Public Meeting

P 0050(111)231 PCN 6953 – SD50
from K Street to Interstate 90 in Chamberlain

Karen Olson
Road Design Engineering Supervisor
March 27, 2017
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
(reconstruction portion)

- Reconstruction
- Intersection Lighting
- Geotechnical Issue

Locations:
- SD 50
- Sorensen Dr
Background Information
(reconstruction portion)

- Grading in 1952 & 1979
- Resurfaced in 1997
- Last Surface Improvement in 2006
Traffic

- 2015 Average Daily Traffic (ADT) = 4122
- 2040 Projected ADT = 4844
- 8.0% Average Truck Traffic
Crash History

5 Year Period from 2011 to 2015
- 14 Reported Crashes
  - 2 Angle-Intersection
  - 2 Fixed Object Off Road
  - 9 Animal Hit
  - 1 Other
  - Reported crash rate 1.21

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

- Geotechnical Issues
  - Landslide Areas, Pipe Failure, Erosion
- Truck Climbing Lane
- Intersection Lighting
- Pavement Condition
Proposed Improvements
(resurfacing portion)

- Mill & Overlay the Existing Asphalt Concrete Surfacing
Proposed Improvements
(reconstruction portion)

- Repair Geotechnical Problem Areas
- Extend Truck Climbing Lane
- Asphalt Concrete Surfacing
- Sorensen Drive Intersection Improvements
- Access Management
Proposed Typical Sections

SD 50 Proposed Typical Section From East of Bridge Over RR to North of Sorensen Drive Intersection

SD 50 Proposed Typical Section From South of Sorensen Drive Intersection to 1700' South of Sorensen Dr
Intersection Layout
SD50 / Sorensen Drive

- New Right Turn Lane onto Sorensen Dr
- Dedicated Left Turn Lane from Sorensen Dr
- Additional Left Turn Lane Storage onto Sorensen Dr
Roadway Lighting

- Retain Existing Lighting
- New Lighting
  - Intersection of SD50 and Sorensen Drive
To provide safe, efficient access to streets and highways

Limit number of direct accesses to major roadways

Provide adequate spacing between driveways and cross-roads

See Handout
Right of Way (ROW)

- Existing Width – varies between 50 feet and 100 feet from centerline
- Purchase additional ROW as needed
- 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 Mitchell Area Office

See Handout
Utility Coordination

- Some Utilities may need to be relocated
- Utility Companies may negotiate easements with landowners as needed
- Existing utilities may include:

  Central Electric Coop  Midstate Communications
  City of Chamberlain   Century Link
  Northwestern Energy   Aurora Brule Rural Water

See Handout
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**

The project is being reviewed to determine potential impacts to Section 4(f) properties, i.e. publicly owned parks, recreational areas, wildlife & waterfowl refuges, or public & private historical sites.

**Regulated Materials**

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.

*A cultural resources survey has been requested on this 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 handout.

*The project is being reviewed for potential impacts to wetlands.*
Threatened & Endangered Species

According to the U.S. Fish & Wildlife Service, the following species are known to occur in Brule County:

- Birds: Least Tern, Piping Plover, Red Knot, Whooping Crane
- Fish: Pallid Sturgeon
- Mammals: Northern Long-Eared Bat

The project is being reviewed for potential impacts to T&E species.

See Handout
A majority of the roadway can be reconstructed \( \frac{1}{2} \) at a time in phases with traffic maintained on the opposite side.

A portion of the project may require a short-term closure and detour, dependent on subsurface and weather conditions.
Landowner Meetings

- **Summer 2017**
  - Will be contacted by SDDOT to schedule appointment

- **Held with individual landowners adjacent to the project**
  - Driveway or access location/width
  - Drainage
  - Trees
  - Fence
  - Temporary Easements or ROW acquisition

See Handout
## Tentative Project Schedule
Dependent on Federal Funding

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**Estimated Cost:** $6.5 million
Questions or Comments

Please Send Comment Forms or Letters by April 10, 2017 to:

Karen Olson
SD Department of Transportation
700 E Broadway
Pierre SD, 57501
Karen.Olson@state.sd.us

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