Public Meeting

SD Highway 42
From East of Big Sioux River to Iowa
Minnehaha County

NH-P 0042(59)373  PCN 03TE

Craig Smith
Mitchell Region Engineer
March 26, 2019
Purpose of the Meeting

- Involve the public in the planning and design process
- Provide an Overview of Project
  - Background Information
  - Proposed Project
  - Project Schedule
- Gather Input and Comments
Project Limits

Rowena

South Dakota

Iowa
Background Information

- Grading & Structures in 1939
- Resurfaced in 2000
Highway Deficiencies

- Surfacing Age
- Intersection Alignment
- Capacity
- Crash Rate
Traffic

- 2017 Average Daily Traffic (ADT) = 4983
- 2042 Projected ADT = 8221
- 11.5% Average Truck Traffic
Crash History

5 Year period from 2013 to 2017
- 54 Reported Crashes
  - 16 Animal hit
  - 12 Rear end
  - 8 Angle intersection
  - 7 Fixed object off road
  - 2 Sideswipe overtake
  - 2 Sideswipe opposite direction
  - 1 Head on
  - 6 other
- 17 Injury crashes (30 total injuries)
- 2 Fatal crashes (2 total fatalities)
- Reported crash rate = 2.26

Rural Principal Arterial
- Statewide weighted crash rate = 1.74
  crashes per million vehicle miles of travel
Proposed Improvements

- Construct 4 lanes for capacity and safety
- 5 lanes through Rowena
- ¼ mile full access from SD11 to 482nd
- ½ mile full access from 482nd to Iowa
- Curb and gutter west of Rowena and in Rowena
- Replace culverts
- Bike/pedestrian path to Rowena
- Light all intersections and in Rowena
TYPICAL GRADING SECTION
(West of Rowena)
TYPICAL GRADING SECTION
(in Rowena)
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 - 100 feet
- Purchase additional ROW - 100 feet for 200 feet total
- 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 Sioux Falls Area Office

See Handout
Utility Coordination

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

East River Electric
Sioux Valley Energy
Xcel Energy
Lyon Rural Electric
Alliance Communications
CenturyLink
Minnehaha Community Water
Any Known Private Utilities?

- Waterlines
- Drainfields
- Septic Tanks
- Underground Storage Tanks
- Underground Power Lines

Contact SDDOT

See Handout
This project is being developed in accordance with applicable State and Federal environmental regulations.

In accordance with the National Environmental Policy Act of 1969 (NEPA), as amended, coordination has been initiated with State & Federal resource agencies.
Environmental, Social & Economic Concerns

- A cultural resources survey will be conducted.
- The project is being reviewed to determine extent of wetland impacts.
- Endangered and Threatened Species:
  - Birds: Whooping Crane, Rufa Red Knot
  - Mammals: Northern Long-Eared Bat
  - Fish: Topeka Shiner
  - Plants: Western Prairie Fringed Orchid
Construction Traffic Control

- SD42 will likely be closed to through traffic during construction
- Through traffic will be detoured to alternate routes
- Local traffic and emergency vehicle access will be maintained at all times
Construction Traffic Control

Possible Detour Routes During Construction

Rowena
South Dakota, Iowa

SD19
Landowner Meetings

- Summer 2019
  - Affected Property Owners will be contacted by SDDOT to schedule appointment

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

See Handout
# Tentative Project Schedule

*Dependent on Federal Funding*

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<td>ROW Acquisition Process</td>
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<td>Estimated Cost:</td>
<td>$26.8 million</td>
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Questions or Comments

Please Submit Questions or Comments by **April 9th, 2019** to:

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Sioux Falls, SD 57107  
[Paul.Nikolas@state.sd.us](mailto:Paul.Nikolas@state.sd.us)

Public Meeting Information @  