

Department of Transportation

Mitchell Office

P.O. Box 1206

Mitchell, South Dakota 57301

PHONE: 605/995-8129

FAX: 605/605-995-3185

DATE: October 17, 2018

TO: Karla Engle
Chief Legal Counsel

FROM: Christina Bennett
Operations Traffic Engineer

SUBJECT: Proposed New Speed Limit Administrative Rule
State Trunk Highway 50 at Tabor, South Dakota

Attached for the Transportation Commission's consideration is a speed limit administrative rule change on State Trunk Highway 50 through Tabor, South Dakota.

NEW RULE:

70:01:02:12. Bon Homme County. The following are the maximum speeds on certain highways in Bon Homme County:

(6) State Trunk Highway 50 beginning 0.51 mile west of the Bon Homme Road in Tabor, then easterly 1.67 miles, 55 miles per hour.

COST

The estimated cost to make the necessary signing changes, if this proposal is approved, is as follows:

Install new sign: 4 @ \$100.00 per sign = \$ 400.00

- To install two Reduced Speed Limit Ahead (55) signs and two SPEED LIMIT 55 signs

TOTAL: \$ 400.00

EXPLANATION OF THE PROPOSAL:

A request to reduce the speed limit on the four-lane divided highway portion of SD Highway 50 past Tabor, SD was submitted to the Secretary of Transportation by Mr. Frank Kloucek.

SPEED STUDY:

The department had earlier this year performed speed studies for both directions of travel at two locations along SD Highway 50 past Tabor. The study was done on March 28, 2018 and the average 85th percentile speed was 66 mph. A diagram of the speed study locations and the data for both directions of travel at each site is shown on the next page.

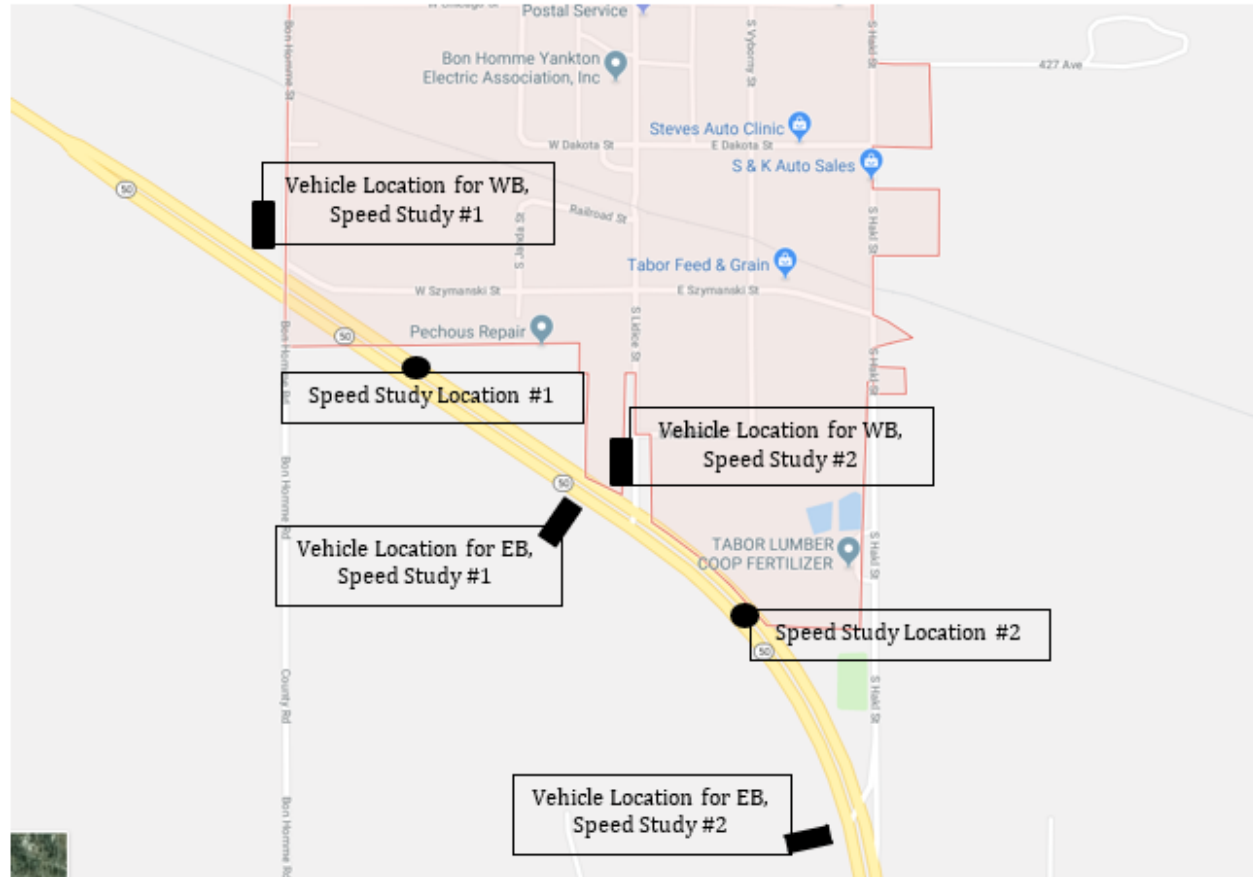
CRASH HISTORY:

The department examined the crashes occurring on this segment of SD Highway 50 past Tabor for the last five years of data, 2013 – 2017. The summary of the crashes is below.

Crashes on SD Highway 50, 4-Lane Divided Section at Tabor (2013-2017):

- 0 Fatal
- 1 Incapacitating Injury (at the Eastern intersection with Hakl St)
A driver on Hakl Street/County Road 427 came to a stop at the intersection with SD Highway 50, and then proceeded across the WB lanes to try and turn left onto EB Highway 50. This driver failed to yield the right of way to an oncoming driver travelling WB on SD Highway 50 and was hit on the driver's side. The driver on SD Highway 50 did not see the other vehicle coming for unknown reasons. The driver on SD Highway 50 gave an estimated speed of 65 mph. The officer on scene gave an estimated speed of 15 mph for the driver on Hakl Street/County Road 427. Speed was not cited on the report as a contributing factor for the crash.
- 4 Property Damage Only (3 occurred at the same time – there was an axel on the roadway and three vehicles drove over it. The 4th PDO was a single vehicle that lost a left front tire)
- 1 Animal Hit (Deer)

Tabor, SD Highway 50 Speed Studies



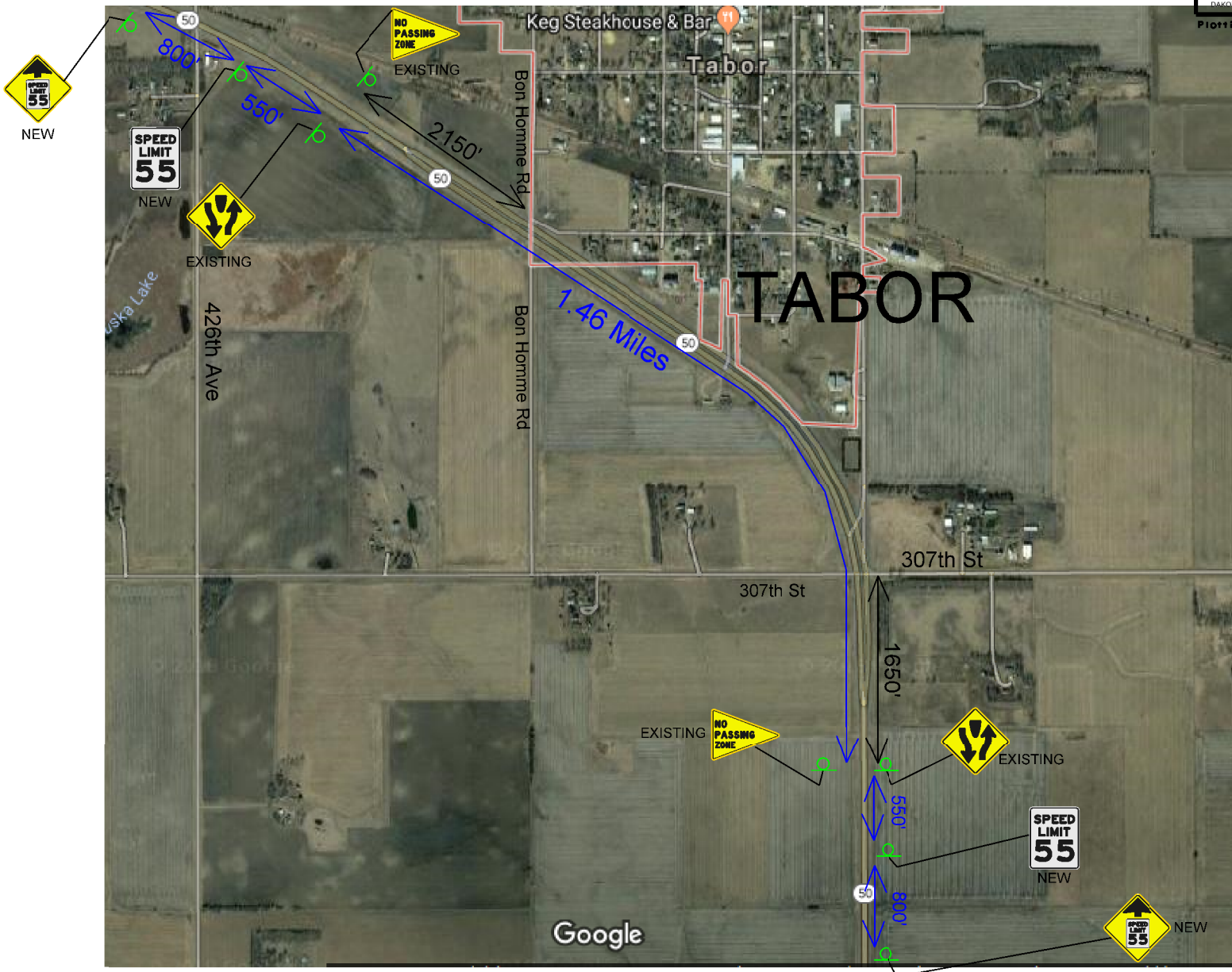
Speed Study Location #1. SD50 mid between Bon Homme Rd. and S. Lidice St. – eastbound and westbound studies
EB: 85th= 66 MPH, 10 MI Pace= 64-74 MPH / WB: 85th= 66 MPH, 10 MI Pace= 62-72 MPH

Speed Study Location #2. SD50 mid between S. Lidice St. and S. Hakl St. – eastbound and westbound studies
EB: 85th= 66 MPH, 10 MI Pace= 64-74 MPH / WB: 85th= 65 MPH, 10 MI Pace= 62-72 MPH

Ave. of 85th= 66 MPH, Ave. 10 MI Pace= 63-73 MPH

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS

Plotting Date: 03/27/2018



PLOT SCALE = 1" = 100'

FILE: \\AGREGS-SPEEDRULES\TABOR.DGN