

US 26

Speed Limit Study

Alpine

Lincoln County, WY

August 2025

Prepared By:

Darin D. Kaufman, District Traffic Engineer

Wyoming Department of Transportation

District 3 Rock Springs

Traffic Engineer

US 26 Speed Study

Introduction

This study is in response to concerns submitted by local residents dated July 14, 2025 (see **Appendix A**). The primary concerns are turning movement conflicts and a request for a reduction in the posted speed limit in the area northwest of Alpine on US 26.

Corridor Description

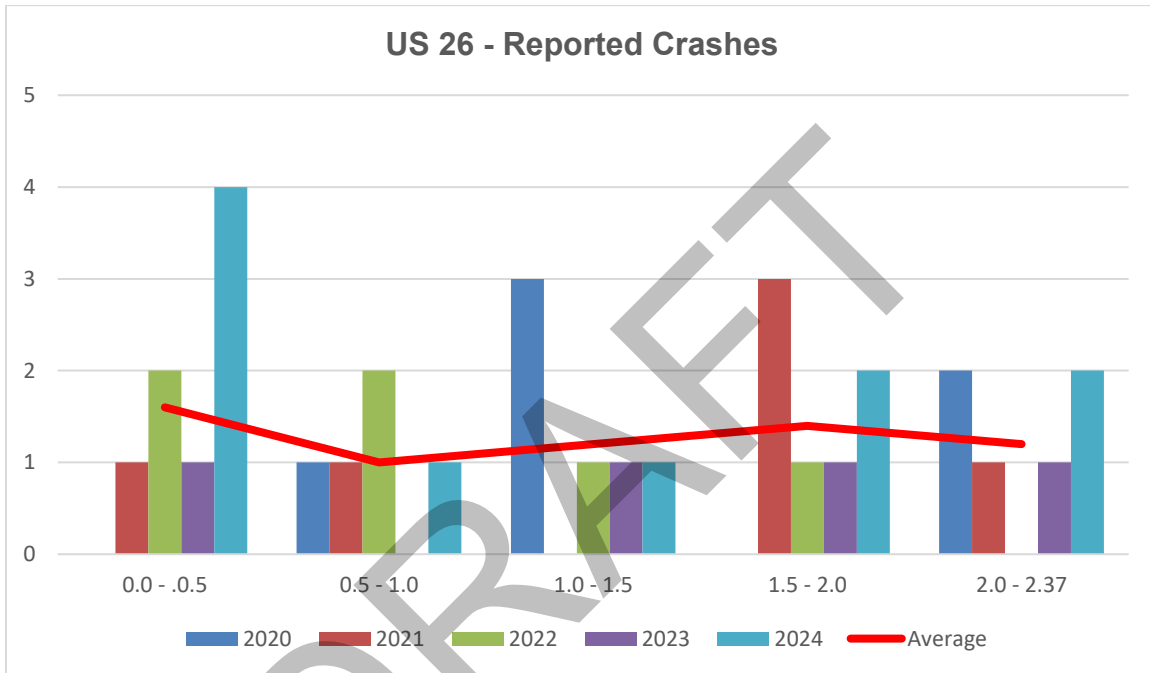
US 26 (ML-9B) is a north-south rural principal arterial highway between Alpine Junction and the Idaho state line in Lincoln County. US 26 is a two-lane highway (one lane in each direction) with 4-foot shoulders. The intersection of US 26 and US 89 (Alpine Junction) is a signalized with vertical curb and roadway lighting. The posted speed limit, from south to north, is 45-mph (RM 0.00 to RM 1.05), and transitions to 65-mph north toward the Idaho state line. Within Idaho the posted speed limit is 65-mph. US 26 has a 2024 AADT of approximately 3,00 vehicles (300 trucks) and a 2020 – 2024 crash history of 32 total reported crashes (0 fatal, 7 injury, 25 property damage only). Parking is not available on the highway within the study area. Development consists of a mixture of residential homes, commercial, and undeveloped property scattered on both sides of the highway within the study limits.

Existing conditions are shown in **Exhibit 1**.

Crash Analysis

Crash data was collected for the past five years (January 1, 2020 through December 31, 2024) for US 26. A printout of the crash data is attached (see **Appendix B**).

Crash data was broken down into years, crash severity, manner of collision, and first harmful event. Of the total 32 crashes there were no fatal, 7 injury, and 25 property damage only crashes on US 26.



Crash Severity

Milepost	Fatal Injury	Serious Injury	Minor Injury	Injury	Property Damage Only	Total
0.0 – 0.5		1		2	5	8
0.5 – 1.0					5	5
1.0 – 1.5		1		2	3	6
1.5 – 2.0			1		6	7
2.0 – 2.37					6	6

Manner of Collision

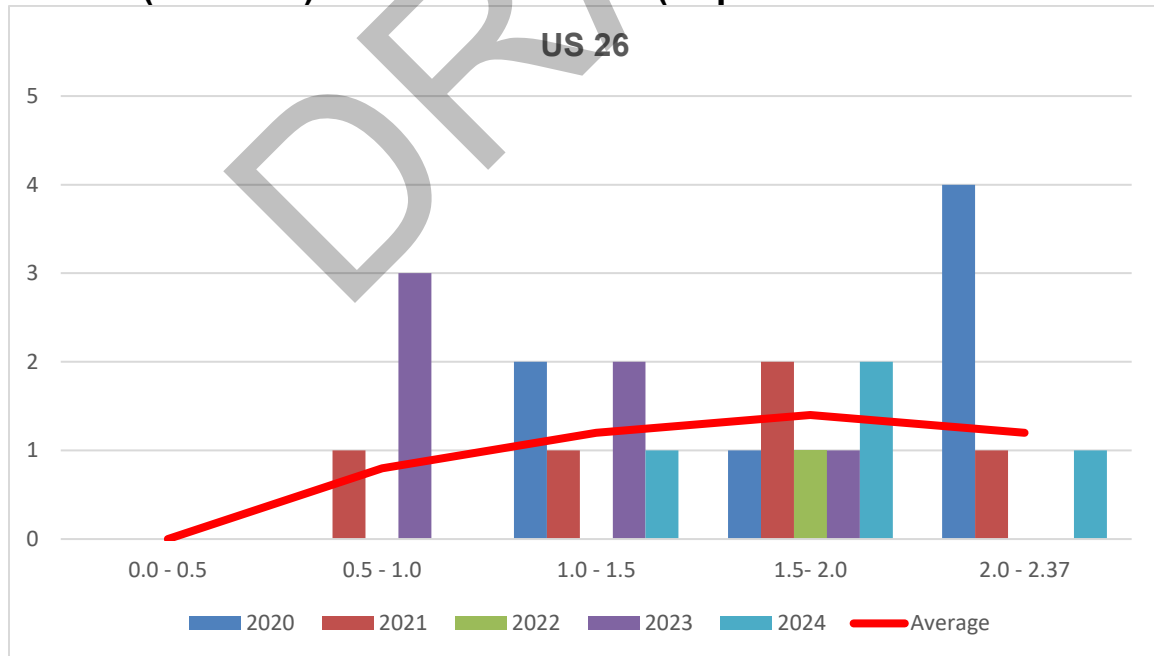
Milepost	Null	Rear End	Head On	Angle	Sideswipe Same Dir	Sideswipe Opp Dir	Single Vehicle	Backing	Other/Unknown	Total
0.0 – 0.5		2	2	4						8
0.5 – 1.0		1		1	1		2			5
1.0 – 1.5	3	1					2			6
1.5 – 2.0	5						2			7
2.0 – 2.37	3			1	2					6

Null = Collision with either wild or domestic animals.

First Harmful Event

Milepost	Rollover	Motor Vehicle in Transport	Wild (Deer/Elk)	Domestic (Cow)	Snowbank	Fence	Trees Shrubbery	Other	Parked Vehicle	Total
0.0 – 0.5		7							1	8
0.5 – 1.0		3			1	1				5
1.0 – 1.5	1	1	3					1		6
1.5 – 2.0	1		4	1			1			7
2.0 – 2.37		3	3							6

Wildlife (Deer/Elk) Vehicle Collisions (Reported + Carcass Counts)



Speed Data Analysis

Staff performed free flow spot speed studies at 5 locations for both directions of travel on US 26. See the attached map for exact locations (**Exhibit 2**). The locations selected represent areas in different speed limit zones and roadway sections. A minimum 100-vehicle random sample data set of unobstructed free-flowing vehicles on a clear day is considered statistically adequate for a spot speed study. The sampled vehicles were not impeded by turning vehicles, slowing vehicles, or traffic control devices.

The 85th-percentile speed is the speed at which 85 percent of all vehicles were traveling at or below, under the prevailing conditions at the time of the spot speed study. According to the *Manual on Uniform Traffic Control Devices* (MUTCD), rural speed limits should be posted within 5 mph of the 85th-percentile speed of free-flowing traffic considering the following roadway context: Roadside development and environment, Roadway design, Roadway classification, and Crash history.

The pace shown in the spot speed study results tables are the 10-mph band where the greatest number of speed samples occurred. Preferably, the upper limit of the pace should reasonably correspond with the 85th-percentile speed and the posted speed limit. The lower limit of the pace is a number which the speed limit should never be at or below.

The existing speed zones and the results of the 5 spot speed studies, conducted at various locations on US 26, are shown in the tables below. In addition, a description of the results of the spot speed analysis, prevailing speeds, and the recommended speed limit for each section is provided. The individual spot speed study forms are attached (see **Appendix C**).

Exhibit 2 - Speed Study Locations



Spot Speed Study Results (US 26)

Location 1:		Northbound	Southbound
North of Alpine Junction (MP 0.15)	POSTED SPEED	45	45
	85 th % SPEED	47	43
	50 th % SPEED	39	36
	10 MPH PACE	38 – 47	35 – 44
	% COMPLIANCE	73	88

For the section of roadway north of Alpine, as shown in the table for Location #1 above, the 85th-percentile speeds were 2 mph above to 2 mph below, and the upper limit of the pace were 2 mph above and 1 mph below the posted speed limit of 45-mph. The speed data collected in this area indicates that motorists consider this section of roadway as urban, as indicated by the 85th-percentile speed being between 47 and 43 mph, and the pace being 38 – 47 mph and 35 - 44 mph, northbound and southbound respectively. Based on a review of the area, the roadway environment is urban. Based on the speed data, speed profile, speed compliance, and roadway environment in the area, the recommended speed limit from the speed study worksheets should remain unchanged.

Location 2:		Northbound	Southbound
North of Alpine Port of Entry (MP 0.84)	POSTED SPEED	45	45
	85 th % SPEED	59	51
	50 th % SPEED	52	44
	10 MPH PACE	49 – 58	41 – 50
	% COMPLIANCE	14	51

For the section of roadway north of Alpine, as shown in the table for Location #2 above, the 85th-percentile speeds were 14 mph to 6 mph above, and the upper limit of the pace were 13 mph and 5 mph above the posted speed limit of 45-mph. The speed data collected in this area indicates that motorists consider this section of roadway as a transition area between urban and rural, as indicated by the 85th-percentile speed being between 59 and 51 mph, and the pace being 49 – 58 and 41 - 50 mph, northbound and southbound respectively. Based on a review of the area, the roadway environment is developing. Based on the speed data, speed profile, speed compliance, and roadway environment in the area, the recommended speed limit from the speed study worksheets should remain unchanged.

Location 3:		Northbound	Southbound
South of Palisades Drive (MP 1.24)	POSTED SPEED	65	65
	85 th % SPEED	64	62
	50 th % SPEED	57	56
	10 MPH PACE	56 – 65	54 – 63
	% COMPLIANCE	84	91

For the section of roadway north of Alpine, as shown in the table for Location #3 above, the 85th-percentile speeds were 1 mph to 3 mph below, and the upper limit of the pace were 0 mph and 2 mph below the posted speed limit of 65-mph. The speed data collected in this area indicates that motorists consider this section of roadway as rural, as indicated by the 85th-percentile speed being between 64 and 62 mph, and the pace being 56 – 65 and 54- 63 mph, northbound and southbound respectively. Based on a review of the area, the roadway environment is a transition zone between rural and urban areas. Based on the speed data, speed profile, speed compliance, and roadway environment in the area, the posted speed limit from the speed study worksheets may be reduced.

Location 4:		Northbound	Southbound
North of Palisades Drive (MP 1.37)	POSTED SPEED	65	65
	85 th % SPEED	65	64
	50 th % SPEED	59	57
	10 MPH PACE	56 – 65	56 – 65
	% COMPLIANCE	82	85

For the section of roadway north of Alpine, as shown in the table for Location #4 above, the 85th-percentile speeds were 0 mph to 1 mph below, and the upper limit of the pace were 0 mph below the posted speed limit of 65-mph. The speed data collected in this area indicates that motorists consider this section of roadway as rural, as indicated by the 85th-percentile speeds between 65 mph and 64 mph, and the pace being 56 – 65 mph, northbound and southbound respectively. Based on a review of the area, the roadway environment is a transition zone between rural and urban areas. Based on the speed data, speed profile, speed compliance, and roadway environment in the area, the posted speed limit from the speed study worksheets may be reduced.

Location 5:		Northbound	Southbound
Near Alpine Campground (MP 1.91)	POSTED SPEED	65	65
	85 th % SPEED	67	63
	50 th % SPEED	61	57
	10 MPH PACE	59 – 68	55 – 64
	% COMPLIANCE	71	89

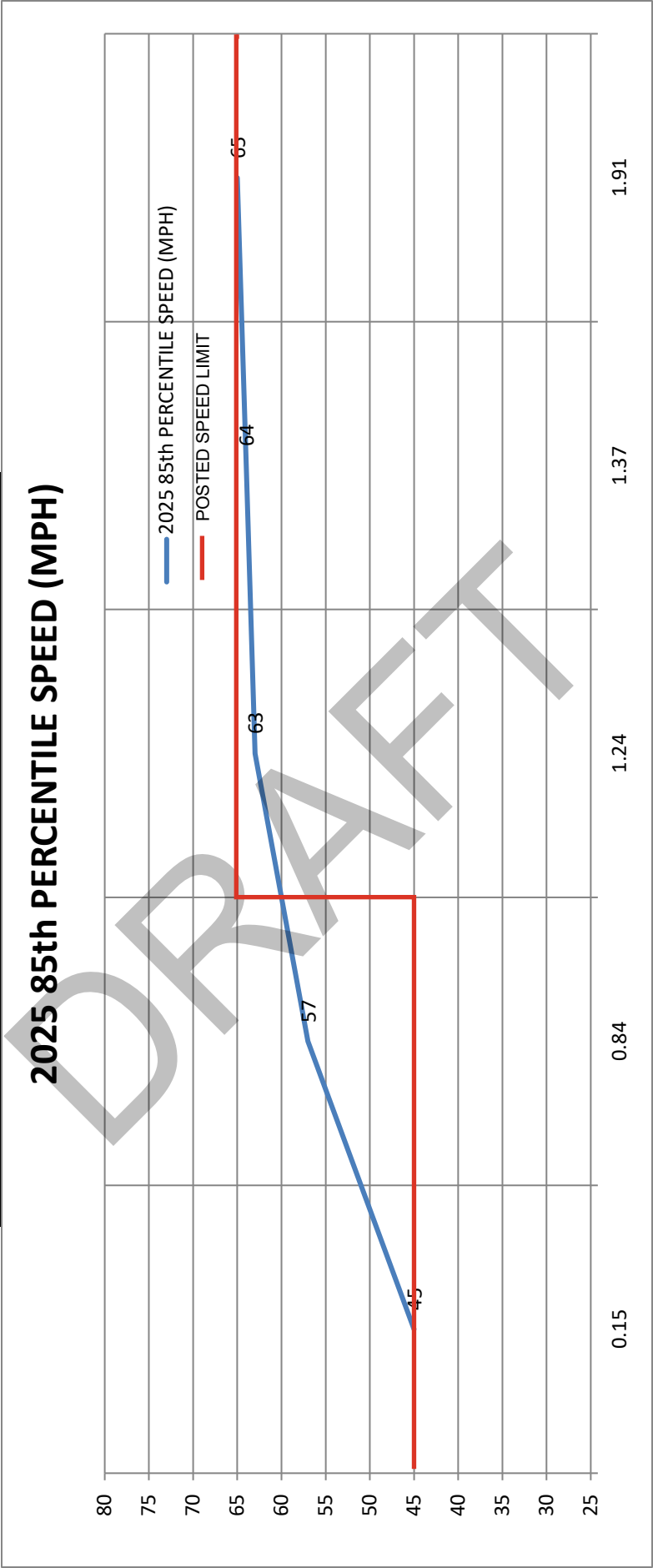
For the section of roadway north of Alpine, as shown in the table for Location #5 above, the 85th-percentile speeds were 2 mph above to 2 mph below, and the upper limit of the pace were 2 mph above and 1 mph below the posted speed limit of 65-mph. The speed data collected in this area indicates that motorists consider this section of roadway as rural, as indicated by the 85th-percentile speeds between 67 mph and 63 mph, and the pace being 59 – 68 mph and 55 – 64 mph, northbound and southbound respectively. Based on a review of the area, the roadway environment is rural. Based on the speed data, speed profile, speed compliance, and roadway environment in the area, the recommended speed limit from the speed study worksheets should remain unchanged.

The attached speed profile graph (**Exhibit 3**) plots the combined northbound and southbound 85th-percentile speed data with the posted limit north of Alpine.

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Exhibit 3 - Speed Profile

LOCATION (MILE)	2025 85TH PERCENTILE SPEED (MPH)
0.15	45
0.84	57
1.24	63
1.37	64
1.91	65



Conclusion

Based on the results of the speed study and roadside environment, it appears that the existing posted speed limit of 45mph has fair compliance. This area is developing and posted speed limit is set based on the roadway context.

North of the posted 45mph speed limit is an area changing from rural to suburban. The speed profile indicates that motorists are adjusting their speeds. Due to the increasing development and roadway environment, a speed transition may be considered.

Recommendations

In response to the written request for a reduced speed limit and increased awareness of turning traffic north of Alpine, from a traffic engineering study perspective a speed transition may be considered.

In review of the speed data and roadside environment, modifications to the existing posted limit are recommended as noted below:

45 mph, RM 0.00 to 1.05 (remain as-is)

55 mph, RM 1.05 to 1.46 (new)

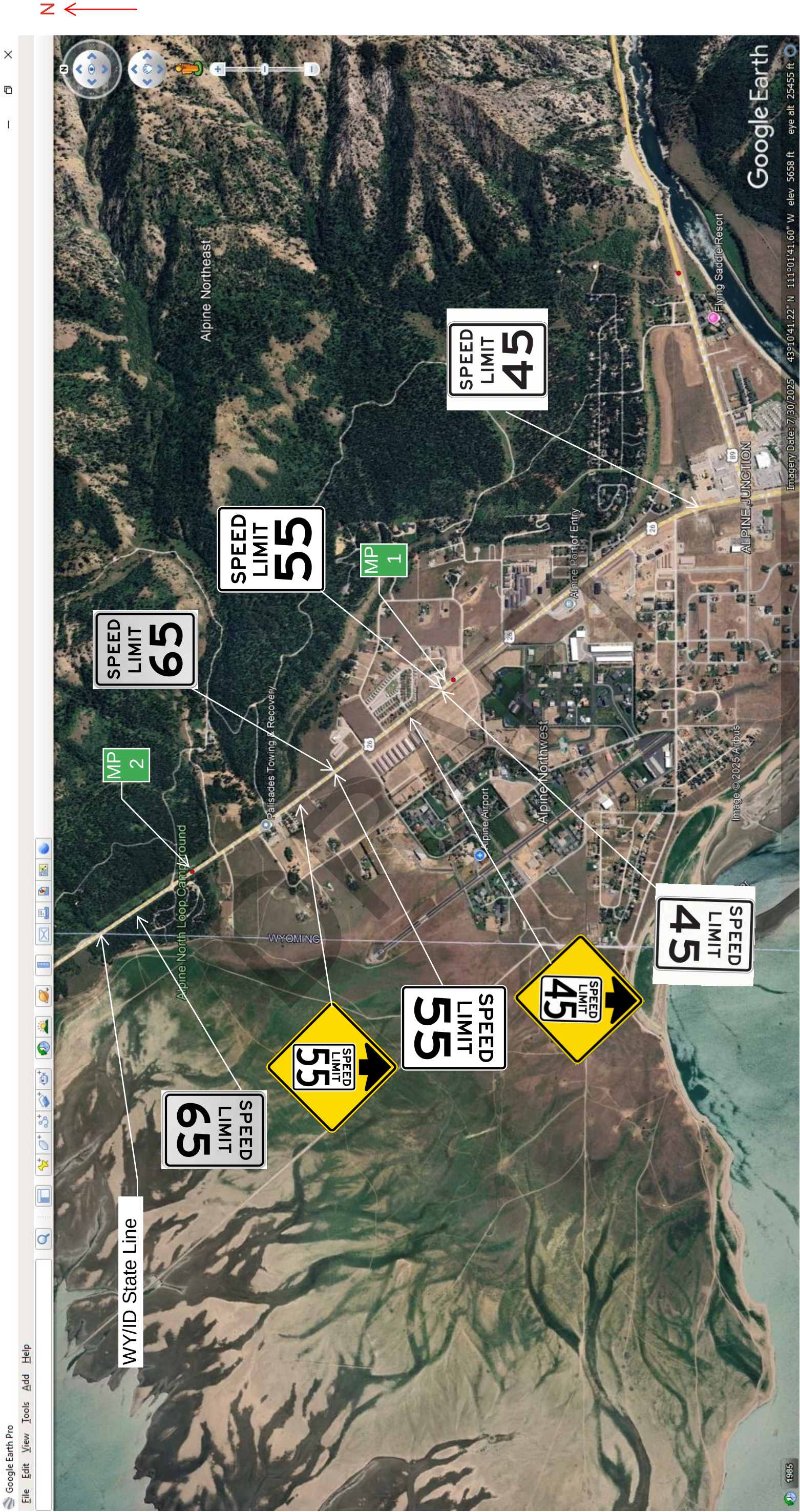
65 mph, RM 1.46 to 2.37 (remain as-is)

The proposed speed limits are shown in **Exhibit 4**.

USLIMITS2 Comparison

The Engineering Approach recommendation above was compared against the USLIMITS2 (Expert System) Approach. The Expert System model uses a decision algorithm to advise the user of the posted speed limit for a specific road section. In other words, the Expert System uses many of the same inputs as the Engineering Approach, minus engineering judgment. The Expert System was used to validate the recommendations made above. Based on the USLIMITS2 Speed Zoning Reports (**Appendix D**) the Engineering Approach recommendation above is supported.

Exhibit 4
Proposed Speed Limit



APPENDIX A

REQUEST LETTER



Darin Kaufman <darin.kaufman@wyo.gov>

Fwd: Request for assistance in slowing down traffic coming into Wyoming from Idaho

Marc Russell <marc.russell@wyo.gov>

Wed, Jul 16, 2025 at 12:41 PM

To: Darin Kaufman <darin.kaufman@wyo.gov>

Cc: John Eddins <john.eddins1@wyo.gov>, Stephanie Harsha <stephanie.harsha@wyo.gov>

Darin, this complaint came into our headquarters, but it seems to be primarily regarding the speed limit and road design (no turn lanes), so I'm forwarding this on to you.

Thanks,

Captain Marc Russell
District 3 Commander
Wyoming Highway Patrol
3200 Elk Street
Rock Springs, WY 82901
Office - (307) 352-3110
Cell - (307) 338-0089
Fax - (307) 352-3119



Vision: "Leaders and partners in public safety ensuring a safer Wyoming."

Mission: "To provide the highest level of safety, security, and service."

Values: Integrity, Courage, Discipline, Loyalty, Diligence, Humility, Optimism, Conviction

----- Forwarded message -----

From: **Tom Pritchard** <tom.pritchard@wyo.gov>

Date: Wed, Jul 16, 2025 at 11:28 AM

Subject: Fwd: Request for assistance in slowing down traffic coming into Wyoming from Idaho

To: Matt Arnell 17 <matt.arnell@wyo.gov>, Marc Russell 32 <marc.russell@wyo.gov>

----- Forwarded message -----

From: **'Steve Chefan' via WHP Customer Comments** <whp.customer.comments@wyo.gov>

Date: Mon, Jul 14, 2025 at 7:14 AM

Subject: Request for assistance in slowing down traffic coming into Wyoming from Idaho

To: <whp.customer.comments@wyo.gov>

please send your reply to my email address: **Saundra Chefan**, copilot12@comcast.net Thank you!

--
Captain Tom Pritchard
Professional Standards

Crash Team Supervisor - ACTAR #2446

FBINA #278

Wyoming Highway Patrol

5300 Bishop Blvd.

Cheyenne, WY 82009

(307) 777-4341 office

(307) 630-4151 cell

(307) 777-4282 fax

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.

E-Mail to and from me, in connection with the transaction of public business, is subject to the Wyoming Public Records Act and may be disclosed to third parties.



WHP Compliments & Complaints Form 012319.pdf

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Wyoming Highway Patrol

Public Compliment or Complaint Form



The Wyoming Highway Patrol is dedicated to providing the highest quality services to residents and visitors of Wyoming. Your compliments and complaints are important. We appreciate you taking the time to communicate with us.

Please identify if this is a ☐ compliment or a ☒ complaint.

About you:				
Name: Ms. Saundra Chefan		Home Phone: 5613174362	Work Phone:	
Home Street Address: 40 East Reserve Drive	City: Alpine	State/Prov: Wy	Country: USA	Zip Code: 83128
Work Street Address:	City:	State/Prov:	Country:	Zip Code:

To be able to identify the WHP employee(s) to which you refer, it is important that you be as specific as possible in your description of the employee(s) and the incident.

About the incident:				
#1 Employee's Name:		Badge #:	Date:	Time:
#2 Employee's Name:		Badge #:	Location:	
Veh Make:	License Plate No.	Other Descriptive Information:		Citation #:

Please provide a brief description of the event(s) that caused you to bring this to our attention.

Dear Sir/Madam: I am writing you of an issue regarding the speed limit on Hwy 89 crossing over from Idaho, along the Palisades into Alpine, WY. As a fairly new resident (5 years) of the Alpine Airpark, I have witnessed multiple accidents and near misses along this stretch of road involving vehicles attempting to slow down and turn right into 3 entrances into the Airpark. The speed limit coming from Idaho into Wyoming is 65 mph. There is a hill as you come into Wyoming from Idaho. Trucks and passenger vehicles gun it into Wyoming, barely slowing down to notice the turning traffic or even pedestrians like myself and other walkers who cross 89 to start the trailhead of the Jordon Loop to hike. We personally turn right onto Palisades Drive adjacent to a row of storage units to get to our home in the airpark. I must put on my turn signal a mile before my turn as the vehicles behind me are going so fast, I fear a rear end collision every day. There is no turn lane from either direction. The same thing happens if you are coming from the town of Alpine heading to Idaho. There is a small airport sign on the left side the road. Again, you have to put your signal on a mile head of that turn to alert drivers you intend to turn. Several years ago, we witnessed one of our neighbors being

If necessary, continue on page 2

Mail to: Wyoming Highway Patrol Customer Comments 5300 Bishop Blvd. Cheyenne, WY 82009	or Email to: whp.customer.comments@wyo.gov	Signature/typed name if sent electronically:
		Date:

Narrative continued from page 1

slammed from behind, totaling their vehicle and sending them to the hospital. We expect, without DOT changing the **speed limits** immediately, and stopping the use of **compression brakes**, or adding some **turn lanes**, tragedy is just a day away. We would like to see new lower speed signs installed, such as 45 at the Idaho/Wyoming border. Once over the border into Wyoming, 35 mph going into Alpine both coming and going would avert disaster. Many tourists travel this road to the Palisades and through town to Jackson this time of year.

I look forward to hearing from your organization about a plan to **slow the traffic down**, install turn lanes and quiet the **compression brakes** along this roadway.

Thank you for any and all consideration.

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Mail to: Wyoming Highway Patrol Customer Comments 5300 Bishop Blvd. Cheyenne, WY 82009	or Email to: whp.customer.comments@wyo.gov	Signature/typed name if sent electronically: Date:
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APPENDIX B

CRASH DATA



WYOMING Department of Transportation

Highway Safety Segment Crash History Report

Roadway Name:

County:LINCOLN

City:

Note: This report was created from data extracted from multiple sources, which are considered to be reliable and up-to-date. However, some of the data sets are known to have some issues (these are consistency and location concerns with the signs focus in the location and nature of safety issues along the study segment). It is expected that on-site validation would be performed before any investment decisions are made.

Highway Safety Segment Crash History Report

Start Year: 2020

End Year: 2024



Developed for Wyoming
Department of Transportation

DATE	STATE NO.	MILEPOST	INJURY	FATALITY	MANNER	LIGHT	FHE	LOCATION	SEVERITY
20 November 2024	202413096	0	1	0	Head On	Daylight	Veh. on road	On Roadway	INJURY
20 June 2024	202405942	0	0	0	Head On	Dawn	Veh. on road	On Roadway	PDO
16 July 2023	202308377	0.0006	0	0	Angle Opp. Dir	Daylight	Veh. on road	On Roadway	PDO
07 October 2022	202211877	0.0192	1	0	Rear End	Daylight	Veh. on road	On Roadway	INJURY
06 August 2021	202109654	0.0302	0	0	Angle Opp. Dir	Daylight	Parked Veh.	Off Roadway	PDO
12 June 2024	202406535	0.1103	0	0	Angle Opp. Dir	Daylight	Veh. on road	On Roadway	PDO
17 July 2022	202208206	0.1973	2	0	Rear End	Daylight	Veh. on road	On Roadway	SERIOUS INJURY
22 August 2024	202408775	0.3574	0	0	Angle Same Dir	Daylight	Veh. on road	On Roadway	PDO
18 January 2022	202201259	0.5077	0	0	Sideswipe Same	Daylight	Veh. on road	On Roadway	PDO
09 June 2024	202405875	0.5968	0	0	Rear End	Daylight	Veh. on road	On Roadway	PDO

LRS Route:ML9I

From RM:0

To RM:2.362



Highway Safety Segment Crash History Report

Start Year: 2020 End Year: 2024



DATE	STATE NO.	MILEPOST	INJURY	FATALITY	MANNER	LIGHT	FHE	LOCATION	SEVERITY
23 December 2021	202115304	0.6386	0	0	Angle Broadside	Daylight	Veh. on road	On Roadway	PDO
17 December 2022	202215152	0.7273	0	0	Not Collision	Darkness	Snow bank	Off Roadway	PDO
08 August 2020	202008055	0.807	0	0	Not Collision	Daylight	Fence	Off Roadway	PDO
16 June 2022	202206774	1.1416	1	0	Rear End	Daylight	Veh. on road	On Roadway	SERIOUS INJURY
04 July 2020	202007390	1.2538	1	0	Not Collision	Daylight	Other (non-coll)	Off Roadway	INJURY
18 November 2020	202012771	1.2997	0	0	null	Dawn	Elk	On Roadway	PDO
06 December 2024	202413403	1.3324	0	0	null	Darkness	Deer	On Roadway	PDO
21 December 2020	202014796	1.3525	1	0	Not Collision	Daylight	Rollover	Shoulder	INJURY
15 September 2023	202310884	1.3626	0	0	null	Dawn	Deer	On Roadway	PDO
26 August 2024	202408927	1.5667	0	0	null	Darkness	Deer	On Roadway	PDO
26 June 2022	202206725	1.6095	0	0	null	Darkness	Cow	On Roadway	PDO
09 September 2023	202313481	1.6521	0	0	null	Darkness	Deer	On Roadway	PDO
15 December 2021	202115213	1.7539	0	0	Not Collision	Darkness	Trees/Shrubbery	Off Roadway	PDO
25 July 2021	202108484	1.8395	0	0	null	Darkness	Deer	On Roadway	PDO
03 June 2021	202106318	1.8807	1	0	Not Collision	Daylight	Rollover	Off Roadway	MINOR INJURY
20 September 2024	202409761	1.9563	0	0	null	Daylight	Deer	On Roadway	PDO
30 May 2023	202307076	2.0737	0	0	Angle Same Dir	Daylight	Veh. on road	On Roadway	PDO
30 September 2024	202410715	2.0792	0	0	Sideswipe Same	Daylight	Veh. on road	Shoulder	PDO
26 August 2020	202009378	2.0916	0	0	Sideswipe Same	Daylight	Veh. on road	On Roadway	PDO
10 June 2021	202106211	2.0971	0	0	null	Darkness	Deer	On Roadway	PDO

Highway Safety Segment Crash History Report



Start Year: 2020 End Year: 2024

DATE	STATE NO.	MILEPOST	INJURY	FATALITY	MANNER	LIGHT	FHE	LOCATION	SEVERITY
04 April 2024	202403713	2.1498	0	0	null	Darkness	Deer	On Roadway	PDO
20 May 2020	202005152	2.352	0	0	null	Darkness	Deer	On Roadway	PDO

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Carcass Count

CREW	SECTION	DATE	SPECIES	SEX	COD	AGE	MP	SUMMARY	
3033	LN13A	1/3/2020	Elk	FEMALE	COLLISION	ADULT	2	2020	5
3033	LN13A	3/11/2020	Mule Deer	FEMALE	COLLISION	JUVENILE	2	2021	3
3033	LN13A	10/21/2020	Mule Deer	FEMALE	COLLISION	ADULT	1	2022	1
3033	LN13A	10/21/2020	White Tail C	FEMALE	COLLISION	ADULT	1.5	2023	4
3033	LN13A	10/21/2020	Mule Deer	FEMALE	COLLISION	ADULT	2	2024	0
3033	LN13A	8/9/2021	Mule Deer	MALE	COLLISION	ADULT	1.5		
3033	LN13A	9/13/2021	Mule Deer	FEMALE	COLLISION	ADULT	0.5		
3033	LN13A	10/29/2021	Mule Deer	FEMALE	COLLISION	JUVENILE	1		
3033	LN13A	5/16/2022	Mule Deer	MALE	COLLISION	ADULT	1.5		
3033	LN13A	10/2/2023	Mule Deer	FEMALE	COLLISION	ADULT	0.5		
3033	LN13A	10/11/2023	Mule Deer	UNKNOWN	COLLISION	JUVENILE	1		
3033	LN13A	10/23/2023	Mule Deer	FEMALE	COLLISION	JUVENILE	0.5		
3033	LN13A	11/6/2023	Mule Deer	FEMALE	COLLISION	YEARLING	0.7		

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APPENDIX C

SPOT SPEED DATA



Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.15 RT
POSTED SPEED LIMIT: 45
Direction: Westbound, Lane 1

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY PERFORMED BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	1	2	3	1	0	0	0	0	0	7
1:00	0	0	0	3	1	2	0	0	0	0	0	0	6
2:00	0	0	1	3	1	2	1	0	0	0	0	0	8
3:00	0	0	1	0	0	0	1	0	0	0	0	0	2
4:00	0	0	1	2	5	2	4	0	0	0	0	0	14
5:00	0	0	1	3	8	8	4	1	1	1	0	0	28
6:00	0	3	4	6	11	17	16	8	2	0	0	0	67
7:00	0	2	9	12	18	21	16	5	1	1	0	0	85
8:00	0	3	6	27	16	26	22	9	1	0	0	0	110
9:00	1	2	12	17	20	36	24	6	5	0	0	0	123
10:00	0	2	4	17	25	18	20	9	0	0	0	0	95
11:00	0	1	8	32	18	27	13	5	1	1	0	0	108
12:00 PM	0	0	11	33	18	23	24	8	1	0	0	0	125
1:00	0	2	11	21	35	31	20	4	0	1	0	0	101
2:00	0	2	2	17	25	28	19	6	1	0	1	0	126
3:00	0	1	12	18	20	35	27	13	0	0	0	0	123
4:00	0	0	4	20	33	37	20	4	3	1	0	0	132
5:00	0	1	10	25	27	29	31	7	1	0	0	1	85
6:00	0	0	4	18	20	20	17	4	1	0	0	1	51
7:00	0	1	0	10	11	12	8	2	1	0	0	0	55
8:00	0	1	3	10	9	14	11	6	1	0	0	0	50
9:00	0	1	7	7	5	13	13	3	1	0	0	0	19
10:00	0	0	0	4	4	6	5	0	0	0	0	0	19
11:00	0	0	4	4	4	6	0	1	0	0	0	0	19
Total	1	2	26	310	336	416	317	101	21	5	1	2	1659
Grand Total	1	2	26	310	336	416	317	101	21	5	1	2	1659
Stats	Percentile												
	Speed												
	Mean Speed (Average)												
	10 MPH Pace Speed												
	Number in Pace												
	Percent in Pace												
	Number > 45 MPH												
	Percent > 45 MPH												



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.15 RT
SPEED LIMIT: 45

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Westbound, Lane 1





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.15 RT
POSTED SPEED LIMIT: 45
Direction: Eastbound, Lane 2

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY PERFORMED BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	1	1	4	0	0	0	0	0	7
1:00	0	0	0	0	1	2	0	0	0	0	0	3
2:00	0	0	0	0	0	2	0	0	0	0	0	2
3:00	0	0	0	4	1	2	2	0	0	0	0	10
4:00	0	0	0	10	5	7	2	2	0	0	0	26
5:00	0	0	1	10	12	26	9	7	0	0	0	70
6:00	0	6	14	39	34	48	23	5	2	0	0	171
7:00	0	3	19	43	32	62	19	4	2	0	0	184
8:00	0	5	14	40	35	39	17	1	1	0	0	152
9:00	0	4	18	46	38	52	10	1	0	0	0	169
10:00	0	3	23	42	48	27	15	2	0	0	0	164
11:00	0	5	16	45	25	45	11	1	0	0	0	149
12:00 PM	0	11	26	41	44	39	11	1	0	0	0	173
1:00	0	8	28	28	44	30	6	0	0	1	0	145
2:00	0	1	21	42	41	30	13	3	1	0	0	160
3:00	0	5	16	44	46	35	13	1	1	0	0	161
4:00	1	3	7	49	47	42	16	0	0	0	0	184
5:00	0	1	13	43	46	29	17	2	0	0	0	167
6:00	1	3	9	17	26	31	13	7	1	0	0	109
7:00	0	1	8	12	34	23	15	1	0	0	0	94
8:00	0	2	7	15	24	24	9	1	0	0	0	92
9:00	0	2	1	11	15	12	11	1	0	0	0	57
10:00	0	1	3	7	5	8	2	0	0	0	0	29
11:00	0	0	1	3	6	5	3	1	0	0	0	22
Total	2	16	95	274	592	610	237	41	8	1	0	2500
Grand Total	2	16	95	274	592	610	237	41	8	1	0	2500

Stats	Percentile	Speed
Mean Speed (Average)	15th	29
10 MPH Pace Speed	37.5	46
Number in Pace	35-44	
Percent in Pace	1227	
Number > 45 MPH	50.0%	
Percent > 45 MPH	287	
	11.5%	



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.15 RT
SPEED LIMIT: 45

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Eastbound, Lane 2





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.15 RT
POSTED SPEED LIMIT: 45
Direction: Combined

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY PERFORMED BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH
12:00 AM	0	0	0	1	2	3	7	1	0	0	0	0	14
1:00	0	0	0	0	3	2	4	0	0	0	0	0	9
2:00	0	0	0	1	3	1	4	1	0	0	0	0	10
3:00	0	0	0	2	4	1	2	3	0	0	0	0	12
4:00	0	0	0	1	12	10	9	6	2	0	0	0	40
5:00	0	0	2	6	13	20	34	13	8	1	0	0	98
6:00	0	0	9	18	45	45	65	39	13	4	0	0	238
7:00	0	0	5	28	55	50	83	35	9	3	1	0	269
8:00	0	0	8	20	67	51	65	39	10	2	0	0	262
9:00	1	0	6	30	63	58	88	34	7	5	0	0	292
10:00	0	4	5	27	59	73	45	35	11	0	0	0	259
11:00	0	2	7	24	77	43	72	24	6	1	0	0	257
12:00 PM	0	0	13	37	74	62	62	35	9	1	0	0	293
1:00	0	0	10	39	49	79	61	26	4	0	0	0	270
2:00	0	1	10	23	59	66	58	32	9	2	0	0	261
3:00	0	0	6	28	62	66	70	40	14	0	0	0	287
4:00	1	3	8	23	69	80	79	36	4	1	0	0	307
5:00	0	1	14	26	68	73	58	48	9	1	0	1	299
6:00	1	1	3	13	35	46	51	30	11	0	0	1	194
7:00	0	1	1	14	22	45	35	23	3	1	0	0	145
8:00	0	2	8	13	25	33	38	20	7	1	0	0	147
9:00	0	2	2	11	18	20	25	24	4	1	0	0	107
10:00	0	1	3	11	11	9	14	7	0	0	0	0	48
11:00	0	0	1	7	7	10	11	3	2	0	0	0	41
Total	3	18	121	395	902	946	1040	554	142	29	6	1	2
Grand Total	3	18	121	395	902	946	1040	554	142	29	6	1	2
Stats	Percentile	Speed	15th	50th	85th	95th							
	Mean Speed (Average)	38.7	29	38	45	49							
	10 MPH Pace Speed	36-45											
	Number in Pace	1965											
	Percent in Pace	48.0%											
	Number > 45 MPH	734											
	Percent > 45 MPH	17.6%											



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.15 RT
SPEED LIMIT: 45

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Combined

Speed (MPH)	Volume
14	0
15	3
16	3
17	4
18	4
19	7
20	3
21	19
22	35
23	11
24	55
25	68
26	43
27	127
28	69
29	154
30	277
31	131
32	324
33	162
34	314
35	332
36	198
37	346
38	140
39	362
40	383
41	222
42	444
43	303
44	142
45	285
46	133
47	209
48	125
49	70
50	107
51	27
52	42
53	29
54	12
55	17
56	2
57	9
58	9
59	2
60	6
61	0
62	2
63	2
64	2



Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.84LT
SPEED LIMIT: 45

Direction: Eastbound, Lane 1

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time	0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	0	1	1	1	2	1	0	0	0	6
1:00	0	0	1	0	2	1	0	0	0	0	0	0	4
2:00	0	0	0	0	1	0	0	0	1	0	0	0	2
3:00	0	0	0	0	1	3	2	1	0	1	0	0	8
4:00	0	0	0	2	2	5	5	1	3	1	0	0	19
5:00	0	0	0	3	6	6	13	8	2	1	1	0	40
6:00	0	2	2	3	18	24	27	14	10	2	1	0	101
7:00	0	2	3	1	10	34	27	17	4	2	0	0	100
8:00	0	3	1	2	10	28	22	15	5	2	1	0	89
9:00	0	0	0	1	18	26	27	7	8	1	0	0	88
10:00	1	0	7	1	11	28	23	13	3	0	0	0	88
11:00	0	1	1	2	17	23	19	12	6	1	0	0	85
12:00 PM	1	2	2	1	18	21	18	10	2	1	0	0	81
1:00	2	0	4	1	9	19	23	15	4	2	2	0	87
2:00	0	1	1	4	13	23	23	17	5	0	0	0	91
3:00	0	0	3	6	11	24	25	19	2	3	2	0	98
4:00	1	2	3	1	10	18	26	19	10	1	1	0	95
5:00	0	0	0	4	14	24	25	14	1	3	0	0	89
6:00	0	1	2	1	8	20	22	11	6	1	1	0	74
7:00	0	1	2	1	18	22	20	7	4	5	0	0	83
8:00	0	0	4	5	14	15	10	10	3	1	1	0	64
9:00	0	0	0	9	9	15	11	2	0	1	0	0	47
10:00	0	0	0	4	5	7	4	2	0	0	0	0	24
11:00	0	0	0	0	2	5	5	3	1	1	0	0	17
Total	5	8	37	34	228	392	378	219	81	30	10	0	1480
Grand Total	5	8	37	34	228	392	378	219	81	30	10	0	1480
Stats	Percentile												
	Speed												
	Mean Speed (Average)												
	10 MPH Pace Speed												
	Number in Pace												
	Percent in Pace												
	Number > 45 MPH												
	Percent > 45 MPH												



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

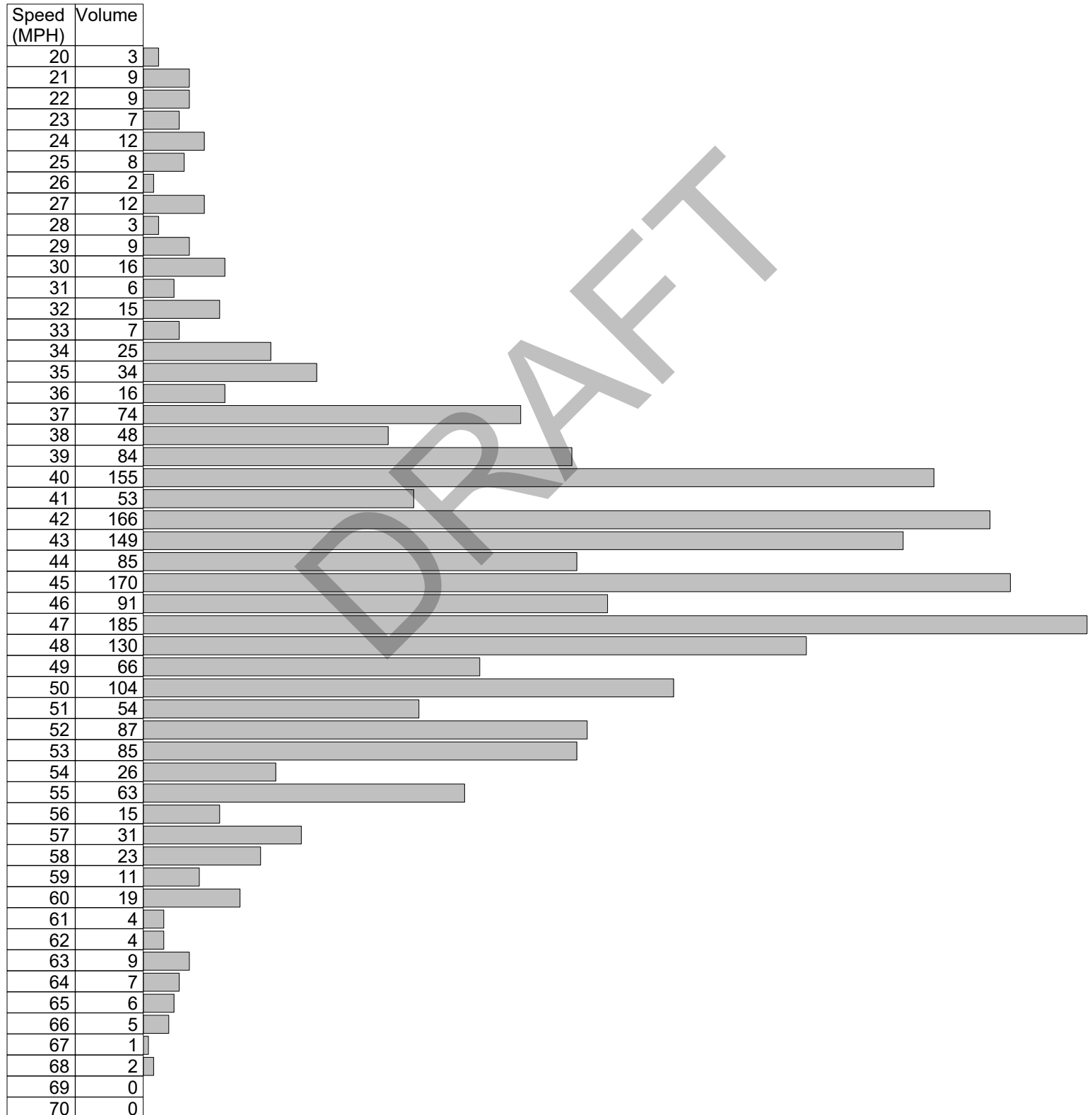
Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.84LT
SPEED LIMIT: 45

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Eastbound, Lane 1





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.84LT
SPEED LIMIT: 45
Direction: Westbound, Lane 2

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time	0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	0	1	0	0	3	3	0	0	0	7
1:00	0	0	0	1	0	1	3	2	0	0	0	0	7
2:00	0	0	0	1	1	3	1	1	0	0	0	0	7
3:00	0	0	0	0	0	1	0	1	0	1	0	0	3
4:00	0	0	0	1	1	1	4	0	3	2	1	1	14
5:00	0	0	0	0	1	0	5	8	3	2	0	0	19
6:00	2	1	1	2	1	5	10	13	6	9	0	1	52
7:00	1	1	2	1	0	4	18	15	16	12	1	0	72
8:00	1	1	1	2	1	8	14	28	28	22	2	0	109
9:00	0	1	2	1	2	5	25	39	21	7	5	0	108
10:00	1	0	1	1	1	7	24	28	15	7	6	1	93
11:00	1	1	3	0	1	3	29	31	25	10	8	0	117
12:00 PM	1	0	4	0	1	6	27	25	27	10	1	1	106
1:00	0	0	1	0	0	9	34	41	25	11	5	2	128
2:00	1	0	4	1	3	8	15	34	24	14	5	0	110
3:00	3	1	2	0	2	9	27	30	35	9	3	1	122
4:00	0	1	5	2	4	13	27	29	26	15	2	1	126
5:00	0	0	1	1	1	12	19	41	30	18	8	1	132
6:00	0	0	1	0	1	11	23	33	34	15	6	1	127
7:00	0	0	3	1	0	8	20	15	20	12	1	0	84
8:00	0	0	1	0	3	8	13	18	6	11	2	0	62
9:00	0	0	1	1	0	6	10	11	10	4	2	0	46
10:00	0	0	0	0	2	1	8	4	7	3	1	0	26
11:00	0	0	0	0	1	2	3	4	1	0	1	0	12
Total	11	8	21	34	28	131	359	454	365	194	60	10	1689
Grand Total	11	8	21	34	28	131	359	454	365	194	60	10	1689

Stats	Percentile	Speed	Mean Speed (Average)	10 MPH Pace Speed	Number in Pace	Percent in Pace	Number > 45 MPH	Percent > 45 MPH
	15th	44	52.3	49-58	819	49.0%	1442	85.4%
	50th	52						
	85th	59						
	95th	64						



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.84LT
SPEED LIMIT: 45

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Westbound, Lane 2





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.84LT
SPEED LIMIT: 45
Direction: Combined

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	0	2	1	1	5	4	0	0	0	13
1:00	0	0	1	1	2	2	3	2	0	0	0	0	11
2:00	0	0	0	1	2	3	1	1	1	0	0	0	9
3:00	0	0	0	0	1	4	2	2	0	2	0	0	11
4:00	0	0	0	3	3	6	9	1	6	3	1	1	33
5:00	0	0	0	0	7	6	18	16	5	3	1	0	59
6:00	2	3	2	3	19	29	37	27	16	11	1	1	153
7:00	1	3	5	2	10	38	45	32	20	14	1	0	172
8:00	1	1	2	4	11	36	36	43	33	24	3	0	198
9:00	0	1	2	2	20	31	52	46	29	8	5	0	196
10:00	2	0	8	2	12	35	47	41	18	7	6	1	181
11:00	1	2	6	3	18	26	48	43	31	11	8	0	202
12:00 PM	2	2	5	5	19	27	45	35	29	11	1	1	187
1:00	2	0	4	7	9	28	57	56	29	13	7	2	215
2:00	1	1	2	5	16	31	38	51	29	14	5	0	201
3:00	3	1	3	8	13	33	52	49	37	12	5	1	220
4:00	1	3	4	6	14	31	53	48	36	16	3	1	221
5:00	0	0	1	4	15	36	44	55	31	21	8	1	221
6:00	0	1	2	2	9	31	45	44	40	16	7	1	201
7:00	0	1	5	4	18	30	40	22	24	17	1	0	167
8:00	0	0	4	2	17	23	23	28	9	12	3	0	126
9:00	0	0	1	10	9	21	21	13	10	5	2	0	93
10:00	0	0	2	4	7	8	12	6	7	3	1	0	50
11:00	0	0	0	0	3	7	8	7	2	1	1	0	29
Total	16	16	58	68	256	523	737	673	446	224	70	10	3169
Grand Total	16	16	58	68	256	523	737	673	446	224	70	10	3169
Stats													
	Percentile												
	Speed												
	Mean Speed (Average)												
	10 MPH Pace Speed												
	Number in Pace												
	Percent in Pace												
	Number > 45 MPH												
	Percent > 45 MPH												



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

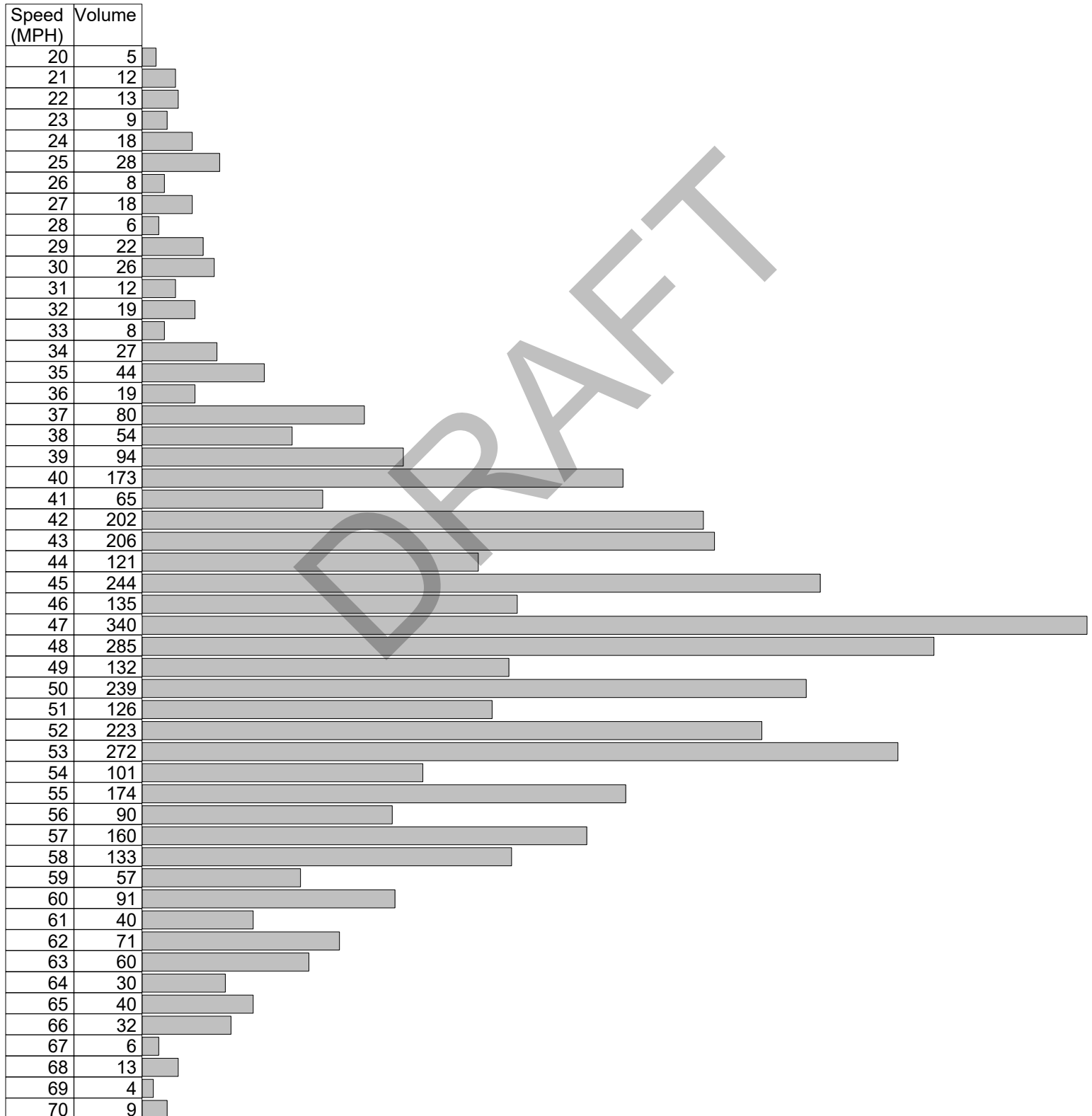
Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 0.84LT
SPEED LIMIT: 45

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Combined





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.24LT
SPEED LIMIT: 65

Direction: Eastbound, Lane 1

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 - 55 MPH	> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	> 70 MPH	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	6
1:00	0	0	0	0	0	0	0	0	0	0	0	0	3
2:00	0	0	0	0	0	0	0	0	0	0	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0	0	8
4:00	0	0	0	0	0	0	0	0	0	0	0	0	16
5:00	0	0	0	0	0	0	0	0	0	0	0	0	25
6:00	0	0	0	0	0	0	0	0	0	0	0	0	74
7:00	0	0	0	0	0	0	0	0	0	0	0	0	70
8:00	0	0	0	0	0	0	0	0	0	0	0	0	72
9:00	0	0	0	0	0	0	0	0	0	0	0	0	77
10:00	0	0	0	0	0	0	0	0	0	0	0	0	78
11:00	0	0	0	0	0	0	0	0	0	0	0	0	69
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	64
1:00	0	0	0	0	0	0	0	0	0	0	0	0	70
2:00	0	0	0	0	0	0	0	0	0	0	0	0	71
3:00	0	0	0	0	0	0	0	0	0	0	0	0	82
4:00	0	0	0	0	0	0	0	0	0	0	0	0	78
5:00	0	0	0	0	0	0	0	0	0	0	0	0	71
6:00	0	0	0	0	0	0	0	0	0	0	0	0	48
7:00	0	0	0	0	0	0	0	0	0	0	0	0	63
8:00	0	0	0	0	0	0	0	0	0	0	0	0	51
9:00	0	0	0	0	0	0	0	0	0	0	0	0	41
10:00	0	0	0	0	0	0	0	0	0	0	0	0	21
11:00	0	0	0	0	0	0	0	0	0	0	0	0	16
Total	6	8	3	5	24	47	49	106	229	331	263	87	1176
Grand Total	6	8	3	5	24	47	49	106	229	331	263	87	1176
Stats	Percentile	Speed	15th	50th	85th	95th							
Mean Speed (Average)			46	56	62	65							
10 MPH Pace Speed			55.5										
Number in Pace			54-63										
Percent in Pace			591										
Number > 65 MPH			51.0%										
Percent > 65 MPH			105										
			8.9%										



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.24 LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Eastbound, Lane 1





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.24LT
SPEED LIMIT: 65
Direction: Westbound, Lane 2

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time	0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	0	0	0	0	0	3	1	0	0	5
1:00	0	0	0	0	0	2	0	0	3	1	0	0	6
2:00	0	0	0	0	0	1	3	1	0	0	0	0	5
3:00	0	0	0	0	0	0	0	1	1	0	0	0	2
4:00	0	0	0	0	1	0	0	2	1	4	3	1	12
5:00	0	1	0	0	0	0	0	0	5	4	3	0	16
6:00	1	0	1	0	0	3	4	9	12	12	6	1	50
7:00	2	1	0	1	1	3	6	12	13	18	12	1	71
8:00	0	0	0	0	2	0	6	17	26	33	12	1	97
9:00	0	0	0	0	1	2	7	22	38	19	12	2	103
10:00	0	0	0	1	0	2	7	11	29	24	9	2	85
11:00	0	0	0	0	0	3	9	22	24	29	12	2	101
12:00 PM	0	0	0	0	5	1	6	18	28	31	8	3	100
1:00	0	1	0	1	1	9	12	12	32	29	15	3	116
2:00	0	0	0	0	0	5	8	13	22	30	19	3	100
3:00	0	0	1	0	3	4	5	17	22	40	17	4	113
4:00	1	0	0	0	1	3	11	23	26	31	17	0	113
5:00	0	0	0	0	1	3	6	11	30	38	18	6	113
6:00	0	1	0	0	2	3	10	17	29	17	8	4	91
7:00	0	0	1	0	3	4	5	11	13	20	11	0	69
8:00	3	0	1	0	1	3	8	10	13	8	4	0	51
9:00	0	0	0	0	0	0	4	7	11	8	2	1	33
10:00	0	0	0	0	0	1	1	5	1	5	5	0	18
11:00	0	0	0	0	0	1	2	1	3	1	2	0	10
Total	7	4	5	3	22	53	120	246	385	403	195	34	1480
Grand Total	7	4	5	3	22	53	120	246	385	403	195	34	1480

Stats	Percentile	Speed
Mean Speed (Average)	15th	49
10 MPH Pace Speed	50th	57
Number in Pace	85th	64
Percent in Pace	95th	67
Number > 65 MPH		229
Percent > 65 MPH		15.5%



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.24 LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Westbound, Lane 2





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.24LT
SPEED LIMIT: 65
Direction: Combined

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025		> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time 0 - 15 MPH		MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH
12:00 AM		0	1	0	0	0	1	0	0	3	4	1	0	11
1:00		0	0	0	0	0	0	3	2	3	1	0	0	9
2:00		0	0	0	0	0	0	1	3	1	0	0	0	7
3:00		0	0	0	0	0	0	0	2	2	1	0	0	10
4:00		0	0	0	0	0	0	0	1	7	6	4	2	28
5:00		0	1	0	0	1	0	0	3	12	11	4	2	41
6:00		1	1	1	4	2	5	11	13	30	34	17	4	124
7:00		2	1	0	3	2	6	8	24	36	35	19	4	141
8:00		0	0	0	1	5	3	10	34	42	53	19	2	169
9:00		2	0	0	0	4	5	10	37	65	34	19	3	180
10:00		0	1	0	1	4	4	15	25	49	46	14	2	163
11:00		1	1	0	1	3	5	18	34	43	43	18	3	170
12:00 PM		0	1	0	3	8	6	11	42	44	33	13	3	164
1:00		1	1	0	2	5	12	23	25	48	46	18	4	186
2:00		0	0	1	0	5	7	14	26	47	45	23	3	171
3:00		0	1	0	1	8	7	14	34	45	57	21	5	195
4:00		1	0	1	0	3	8	14	36	48	56	24	0	191
5:00		1	0	1	1	3	7	14	23	56	52	20	6	184
6:00		0	1	0	1	2	5	12	27	47	29	10	5	139
7:00		0	1	1	3	8	6	9	21	33	31	16	2	102
8:00		3	1	1	1	1	7	15	19	24	20	8	0	102
9:00		1	0	0	0	4	3	8	19	19	15	4	1	74
10:00		0	0	0	2	0	1	4	10	7	10	5	0	39
11:00		0	0	0	0	0	1	5	5	5	4	5	1	26
Total		13	12	8	27	69	102	226	475	716	666	282	52	2656
Grand Total		13	12	8	27	69	102	226	475	716	666	282	52	2656
Stats														
		Percentile												
		Speed												
		Mean Speed (Average)												
		10 MPH Pace Speed												
		Number in Pace												
		Percent in Pace												
		Number > 65 MPH												
		Percent > 65 MPH												



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.24 LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Combined





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.37LT
SPEED LIMIT: 65

Direction: Eastbound, Lane 1

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 - 55 MPH	> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	> 70 MPH	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH
12:00 AM	0	0	0	0	0	0	2	0	0	2	1	0	5
1:00	0	0	0	0	0	0	2	1	0	0	0	0	3
2:00	0	0	0	0	0	0	0	0	0	1	0	0	1
3:00	0	0	0	0	0	0	2	2	2	2	0	0	8
4:00	0	0	0	0	0	0	2	1	5	5	3	0	16
5:00	0	0	0	0	0	0	1	4	8	4	5	2	24
6:00	0	0	0	1	1	2	3	8	11	19	13	3	61
7:00	0	0	0	0	2	1	2	8	18	20	10	3	64
8:00	0	0	0	1	0	1	2	13	21	16	9	3	66
9:00	0	0	2	0	1	2	6	10	23	21	12	0	77
10:00	0	0	3	0	0	0	3	20	18	19	10	0	73
11:00	0	1	0	0	0	4	1	15	15	17	7	1	61
12:00 PM	0	0	1	3	0	2	7	13	14	13	3	0	56
1:00	0	0	0	0	0	1	5	9	18	12	3	1	49
2:00	0	0	0	0	1	1	1	13	19	20	6	2	63
3:00	0	0	0	0	0	2	5	10	25	20	10	0	72
4:00	0	0	0	0	0	1	3	12	20	14	11	1	62
5:00	0	0	0	0	0	1	3	14	20	17	6	0	61
6:00	0	0	0	1	0	0	1	12	11	16	6	0	47
7:00	0	0	0	0	1	2	4	6	18	13	9	1	54
8:00	0	0	0	0	0	2	1	7	19	14	2	0	45
9:00	0	0	0	0	1	3	7	5	8	8	4	0	36
10:00	0	0	0	0	1	2	0	7	3	6	2	0	21
11:00	0	0	0	0	0	0	2	1	2	3	3	1	12
Total	0	1	0	6	8	27	65	191	298	282	135	18	1037
Grand Total	0	1	0	6	8	27	65	191	298	282	135	18	1037
Stats	Percentile	Speed	15th	50th	85th	95th							
Mean Speed (Average)	51	57	64	67									
10 MPH Pace Speed	58.4												
Number in Pace	56-65												
Percent in Pace	575												
Number > 65 MPH	56.0%												
Percent > 65 MPH	153												
	14.8%												



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.37LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Eastbound, Lane 1





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.37LT
SPEED LIMIT: 65
Direction: Westbound, Lane 2

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

Direction: Westbound, Lane 2

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time	0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	0	0	0	0	2	2	1	0	0	5
1:00	0	0	0	0	0	0	3	1	0	0	3	0	7
2:00	0	0	0	0	0	1	3	0	1	0	0	0	5
3:00	0	0	0	0	0	0	0	0	2	0	0	0	2
4:00	0	0	0	0	0	0	0	2	2	3	4	1	12
5:00	0	0	0	1	1	0	1	2	3	5	3	1	16
6:00	0	0	1	1	0	1	1	8	14	14	6	1	47
7:00	0	0	1	0	1	3	4	8	14	19	10	2	62
8:00	0	0	0	1	0	2	2	10	28	33	12	5	93
9:00	0	0	0	1	1	2	5	27	27	29	6	2	100
10:00	0	0	0	1	0	2	6	8	20	31	12	2	82
11:00	0	0	0	1	0	2	5	24	22	26	14	1	95
12:00 PM	0	0	1	0	0	2	5	14	25	22	10	7	86
1:00	0	0	0	1	2	2	4	19	32	31	13	1	105
2:00	0	0	2	0	2	0	8	12	17	27	24	1	93
3:00	0	0	2	3	1	1	3	19	22	39	20	5	116
4:00	0	1	2	1	2	1	9	13	30	41	13	2	115
5:00	0	0	3	0	0	1	4	11	29	42	18	4	113
6:00	0	0	1	1	0	2	8	13	27	23	8	6	89
7:00	0	0	1	1	0	3	1	9	17	19	10	4	65
8:00	0	0	1	1	1	1	5	13	11	10	5	0	48
9:00	0	0	0	0	0	1	2	4	12	9	2	1	31
10:00	0	0	0	0	0	0	0	6	1	3	5	1	16
11:00	0	0	0	0	0	1	0	1	3	2	0	0	10
Total	0	1	5	13	14	28	79	226	361	429	200	47	1413
Grand Total	0	1	5	13	14	28	79	226	361	429	200	47	1413



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

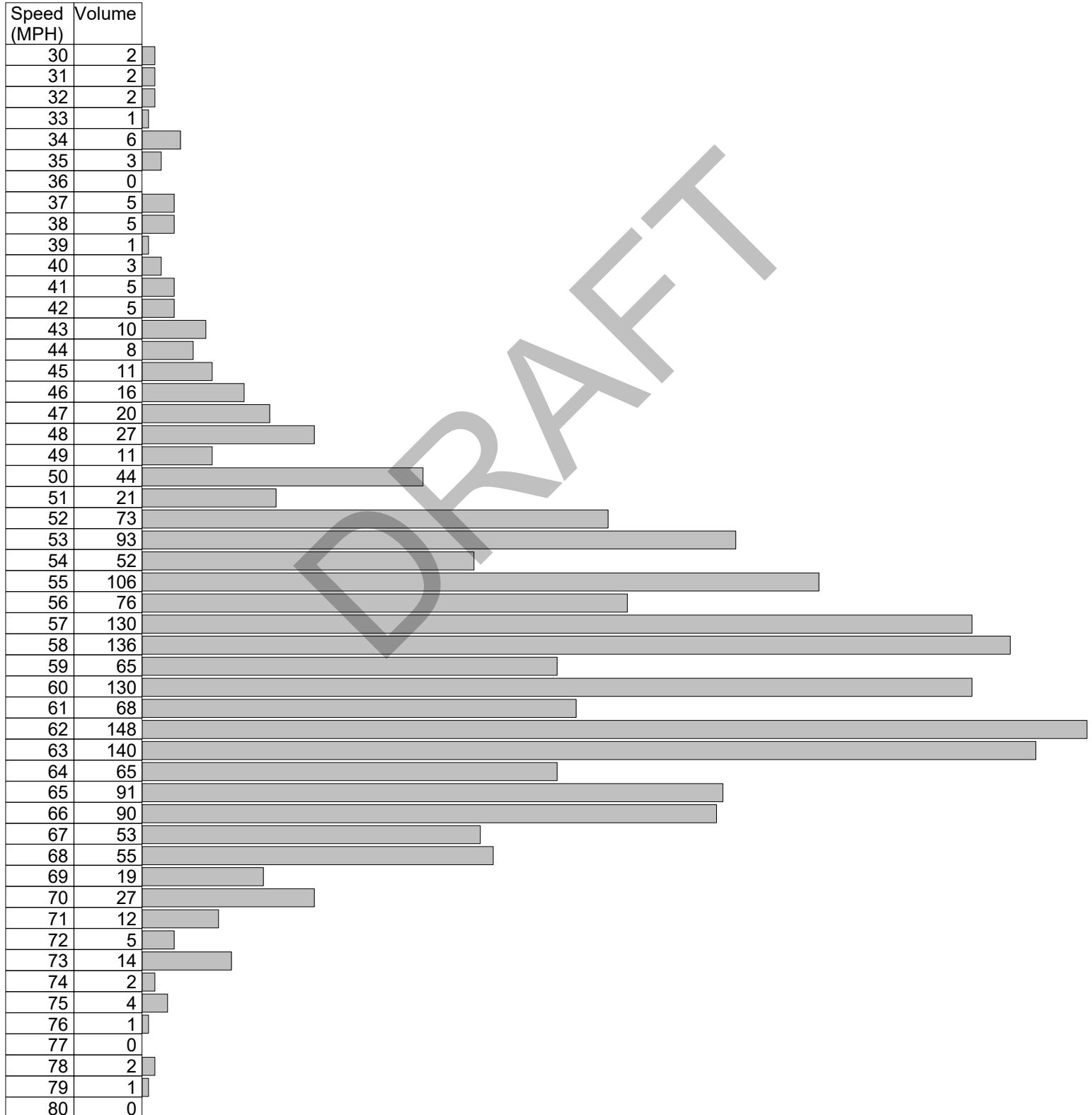
Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.37LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Westbound, Lane 2





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.37LT
SPEED LIMIT: 65
Direction: Combined

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	0	0	0	2	2	2	3	1	0	10
1:00	0	0	0	0	0	0	5	2	0	0	3	0	10
2:00	0	0	0	0	0	1	3	0	1	1	0	0	6
3:00	0	0	0	0	0	0	2	2	4	2	0	0	10
4:00	0	0	0	0	0	0	2	3	7	8	7	1	28
5:00	0	0	0	1	0	0	2	6	11	9	8	3	40
6:00	0	0	1	2	1	3	4	16	25	33	19	4	108
7:00	0	0	1	0	3	4	6	16	32	39	20	5	126
8:00	0	0	0	2	0	3	4	23	49	49	21	8	159
9:00	0	0	0	1	2	4	11	37	50	50	18	2	177
10:00	0	0	3	1	0	2	9	28	38	50	22	2	155
11:00	0	1	0	1	0	6	6	39	37	43	21	2	156
12:00 PM	0	0	2	3	0	4	12	27	4	35	13	7	142
1:00	0	0	0	1	2	3	9	28	50	43	16	2	154
2:00	0	0	2	0	3	1	9	25	36	47	30	3	156
3:00	0	0	2	3	1	3	8	29	47	59	30	5	188
4:00	0	1	2	1	2	2	12	25	50	55	24	3	177
5:00	0	0	3	0	0	2	7	25	49	59	24	4	174
6:00	0	0	1	2	0	2	9	25	38	39	14	6	136
7:00	0	1	0	1	1	5	5	15	35	32	19	5	119
8:00	0	0	0	1	1	3	6	20	30	24	7	0	93
9:00	0	0	0	0	1	4	9	9	20	17	6	1	67
10:00	0	0	0	0	1	2	0	13	4	9	7	1	37
11:00	0	1	0	0	0	1	2	2	5	5	5	1	22
Total	0	2	5	19	20	55	144	417	659	711	335	65	2450
Grand Total	0	2	5	19	20	55	144	417	659	711	335	65	2450
Stats	Percentile	Speed	15th	50th	85th	95th							
Mean Speed (Average)			51	58	64	67							
10 MPH Pace Speed			58.7										
Number in Pace			56-65										
Percent in Pace			1360										
Number > 65 MPH			56.0%										
Percent > 65 MPH			400										
			16.3%										



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

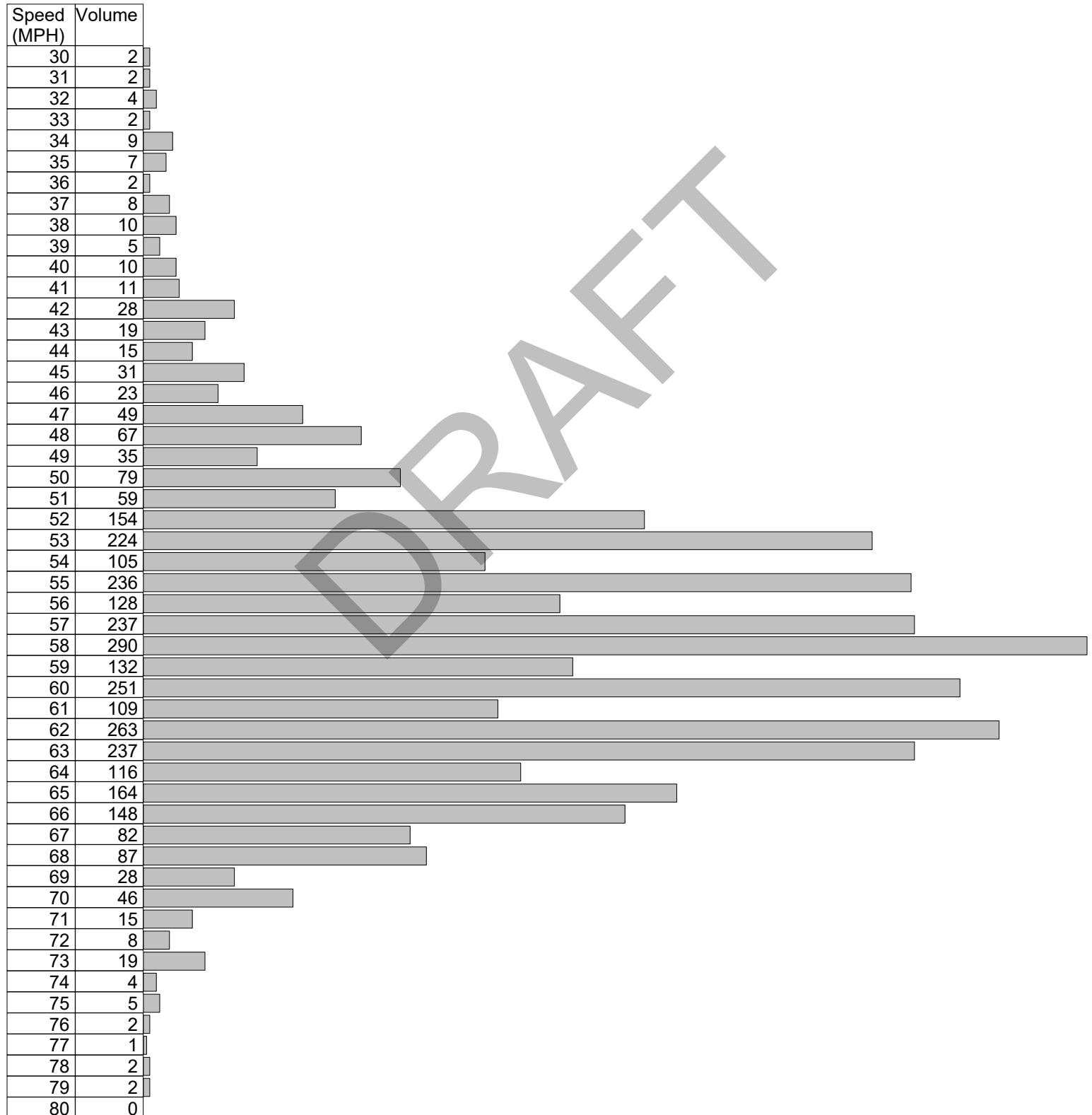
Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.37LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Combined





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.91LT
SPEED LIMIT: 65

Direction: Eastbound, Lane 1

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025													
Time	0 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 - 55 MPH	> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	Total
12:00 AM	0	0	0	0	0	0	0	0	1	2	2	0	5
1:00	0	0	0	0	0	0	0	2	1	0	0	0	3
2:00	0	0	0	0	0	0	0	0	0	0	0	1	1
3:00	0	0	0	0	0	0	1	1	2	0	4	0	8
4:00	0	0	0	0	0	0	1	2	6	0	3	2	14
5:00	0	0	0	0	0	0	2	1	2	8	9	2	25
6:00	0	0	0	0	0	0	1	3	3	17	17	11	55
7:00	0	0	0	0	0	0	0	6	11	23	16	6	63
8:00	0	0	0	0	0	0	2	5	15	13	18	3	61
9:00	1	0	0	3	1	1	1	2	12	25	14	11	72
10:00	0	0	0	0	0	0	1	7	14	27	14	4	67
11:00	0	0	0	0	1	0	0	4	12	22	12	7	59
12:00 PM	0	0	0	0	0	0	2	4	16	17	11	2	52
1:00	0	0	0	0	0	0	3	2	18	15	8	2	50
2:00	0	0	0	0	0	1	1	1	12	18	17	3	53
3:00	0	0	0	0	0	2	3	0	15	17	19	5	62
4:00	0	0	0	0	0	1	1	1	11	19	22	4	59
5:00	0	0	0	0	0	1	1	6	17	20	11	7	63
6:00	0	0	0	0	0	1	0	4	11	17	12	3	49
7:00	0	0	0	0	1	0	1	3	10	17	11	4	47
8:00	0	0	0	0	0	0	1	2	14	12	9	2	40
9:00	0	0	0	1	0	1	1	5	4	6	11	5	34
10:00	0	0	0	0	0	0	2	2	3	5	3	1	16
11:00	0	0	0	0	0	0	0	1	3	3	3	1	12
Total	1	0	0	4	4	8	25	64	213	303	246	86	970
Grand Total	1	0	0	4	4	8	25	64	213	303	246	86	970



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.91LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Eastbound, Lane 1





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.91LT
SPEED LIMIT: 65
Direction: Westbound, Lane 2

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time	0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	Total
12:00 AM	0	0	0	0	0	0	0	0	1	3	0	0	4
1:00	0	0	0	0	0	0	0	4	0	1	1	1	7
2:00	0	0	0	0	0	2	2	1	1	0	0	0	6
3:00	0	0	0	0	0	1	0	1	1	0	0	0	3
4:00	0	0	0	0	0	0	0	1	2	3	1	4	11
5:00	0	0	0	0	0	0	0	2	6	3	3	1	15
6:00	0	0	0	0	0	1	1	4	11	12	14	1	44
7:00	0	0	0	0	1	2	1	4	16	19	15	2	60
8:00	0	0	0	1	0	1	2	6	24	35	21	1	91
9:00	0	0	0	0	1	1	5	13	32	32	15	2	101
10:00	0	0	0	0	0	0	6	7	15	34	20	4	86
11:00	0	0	0	0	0	0	1	19	20	29	21	8	98
12:00 PM	0	0	0	0	0	0	1	8	22	35	24	4	94
1:00	0	0	0	1	0	0	9	10	17	33	25	7	102
2:00	0	0	0	1	2	1	2	12	23	38	17	6	102
3:00	0	0	0	0	0	1	4	5	25	35	34	6	110
4:00	0	0	0	0	1	0	2	13	23	43	23	9	114
5:00	0	0	0	0	0	3	3	6	21	40	28	12	113
6:00	0	0	0	0	0	0	3	12	25	24	18	11	93
7:00	0	0	0	0	0	0	3	7	14	21	11	5	61
8:00	0	0	0	0	2	1	2	7	6	12	9	2	41
9:00	0	0	0	0	0	0	2	2	10	9	4	2	29
10:00	0	0	0	0	0	0	1	1	3	3	5	2	15
11:00	0	0	0	0	0	0	1	0	4	1	2	0	8
Total	0	0	0	3	7	14	51	145	322	465	311	90	1408
Grand Total	0	0	0	3	7	14	51	145	322	465	311	90	1408
Stats	Percentile	Speed	15th	50th	85th	95th							
	Mean Speed (Average)	54	61	67	69								
	10 MPH Pace Speed	61.7											
	Number in Pace	59-68											
	Percent in Pace	792											
	Number > 65 MPH	57.0%											
	Percent > 65 MPH	401											
		28.5%											



Wyoming Department of Transportation

3200 Elk Street
Rock Springs, WY 82901
Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.91LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Westbound, Lane 2





Wyoming Department of Transportation

3200 Elk Street

Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.91LT
SPEED LIMIT: 65
Direction: Combined

Start Date: 8/21/2025
End Date: 8/21/2025
STUDY BY: Ty J.

8/21/2025	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 - 40 MPH	> 40 - 45 MPH	> 45 - 50 MPH	> 50 - 55 MPH	> 55 - 60 MPH	> 60 - 65 MPH	> 65 - 70 MPH	> 70 MPH	Total
Time 0 - 15 MPH	0	0	0	0	0	0	0	0	1	3	5	0	9
12:00 AM	0	0	0	0	0	0	0	0	5	0	1	1	10
1:00	0	0	0	0	0	0	2	2	1	1	0	0	7
2:00	0	0	0	0	0	2	2	1	1	0	1	0	7
3:00	0	0	0	0	0	2	1	3	1	4	0	0	11
4:00	0	0	0	0	0	1	2	7	2	6	3	4	25
5:00	0	0	0	0	0	2	1	4	14	12	5	2	40
6:00	0	0	0	0	0	2	4	7	28	29	25	4	99
7:00	0	0	0	0	1	2	7	15	39	35	21	3	123
8:00	0	0	0	2	0	3	7	21	37	53	24	5	152
9:00	1	0	3	1	2	2	7	25	57	46	26	3	173
10:00	0	0	0	0	0	1	13	21	42	48	24	4	153
11:00	0	0	0	0	0	0	5	31	42	41	28	9	157
12:00 PM	0	0	0	0	0	2	2	5	39	46	26	4	146
1:00	0	0	0	0	0	0	11	28	32	41	27	9	152
2:00	0	0	0	1	3	2	3	24	41	55	20	6	155
3:00	0	0	0	0	2	4	4	20	42	54	39	7	172
4:00	0	0	0	0	2	1	3	24	42	65	27	9	173
5:00	0	0	0	0	1	4	9	23	41	51	35	12	176
6:00	0	0	0	0	1	0	7	23	42	36	21	12	142
7:00	0	0	0	1	0	1	6	17	31	32	15	5	108
8:00	0	0	0	0	2	2	4	21	18	21	11	2	81
9:00	0	0	1	0	1	1	7	6	16	20	9	2	63
10:00	0	0	0	0	0	2	3	4	8	6	6	2	31
11:00	0	0	0	0	0	0	2	3	7	4	3	1	20
Total	1	0	4	7	15	39	115	358	625	711	397	106	2378
Grand Total	1	0	4	7	15	39	115	358	625	711	397	106	2378
Stats	Percentile	15th	50th	85th	95th								
Mean Speed (Average)	Speed	52	59	65	69								
10 MPH Pace Speed		60.1											
Number in Pace		56-65											
Percent in Pace		1325											
Number > 65 MPH		56.0%											
Percent > 65 MPH		503											
		21.2%											



Wyoming Department of Transportation

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Rock Springs, WY 82901

Speed Study

CITY: ALPINE
COUNTY: LINCOLN
ROUTE: US 26
LOCATION: 1.91LT
SPEED LIMIT: 65

Start Date: 8/20/2025
End Date: 8/22/2025
STUDY BY: Ty J.

Volume Sorted by Speed for 8/21/2025 to 8/21/2025

Combined



APPENDIX D

USLIMITS

USLIMITS2 Speed Zoning Report

Project Overview

Project Name: Alpine US 26

Analyst: Darin Kaufman

Date: 2025-08-27

Basic Project Information

Project Number: 1
Route Name: US 26 - Alpine Spur
From: 0.84
To: 1.91
State: Wyoming
County: Lincoln County
City: Alpine Northwest CDP
Route Type: Road Section in Undeveloped Area
Route Status: Existing

Roadway Information

Section Length: 1.1 mile(s)
Statutory Speed Limit: 70 mph
Existing Speed Limit: 65 mph
Adverse Alignment: No
Divided/Undivided: Undivided
Number of Lanes: 2
Roadside Hazard Rating:
Transition Zone:

Crash Data Information

Crash Data Years: 5.00
Crash AADT: 2700 veh/day
Total Number of Crashes: 12
Total Number of Injury Crashes: 4
Section Crash Rate: 221 per 100 MVM
Section Injury Crash Rate: 74 per 100 MVM
Crash Rate Average for Similar Roads: 141
Injury Rate Average for Similar Roads: 48

Traffic Information

85th Percentile Speed: 64 mph
50th Percentile Speed: 58 mph
AADT: 2700 veh/day

Recommended Speed Limit:



Note: The section crash rate of 221 per 100 MVM is more than 30 percent above the average for similar roads (141) but below the critical rate (234). The injury crash rate for the section of 74 per 100 MVM is more than 30 percent above the average for similar roads (48) but below the critical rate (106). A comprehensive crash study should be undertaken to identify engineering and traffic control deficiencies and appropriate corrective actions. The speed limit should only be reduced as a last measure after all other treatments have either been tried or ruled out.

Note: A speed zone of 1.1 miles is generally too short for the recommended speed limit. Consider lengthening the speed zone (if that is possible) or using the speed limits from adjacent sections (if they are appropriate for this section). If the speed and other data you provided are representative of conditions for this short section, then the speed limit noted above may be considered.

Disclaimer: The U.S. Government assumes no liability for the use of the information contained in this report. This report does not constitute a standard, specification, or regulation.

How the Recommended Speed Limit was Determined

The questions and responses below, and the referenced page numbers, correspond to the flowcharts found in the [Decision Rules Flowchart document](#).

Terms Used in the Recommendation

- **Closest 85th:** This is the 5 mph increment that is closest to the 85th percentile speed (e.g., if the 85th percentile speed is 63 mph, the Closest 85th will be 65 mph).
- **Rounded-down 85th:** This is the 5 mph increment obtained by rounding down the 85th percentile to the nearest 5 mph increment (e.g., if the 85th percentile speed is 63 mph, the Rounded-down 85th will be 60 mph).

- **Closest 50th:** This is the 5 mph increment that is closest to the 50th percentile speed (e.g., if the 50th percentile speed is 58 mph, the Closest 50th will be 60 mph).
- **SL_1:** Speed limit determined using site characteristics (e.g., AADT, interchange spacing, roadside hazard rating, ped/bike activity, number of traffic signals, etc.).
- **SL_2:** Speed limit determined using crash data from the crash module.
- **SL:** Recommended Speed Limit.

The Recommended Speed Limit (SL) is the lower of the speed limit determined without crash data (SL_1) and the speed limit determined with crash data (SL_2).

Determine SL_1 Using Site Characteristics (pg. K-14)

Question 1: What is the roadside hazard rating (RHR)?

Results: Because the RHR () is less than 4, **the SL_1 is the closest 85th speed (65 mph).**

Question 2: Are crash data available?

Results: Yes, so use these data to determine SL_2.

Determine SL_2 Using Crash Data (pg. K-15)

Question 3: Is more than one year of crash data available?

Results: Yes, at least one year of crash data is available.

Note: The crash rate is calculated to be 221 crashes per 100M VMT, and the injury rate is calculated to be 74 crashes per 100M VMT.

Note: The critical crash rate is calculated as 234 crashes per 100M VMT.

Question 4: Is the crash rate (221 per 100M VMT) greater than the critical crash rate (234 crashes per 100M VMT)?

Results: No, but the crash rate is greater than 1.3 times the average crash rate. **The crash level is classified as medium.**

Question 5: Is the injury crash rate (74 per 100M VMT) greater than the critical injury rate (106 crashes per 100M VMT)?

Results: No, but the injury crash rate is greater than 1.3 times the average injury crash rate. **The injury level is classified as medium.**

Question 6: Are either of the crash level (medium) or injury crash level (medium) classified as medium or high?

Results: Yes, **so the total crash level is classified as medium.**

Question 7: Is the total crash level (medium) classified as medium or high?

Results: Yes, so **SL_2 is set as the higher of the rounded-down 85th and closest 50th speeds (60 mph).**

Determine SL (pg. K-12)

Note: SL is set as the lower of SL_1 (65 mph) and SL_2 (60 mph). **The SL is set to 60 mph.**

Determine the Final Recommended Speed Limit (pg. K-19)

Question 8: Is the SL less than 25 mph or greater than 65 mph?

Results: The SL (60 mph) is between 25 mph and 65 mph. **The SL remains the same.**

Final Recommendation: **The recommended speed limit is 60 mph.**

Equations Used in the Crash Data Calculations

Exposure (M)

$$M = (\text{Section AADT} * 365 * \text{Section Length} * \text{Duration of Crash Data}) / (100000000)$$

$$M = (2700 * 365 * 1.1 * 5.00) / (100000000)$$

$$M = 0.0542$$

Crash Rate (Rc)

$$Rc = (\text{Section Crash Average} * 100000000) / (\text{Section AADT} * 365 * \text{Section Length})$$

$$Rc = (2.40 * 100000000) / (2700 * 365 * 1.1)$$

$$Rc = 221.39 \text{ crashes per 100 MVM}$$

Injury Rate (Ri)

$$Ri = (\text{Section Injury Crash Average} * 100000000) / (\text{Section AADT} * 365 * \text{Section Length})$$

$$Ri = (0.80 * 100000000) / (2700 * 365 * 1.1)$$

$$Ri = 73.80 \text{ injuries per 100 MVM}$$

Critical Crash Rate (Cc)

$Cc = \text{Crash Average of Similar Sections} + 1.645 * (\text{Crash Average of Similar Sections} / \text{Exposure}) ^ {1/2} + (1 / (2 * \text{Exposure}))$

$Cc = 141.17 + 1.645 * (141.17 / 0.0542) ^ {1/2} + (1 / (2 * 0.0542))$

$Cc = 234.35$ crashes per 100 MVM

Critical Injury Rate (Ic)

$Ic = \text{Injury Crash Average of Similar Sections} + 1.645 * (\text{Injury Crash Average of Similar Sections} / \text{Exposure}) ^ {1/2} + (1 / (2 * \text{Exposure}))$

$Ic = 47.84 + 1.645 * (47.84 / 0.0542) ^ {1/2} + (1 / (2 * 0.0542))$

$Ic = 105.93$ injuries per 100 MVM

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