Public Meeting

SD Highway 46
From East of Beresford to the Iowa State Line

P-PH 0046(61)366  PCN 04JF

Cary Cleland
Road Design Supervisor
April 25, 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
Background Information

- Grading, structures & surfacing in 1955
- Big Sioux River Bridge replaced in 1991
- Last resurfaced in 2008
Highway Deficiencies

- Surfacing age
- Passing sight distance
- Structure life (2 bridges & 3 box culverts)
Traffic

- 2018 Average Daily Traffic (ADT) = 2077
- 2043 Projected ADT = 2960
- 22.2% Average Truck Traffic
Crash History

- 5 year period from 2014 to 2018
  - 39 Reported crashes
    - 21 Animal hit
    - 2 Rear end
    - 4 Angle intersection
    - 2 Angle no intersection
    - 3 Fixed object off road
    - 1 Sideswipe overtake
    - 1 Sideswipe opposite direction
    - 1 Head on
    - 1 Overturn off road
    - 3 Other
  - 9 Injury crashes
  - Reported crash rate = 0.95
- Rural Minor Arterial
  - Statewide weighted crash rate = 1.74
    crashes per million vehicle miles of travel
Proposed Improvements

- Construct 2 lanes with 8’ shoulders
- Add left turn lane at 475th Ave. (Union County Hwy 25)
- Realign intersection of 297th St. & 486th Ave.
  - Left turn lane at center of curve
  - Existing connections removed
- Replace pipe culverts, box culverts, & bridges
  - Excluding Big Sioux River bridge
- Exception for intersection of SD Hwy 11
  - This work was completed in 2017
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 - 150 feet
- Purchase additional as needed for culverts, erosion protection, & fill slopes
- 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

Alliance Communications  Magellan Pipeline
City of Beresford  Verizon Communications
Clay-Union Rural Water  Northern Natural Gas
Vast Broadband  NuStar Energy
Premier Communications  South Lincoln Rural Water
Southeastern Electric  Sprint
MidAmerican Energy

See Handout
Any known private utilities?
- Waterlines
- Drainfields
- Septic tanks
- Underground storage tanks
- Underground power lines

Contact SDDOT
Environmental, Social & Economic Concerns

- 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.
A cultural resources survey will be conducted.

The project is being reviewed to determine:

- Wetland impacts
- Section 4(f) – Parks & Refuges
- Section 106 – Historic Properties & Tribal
- Endangered & Threatened Species – None expected

See Handout
Construction Traffic Control

- Local traffic and emergency vehicle access will be maintained
- Through traffic will be detoured to alternate routes
- SD46 will likely be closed to through traffic during construction
Possible Detour Routes During Construction
Landowner Meetings

- **Fall of 2019**
  - Affected property owners will be contacted by SDDOT to schedule an 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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<tr>
<td><strong>Landowner Meetings</strong></td>
<td>Fall 2019</td>
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<tr>
<td><strong>Final Design</strong></td>
<td>2019-2020</td>
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<tr>
<td><strong>ROW Acquisition Process</strong></td>
<td>2020-2021</td>
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<td><strong>Construction</strong></td>
<td>2022-2024</td>
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<tr>
<td><strong>Estimated Cost:</strong></td>
<td><strong>$32.3 million</strong></td>
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<td>(Includes Final Surfacing)</td>
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Public Meeting Survey

- How did we do?
- Please fill out survey and turn back into one of our DOT staff tonight
- Survey can also be completed online at the site shown on the survey

Survey Monkey @
https://www.surveymonkey.com/r/SDDOT-Public-Meeting-Survey
Questions or Comments

Please submit questions or comments by May 9th, 2019 to:

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Sioux Falls, SD 57107
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Public Meeting Information @
http://sddot.com/dot/publicmeetings/default.aspx