



**DEPARTMENT OF
TRANSPORTATION**

Public Information

Project Location: Interstate 29 near exit 114 to three miles north of exit 133 in Brookings County and Moody County

Project Description: Variable Speed Limit Corridor

Project Number: CR 0294(74)114, Brookings County and Moody County, PCN 080D

Public Meeting Information @

https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_1980



The South Dakota Department of Transportation gives public notice of its policy to uphold and assure full compliance with the non-discrimination requirements of Title VI of the Civil Rights Act of 1964 and related Nondiscrimination authorities. Title VI and related Nondiscrimination authorities stipulate that no person in the United States of America shall on the grounds of race, color, national origin, religion, sex, age, disability, income level or Limited English Proficiency be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving Federal financial assistance.

Any person who has questions concerning this policy or wishes to file a discrimination complaint should contact the Department's Civil Rights Office at 605-773-3540.



PUBLIC MEETING

Project Location: Interstate 29 from exit 114 (Flandreau) to three miles north of exit 133 (Brookings)
Project Number: CR 0294(74)114 PCN 080D
Date: Thursday, April 11, 2024 – 5:30 p.m. A short presentation will be given around 5:45 p.m.

Dave Huft, South Dakota Department of Transportation (SDDOT) ITS Program Manager | Josh Larson, McLaurry Engineering Project Manager | Jake Folkeringa, Bolton & Menk ITS Engineer

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MISSION

To efficiently provide a safe and effective public transportation system.

<https://dot.sd.gov/>



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PURPOSE OF THE MEETING





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PROJECT LIMITS





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BACKGROUND INFORMATION

The Challenge

- I-29 often experiences severe winter weather resulting in injuries, deaths, secondary collisions, delays, closures, and travel time unreliability.

Potential Countermeasures

- The variable speed limit (VSL) system is designed to lower the regulatory speed limit when appropriate, based on real-time roadway and travel conditions.
- The supporting intelligent transportation system (ITS) deployments may include queue warning systems, road closure gates, and signing enhancements.

| | | |
|---|-----------|--|
|  | 2 | Fatalities |
|  | 32 | Crashes During Winter Weather |
|  | 3 | Winter Weather Full Roadway Closures (22 - 23 Winter Season) |
|  | 9 | SDSU Home Football Games Leading To Traffic Congestion |




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SAFETY CHALLENGES



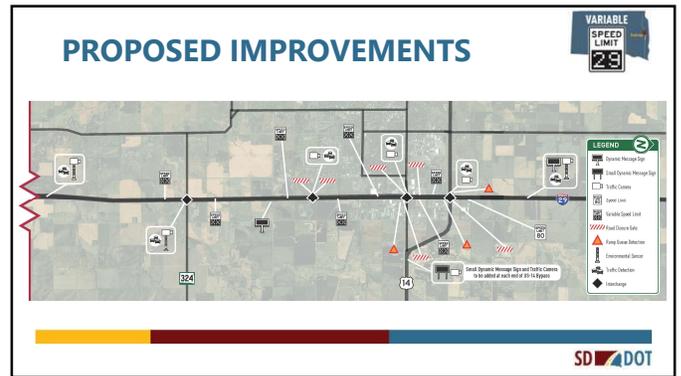
| | |
|-------------------|-----|
| Inclement Weather | 117 |
| Secondary Crash | 13 |
| Speeding | 76 |
| Winter Road | 5 |




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VARIABLE SPEED LIMIT BENEFITS

VSL can reduce crashes on Interstates up to:

- 34% for total crashes
- 65% for rear-end crashes
- 51% for fatal and injury crashes

Benefit/cost ratios range between 9:1 – 40:1

Reduce Interstate closures by 33%

States currently using VSL include:

- Alabama, Colorado, Indiana, Michigan, Ohio, Oregon, Pennsylvania, Virginia, Washington, and Wyoming

States planning/considering VSL include:

- Minnesota, North Dakota, and Texas

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WHAT THE SYSTEM IS NOT

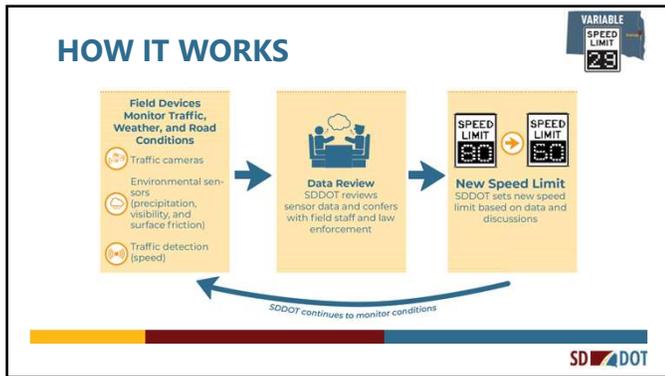
- It is NOT a winter speed trap.
- It is NOT a way to reduce speeds during normal driving conditions.
- It is NOT a way to capture your photo or personal information.

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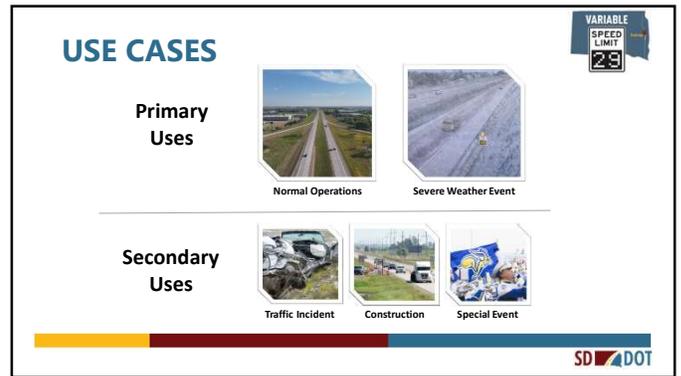
SYSTEM COMPONENTS

| | | | | |
|------------------------|-----------------------|-----------------------|--------------------|-------------------------|
| CORE SYSTEM COMPONENTS | | | | |
| | VSL Signs | Environmental Sensors | Traffic Detection | Traffic Cameras |
| SUPPORTING DEVICES | | | | |
| | Dynamic Message Signs | Ramp Queue Detection | Road Closure Gates | Road Closure Gate Signs |

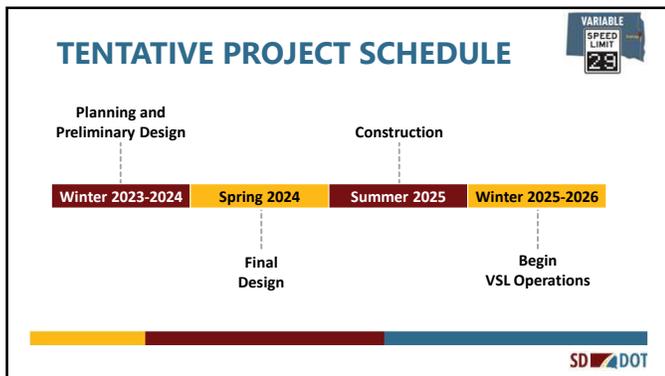
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QUESTIONS OR COMMENTS

DEADLINE:
Friday, April 26th, 2024

SUBMIT TO:
Josh Larson
McLaury Engineering
5032 S. Bur Oak Place, Suite 110
Sioux Falls, SD 57108
jl Larson@mcclauryengineering.com

WEBSITE:
https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_1980

THANK YOU

SCAN ME

VARIABLE SPEED LIMIT
29

SD DOT

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DEPARTMENT OF TRANSPORTATION

Encroachments in ROW

Federal Regulations (CFR 23.1) require that the State Highway Department (SDDOT) will be responsible for preserving such ROW free of all public and private installation, facilities, and encroachments.

No improvements shall be allowed to remain in the ROW unless they are deemed in the best interest of the public and will not impair the highway or interfere with the free and safe flow of traffic.

Encroachments are any private property or improvement in the public ROW that is not approved by permit such as:

- Landscaping items
- Fence
- Signs
- Buildings
- Etc.

SDDOT Staff will survey the project limits to identify all encroachments. Prior to the project being let to contract, landowners will be contacted by the SDDOT or City Government regarding how each encroachment will be addressed or handled. If it is determined that the removal of an encroachment is required, it will be the landowner's responsibility to remove the encroachment.

For additional information, please contact:

Matt Brey
Area Engineer
SDDOT Watertown Area Office
5000 U.S. Highway 212
Watertown, SD 57201
Phone: 605-882-5166
E-Mail: matt.brey@state.sd.us



DEPARTMENT OF TRANSPORTATION

Environmental, Social & Economic Impacts and Advanced Utility Coordination

Environmental, Social & Economic Impacts

- Project will comply with all state and federal environmental regulations.
- No splitting of neighborhoods will occur because of this project.
- Project will be coordinated with the following state and federal agencies:
 - SD Dept. of Environment & Natural Resources
 - SD Dept. of Game, Fish & Parks
 - US Fish & Wildlife Service
 - State Historic Preservation Office
 - US Forest Service
- For additional information, please contact:

Chad Babcock
Environmental Manager
SDDOT Office of Administration
700 E. Broadway Ave.
Pierre, SD 57501
Phone: 605-773-3309
E-Mail: Joanne.Hight@state.sd.us

Advanced Utility Coordination

Highway projects may require adjustments or relocation of existing utilities located along or crossing the highway project. The SDDOT has an "Advanced Utility Coordinating Process" in place that addresses all existing utility involvement. This process involves meeting with the utility owner and project designers to **review** any conflicts and determine the most cost-effective option of changing the design to avoid the existing utility or adjusting the utility. If the utility is required to relocate, all replacement utility easement acquisition and relocation work will be addressed and coordinated between the landowner and the utility company.

- For additional information, please contact:

Bronson Blow
Utility Coordinator
SDDOT Office of Road Design
700 E. Broadway Ave.
Pierre, SD 57501
Phone: 605-773-3433
E-Mail: Bronson.Blow@state.sd.us

