

Traffic Counts

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Reaching New
34th Annual North Central Local Roads Conference
Heights
Rapid City, SD - October 16-17, 2019

Tube Counters



Tube Counters

- Use 1 for volume counts, 2 for classification
- Relatively inexpensive and easy to use
- Should factor for time of year, etc. to get the average over the year (AADT)
- Can get factors from the DOT or...

TRAFFIC DATA

[Home](#) / [Transportation](#) / [Highways](#) / [Traffic Data](#)

Traffic Monitoring provides for the collection, retention and analysis of data, which indicates the volumes, classification, weights, speeds and other characteristics of motor vehicles that traverse South Dakota highways and streets. This information is necessary for assessing pavement life, pavement design, geometrics, and safety analysis. Traffic movement data is collected at over 7,500 locations throughout the state. In order to maximize data collection efficiency, sampling techniques and automatic recording equipment are utilized whenever possible.

The traffic monitoring section produces the following reports:

- [Vehicle Miles Traveled \(VMT\) by County](#)
- [Vehicle Miles Traveled \(VMT\) by County for Heavy Trucks](#)**VMT reports are published in June for the previous year
- [Automatic Traffic Recorder Data Report](#) (updated Monthly)
- [Sturgis Rally Count Report 2010-2019](#)
- [Traffic Speed Monitoring](#)

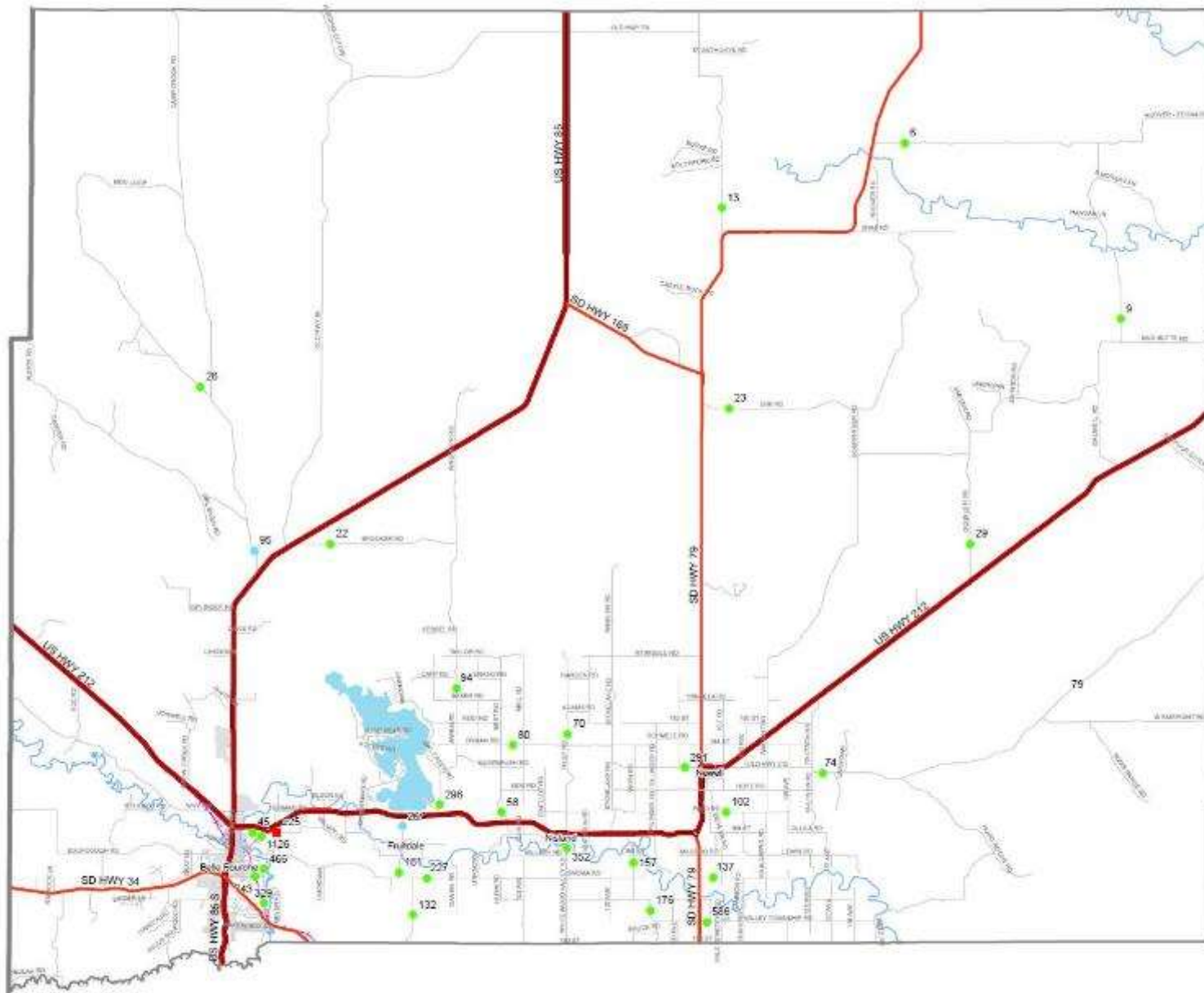
Traffic Maps

[State Highways](#)

[Non-state Highways \(Urban Cities\)](#)

[Non-state Highways \(Counties\)](#)

DOT may have counts for your roads

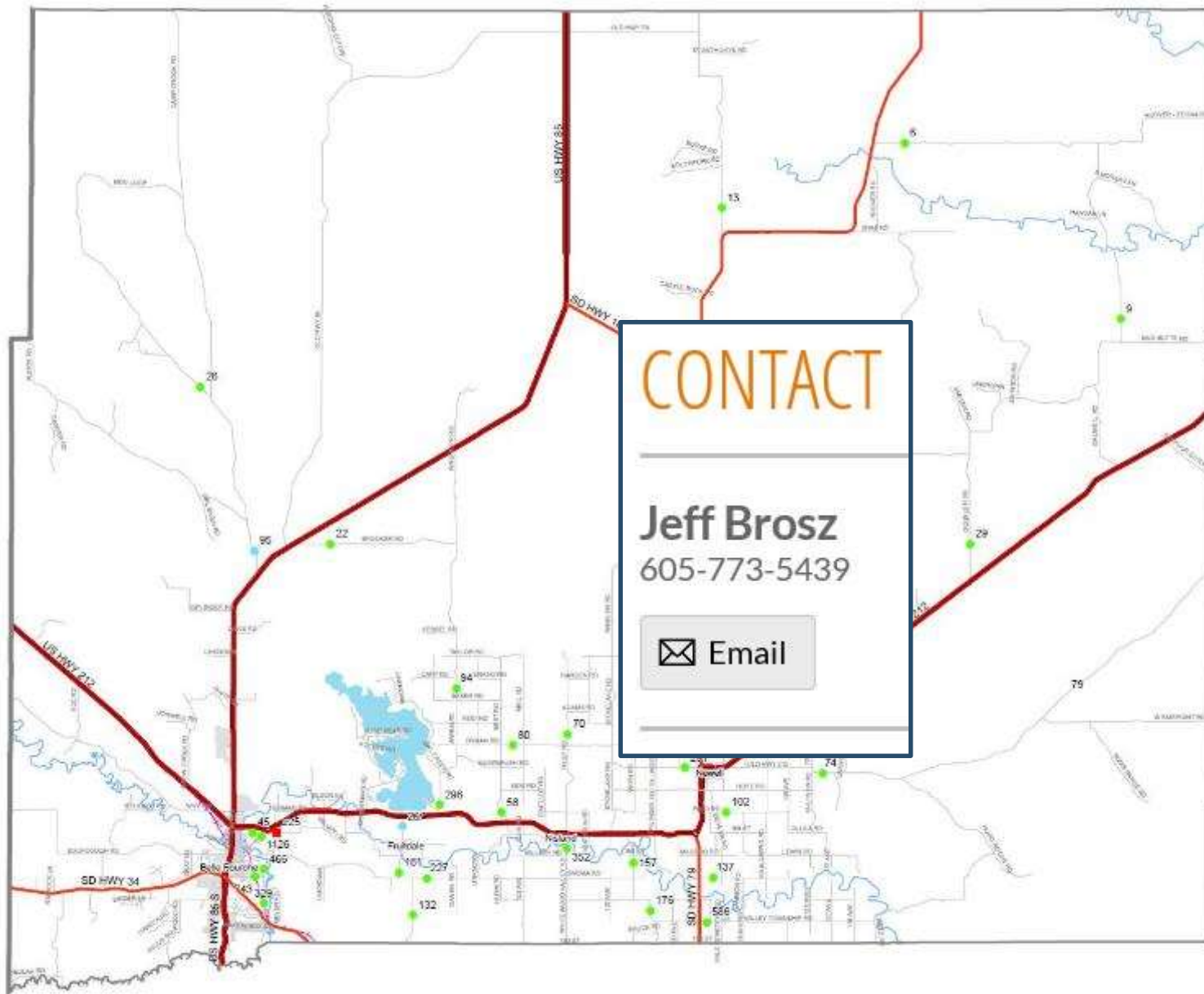


Butte County

Legend
CountLocations

- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011
- 2010
- Local Roads
- Interstate Highways
- US Numbered Highways
- State Numbered Highways
- Railroads
- Rivers
- Water Bodies

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Butte County

Using the Data

- Applying for Grants
 - Bridge Improvement Grants (BIG)
 - TIGER Grants



Using the Data

- Construction & Maintenance Priorities
- Budget Priorities

“Worst first” is not always the right solution



Using the Data

- Design Standards
 - Asphalt thickness
 - Base thickness
- Turning Radius based on truck volume
- Road Classification
- Stop sign warrants

More Information/Resources

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