Public Meeting

SD Highway 46
From Irene to SD19A
Clay & Turner Counties

Cary Cleland
Road Design Supervisor

September 15, 2016
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 & Culverts in 1950 & 1952
- New Asphalt Surfacing in 2001
- Chip Seal in 2011
- Construction Year for Project is 2019
Traffic

- 2015 Average Daily Traffic (ADT) = 2592
- 2040 Projected ADT = 3564
- 14.2% Average Truck Traffic
Crash History

3 Year Period from 2013 to 2015

- 27 Reported Crashes
  - 20 Animal Hit
  - 1 Fixed Object Off Road
  - 1 Angle-Intersection
  - 1 Rear End
  - 1 Overturn Off Road
  - 3 Other
- 0 Fatalities
- Reported Crash Rate = 1.18

Rural Minor Arterial

- Statewide Weighted Crash Rate = 1.69 crashes per million vehicle miles of travel
Highway Deficiencies

- Vertical Curves – Limited Sight Distance
- Narrow Shoulders – 2 feet – Safety Improvement
- Culverts
Proposed Improvements

- Widen Shoulders to 8 feet wide
- Spot Regrading (near 454th Ave) – Improve Passing Opportunities
- Flatten Inslopes to 4:1
- Purchase Additional Right-of-way (9 ft each side)
- Extend Box Culverts
- Replace or Extend Pipe Culverts
- Mill and Overlay (Including thru Irene)
Proposed Typical Section

- Existing ROW 66'
- New ROW 75'
- Fill Section
- Cut Section

Dimensions:
- 8'
- 12'
- 12'
- 8'

Disconnected DOT Logo
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 - 132 feet
- Purchase additional ROW to 150 feet
  - Approximately 9 ft on each side
  - Possibly reduced where buildings are close
- 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

Clay-Union Electric  Vast Broadband
Southeastern Electric  Midco Communications
East River Electric  Clay Rural Water
Fort Randall Telephone  B-Y Rural Water
SDN Communications
Utility Coordination

- Any Known Private Utilities?
  - Waterlines
  - Drainfields
  - Septic Tanks
  - Underground Storage Tanks
  - Underground Power Lines

- Contact SDDOT
The National Environmental Policy Act of 1969 (NEPA) requires that federally funded projects be reviewed to determine the social, economic, and environmental consequences of the action. Public involvement is beneficial to the implementation of a project’s NEPA process. This project is being developed in accordance with applicable State & Federal environmental regulations. **Your input** on the following will aid in the project’s development and NEPA review.

**Section 4(f) Property**
Project action will include all possible planning to avoid and minimize harm to publicly owned parks, recreational areas, wildlife & waterfowl refuges, or public & private historical sites. An evaluation of possible project effects is being done with project.

**Contaminated Materials**
Project will take into account contaminated soils with relation to existing above ground and underground storage tanks within or adjacent to project’s area of potential effect. If you have information on contaminated materials, or underground/above ground storage tanks that could be encountered during construction, please let us know.

See Handout
Section 106
Section 106 of the National Historic Preservation Act requires Federal actions to take into account the effects of project undertakings on historic properties. No historic properties were identified during a cultural resources survey of the project.

Wetlands
Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. If you are interested in creating or restoring wetlands on your property, please complete the Wetland Mitigation Registry Form in the handouts.

See Handout
The U.S. Fish & Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Clay and Turner Counties:

**Birds**
- Whooping Crane
- Rufa Red Knot
- Piping Plover
- Least Tern

See Handout
Threatened & Endangered Species

The U.S. Fish & Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Clay and Turner Counties:

**Mammals**
- Northern Long-eared Bat

**Fish**
- Topeka Shiner

See Handout
Threatened & Endangered Species
The U.S. Fish & Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Clay and Turner Counties:

**Plants**
- Western Prairie Fringed Orchid

**Mussels**
- Scaleshell Mussel

See Handout
Construction Traffic Control

- Regrading area will be closed to through traffic during construction
- Local traffic and emergency vehicle access will be maintained at all times
Landowner Meetings

- Winter 2016
  - Landowners will be contacted by SDDOT to schedule appointment

- Held with individual landowners adjacent to the project
  - Driveway location / widths
  - Fence
  - Drainage, Irrigation
  - Trees
  - Temporary Easements or ROW acquisition

See Handout
# Tentative Project Schedule

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<td>ROW Acquisition Process</td>
<td>2017/2018</td>
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**Estimated Cost:** $12.2 million

*Dependent on Federal Funding*
Other 2019 Project
On SD46

From SD19 Intersection to Beresford
Minor Grading and Shoulder Widening
Also to be constructed in 2019
Public Meeting was held in 2014 in Beresford
Questions or Comments

Please Submit Questions or Comments by **September 29, 2016** to:

Cary Cleland  
South Dakota Department of Transportation  
5316 W 60<sup>th</sup> St North  
Sioux Falls, SD 57107  
Cary.Cleland@state.sd.us

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