

Public Meeting

SD Highway 13
From SD324 to US14
Brookings County

P-PH 0013(049)121 PCN 05EX

Cary Cleland
Road Design Supervisor

December 9, 2020



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Purpose of the Meeting

- Involve the public in the planning and design process
- Provide a Project Overview
 - Background Information
 - Proposed Project
 - Project Schedule
- Gather Input and Comments



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Project Limits



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Background Information

- Grading & Structures in 1939
- Resurfaced in 1976, 1989 and 2007



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Traffic

- 2019 Average Daily Traffic (ADT) = 1215
- 2044 Projected ADT = 1607
- 8.6% Average Truck Traffic



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Crash History

- 3 Year Period from 2012 to 2017
 - 16 Reported Crashes
 - 7 Overturn Off Road
 - 4 Fixed Object Off Road
 - 3 Animal Hit
 - 1 Head On
 - 1 Angle-Intersection
 - 0 Fatalities
- Rural Principal Arterial
 - Reported Crash Rate = 1.43
 - Statewide Weighted Crash Rate = 2.32 (crashes per million vehicle miles of travel)



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Highway Deficiencies

- Vertical Curves
- Narrow Shoulders – 2 feet
- Surfacing
- Structures



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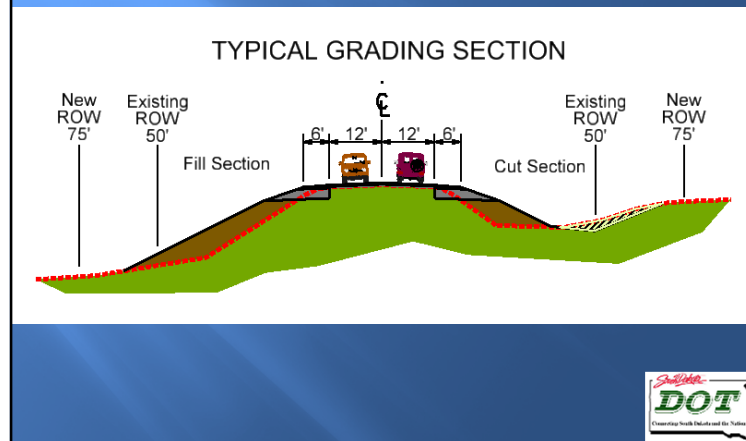
Proposed Improvements

- Widen Roadway – 6 feet Shoulders
- Improve Sight Distance
- Improve Intersection Angle at Elkton
 - Add intersection turn lanes
- Replace Structure over Medary Creek
- Replace Culverts
- Replace Fence
- Interim Gravel Surfacing
- New Asphalt Surfacing - 2024



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Proposed Typical Section



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Access Management

- To provide safe, efficient access to streets and highways
- Limit number of direct accesses to major roadways

See Handout

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Right of Way (ROW)

- Existing Width - 100 feet
- Purchase additional ROW – 25 feet each side, 150 feet total
 - May reduce width near residences
- Temporary easements as needed for construction

See Handout

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Encroachments

- Encroachments - Private Property Located within the Public ROW
 - Federal Highway Regulations Safety
- Examples of Encroachments
 - Signs
 - Private Use (Parking)
 - Landscaping Items
- Owners of encroachments will be notified by the Watertown Area Office

See Handout

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Utility Coordination

- **Some utilities may need to be relocated**
- **Utility companies may negotiate easements with landowners as needed**

OtterTail Power Company
Sioux Valley Energy
Interstate Telecommunications Coop. INC.
Mediacom
Brookings-Deuel Rural Water System

See Handout



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Utility Coordination

- **Any Known Private Utilities?**
 - Waterlines
 - Drainfields
 - Drain Tile
 - Septic Tanks
 - Underground Storage Tanks
 - Underground Power Lines
- **Contact SDDOT**

See Handout



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Environmental, Social & Economic Concerns

- **A cultural resources survey will be conducted.**
- **The project is being reviewed to determine extent of wetland impacts.**
- **Endangered and Threatened Species:**
 - **Birds:** Rufa Red Knot
 - **Mammals:** Northern Long-Eared Bat
 - **Fish:** Topeka Shiner
 - **Plants:** Western Prairie Fringed Orchid
 - **Invertabrates:** Dakota Skipper and Powershiek Skipperling

See Handout



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Environmental, Social & Economic Concerns

This project is being developed in accordance with applicable State and Federal environmental regulations.

- **National Environmental Policy Act of 1969 (NEPA), as amended. Coordination has been initiated with State & Federal resource agencies.**

See Handout



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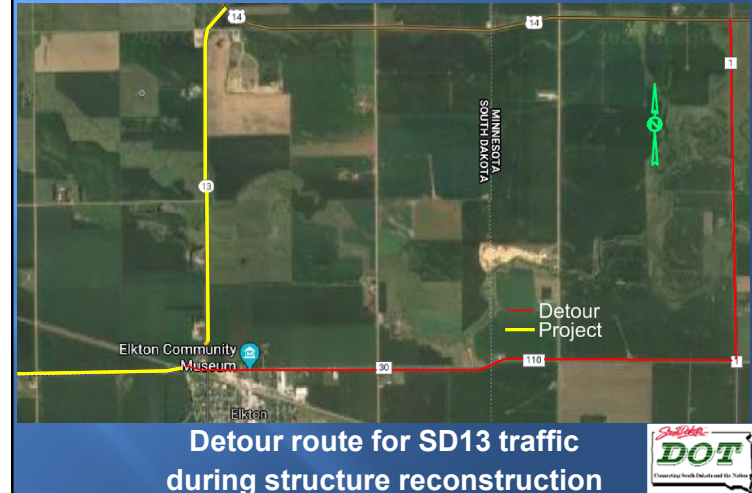
Construction Traffic Control

- Road will be closed at structure to through traffic during construction
- Local traffic and emergency vehicle access will be maintained at all times



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Construction Traffic Control



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Landowner Meetings

- **Spring 2021**
 - Will be contacted by SDDOT to schedule appointment (in person or virtual)
- **Held with individual landowners adjacent to the project**
 - Driveway location / widths
 - Fence
 - Drainage
 - Trees
 - Temporary Easements or ROW acquisition

See Handout



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Tentative Project Schedule

Dependent on Federal Funding

Landowner Meetings	Spring 2021
Final Design	2021
ROW Acquisition Process	2022
Construction	2023

Estimated Cost: \$7.3 million

Final Surfacing is planned for 2024



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Questions or Comments

Please Submit Questions or Comments by
December 28, 2020 to:

Michael Jacobson
South Dakota Department of Transportation
5316 West 60th St. North
Sioux Falls, SD 57107

Michael.Jacobson@state.sd.us

Public Meeting Information @
<https://dot.sd.gov/projects-studies/projects/public-meetings>

