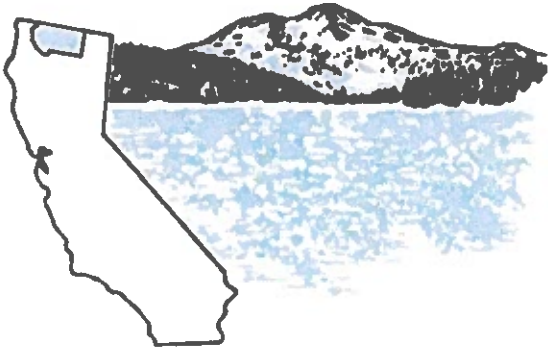




Siskiyou County

DEPARTMENT OF PUBLIC WORKS

1312 FAIRLANE ROAD, SUITE 3
YREKA, CALIFORNIA 96097
PHONE: (530) 842-8250
FAX (530) 842-8288

Thomas Deany
Director

TRAFFIC ENGINEERING REPORT (Confidential)

Jurisdiction: Siskiyou County

20 August 2025

Road Name: Eastside Road 4G05

Road Segment Studied: PM 0.00 TO 11.74

Type of Study: Speed Limit

Existing Signage: 55 MPH (Prima Facie)

Study Results: 1. Speed Survey (85% Percentile): 47.6 MPH

2. Traffic Accident Summary: Three (3) CHP Accident Reports were located for this section of roadway within the past six (6) years. One accident was the result of an unsafe pass, the other two (2) were a result of Driving Under the Influence (DUI) of alcohol.

Summary: This section of roadway has been evaluated by the undersigned and there are no significant changes in land use, the roadway, or traffic within the past five (5) years.

Recommendations: The results of the attached Speed Study, in accordance with CVC 21400, will allow for setting the speed limit at the-five-mph increment below the 85th percentile speed (Critical Speed) which would allow a speed limit of forty-five (45) mph. This report will allow the use of radar enforcement of speed limits in accordance with California Vehicle Code Section 40802 until August 2030.




Terry E. Smith, ROE 25056

EASTSIDE ROAD 4G05

ENGINEERING TRAFFIC SURVEY 0.00 TO 11.7

TRAFFIC SPEED STUDY 14-18 APRIL 2025

Legend
ROAD

DESCRIPTION

CRITICAL SPEED (85TH%)

47.6

PACE SPEED

36-45

NUMBER IN PACE

824

AVERAGE SPEED

41.3

TOTAL VEHICLES ANALYZED

1350

ADT THIS SURVEY

337

POSTED SPEED LIMIT

55 (PRIMA FACIE)

MPH / TOTAL



6 mi

Google Earth

Image © 2025 Airbus

1.2.2 Prima Facie Speed Limits by Statute

CVC Section 22352 sets the prima facie speed limits in California. The term “prima facie”, as used in the CVC, is a speed limit that applies when no other specific speed limit is posted. It is a Latin term meaning “at first face” or “at first appearance”. It sets two speed limits covering six classes of location. The first speed limit is 15 mph; and it is applicable to uncontrolled railway crossings; blind, uncontrolled intersections; and alleyways. The second speed limit is 25 mph; and it is applicable to business and residential areas without other posted speed limits; school zones, and areas immediately around senior centers.

1.2.3 Speed Limits Requiring an Engineering and Traffic Survey

When an engineering and traffic survey (E&TS) shows that the statutory or prima facie speed limits are not applicable for the existing conditions, the speed limits can be altered with the posting of a different speed limit which must be determined according to the findings of the E&TS. Section 22356 of the CVC addresses increasing freeway speeds to 70 mph. CVC Section 22354 covers decreasing highway speeds from 65 mph and CVC Section 22358 addresses decreasing local speed limits. The CVC does not address decreasing the speed limit below 55 mph on undivided highways; however, the CA MUTCD states that speed zones (other than statutory speed limits) shall only be established on the basis of an E&TS that has been performed in accordance with traffic engineering practices. Even though it is not codified in the CVC, Caltrans has established the practice of using an E&TS for any reduction below a statutory 55 mph speed limit. Law enforcement agencies and courts are accustomed to seeing surveys for these areas and it may be difficult to defend a speed violation citation without one.

1.2.4 Authority to Set Speed Limits

Caltrans has authority to set speed limits on the State Highway System. Roadways outside of the state highway system fall under the responsibility of the respective city or county. Some roadways may fall under the jurisdiction of National Parks, tribal governments, or private properties. Although not mandated, the CA MUTCD should be followed by these jurisdictions as well.

1.2.5 Speed Traps

The CVC prohibits the use of speed traps (Section 40801) as well as the use of any evidence obtained by use of a speed trap (Section 40803) for the purpose of prosecution.

A speed trap as defined in CVC Section 40802 is either:

- A section of highway marked so that an officer can calculate speed based on the time it takes a vehicle to travel the marked distance
- The use of radar or other electronic devices that measure the speed of a moving object on a section of highway which does not have a current E&TS as required under CVC.

SISKIYOU COUNTY PUBLIC WORKS

Eastside Road
M.P. 6.48
4/14/25

**1312 FAIRLANE ROAD
YREKA, CA 96097**

Latitude: 41.532829
Longitude: -122.839729

Combined Lanes 4/14/2025 to 4/18/2025

Pace Speed - MPH

Classes Excluded From Pace: None

Speed	Number	Percent
36 - 45	824	61.0%

Percentile Speeds

Percentile	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th
------------	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Speed - MPH	30.9	34	35.6	36.6	37.6	38.4	39.5	40	40.9	41.6	42.2	42.9	43.8	44.5	45.4	46.5	47.6
-------------	------	----	------	------	------	------	------	----	------	------	------	------	------	------	------	------	------

Vehicles Traveling Greater Than 50.0 MPH

Total Volume 1,350

Total Greater Than 50.0 97

Percent Greater Than 50.0 7.2%

Mean, Median, and Mode Averages

Mean: 41.3

Median (50th %): 41.6

Mode: 41.0

SISKIYOU COUNTY PUBLIC WORKS

1312 FAIRLANE ROAD

YREKA, CA 96097

Eastside Road
M.P. 6.48
4/14/25

Latitude: 41.532829
Longitude: -122.839729

Averaged Daily Totals

Combined

	<= 2	>2 to 4	>4 to 6	>6 to 8	>8 to 10	>10 to 12	>12 to 14	>14 to 16	>16 to 18	>18 to 20	>20 to 22	>22 to 24	>24 to 26	> 26	Total
Sunday	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monday	0	0	0	0	0	0	0	2	0	0	1	1	1	165	170
Tuesday	0	0	0	0	0	0	1	2	0	0	0	0	1	309	313
Wednesday	0	0	0	0	1	0	2	2	1	0	1	0	0	332	339
Thursday	0	0	0	0	0	1	0	3	1	1	2	0	1	337	346
Friday	0	0	0	0	0	0	1	0	0	0	1	0	2	178	182
Saturday	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	1	4	9	2	1	5	1	5	1,321	1,350

SISKIYOU COUNTY PUBLIC WORKS

1312 FAIRLANE ROAD

YREKA, CA 96097

SPEED DATA ANALYSIS

Location

4/14/25



Latitude: 41.532829

Longitude: -122.839729

Analysis Time



Start
4/14/2025
12:29 PM

End
4/18/2025
1:26 PM

Vehicles Analyzed



1,350

Speed Limit



55

Total Enforceable



14

Average Speed



41

% Enforceable



1%

Fastest Speed



65

Enforcement

LOW

Slowest Speed



9

SISKIYOU COUNTY PUBLIC WORKS

1312 FAIRLANE ROAD

YREKA, CA 96097

SPEED DATA ANALYSIS

85th Percentile



48

10 MPH Pace



36-45