Public Meeting

SD Highway 50 from the divided lanes West of Vermillion to the divided lanes East of Vermillion Clay County

NH 0050(117)407  PCN 04YU

Cary Cleland
Road Design Engineering Supervisor

July 25, 2017
Purpose of the Meeting

- Involve the Public in the Planning and Design Process
- Provide a Project Overview
  - Background Information
  - Proposed Improvements
  - Project Schedule
- Gather Input and Comments
Project Limits

Project Length = 5 miles
Background Information

- Resurfacing Section
  - Grading in 1982

- Widening Section
  - Grading in 1953
  - Grading & Storm Sewer in 1974

- Both Sections Resurfaced in 2002
Traffic – SD50

- 2016 Average Daily Traffic (ADT) = 4883
- 2041 Projected ADT = 6782
- 17.1% Average Truck Traffic
Crash History – SD50

- 5 Year Period from 2012 to 2016
  - 45 Reported Crashes
    - 19 Angle-Intersection
    - 11 Animal Hit
    - 15 Other
  - 3 Fatalities
  - Reported Crash Rate = 2.20

- Rural Principle Arterial
  - Statewide Weighted Crash Rate = 1.48 crashes per million vehicle miles of travel
Highway Deficiencies

- Narrow Roadway
  - 4 – 11’ Driving Lanes
  - 8’ Left Turn Lane
  - No Shoulders

- Poor Surfacing Condition
  - Outer 6’ Deteriorating
  - Overlay This Summer
Proposed Improvements

- Widen Roadway –
  - 4 – 12’ Driving Lanes
  - 12’ Two Way Left Turn Lane
  - 4’ Shoulders
- Remove Curb & Gutter and Storm Sewer
- Asphalt Concrete Resurfacing
- Add Additional Lighting
Proposed Typical 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 – 200 feet
- Temporary Easements as needed for construction

See Handout
Encroachments - Private Property Located Within the Public ROW
- Federal Highway Regulations
- Safety

Examples of Encroachments
- Signs
- Private Use (Parking)
- Landscaping Items

Owners of Encroachments Have Been 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
- Existing utilities may include:

  Century Link
  Clay Union Electric
  Vast Broadband (Formerly WOW)
  S.D. Network Comm. Inc.
  Lewis and Clark Rural Water
  Long Lines
  Midco
  Clay Rural Water
  City of Vermillion

See Handout
Utility Coordination

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

- Contact SDDOT

See Handout
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. No Section 4(f) properties have been identified along the project as of this time.

Contaminated Materials
No contaminated materials have been identified along the project, to date. 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 will be conducted on the project to determine if historic / archaeological resources will be impacted by the project.

Wetlands
Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. **Wetland impacts have not been determined yet for this project.** If you are interested in creating or restoring wetlands on your property, please complete the Wetland Mitigation Registry Form in the handouts.
Threatened & Endangered Species

The U.S. Fish & Wildlife Service reviewed the project and concurred that the project will have no effect on the following species that are known to occur in Clay Counties:

- Birds: Piping Plover, Least Tern & Red Knot

See Handout
Threatened & Endangered Species, cont.

- Mammals: Northern Long-Eared Bat

See Handout
Environmental, Social & Economic Concerns

Threatened & Endangered Species, cont.

• Fish: Topeka Shiner, Pallid Sturgeon

See Handout
Environmental, Social & Economic Concerns

Threatened & Endangered Species, cont.
- Plants: Western Prairie-Fringed Orchid
- Clam: Scaleshell Mussel

See Handout
Construction Traffic Control

- Traffic will be maintained.
- Access will be maintained to adjacent properties.
Landowner Meetings

- Fall 2017
  - Will be contacted by SDDOT to schedule appointment
- Held with individual landowners adjacent to the project to discuss:
  - Driveway location / widths

See Handout
## Tentative Project Schedule

<table>
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<tr>
<th>Event</th>
<th>Timeline</th>
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<tr>
<td>Landowner Meetings</td>
<td>Fall 2017</td>
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<tr>
<td>Final Design</td>
<td>2018</td>
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<tr>
<td>ROW Acquisition Process</td>
<td>2018 / 2019</td>
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<tr>
<td>Construction</td>
<td>2021</td>
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<tr>
<td>Estimated Cost</td>
<td>$6.7 million</td>
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Projects in the Area

- Milling, Grading and AC Surfacing 2021
- Grading, Box Culvert and PCC Surfacing 2020
- Milling, AC Surfacing, Structure and Pipe Culvert Modifications 2017
- Structure Repair and Deck Overlay 2017
Questions or Comments

Please Submit Questions or Comments by **August 11, 2017** to:

Cary Cleland  
South Dakota Department of Transportation  
5316 W. 60th St. N.  
Sioux Falls, SD 57107  
Cary.Cleland@state.sd.us

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

- How can we improve?
- Please fill out survey and turn in tonight.
- You can also complete it online at the site identified on the first page of the survey.