Public Meeting

US Highway 18/281
0.8 miles North of Pickstown over
St. Francis Bay &
Intersections in Lake Andes
Charles Mix County

NH 0018(203)333 PCN 04V9

Steve Johnson, PE
Bridge Design Program Manager

November 2, 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
Background Information

- Grading & Structures in 1947
- Resurfaced in 2003
- Chip Seal in 2013
Traffic

- 2016 Average Daily Traffic (ADT) = 1310
- 2041 Projected ADT = 2030
- 20.1% Average Truck Traffic
Crash History

- 5 Year Period from 2012 to 2016
  - 17 Reported Crashes
    - 10 Animal Hits
    - 1 DUI, 2 fatalities
    - 2 weather related
    - 2 distracted driving
    - 1 rear end
    - 1 evasive maneuver to avoid a rear end
  - Reported Crash Rate = 2.36

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

- Substandard vertical alignment
- Aging structure
- Surface condition
- Intersection geometrics in Lake Andes
Proposed Improvements

- Regrade vertical curves
- Replace structure over St. Francis Bay
- Re-align intersections at Lake Andes
- Pipe work
- Interim surfacing (final surfacing planned 2022)
Proposed Typical Section

TYPICAL GRADING SECTION

New ROW 75'

Existing ROW 66'

Fill Section

Cut Section

Existing ROW 66'

New ROW 75'

8'  12'  12'  8'
382\textsuperscript{nd} Ave Intersection Relocation in Lake Andes
SD50 Intersection Modification in Lake Andes
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 on US18 - 132 feet
- Purchase additional ROW - 150 feet
- 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

Randall Community Water District
Charles Mix Electric
Fort Randall Telephone
Northwest Energy
WAPA
City of Lake Andes
Town of Pickstown
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 will be evaluated to determine potential impacts to Section 4(f) properties, i.e. publicly owned parks, recreational areas, wildlife & waterfowl refuges, or public & private historical sites.

**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. The project is being evaluated for potential impacts to historic properties.

Wetlands
Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. The project is being evaluated for potential impacts to waters and wetland. 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 will review the project to determine if it will impact the following species that are known to occur in Charles Mix County:

**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 Charles Mix County:

Mammals
  • Northern Long-eared Bat

Fish
  • Pallid Sturgeon

See Handout
Bridge will be closed during construction.

Begin construction in spring or begin construction after Labor Day?
Construction Detour
Landowner Meetings

- **Spring 2018**
  - Landowners 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

<table>
<thead>
<tr>
<th>Event</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landowner Meetings</td>
<td>Spring 2018</td>
</tr>
<tr>
<td>Final Design</td>
<td>2018-2019</td>
</tr>
<tr>
<td>ROW Acquisition Process</td>
<td>2019-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>2021</td>
</tr>
</tbody>
</table>

**Estimated Cost:** $3.3 million
Questions or Comments

Please Submit Questions or Comments by **November 16, 2017** to:

Cary Cleland
South Dakota Department of Transportation
5316 W 60th St North
Sioux Falls, SD 57106
Cary.Cleland@state.sd.us

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