

SDDOT WINTER HIGHWAY MAINTENANCE PLAN 2026-2027

**SOUTH DAKOTA DEPARTMENT OF
TRANSPORTATION**



**WINTER HIGHWAY
MAINTENANCE PLAN**

2026-2027

SD DOT

SD DOT

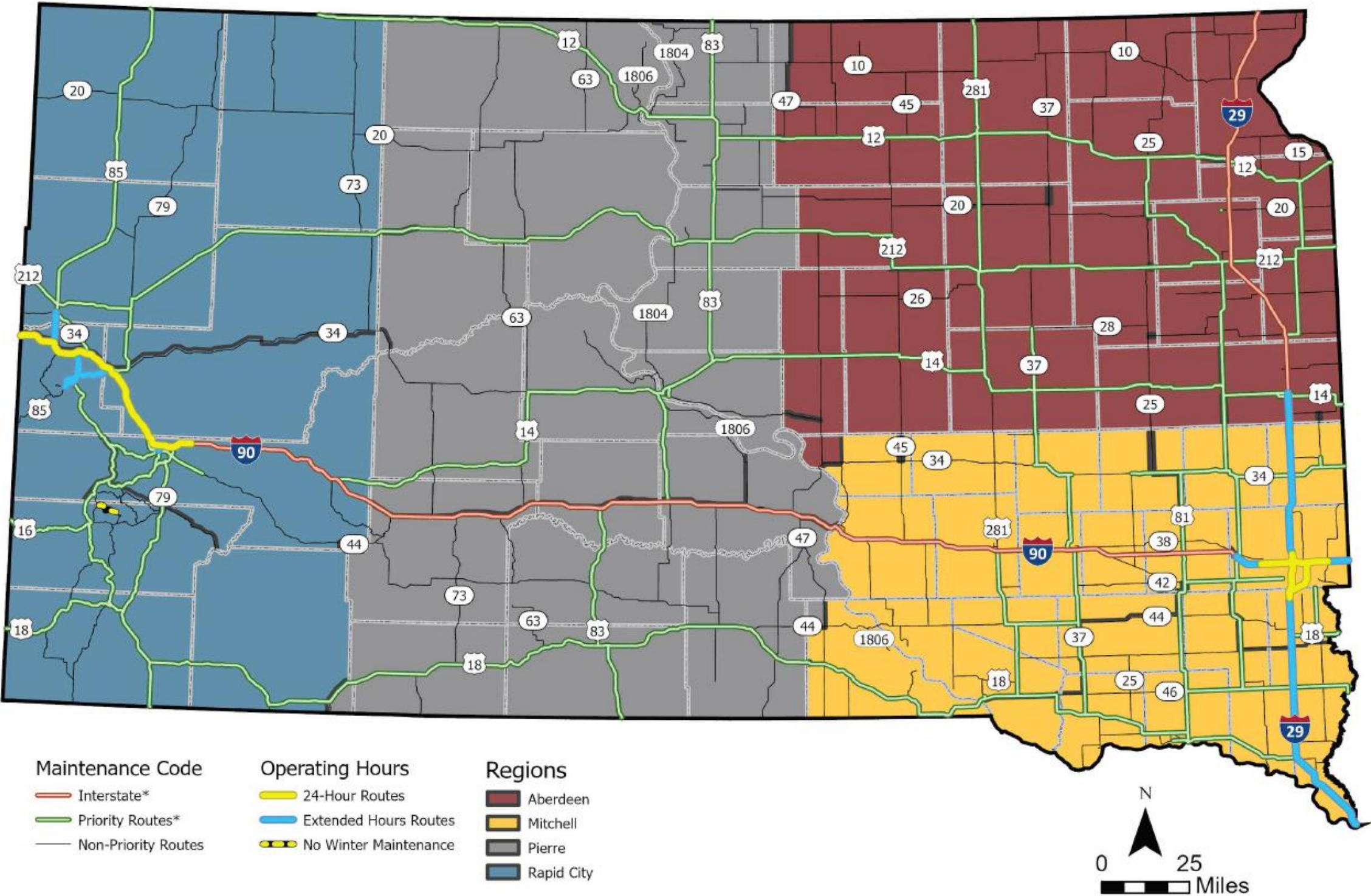
OVERVIEW OF PLAN



- **Section 1: Introductions and Overview**
- **Section 2: Personnel, Equipment, Technology, and Policy**
- **Section 3: Communications**
- **Section 4: Prior to Winter and Before the First Winter Storm**
 - Proactive Practices, Equipment Preparation, Material Procurement, Material Delivery and Storage
- **Section 5: During a Winter Storm**
 - Staffing, General Operations, Roadway Closures and Safety
- **Section 6: After a Winter Storm**
 - Clean-up, Maintenance, Equipment Repair and Maintenance Activities
- **Appendix A: Staffing and Equipment Summary**

Priority and Non-Priority Map

Figure 2: Winter Maintenance Routes



Normal Hours
5:00 am – 7:00 pm
Extended Hours
24 Hour Routes

Route Coverage
Priority – 2 Hours
Non-Priority - 4 Hours
Other - Minimal

*Interstate and Priority Routes receive the same level of service.



1.5 BUDGET

FISCAL YEAR 2027

DESCRIPTION	BUDGETED AMOUNT DOT FORCES
Snow and Ice Control	\$24,537,339.00
Contract Snow Removal	\$39,000.00
TOTAL	\$24,576,339.00

FISCAL YEAR 2026

DESCRIPTION	BUDGETED AMOUNT DOT FORCES	ACTUAL USED AMOUNT
Snow and Ice Control	\$27,818,232.00	\$14,283,994.50
Contract Snow Removal	\$39,000.00	\$35,030.00
TOTAL	\$27,857,232.00	\$14,319,024.50

Section 2 Personnel, Equipment, Technology, and Policy



TABLE 2: Equipment Types and Number of Units

EQUIPMENT	NO. OF UNITS
Full-time Snowplows	397
Road Graders with V-Plows	21
Snow Blowers	110
Tow Plows	26
Spare Snowplows	49

TABLE 3: Anti-Icing and Deicing Materials

MATERIAL	USAGE 2025-2026	ANNUAL COST
Sodium Chloride (salt) Brine	1,533,391 gallons	\$334,327.44
Magnesium Chloride (MgCl2)	121,849 gallons	\$191,223.70
Sodium Chloride (salt)	40,964 tons	\$3,331,408.18
Modified Sodium Chloride Brine	12,268 gallons	\$38,590.96
Abrasives (Sand)	1,555 tons	\$65,652.49

The SDDOT financial system takes into account man hours, material cost, water cost, and other expenses to provide total material cost.

Highway Closures



- SDCL 31-4-14.1 Closing Highways for Inclement Weather
- Interstate Closures
- Non-Interstate Closures
- Impacts to Local Roads
- Navigation Apps





GET NOTIFIED OF SOUTH DAKOTA INTERSTATE CLOSURES!

Interstate Closure Text Notification System!

Subscribe to a free text-in service dedicated to keeping travelers informed of inclement weather-related closures on Interstate 90 and Interstate 29 in the state of South Dakota.

 This service is for winter-related closures for the Interstate system only. For information on state highways and other routes please visit <https://www.sd511.org/> or download the SD511 mobile app.

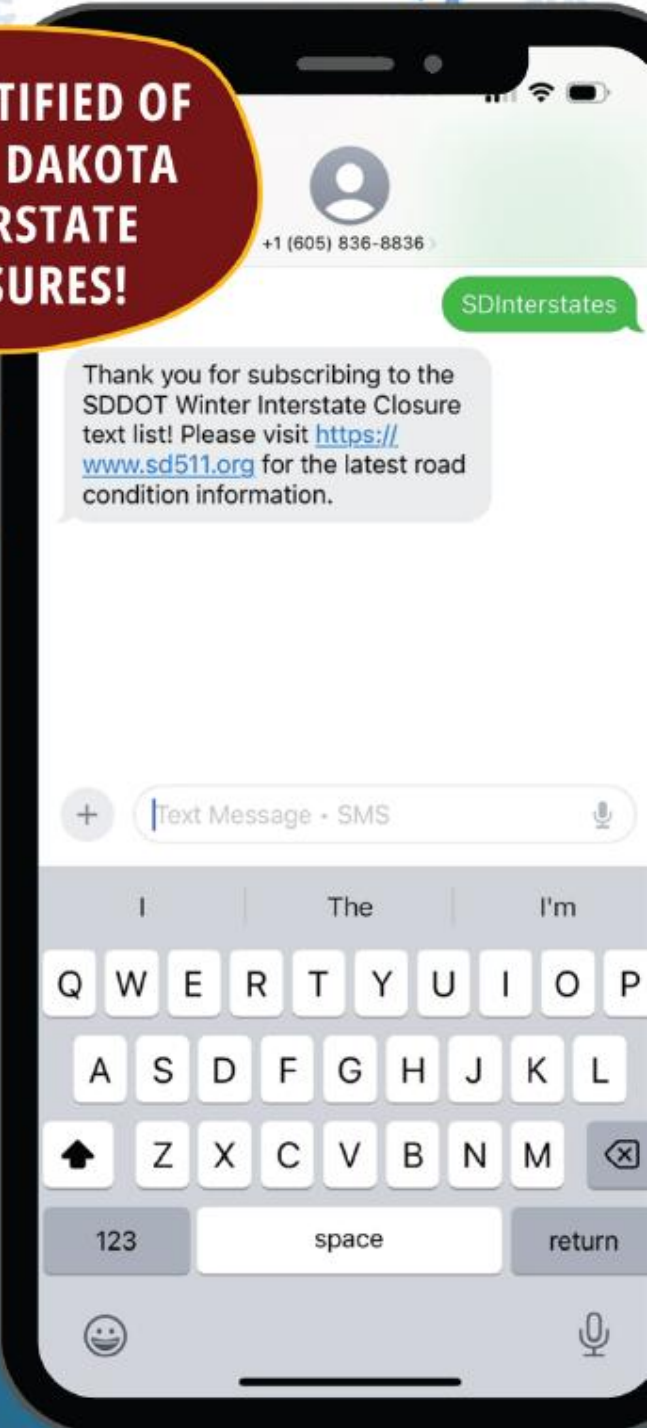
 **To Subscribe**

Text: SDInterstates to 605-836-8836

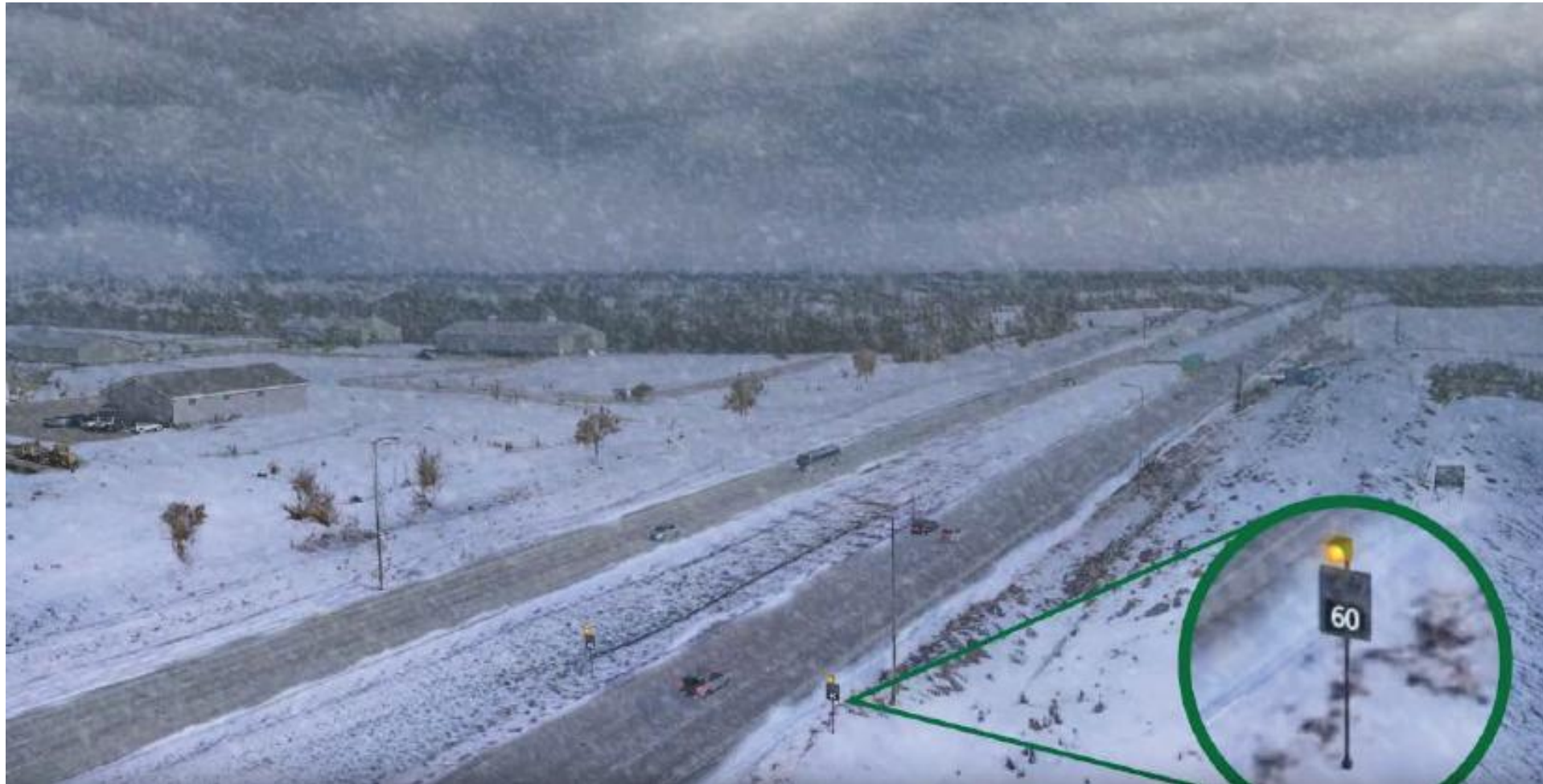
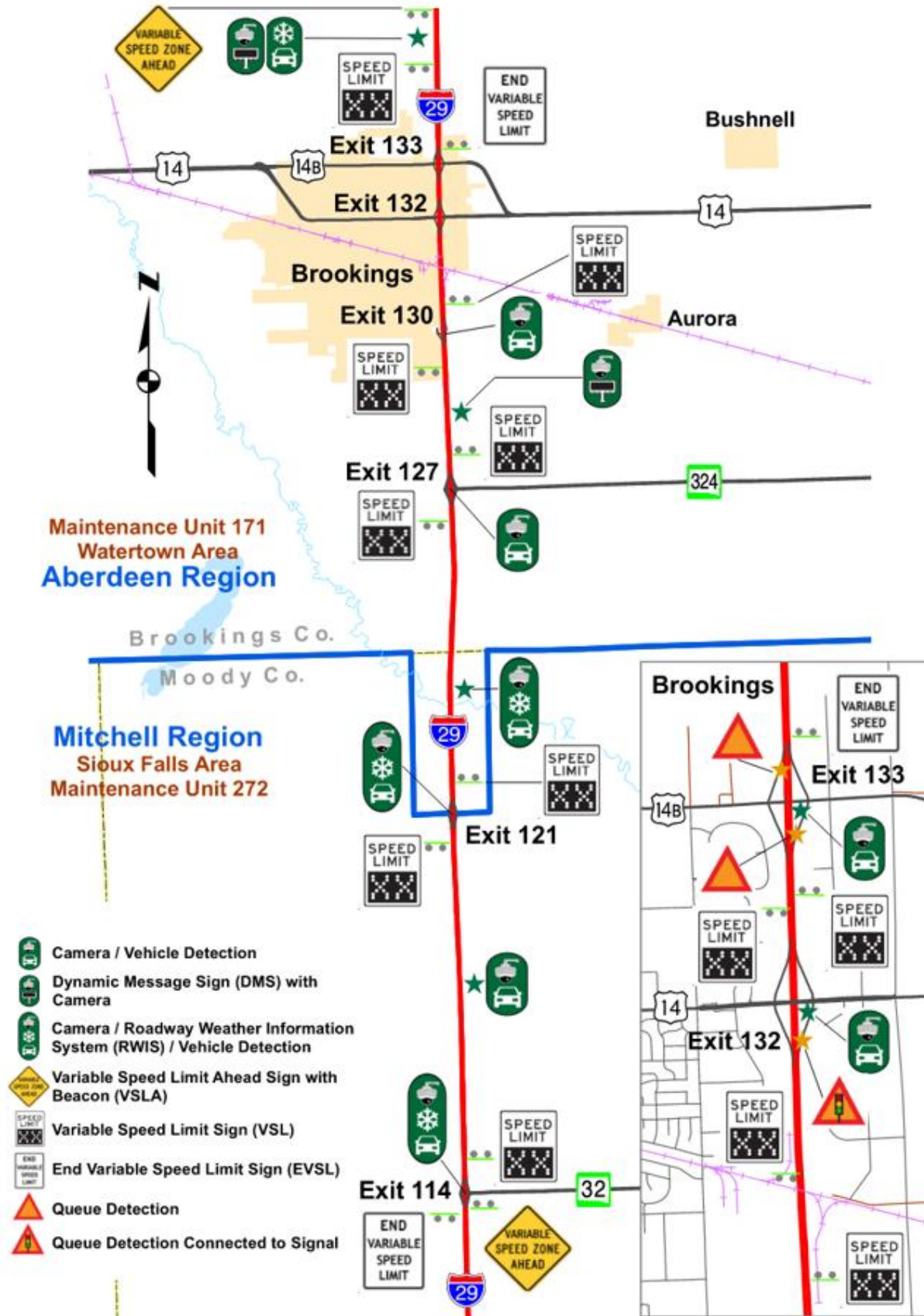
*Note: capitalization is not mandatory but please double check for misspellings.

Reminder: This service is designated to provide information. Messages sent to this phone number will receive an automated response directing users to <https://www.sd511.org/> for the latest road condition information.

Subscribers can unsubscribe at any time.

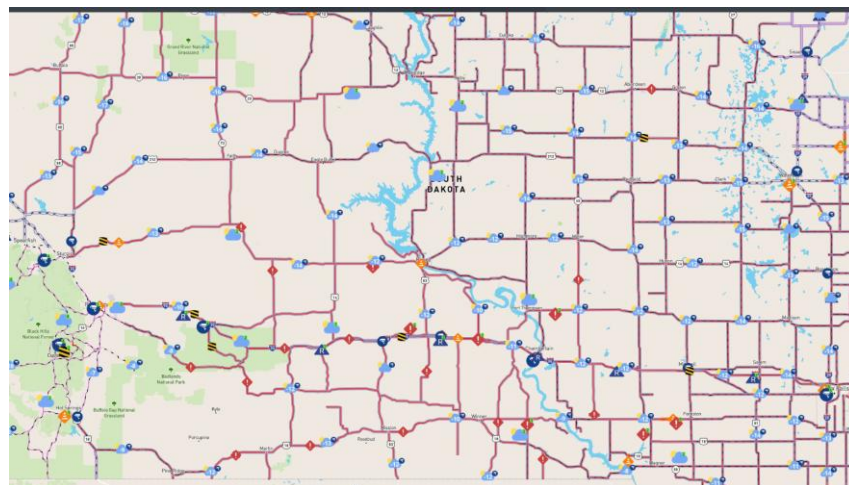
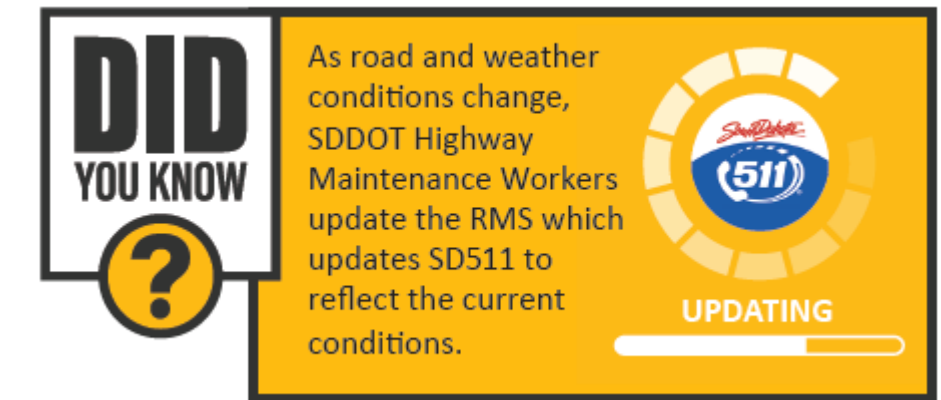


Variable Speed Limit System



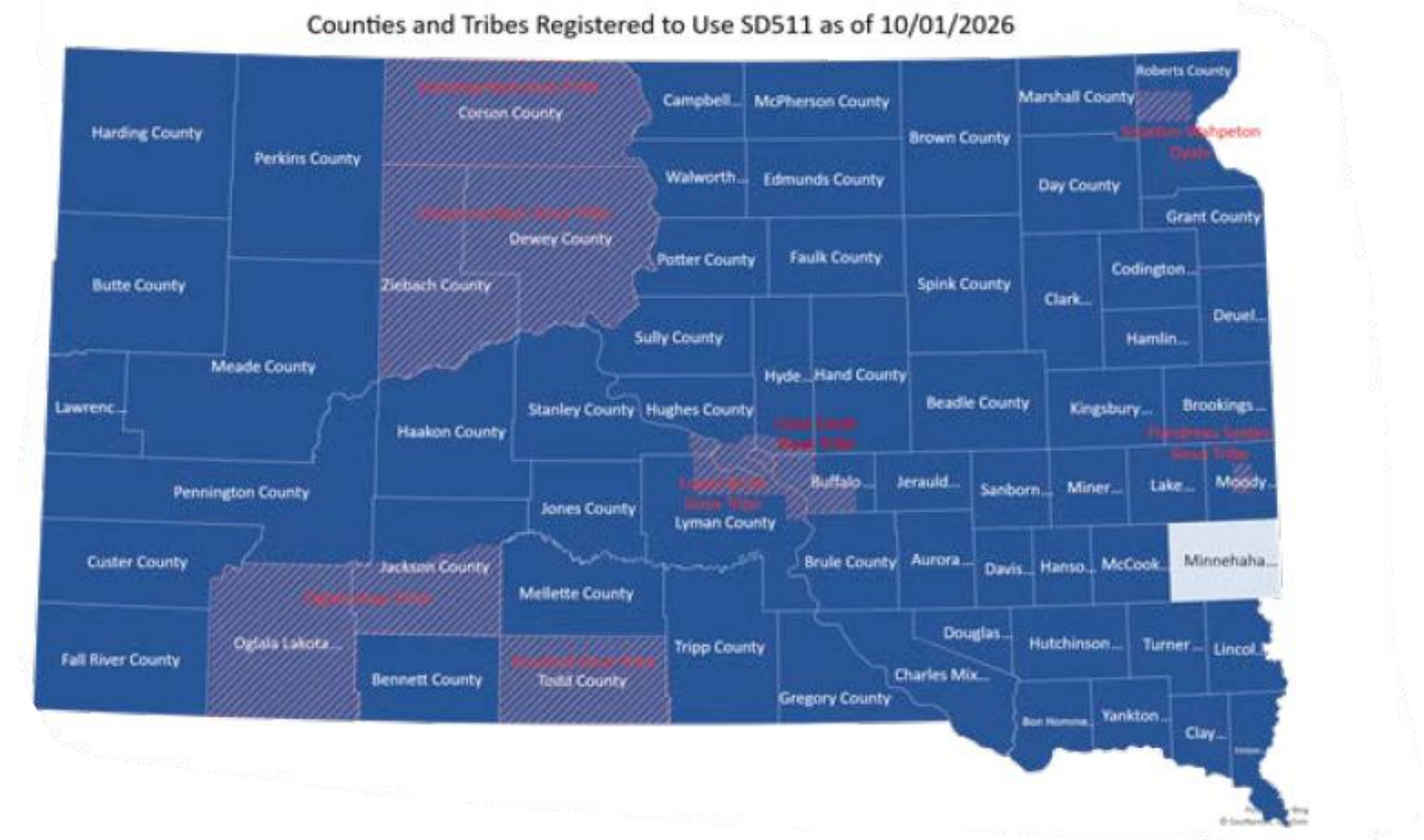
Section 3 Communications

- Road Condition Information
- SD511 – App/Website/Phone
- Winter Weather Hub
- Road Cameras
- Winter Webinar
- Social Media
- WHMP – Condensed Version
- Updated Message Boards
- Text In Service



County & Tribal Traveler Information

- Post Closure & No Travel Advisory to SD511
- Annual Training Meeting Held
- Promptly Enter / Remove Information

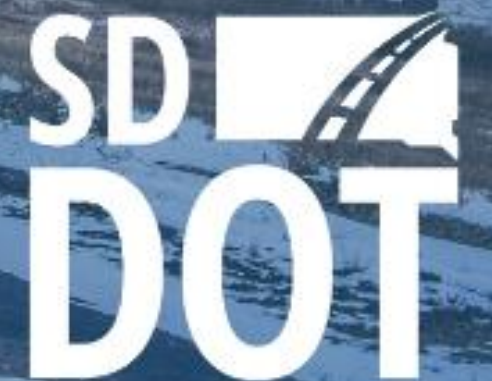


SAFETY IN ALL WE DO



The SDDOT strives to get everyone home safely, everyday. Whether you are a part of the traveling public, an SDDOT contractor or state employee, our number one priority is your safety.

Please take safety precautions seriously and take the steps to get home to the people who are counting on you.



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THANK YOU!



To Those Who Plow South Dakota's Highways