Public Meeting

US Highway 81
From 306th St. to 303rd St.
Yankton County

NH 0081(103)6  PCN 04G5

Brandon Riss, PE
Road Design Engineer

June 12, 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

End Project: 303rd St. (Volin Rd.)

Begin Project: 81

304th St. (Utica Rd.)

306th St. (Tabor Rd.)

Yankton
Background Information

- Grading & Structure in 1954
- Structure – 118’6” Steel Girder Bridge
- Asphalt Overlay in 2011
- Chip Seal in 2013
Traffic

- 2019 Average Daily Traffic (ADT) = 3706
- 2039 Projected ADT = 5033
- 15.2% Average Truck Traffic
Crash History

5 Year Period from 2015 to 2019

- 23 Reported Crashes
  - 15 Animal Hit
  - 1 Fixed Object Off Road
  - 1 Side Swipe Same Direction
  - 1 Side Swipe Opposite Direction
  - 1 Angle Non-Intersection
  - 1 Pedestrian
  - 3 Other
- 1 Fatalities
- Reported Crash Rate = 1.56

Rural Principal Arterial

- Statewide Weighted Crash Rate = 1.47 crashes per million vehicle miles of travel
Highway Deficiencies

- Steep Grades – 6.5%
- Sight Distances
- Structure Width
Proposed Improvements

- 4-Lane Divided Highway
- Flatten Grades – 4% to 5% Max
- Replace Structure over Beaver Creek
- Replace Fence and Culverts
- Improve Sight Distances
- Added Left Turn Lanes at 304th & 303rd
Proposed Typical Section

New ROW 125' (From Proposed CL)

Proposed 250' Corridor

Fill Section

Cut Section

4' 12' 12' 8'

8' 12' 12' 8'

84' Proposed

New ROW 125' (From Proposed CL)
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
- Purchase additional ROW ≈ 50 feet
  - Roadway shifted at various locations
- 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

Bon Homme Yankton Electric  Keystone Pipeline
B-Y Water  Nustar Energy
Midco  Northwestern Energy
SDN Communications  Century Link

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 was 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.**

**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.
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. The project has not been cleared yet for Section 106. A cultural/historic survey is currently being conducted by the Archaeological Research Center. The State Historic Preservation Office will review the results of the survey to determine potential impacts to historic properties or known cultural sites as a result of the project.

Wetlands
Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. A wetland determination is being conducted for this project. The SDDOT will work to avoid, minimize, and mitigate wetland impacts as a result of the project. If you are interested in creating or restoring wetlands on your property, please complete the Wetland Mitigation Registry Form in the handouts.
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 Yankton County:

- Birds: Least Tern, Pipe Plover, Whooping Crane, Red Knot
- Mammals: Northern Long-eared Bat
- Fish: Pallid Sturgeon
- Clams – Higgens Eye, Scaleshell Mussel
- Plants: Western Prairie-Fringed Orchid

Awaiting a final determination but at this time no impacts are anticipated to these species by the project.
Construction Traffic Control

- Traffic is to be Maintained Through the Project During Construction
- US81 Alignment Shifted to Allow Traffic During Construction
Landowner Meetings

- **Summer/Fall of 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

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<th>Timeline</th>
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<td>Landowner Meetings</td>
<td>Summer/Fall 2020</td>
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<tr>
<td>Final Design</td>
<td>Winter 2020</td>
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<tr>
<td>ROW Acquisition Process</td>
<td>2021/2022</td>
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<td>Construction</td>
<td>Late 2022 or 2023</td>
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<td>Estimated Cost:</td>
<td>$9.9 million</td>
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Projects in the Area

- 07CU – Intersection Year – 2020
- 04X4 – Grading Year – 2022
- 05ET – Shoulder Widening Year – 2023
- 04G5 – Grading Year – 2023
- 05UL – AC Overlay Year – 2023
Questions or Comments

Please Submit Questions or Comments by July 3, 2020 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