Public Meeting
SD Highway 15
From SD28 to SD22
Deuel County

P-PH 0015(76)128  PCN 04HL

Paul Nikolas, PE
Road Design Engineer

April 6, 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
Background Information

- Grading in 1942
- Hidewood Creek Structure in 1994 (Project Exception)
- Resurfaced in 2010
- Sand Seal in 2013
Traffic

- 2018 Average Daily Traffic (ADT) = 1560
- 2043 Projected ADT = 1678
- 16.3% Average Truck Traffic
Crash History

5 Year Period from 2014 to 2018

- 36 Reported Crashes
  - 20 Animal Hit
  - 8 Fixed Object Off Road
  - 1 Angle-Intersection
  - 3 Rear End
  - 4 Other

- 0 Fatalities

Rural Principal Arterial

- Reported Crash Rate = 1.58
- Statewide Weighted Crash Rate = 1.69
  (crashes per million vehicle miles of travel)
Highway Deficiencies

- Poor Vertical Alignment
- Limited Passing Opportunities
- Narrow Shoulders – 1-2 feet
Proposed Improvements

- Increase Passing Opportunities
  - Existing No Passing = 7.05 miles
  - Proposed No Passing = 2.03 miles
- Improve Sight Distance
- Widen Roadway – 8 ft Shoulders
- Replace Culverts
- Interim Gravel Surfacing
- New Asphalt Surfacing - 2025
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 total
- Purchase additional ROW - 150 feet total
  - May reduce width near residences
- 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

Ottertail Power
Northwestern Energy
Western Area Power Administration
Magellan Midstream Partners
Northern Border Pipeline

HD Electric Coop
Interstate Telecom Coop
Brookings Dueul Water

See Handout
Utility Coordination

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

- Contact SDDOT

See Handout
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: Rufa Red Knot
  • Mammals: Northern Long-Eared Bat
  • Fish: Topeka Shiner
  • Invertabrates: Dakota Skipper and Powershiek Skipperling

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

- National Environmental Policy Act of 1969 (NEPA), as amended. Coordination has been initiated with State & Federal resource agencies.
Construction Traffic Control

- Road will be closed to through traffic during construction
- Local traffic and emergency vehicle access will be maintained at all times
Construction Traffic Control
Detour Route
Landowner Meetings

- Fall 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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<td>Late 2021 – Early 2022</td>
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Estimated Grading Cost: $15.1 million (Grading)

Final Surfacing is planned for 2025: $5.8 million
SD28 from Estelline to SD15

- Grading in 2025
- Asphalt Surfacing in 2026
Questions or Comments

Please Submit Questions or Comments by **April 20, 2020** to:

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

Public Meeting Information @
https://dot.sd.gov/projects-studies/projects/public-meetings