

Public Meeting

SD Highway 15 From SD28 to SD22 Deuel County

P-PH 0015(76)128 PCN 04HL

Paul Nikolas, PE
Road Design Engineer

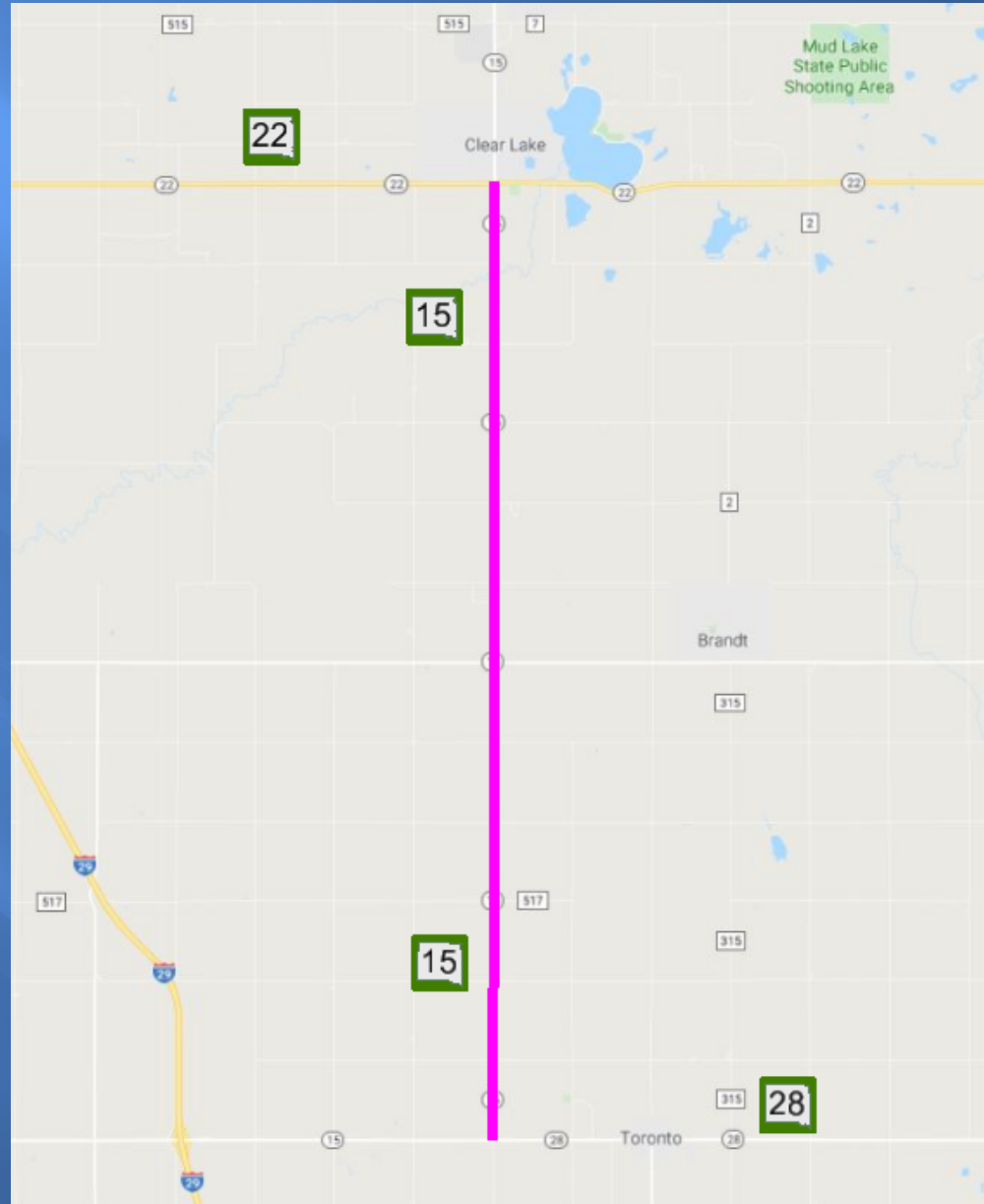
April 6, 2020



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**

Project Limits



Background Information

- **Grading in 1942**
- **Hidewood Creek Structure in 1994
(Project Exception)**
- **Resurfaced in 2010**
- **Sand Seal in 2013**

Traffic

- **2018 Average Daily Traffic (ADT) = 1560**
- **2043 Projected ADT = 1678**
- **16.3% Average Truck Traffic**

Crash History

- **5 Year Period from 2014 to 2018**
 - 36 Reported Crashes
 - 20 Animal Hit
 - 8 Fixed Object Off Road
 - 1 Angle-Intersection
 - 3 Rear End
 - 4 Other
 - 0 Fatalities
- **Rural Principal Arterial**
 - Reported Crash Rate = 1.58
 - Statewide Weighted Crash Rate = 1.69
(crashes per million vehicle miles of travel)



Highway Deficiencies

- Poor Vertical Alignment
- Limited Passing Opportunities
- Narrow Shoulders – 1-2 feet

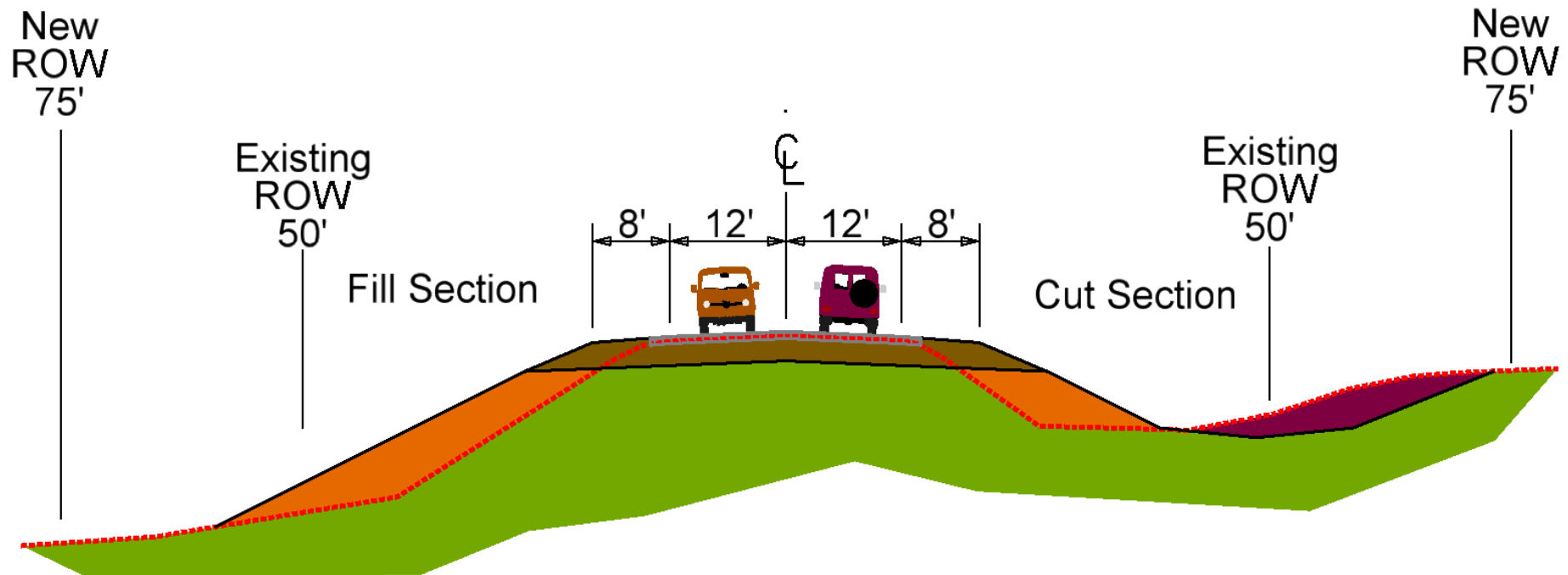


Proposed Improvements

- Increase Passing Opportunities
 - ❖ Existing No Passing = 7.05 miles
 - ❖ Proposed No Passing = 2.03 miles
- Improve Sight Distance
- Widen Roadway – 8 ft Shoulders
- Replace Culverts
- Interim Gravel Surfacing
- New Asphalt Surfacing - 2025

Proposed Typical Section

TYPICAL GRADING SECTION



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 - 100 feet total**
- **Purchase additional ROW - 150 feet total**
 - May reduce width near residences
- **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**

Ottertail Power

Northwestern Energy

Western Area Power Administration

Magellan Midstream Partners

Northern Border Pipeline

HD Electric Coop

Interstate Telecom Coop

Brookings Dueul Water

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

- 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
 - Invertabrates: Dakota Skipper and Powershiek Skipperling

See Handout



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

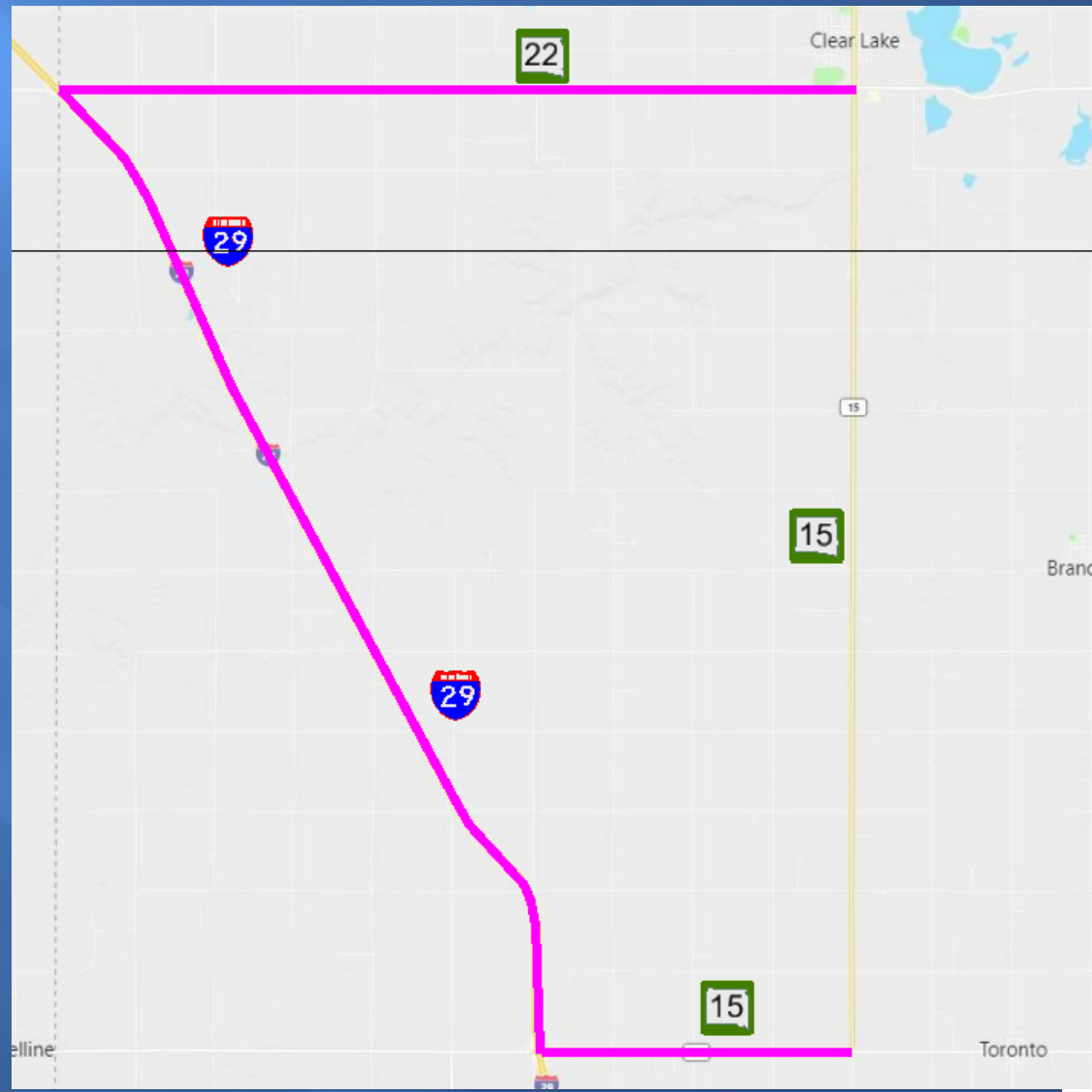


Construction Traffic Control

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

Construction Traffic Control

Detour Route



Landowner Meetings

- **Fall 2020**
 - Will be contacted by SDDOT to schedule appointment
- **Held with individual landowners adjacent to the project**
 - Driveway location / widths
 - Fence
 - Drainage
 - Trees
 - Temporary Easements or ROW acquisition

See Handout



Tentative Project Schedule

Dependent on Federal Funding

Landowner Meetings

Fall 2020

Final Design

Early 2021

**ROW Acquisition
Process**

**Late 2021 – Early
2022**

Construction

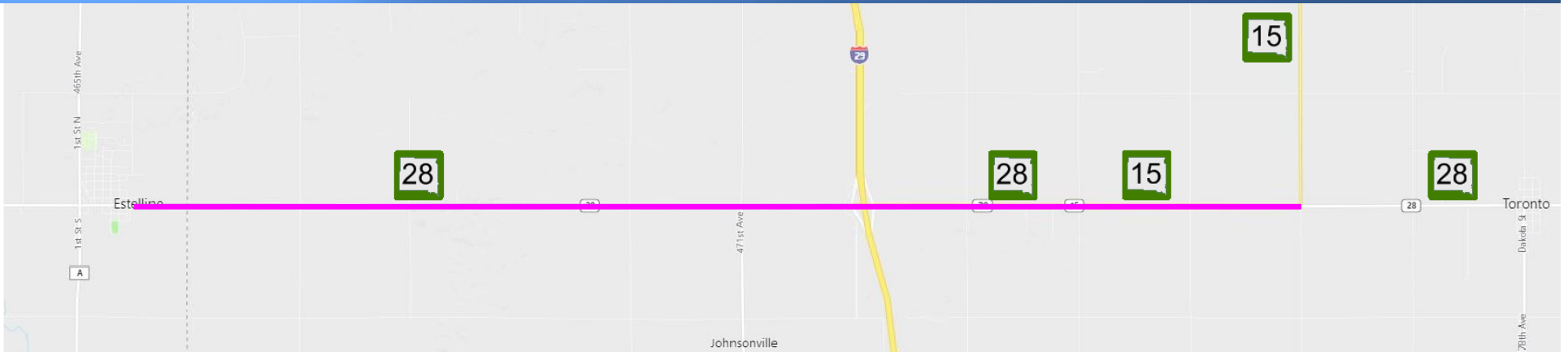
2024-2025

**Estimated Grading Cost: \$15.1 million
(Grading)**

**Final Surfacing is planned for 2025: \$5.8
million**



SD28 Reconstruction



- **SD28 from Estelline to SD15**
 - Grading in 2025
 - Asphalt Surfacing in 2026

Questions or Comments

Please Submit Questions or Comments by
April 20, 2020 to:

Cary Cleland

South Dakota Department of Transportation

5316 W 60th Street North

Sioux Falls, SD 57107

Cary.Cleland@state.sd.us

Public Meeting Information @

<https://dot.sd.gov/projects-studies/projects/public-meetings>

