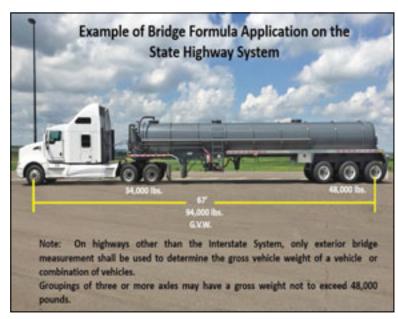
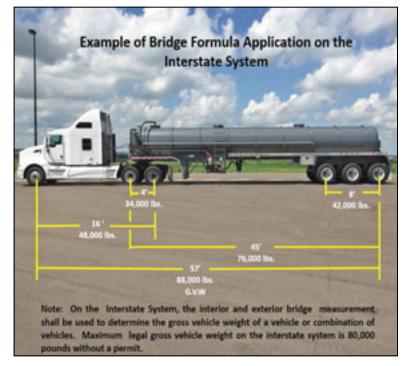
# **Under the Trooper's Hat**

By: Trooper Michael Hayen

If you've ever wondered how much weight a truck can legally

haul on North Dakota highways, the North Dakota State University **Upper Great Plains Transportation** 





## **McIntosh COUNTY** FARMLAND FOR SALE

The following property, situated in McIntosh County, will be sold on Tuesday, November 4th, 2025, at 11:00 A.M.:

> NE¼ of Section 36 in Township 132, Range 67, McIntosh County. Tract is approximately 160 deeded acres.

You must submit a bid to be present at this sale.

Sealed bids to be submitted to: Matthew Wermerskirchen, Attorney at Law, P.O. Box 50, Napoleon, ND or by email to: office@zlawnd.com.

Bids will be opened:

Tuesday, November 4th, 2025, at 11:00 A.M.

at my office in Napoleon.

Bidders having made a written bid may raise bids at bid opening.

FSA maps may be examined at my office in Napoleon or Bismarck or will be emailed upon request.

10% of successful bid price due on day of bidding and the balance due 50 days after the purchase agreement is signed by all parties.

Call 701-224-1519 for more information.

The owners reserve the right to reject any or all bids.



www.zimmerman.law

**MATTHEW** WERMERSKIRCHEN

**ATTORNEY AT LAW** 

289 MAIN AVE, NAPOLEON, ND 58561 (Location of Auction)

919 S. 7<sup>TH</sup> ST., #607, BISMARCK, ND 58504

(10-1,8,15, 22, 29)

Institute has made that calculation easy. Their online Truck Weight Calculator — available at https:// dotsc.ugpti.ndsu.edu/TWC/helps drivers quickly determine the maximum legal weight for any set of axles on a truck or truck combination, whether running on interstate, state, or primary highways.

How the Weight is Calculated Truck weight limits are based on a formula that considers both the number of axles and the distance between the axles. Adding more axles or increasing the spacing between axles allows a vehicle to legally carry more weight.

This "bridge formula" was created by Congress and the State of North Dakota to protect bridges from excessive stress caused by heavy vehicles.

This is the formula:

W = 500 [(LN/(N-1)) + 12N]+361

Where:

- W = Maximum weight in pounds on any group of two or more axles
- L = Distance in feet between the outer axles in the group
- N = Number of axles in thegroup

You don't need to do the math yourself — the online calculator does it for you.

Information needed to use the calculator

Before starting, have this information ready:

- Type of highway (State, Interstate, or 129,000-lb Primary route)
- Total number of axles (including the steering axle)
  - Number of tires per axle
- Tire width (found on the tire sidewall)
- Bridge length (distance from axle center to consecutive axle
- Steering axle rating (required for interstate routes)
  - State highway weight limits
- State highways: Maximum legal Gross Vehicle Weight (GVW) is 105,500 pounds, unless otherwise posted.
- Other highways: The maximum GVW is 80,000 pounds, unless designated for higher weights (up to 105,500 pounds).
- Tire limit: No tire may carry more than 550 pounds per inch of tire width.

Interstate weight limits

- Maximum GVW: 80,000 pounds.
- Permit requirement: An interstate permit is required if the load exceeds 80,000 pounds GVW (up to a maximum of 105,500 pounds).

- · Vehicles must have the correct number of axles and bridge lengths to legally carry the load.
- The steering axle weight is determined by the manufacturer's rating and may not exceed 20,000 pounds.
- For permit details, visit the NDHP website: www.nd.gov/ NDHP.

Primary Network System

Trucks operating on designated primary network highways can haul up to 129,000 pounds GVW — provided they have enough axles and proper bridge lengths. A primary network permit is required.

All tire and axle weights must still comply with the same rules

— no tire exceeding 550 pounds per inch of width.

The mission of the North Dakota Highway Patrol is to make a difference every day by providing high-quality law enforcement services to keep North Dakota safe and secure. NDHP invites you to visit the FAQ section of the website: www.nd.gov/ndhp; like our Facebook page www.facebook. com/northdakotahighwaypatrol; or join us on Instagram, www. instagram.com/ndhighwaypatrol, to learn more about traffic safety, get tips, and read NDHP news. Previous Under the Troopers Hat articles can be found at www. nd.gov/ndhp/safety-and-education/under-troopers-hat.



Wayne Mittleider | Call: 701.471.8799 4043 43rd St. SE, Tappen, ND 58487

# Steele Needs a Logo

...and you could be the one to design it!

#### For what?

Steele. That's it. It doesn't need to say "150th", but it is commemorating Steele's 150th celebration.

#### Who can enter?

Any age, any skill level. Only one entry per participant. Top 5 finalists will be judged by the community. Profane or vulgar designs will not be accepted.

### What would I win?

\$500 in Steele Bucks and bragging rights. The other 4 finalists will receive a voucher for a T-shirt or cup when they come out.

#### When is this due?

All entries must be in by December 1st, 2025.

We're excited to see the creativity this community has!

To enter, email: tannera@bektel.com or drop off a copy of your design at the Steele Ozone & Kidder County Press!



