

P.O. Box 160
Torrington, WY 82240

Phone (307) 532-4051
Fax (307) 532-7375

RESOLUTION NO. 2017-13

**RESOLUTION IN SUPPORT OF LOWERING THE SPEED LIMIT ON COUNTY RD 66
TO 40 MPH FROM MILE POST 0.0 TO MILE POST 1.1**

WHEREAS the Board of Goshen County Commissioners wishes to improve the public roadway safety for Rd 66 by lowering the speed limit to 40 mph for 1.1 miles of Rd 66; and

WHEREAS Board of Goshen County Commissioners desires to place 40 mph signs at mile post 0.0 and mile post 1.1 on Rd 66 to indicate the speed limit; therefore,

LET IT BE RESOLVED that the Board of Goshen County Commissioners hereby supports the lowering of the speed limit on County Rd 66 to 40 mph from mile post 0.0 to mile post 1.1 according to the recommendations included in the attached Declaration of Speed Limit on Unpaved Roads;

APPROVED, PASSED AND ADOPTED THIS 5th day of December, 2017

GOSHEN COUNTY COMMISSIONERS

Carl Rupp
Carl Rupp, Chairman

12-5-17
Date

F.E. Walski
F.E. "Wally" Walski, Commissioner

12/5/2017
Date

John Ellis
John Ellis, Commissioner

12-5-2017
Date

Cynthia Kenyon
Attest: Cynthia Kenyon, County Clerk



DECLARATION OF SPEED LIMIT ON UNPAVED ROADS

LOCATION:

County Road 66, Goshen County, MP 0.0 (intersection of Road 66 and W.S. 154) to MP 1.1 (intersection of Road 66 and Road 45).

Method Used:

Visual inspection and engineering judgment.
Free flow spot speeds to determine 85th percentile speed and pace.
Standards for establishing speed limits on unpaved Wyoming roads were followed.

Summary of Results:

The Statutory speed limit is 55mph. The 85th percentile speed is 34.1 mph with the upper bound of the pace speed at 32.5 mph. There are 14.5 access points per mile and the adjacent land-use is rural agriculture/rural minor.

Recommendations:

There are a high number of access points for both residential and field access, as well as a curve and an intersection with a Wyoming secondary highway at the east end. The adjacent land use is rural agriculture/rural minor. For these reasons, it is recommended to declare a 40 mph speed limit. Post at least two 40 mph speed limit signs at both ends of the roadway section.



Approved. _____

Professional Engineer

P.E. Seal

Date

ORDER TO ESTABLISH RESTRICTED SPEED ZONE

The County Commission approves changing the speed limit to 40 miles per hour on the unpaved roadway section described above.

Resolution number: 2017-13

Date: 12/5/17

PROFESSIONAL ENGINEER REGISTRATION BOARD

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1000 WEST 10TH AVENUE, SUITE 1000
DENVER, COLORADO 80202

10/1/2018

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GENERAL INFORMATION	
LOCAL JURISDICTION:	Goshen County
ROUTE:	County Road 66
LOCATION:	MP 0.0 to MP 1.1
DATE:	6.12.17 thru 7.26.17

AUTOMATED TRAFFIC COUNT VALUES	
85TH. PERCENTILE:	34.1
50TH. PERCENTILE:	27
AVERAGE DAILY TRAFFIC:	99
AVERAGE DAILY TRUCK TRAFFIC:	2

ROADWAY CHARACTERISTICS	
ROADWAY LENGTH:	1.1 Miles
NUMBER OF ACCESS POINTS:	16
ACCESS POINTS PER MILE:	$16/1.1 = 14.5$
ROADWAY WIDTH:	24'
ADJACENT LAND-USE:	Rural Agriculture/Rural Minor
TYPE OF TERRAIN:	Level

HISTORICAL CRASH DATA	
FATAL:	0
INJURY:	1
PDO:	1
EPDO:	$9.5*0 + 3.5*1 + 1 = 4.5$
EPDO PER MILE:	$4.5 / 1 = 4.5$

RANGE OF SPEED LIMIT (MAXIMUM = 55MPH)	
PERFERRED SPEED LIMIT:	40
LOWEST ACCEPTABLE SPEED LIMIT:	30

PDO = PROPERTY DAMAGE ONLY

EPDO = EQUIVALENT PROPERTY DAMAGE ONLY

Name: GOSHEN COUNTY

Road: COUNTY ROAD 66

Mile Point: MP 0.0 (Intersection of Rd 66 and W.S. 154) to MP 1.1 (Intersection of Rd 66 and Rd 45)

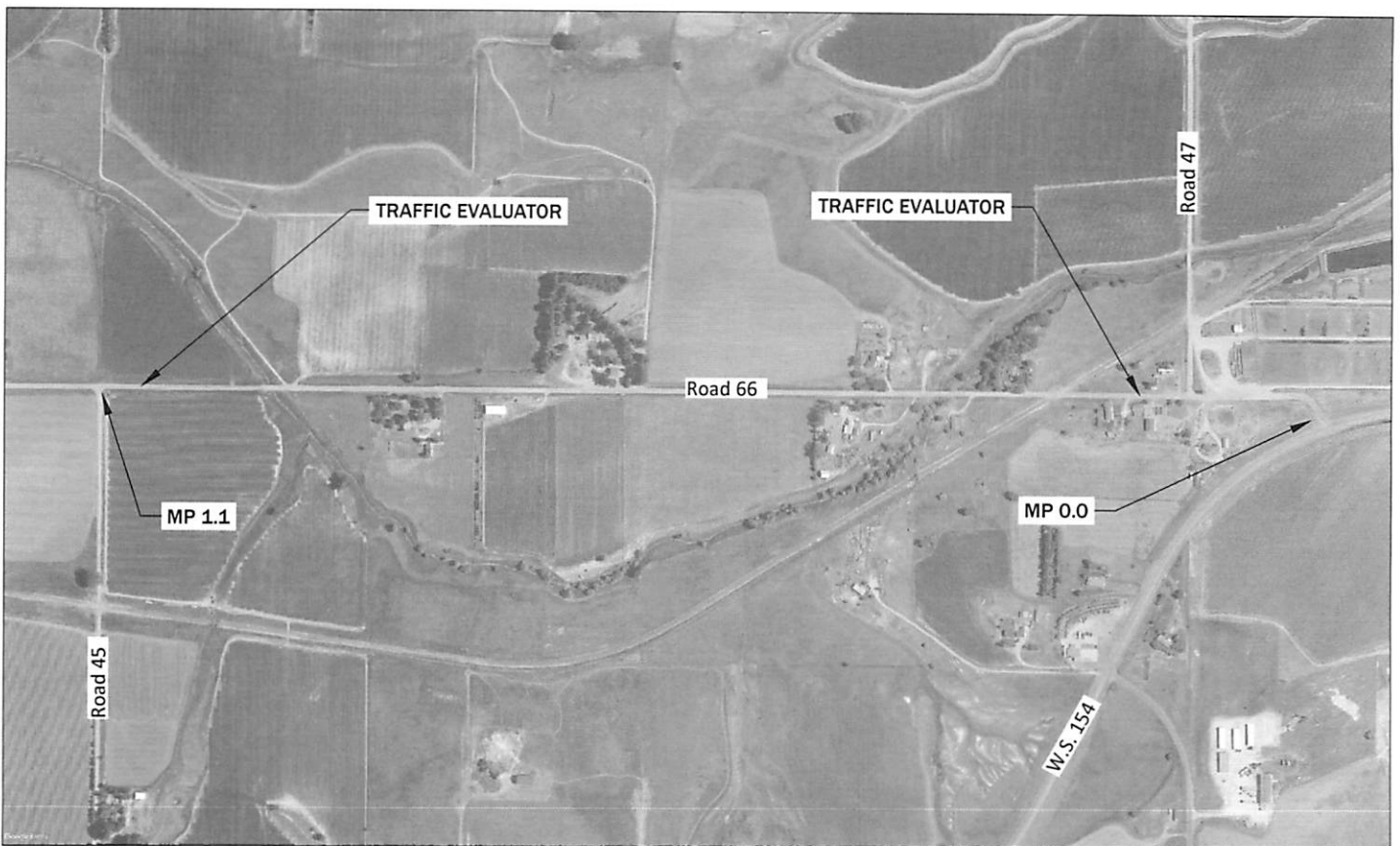
Begin Date: 6/12/17

End Date: 7/26/17

Any Unusual Events (weather, holiday, maintenance):

FOURTH of JULY

Diagram:



Vehicle General Flow Report - Grand Totals

Note: ADT and Average are based on total value of all lanes printed (Together Print).

Average Daily Traffic (ADT)

<u>Weekday</u>	<u>Weekend</u>	<u>Total ADT</u>
Cars: 100 (97%)	Cars: 96 (97%)	Cars: 99 (97%)
Trucks: 2 (3%)	Trucks: 2 (3%)	Trucks: 2 (3%)
Total: 103	Total: 98	Total: 102

Speed Totals

50 % : 27.0 mph	Top Speed : 91.6 mph	Average Truck Speed : 23.6 mph
85 % : 34.1 mph	Low Speed : 3.1 mph	Average Car Speed : 26.5 mph
Avg : 26.5 mph	10mph Pace Speed: 22.6 - 32.5 (51.9%)	

Peak Hour Totals

<u>AM Peak Hour (Volume)</u>	<u>AM Peak Hour (Speed)</u>
Weekday : 01:15 - 02:15 (Avg 7)	10:45 - 11:45 (28.6 mph)
Weekend : 01:00 - 02:00 (Avg 7)	00:45 - 01:45 (28.4 mph)
<u>PM Peak Hour (Volume)</u>	<u>PM Peak Hour (Speed)</u>
Weekday : 20:00 - 21:00 (Avg 9)	14:00 - 15:00 (33.1 mph)
Weekend : 20:00 - 21:00 (Avg 9)	13:00 - 14:00 (33.7 mph)

Grand Totals

Total Cars : 4370 (99 ADT)	Average Length : 11.3 ft	Average Headway : 835.1 sec
Total Trucks : 118 (2 ADT)	Average Axles : 2.1	Average Gap : 834.8 sec
Total Volume : 4488 (102 ADT)		