



Department of Transportation

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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 west of Tyndall, South Dakota

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

NEW RULE:

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

(4) State Trunk Highway 50 beginning ~~0.23~~ 0.6 mile west of the intersection of ~~Bon Homme County Road 5~~ State Trunk Highway 37, then easterly ~~1.33~~ 2.9 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: 1 @ \$100 per sign = \$100

- To install one Reduced Speed Limit Ahead (55) sign

Relocate sign: 2 @ \$75 per sign = \$150

- To relocate one existing SPEED LIMIT 55 sign and one existing SPEED LIMIT 65 sign

TOTAL: \$250

EXPLANATION OF THE PROPOSAL:

A petition to change a speed limit administrative rule on SD Highway 50 near Tyndall, SD was submitted to the Secretary of Transportation by Mr. Frank Kloucek on October 25, 2018. The request was to extend the 55-mph speed zone west of Tyndall to include the junction with SD Highway 37.

SPEED STUDY:

The department performed a speed study for both directions of travel SD Highway 50 just east of the divided section that encompasses the intersection of SD Highway 37. The study was done on November 15, 2018.

- The 85th percentile speed was 68 mph.
- The 10-mph pace (the 10-mph speed range in which the highest percentage of vehicles were recorded) was 60 – 70 mph.
- The average speed was 64 mph.

CRASH HISTORY:

The department examined the crashes that occurred on this segment of SD Highway 50 west of Tyndall for the last five years of data, 2013 – 2017. The summary of the crashes is below.

Crashes on SD Highway 50 from the beginning of the divided section just west of the intersection with 303rd Street to the end of the two-lane section just west of the Tyndall city limits (2013-2017):

- 0 Fatal
- 6 Injury
 - 4 at the intersection with SD 37 – all cited as failure to yield by vehicle on SD 37
 - 1 run off the road in the divided section – no contributing factors listed on the crash report; teenage driver; possible injury, not transported
 - 1 vehicle westbound on SD 50 hit a cow that was on the road (just west of 303rd St)
- 6 Property Damage Only
 - 1 at intersection with 303rd Street – vehicle eastbound on SD 50 attempted to turn left onto 303rd Street from the right lane and hit the rear side of a semi in the left lane
 - 2 at intersection with SD 37
 - Southbound vehicle stopped at the stop sign was rear-ended
 - Semi cited for failure to yield, was hit by a pickup; both vehicles drivable
 - 3 animal hits



Proposed Speed Limits – SD Highway 50