

Public Meeting

SD Highway 46

**From East of Beresford to the Iowa
State Line**

P-PH 0046(61)366 PCN 04JF

Cary Cleland

Road Design Supervisor

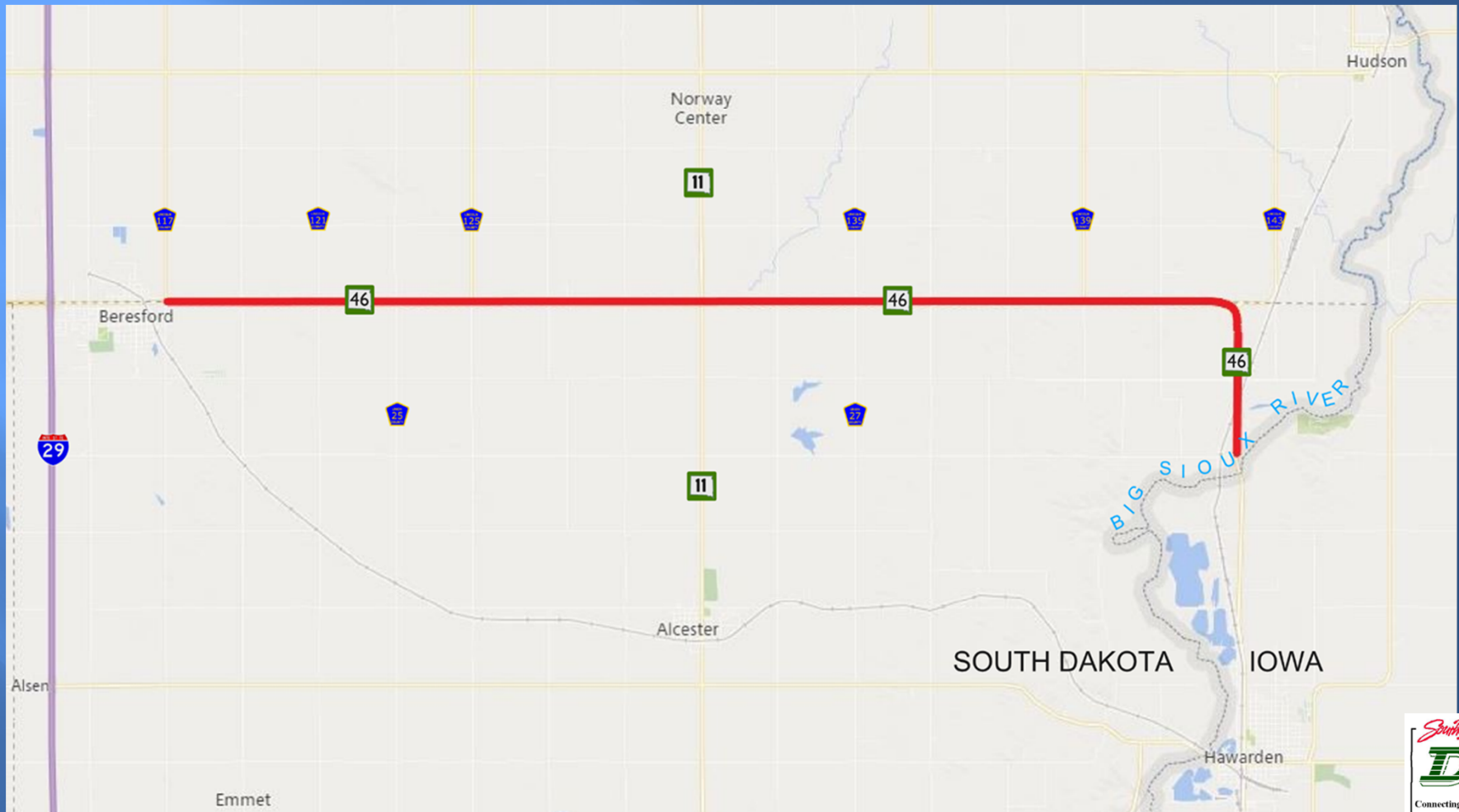
April 25, 2019



Purpose of the Meeting

- **Involve the public in the planning and design process**
- **Provide an overview of project**
 - Background information
 - Proposed project
 - Project schedule
- **Gather input and comments**

Project Limits



Background Information

- Grading, structures & surfacing in 1955
- Big Sioux River Bridge replaced in 1991
- Last resurfaced in 2008

Highway Deficiencies

- Surfacing age
- Passing sight distance
- Structure life (2 bridges & 3 box culverts)



Traffic

- **2018 Average Daily Traffic (ADT) = 2077**
- **2043 Projected ADT = 2960**
- **22.2% Average Truck Traffic**

Crash History

- **5 year period from 2014 to 2018**
 - 39 Reported crashes
 - 21 Animal hit
 - 2 Rear end
 - 4 Angle intersection
 - 2 Angle no intersection
 - 3 Fixed object off road
 - 1 Sideswipe overtake
 - 1 Sideswipe opposite direction
 - 1 Head on
 - 1 Overturn off road
 - 3 Other
 - 9 Injury crashes
 - Reported crash rate = 0.95
- **Rural Minor Arterial**
 - Statewide weighted crash rate = 1.74
crashes per million vehicle miles of travel

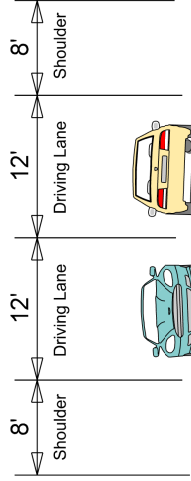
Proposed Improvements

- **Construct 2 lanes with 8' shoulders**
- **Add left turn lane at 475th Ave. (Union County Hwy 25)**
- **Realign intersection of 297th St. & 486th Ave.**
 - Left turn lane at center of curve
 - Existing connections removed
- **Replace pipe culverts, box culverts, & bridges**
 - Excluding Big Sioux River bridge
- **Exception for intersection of SD Hwy 11**
 - This work was completed in 2017

TYPICAL GRADING SECTION

Existing
ROW
75'

Existing
ROW
75'



Fill Section

Cut Section

Existing Ground



Access Management

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

See Handout



Right of Way (ROW)

- Existing width - 150 feet
- Purchase additional as needed for culverts, erosion protection, & fill slopes
- Temporary easements as needed for construction

See Handout



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 Yankton Area Office**

See Handout



Utility Coordination

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

Alliance Communications
City of Beresford
Clay-Union Rural Water
Vast Broadband
Premier Communications
Southeastern Electric
MidAmerican Energy

Magellan Pipeline
Verizon Communications
Northern Natural Gas
NuStar Energy
South Lincoln Rural Water
Sprint

See Handout



Utility Coordination

- **Any known private utilities?**
 - Waterlines
 - Drainfields
 - Septic tanks
 - Underground storage tanks
 - Underground power lines
- **Contact SDDOT**

See Handout



Environmental, Social & Economic Concerns

- This project is being developed in accordance with applicable State and Federal environmental regulations.
- In accordance with the National Environmental Policy Act of 1969 (NEPA), as amended, coordination has been initiated with State & Federal resource agencies.

See Handout



Environmental, Social & Economic Concerns

- A cultural resources survey will be conducted.
- The project is being reviewed to determine:
 - Wetland impacts
 - Section 4(f) – Parks & Refuges
 - Section 106 – Historic Properties & Tribal
 - Endangered & Threatened Species – None expected

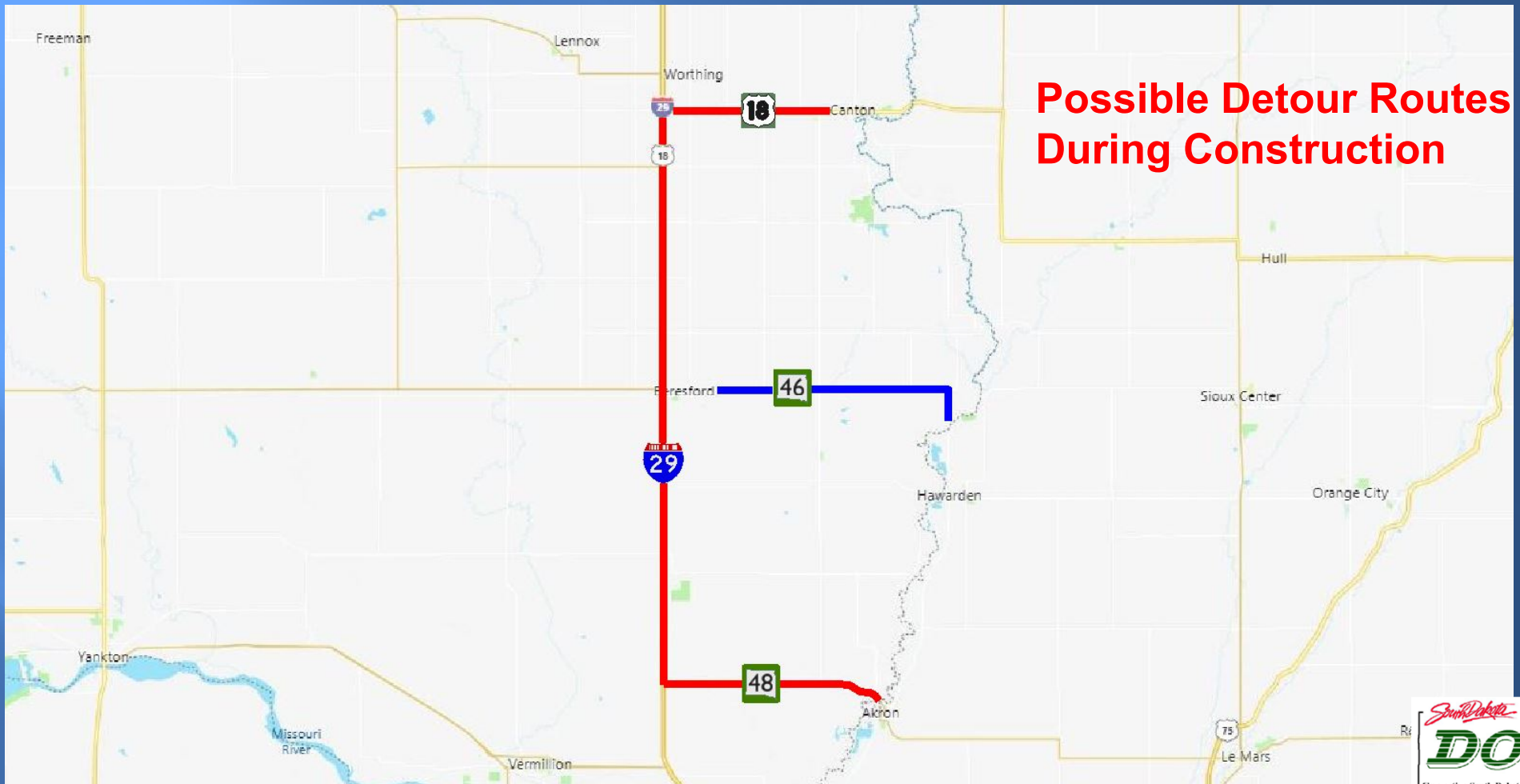
See Handout



Construction Traffic Control

- Local traffic and emergency vehicle access will be maintained
- Through traffic will be detoured to alternate routes
- SD46 will likely be closed to through traffic during construction

Construction Traffic Control



**Possible Detour Routes
During Construction**



Landowner Meetings

- **Fall of 2019**
 - Affected property owners will be contacted by SDDOT to schedule an appointment
- **Held with individual landowners adjacent to the project**
 - Driveway location/width
 - Fences
 - Drainage
 - Trees
 - Temporary easements or ROW acquisition

See Handout



Tentative Project Schedule

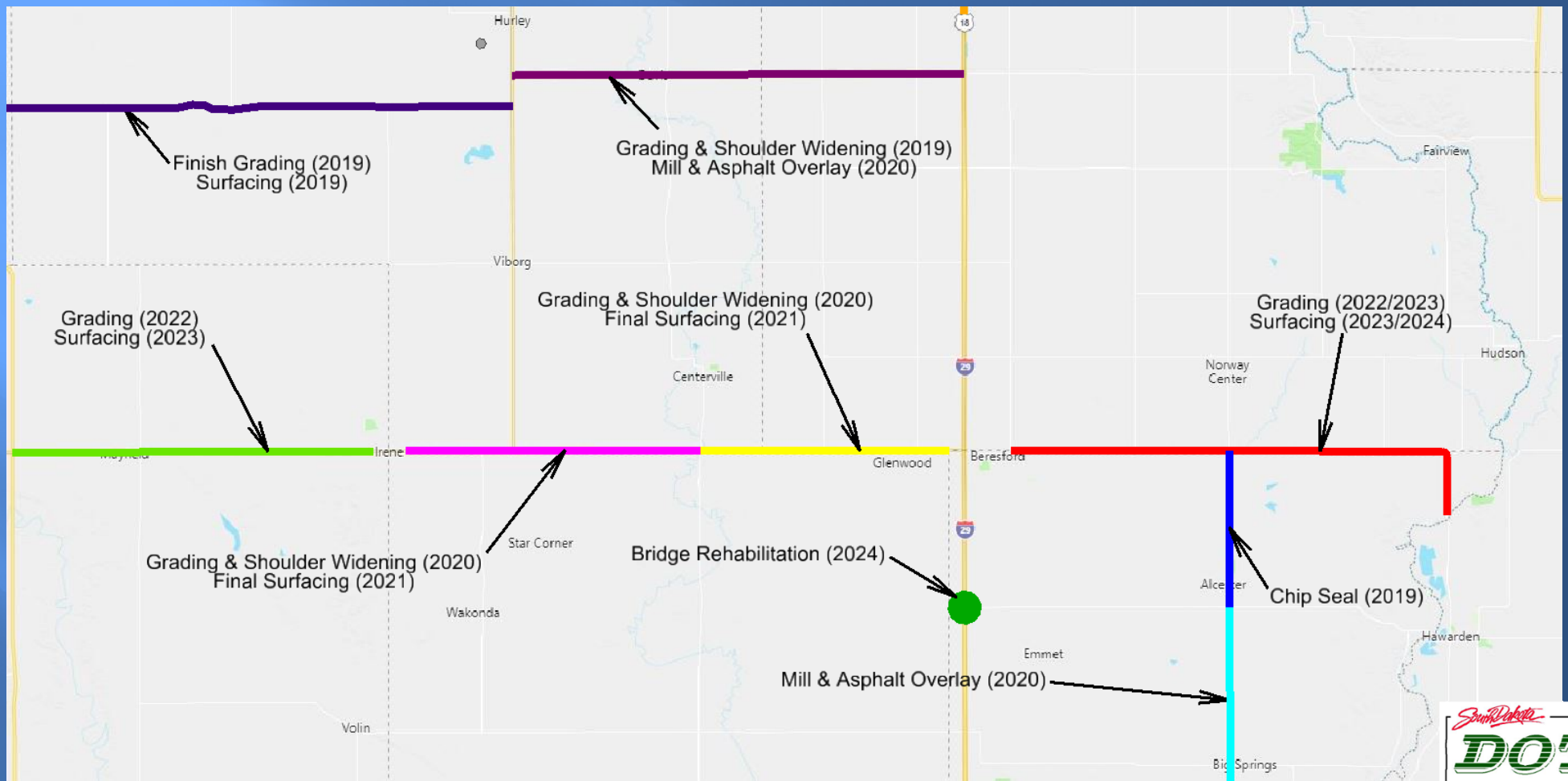
Dependent on Federal Funding

Landowner Meetings	Fall 2019
Final Design	2019-2020
ROW Acquisition Process	2020-2021
Construction	2022-2024

Estimated Cost:	\$32.3 million (Includes Final Surfacing)
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Projects in the Area



Public Meeting Survey

- How did we do?
- Please fill out survey and turn back into one of our DOT staff tonight
- Survey can also be completed online at the site shown on the survey

Survey Monkey @

<https://www.surveymonkey.com/r/SDDOT-Public-Meeting-Survey>



Questions or Comments

Please submit questions or comments by
May 9th, 2019 to:

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Public Meeting Information @
<http://sddot.com/dot/publicmeetings/default.aspx>

