:00	0	5	0	0	2	7	4	3	1	0	0	0	1	0	23	35-44	11
20:00	0	0	0	0	4	6	0	3	0	0	0	0	0	0	13	31-40	10
21:00	0	0	0	1	2	9	1	0	1	0	0	0	0	0	14	31-40	11
22:00	0	0	0	0	1	4	0	2	1	0	0	1	0	0	9	31-40	5
23:00	0	0	0	0	1	2	1	0	0	0	0	0	0	0	4	30-39	3
Total	3	13	40	97	283	372	222	70	23	6	9	2	1	0	1141		
Percent	0.3%	1.1%	3.5%	8.5%	24.8%	32.6%	19.5%	6.1%	2.0%	0.5%	0.8%	0.2%	0.1%	0.0%			
AM Peak		01:00	10:00	11:00	10:00	11:00	09:00	06:00	11:00	05:00	09:00				11:00		
Vol.		1	8	16	28	35	20	8	5	1	3				108		
PM Peak	12:00	19:00	15:00	14:00	12:00	15:00	16:00	18:00	16:00	14:00	17:00	16:00	19:00		15:00		
Vol.	2	5	9	11	33	43	31	8	2	2	3	1	1		117		

COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION

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

Fort Bragg Sherwood Road
 Fort Bragg
 Site Code: C.R. 419
 Station ID: M.P. 0.4
 Latitude: 39° 26.5000 North
 Longitude: 123° 46.5666 West

West, East	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
11/12/19	2	0	0	0	0	0	0	0	0	1	0	0	0	0	3	8-17	1
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29-38	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
04:00	0	2	2	2	4	2	0	0	0	0	0	0	0	0	12	31-40	6
05:00	0	2	0	0	4	9	1	1	4	0	0	0	0	0	21	31-40	13
06:00	1	3	1	1	6	8	10	4	0	0	0	0	0	0	34	36-45	18
07:00	2	1	1	7	14	20	10	1	3	0	0	0	0	0	59	31-40	34
08:00	0	1	6	7	19	28	24	5	2	1	0	0	0	0	93	36-45	52
09:00	0	0	0	4	24	28	16	3	1	1	0	0	0	0	77	31-40	52
10:00	4	2	3	8	23	22	15	0	4	0	0	0	0	0	81	31-40	45
11:00	0	0	0	8	16	35	10	6	1	0	0	0	0	0	76	31-40	51
12 PM	0	0	1	5	20	28	11	4	2	2	0	0	0	0	73	31-40	48
13:00	0	4	5	10	21	21	15	8	0	1	1	0	0	0	86	31-40	42
14:00	0	0	1	12	21	34	22	5	2	1	1	0	0	0	99	36-45	56
15:00	0	2	6	8	22	42	16	6	5	1	0	0	0	0	108	31-40	64
16:00	0	1	3	6	15	40	31	5	6	0	0	0	0	0	107	36-45	71
17:00	1	1	4	6	26	42	17	5	1	0	0	0	0	0	103	31-40	68
18:00	0	0	0	4	15	30	15	0	1	1	0	0	0	0	66	36-45	45
19:00	0	0	1	2	6	9	11	1	0	0	0	0	0	0	30	36-45	20
20:00	0	1	2	0	7	5	3	1	2	0	2	0	0	0	23	31-40	12
21:00	0	0	1	3	2	4	2	1	0	0	0	0	0	0	13	36-45	6
22:00	0	0	0	0	2	2	0	1	0	0	0	0	0	0	5	31-40	4
23:00	1	0	0	0	1	2	0	0	0	0	0	0	0	0	4	30-39	3
Total	11	20	37	93	269	413	229	57	34	9	4	0	0	0	1176		
Percent	0.9%	1.7%	3.1%	7.9%	22.9%	35.1%	19.5%	4.8%	2.9%	0.8%	0.3%	0.0%	0.0%	0.0%			
AM Peak	10:00	06:00	08:00	10:00	09:00	11:00	08:00	11:00	05:00	00:00					08:00		
Vol.	4	3	6	8	24	35	24	6	4	1					93		
PM Peak	17:00	13:00	15:00	14:00	17:00	15:00	16:00	13:00	16:00	12:00	20:00				15:00		
Vol.	1	4	6	12	26	42	31	8	6	2	2				108		

COUNTY OF MENDOCINO

DEPARTMENT OF TRANSPORTATION

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

Fort Bragg Sherwood Road
Fort Bragg
Site Code: C.R. 419
Station ID: M.P. 0.4
Latitude: 39' 26.5000 North
Longitude: 123' 46.5666 West

West, East																	
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
11/13/19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	39-48	1
01:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	29-38	2
02:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	44-53	2
03:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3	30-39	3
04:00	0	0	0	0	2	2	0	0	1	0	0	0	0	0	5	31-40	4
05:00	0	0	1	0	4	8	2	2	2	0	0	0	0	0	19	31-40	12
06:00	0	0	0	1	3	13	4	2	0	0	0	0	0	0	23	36-45	17
07:00	0	2	1	7	8	22	15	4	1	0	0	0	0	0	60	36-45	37
08:00	0	1	0	4	24	29	27	11	1	0	0	0	0	0	97	36-45	56
09:00	0	0	2	0	10	23	22	6	0	0	0	0	0	0	63	36-45	45
10:00	1	0	1	3	15	26	16	4	1	0	0	0	0	0	67	36-45	42
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	3	5	15	68	126	87	31	7	0	0	0	0	0	343		
Percent	0.3%	0.9%	1.5%	4.4%	19.8%	36.7%	25.4%	9.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	07:00	09:00	07:00	08:00	08:00	08:00	08:00	05:00						08:00		
Vol.	1	2	2	7	24	29	27	11	2						97		
PM Peak																	
Vol.																	
Total	31	92	209	552	1663	2655	1569	509	185	47	13	2	2	0	7529		
Percent	0.4%	1.2%	2.8%	7.3%	22.1%	35.3%	20.8%	6.8%	2.5%	0.6%	0.2%	0.0%	0.0%	0.0%			

15th Percentile : 30 MPH
50th Percentile : 37 MPH
85th Percentile : 43 MPH
95th Percentile : 48 MPH

Stats
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 4318
Percent in Pace : 57.4%
Number of Vehicles > 55 MPH : 64
Percent of Vehicles > 55 MPH : 0.9%
Mean Speed(Average) : 38 MPH

COUNTY OF MENDOCINO DEPARTMENT OF TRANSPORTATION

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

Fort Bragg Sherwood Road
Fort Bragg
Site Code: C.R. 419
Station ID: M.P. 0.4
Latitude: 39° 26.5000 North
Longitude: 123° 46.5666 West

Start Time	04-Nov-19		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	West	East	West	East	West	East	West	East	West	East	West	East	West	East	West	East
12:00 AM	*	*	*	*	*	*	3	4	0	1	3	4	3	5	2	4
01:00	*	*	*	*	*	*	2	2	0	1	0	2	2	5	1	2
02:00	*	*	*	*	*	*	1	0	1	0	3	0	1	0	2	0
03:00	*	*	*	*	*	*	1	0	2	0	2	0	1	2	2	0
04:00	*	*	*	*	*	*	2	0	2	1	0	3	1	0	1	1
05:00	*	*	*	*	*	*	7	11	10	13	2	3	1	0	5	7
06:00	*	*	*	*	*	*	20	11	9	12	9	8	8	3	12	8
07:00	*	*	*	*	*	*	53	23	43	26	14	9	12	11	30	17
08:00	*	*	*	*	*	*	45	32	51	42	32	18	16	11	36	26
09:00	*	*	*	*	*	*	44	28	44	34	28	23	33	24	37	27
10:00	*	*	*	*	*	*	39	39	47	35	38	31	31	16	39	30
11:00	*	*	*	*	*	*	40	27	36	39	39	35	36	28	38	32
12:00 PM	*	*	*	*	50	39	34	36	44	50	42	38	45	57	43	44
01:00	*	*	*	*	48	58	35	45	49	58	42	45	41	38	43	49
02:00	*	*	*	*	40	41	49	47	49	49	39	35	58	41	47	43
03:00	*	*	*	*	44	42	48	75	51	63	30	31	36	46	42	51
04:00	*	*	*	*	42	60	45	49	41	70	39	40	25	39	38	52
05:00	*	*	*	*	36	52	34	59	36	60	34	41	32	31	34	49
06:00	*	*	*	*	30	39	21	27	24	32	19	30	22	27	23	31
07:00	*	*	*	*	15	20	8	23	21	31	18	16	11	13	15	21
08:00	*	*	*	*	10	18	6	15	10	21	4	16	1	12	6	16
09:00	*	*	*	*	5	12	4	12	22	9	6	14	5	9	8	11
10:00	*	*	*	*	3	8	5	6	6	14	5	9	3	7	4	9
11:00	*	*	*	*	1	4	1	2	4	5	6	4	3	3	3	4
Lane	0	0	0	0	324	393	547	573	602	666	454	455	427	428	511	534
Day	0		0		717		1120		1268		909		855		1045	
AM Peak	-	-	-	-	-	-	07:00	10:00	08:00	08:00	11:00	11:00	11:00	11:00	10:00	11:00
Vol.	-	-	-	-	-	-	53	39	51	42	39	35	36	28	39	32
PM Peak	-	-	-	-	12:00	16:00	14:00	15:00	15:00	16:00	12:00	13:00	14:00	12:00	14:00	16:00
Vol.	-	-	-	-	50	60	49	75	51	70	42	45	58	57	47	52

COUNTY OF MENDOCINO

DEPARTMENT OF TRANSPORTATION

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

Fort Bragg Sherwood Road
Fort Bragg
Site Code: C.R. 419
Station ID: M.P. 0.4
Latitude: 39° 26.5000 North
Longitude: 123° 46.5666 West

Start Time	11-Nov-19		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	West	East	West	East	West	East	West	East	West	East	West	East	West	East	West	East
12:00 AM	0	2	1	2	0	1	*	*	*	*	*	*	*	*	0	2
01:00	1	0	0	1	2	1	*	*	*	*	*	*	*	*	1	1
02:00	3	1	0	0	0	2	*	*	*	*	*	*	*	*	1	1
03:00	1	1	2	0	0	3	*	*	*	*	*	*	*	*	1	1
04:00	5	1	5	7	4	1	*	*	*	*	*	*	*	*	5	3
05:00	5	5	8	13	9	10	*	*	*	*	*	*	*	*	7	9
06:00	10	15	20	14	13	10	*	*	*	*	*	*	*	*	14	13
07:00	27	18	45	14	42	18	*	*	*	*	*	*	*	*	38	17
08:00	41	34	55	38	60	37	*	*	*	*	*	*	*	*	52	36
09:00	47	36	47	30	32	31	*	*	*	*	*	*	*	*	42	32
10:00	39	44	42	39	39	28	*	*	*	*	*	*	*	*	40	37
11:00	47	61	38	38	*	*	*	*	*	*	*	*	*	*	42	50
12:00 PM	44	58	37	36	*	*	*	*	*	*	*	*	*	*	40	47
01:00	46	42	43	43	*	*	*	*	*	*	*	*	*	*	44	42
02:00	47	64	51	48	*	*	*	*	*	*	*	*	*	*	49	56
03:00	66	51	48	60	*	*	*	*	*	*	*	*	*	*	57	56
04:00	39	44	50	57	*	*	*	*	*	*	*	*	*	*	44	50
05:00	28	56	36	67	*	*	*	*	*	*	*	*	*	*	32	62
06:00	20	29	26	40	*	*	*	*	*	*	*	*	*	*	23	34
07:00	7	16	10	20	*	*	*	*	*	*	*	*	*	*	8	18
08:00	8	5	6	17	*	*	*	*	*	*	*	*	*	*	7	11
09:00	6	8	2	11	*	*	*	*	*	*	*	*	*	*	4	10
10:00	3	6	3	2	*	*	*	*	*	*	*	*	*	*	3	4
11:00	1	3	1	3	*	*	*	*	*	*	*	*	*	*	1	3
Lane	541	600	576	600	201	142	0	0	0	0	0	0	0	0	555	595
Day	1141		1176		343		0	0	0	0	0	0	0	0	1150	
AM Peak	09:00	11:00	08:00	10:00	08:00	08:00	-	-	-	-	-	-	-	-	08:00	11:00
Vol.	47	61	55	39	60	37	-	-	-	-	-	-	-	-	52	50
PM Peak	15:00	14:00	14:00	17:00	-	-	-	-	-	-	-	-	-	-	15:00	17:00
Vol.	66	64	51	67	-	-	-	-	-	-	-	-	-	-	57	62

Comb. Total	1141	1176	1060	1120	1268	909	855	2195
ADT	ADT 1,086	AADT 1,086						

APPENDIX B

County of Mendocino, Department of Transportation

Collision Record for Fort Bragg Sherwood Road, CR 419

Milepost	Date	Time	Type	Parties	Description	Action	Cause	Other Factors
0.02	6/20/2016	22:13	Injury	1	Westbound vehicle went off the road, hit trash cans	Off the Road	Failure to Control	None apparent
0.03	6/20/2016	22:15	Injury	1	Westbound vehicle went off the road straight, hit drainage ditch	Off the Road	Failure to Control	Unlicensed , previous collision
0.04	10/17/2001	13:00	Injury	2	Pedestrian ran from South Side of the road in front of westbound vehicle, going 30-35 MPH		Failure to yield by pedestrian	
0.05	6/22/2002	16:45	Injury	2	Left turn, entering from south side, in front of eastbound going 50 MPH	Entering	Failure to Yield	
0.17	8/8/2003	09:30	Property	1	Eastbound, going 35 MPH, trailer went off south side of Right Curve and overturned	Off the Road		
0.21	3/14/2006	02:00	Property	1	Eastbound going 50-55, went off south shoulder, in Left Curve, hit pump house, garage	Off the Road	DUI	Unsafe turn, Hit and Run
0.21	10/23/2000	14:35	Injury	1	Eastbound @ unknown Speed, Drifted off south shoulder, lost control, returned, crossed centerline, went off north shoulder, hit post	Off the Road, Crossed Centerline, Off the Road		
0.25	5/9/2005	18:00	Fatality	1	Eastbound going >50, off the South Shoulder in slight Left curve, back crossed center line, Off the north shoulder, hit tree, Overturned, ejected driver from vehicle	Off the road, crossed center line, off the road	Unsafe turn	probably DUI

Milepost	Date	Time	Type	Parties	Description	Action	Cause	Other Factors
0.25	4/18/2002	01:00	Injury	1	Eastbound @ 35 MPH, Off the South Shoulder in Left curve, swerve back crossed center line, Off the north shoulder, hit pine tree	Off the road, crossed center line, Off the road	DUI	
0.55	11/25/2002	09:10	Injury	1	Westbound @ unknown speed, Lost control, sharp right curve, went off the north shoulder, back, crossed center line, went off the south shoulder, hit bank, overturned	Off the Road, crossed center line, off the Road	Basic Speed	wet (dew) road
0.60	4/6/2011	19:35	Injury	1	Westbound @ 70 MPH, entered right curve, crossed center line, went off the south shoulder, hit sign post and mailboxes, Overturned	crossed center line, Off the Road	Unsafe turn	Suspended License, Unlicensed
0.60	2/7/2011	14:15	Injury	1	Westbound @ 60 MPH, braked in Right Turn, lost traction, crossed center line, went Off the South Shoulder, hit bank, Overturned	crossed center line, Off the Road	Basic Speed	
0.65	1/28/2002	08:00	Property	1	Westbound 25-30 MPH, hit ice, slid Off the north shoulder in right curve, hit fence	Off the Road	Not the fault of driver	Ice
0.65	3/21/2001	23:00	Property	1	Westbound @ unknown speed Lost control, skidded, crossed center line, Off the south shoulder, hit bank and pole	crossed center line, off the Road		Hit and Run
0.75	8/26/2003	16:08	Fatality	2	Westbound @ 66 MPH, crossed center line in left curve, hit Eastbound vehicle head on	crossed center line	Basic Speed	Unlicensed
0.92	1/9/2016	14:00	Property	2	Eastbound Vehicle 1 & Vehicle 2 crossed centerline went, Off the road and collided with fence & mail	crossed center line, off the road, Hit and Run	ran off the road	Impairment not known

Milepost	Date	Time	Type	Parties	Description	Action	Cause	Other Factors
0.95	1/16/2011	00:45	Property	1	Eastbound 55 MPH, left curve, lost control, went off the Road south shoulder and hit fence	Off the Road	Basic Speed	
1.05	1/24/2004	20:45	Injury	1	Eastbound >55 MPH, Off the South Shoulder in left curve, hard back, spun out skidded, crossed center line , went off the north shoulder, hit sign & pine tree	Off the Road, crossed center line, Off the Road	DUI	
1.10	9/7/2006	07:30	Property	1	Westbound 40 MPH, lost control in slight Left Curve, skidded Off the north shoulder, Overturned	Off the Road	Unsafe Turn	
1.14	8/5/2012	13:25	Property	2	Entering 15 MPH, from South Side, in front of Eastbound 35	Entering	Failure to Yield	
1.15	4/8/2000	03:10	Injury	1	Westbound 50 MPH min, lost control, skidded right in left curve went off the Road, hit tree	Off the Road		Basic Speed
1.25	6/11/2006	00:20	Property	2	Enter from South Side, hit Westbound that stopped for deer	Entering	Failure to yield	Suspended License, Hit and Run
1.27	3/26/2007	13:00	Property	2	Eastbound 35 MPH, crossed center line to avoid Eastbound car, stop for left turn, hit Westbound	Passed Double yellow Line	Double yellow line	Inattentive
1.34	3/23/2005	16:55	Property	2	Eastbound 45 MPH, passed over double yellow line, hit vehicle making left turn into private land	Crossed	Crossed Double Yellow	
1.36	6/18/1999	-	Property	2	Eastbound, unsafe brake in right curve, following car attempted brake and pass to the left,, sideswiped first vehicle	crossed center line	basic speed	
1.52	8/21/2007	02:30	Property	1	Eastbound 40 MPH, crossed center line, went off the road hit mailbox tree, overturned			

Milepost	Date	Time	Type	Parties	Description	Action	Cause	Other Factors
1.75	7/20/1999	-	Property	1	Backing up 20 MPH, hit object east of logging road	Backing up	unsafe backing up	
1.85	5/2/2001	25:00	Property	1	Eastbound, went off the south shoulder, hit retaining wall	Off the Road		hit and run
2.12	11/3/2018	07:20	Property	1	Westbound, made unsafe turn, crossed center line and off the south shoulder, off road in ditch, hit and run	Off the Road	unsafe turn	none apparent
2.26	12/3/2014	12:00	Property	2	Westbound 35-40 MPH, right curve, crossed center line, hit Eastbound 15-20 MPH	crossed center line	21662b CVC – insufficient roadway width	
2.80	10/14/2013	16:20	Property	2	Westbound @ unknown speed, crossed center line, side swiped Eastbound 30 MPH	crossed center line		hit and run
3.04	5/5/2005	12:45	Property	1	Westbound 35 MPH, off the north shoulder, in sharp left curve, hit redwood tree	Off the Road	basic speed	
3.12	4/18/2005	19:20	Property	2	Eastbound 30 MPH, crossed center line in right curve, hit Westbound 25 MPH	crossed center line	DUI	
3.33	1/5/2003	16:15	Injury	1	Westbound @ unknown speed, went off the north shoulder in sharp left curve, hit redwood tree	Off the Road	DUI	
3.71	6/9/2009	21:00	Injury	1	Westbound >25 MPH, right curve, crossed center line off the South Shoulder, went down bank and hit tree	crossed center line, Off the Road	DUI	unsafe turn
3.73	6/30/2001	02:23	Property	1	Westbound 30-35 MPH braked for vehicle blocking the road at sharp right curve, crossed center line, off the South Shoulder, Overturned went down bank	crossed center line, Off the Road	DUI	basic speed

Milepost	Date	Time	Type	Parties	Description	Action	Cause	Other Factors
3.73	9/24/2002	01:00	Injury	1	Westbound @ unknown speed, Braked, skidded, sharp right curve, crossed center line, went off the south shoulder, hit redwood tree multi Overturned	crossed center line, Off the Road		hit and run, unlicensed
4.15	2/27/2013	17:55	Injury	1	Eastbound 35 MPH, saw deer, avoided collision, lost control went off the south shoulder Overturned	Off the Road	unsafe turn Proceeding Straight	Deer
4.23	8/6/2002	02:20	Fatality	1	Westbound 20-25 MPH, went off the south shoulder, hit large redwood tree	Off the Road	unsafe turn	Potentially DUI
4.63	6/26/2002	12:01	Property	2	Westbound 25 MPH in construction zone, hit brake, skidded, hit Eastbound dump truck stopped		basic speed	
4.68	11/29/2003	16:20	Property	2	Eastbound 15 MPH & Westbound 15 MPH, braked, slid and hit on muddy road		no control (both)	
7.13	3/11/2011	16:45	Property	1	Westbound 15 MPH, vehicle caught fire in engine compartment - totally engulfed		Not the drivers fault	
13.25	5/19/2013	10:10	Injury	1	Motorcycle, Eastbound 25 MPH entering left curve lost control and overturned	Proceeding Straight	basic speed	
14.65	9/21/2003	16:15	Property	2	Eastbound 10 MPH & Westbound 20 MPH hit in curve - gravel road		Lost control	
21.06	8/11/2013	11:30	Injury	2	motorcycle Eastbound 20 MPH, narrow dirt roadway in blind curve, side swiped Westbound 20	Proceeding Straight	unknown	basic speed (both at fault)
28.82	6/1/2002	18:00	Property	1	Westbound 35-40 MPH, went off the north shoulder in sharp left curve, swerved back and overturned	Off the Road	basic speed	unsafe turn

Milepost	Date	Time	Type	Parties	Description	Action	Cause	Other Factors
28.83	7/21/2013	13:50	Injury	1	motorcycle westbound @ unknown speed, left curve off the north shoulder, lost control, and overturned	Off the Road	unsafe turn	
28.90	2/27/2007	03:15	Property	1	Eastbound 15-20 MPH, slid right curve, lost control crossed center line, went off the east shoulder, hit bridge rail - SNOW	crossed center line, Off the Road	basic speed	Snow
28.98	4/2/2004	14:15	Property	2	Eastbound 50 MPH, passed Eastbound 30-35 MPH, PVC pipe in bed shifted, hit passed car		Unsafe loading of car	Hit and run
29.08	10/4/2006	17:30	Property	2	Eastbound 35 MPH, sharp right curve, hit Westbound 25 MPH in center of road on bridge		basic speed	Unlicensed
29.58	8/2/2013	17:40	Injury	2	Eastbound 30 MPH, passing vehicle on Westbound lane hit Westbound 35 MPH	crossed center line		Uninsured
29.71	8/1/2009	16:30	Injury	2	Eastbound 50 MPH, brake locked, skidded, crossed center line into Westbound 25-30 MPH, moving right out of way	crossed center line	basic speed	
30.25	12/20/2001	18:15	Property	1	Eastbound 20-25 MPH, braked, hit cow crossing in moderate left curve			Not the drivers fault
30.27	3/9/2008	14:45	Property	1	Northbound 40-45 MPH, right curve, lost control, crossed center line and went off the west shoulder, hit fence	crossed center line, Off the Road	DUI	basic speed
30.29	9/5/2016	09:00	Injury	1	Eastbound on wooden bridge, slipped of travel portion and overturned	overturned	unsafe turn	none apparent

APPENDIX C

Speed Zone Study Area



APPENDIX D

Proposed Speed Zones

Fort Bragg Sherwood Road M.P. 0.00 to M.P. 1.75

