Public Meeting

SD Highway 38
From E of the SD38P Jct to 8.3 E of the Alexandria Jct in Hanson County

P-PH 0038(48)304  PCN 05FA

Neil Schochenmaier, PE
Design Project Manager

November 16, 2021
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

Begin Project
Begin Pipework

Modify Intersection

End Pipework
Begin Grading

James River
413th Ave
Riverside Rd

38

<-- to Fulton
419th Ave

421st Ave
to Alexandria

North
Project Limits

421st Ave to Alexandria

End Pipework
Begin Grading

426th Ave to Farmer

429th Ave

End Project
End Grading

to Spencer (McCook County)
Background Information

- Grading & Structures in 1933, 1937 & 1943
- Resurfaced in 2008 & 2010
Traffic – Begin (Riverside Rd) to 421st Ave (Alex Oil)

2020 Average Daily Traffic (ADT) = 1874

2045 Projected ADT = 2155

6.6% Average Truck Traffic
Traffic – 421st Ave (Alex Oil) to End (East County Line)

- 2020 Average Daily Traffic (ADT) = 886
- 2045 Projected ADT = 1019
- 9.7% Average Truck Traffic
Crash History

13 Reported Crashes
- 1 Fixed Object Off Road
- 1 Other
- 1 Rear-end
- 1 Overturn Off Road
- 9 Animal Hits

0 Fatality

5-Year Period from 2016 through 2020

Reported Crash Rate
1/1/2016 - 12/31/2020 = 1.57

Statewide Weighted Crash Rate = 1.46

Rural Principal Arterial
Why We’re Reconstructing

- Vertical Curves
- Narrow Shoulders
- Surfacing
- Structures
Proposed Improvements

- Reconstructing Road with 6-foot Shoulders
- Replace Structure over Pierre Creek
- Replace Fence and Culverts
- Interim Surfacing (final in 2026)
Proposed Typical Section

SD HIGHWAY 38
TYPICAL GRADING SECTION

New ROW 75'
Existing ROW 50'
Fill Section

6' 12' 12' 6'
Cut Section

Existing ROW 50'
New ROW 75'
Access Management

- Provide safe, efficient access to streets and highways
- By limiting the number of direct accesses to major roadways

See Handout
Right of Way (ROW)

- Existing Width = 100 feet
- Purchase additional ROW for 150 feet
- Temporary Easements as needed

See Handout
Encroachments

Private Property in Public ROW

Federal Highway Regulations for Safety

Examples

- Signs
- Private Use (Parking)
- Landscaping Items

Notification

Owners of Encroachments will be notified by the Mitchell Area Office

See Handout
Utility Coordination

Some Utilities may need to be relocated

Utility Companies negotiate easements with landowners

Central Electric
East River Electric
Hanson Rural Water Systems, Inc.
Midcontinent Communications
Mitchell Telecom
Xcel Energy
Lumen / CenturyLink
Northern Natural Gas
NuStar Energy
SDN Communications
Triotel Communications

See Handout
Utility Coordination

Any Known Private Utilities?

- Water Lines
- Drain Fields
- Septic Tanks
- Underground Storage Tanks
- Underground Power Lines

Contact SD DOT

See Handout
Environmental, Social and 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.
Environmental, Social and Economic Concerns

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.

Contaminated Materials
Project undertaking will take into account contaminated soils with relation to existing aboveground and underground storage tanks within or adjacent to project’s area of potential effect.

Wetlands
Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. If you are interested in creating or restoring wetlands on your property, please complete the Wetland Mitigation Registry Form in the handouts.

See Handout
Environmental, Social and Economic Concerns

Threatened & Endangered Species

According to the U.S. Fish & Wildlife Service, the following species are known to occur in Hanson County:

- Birds - Whooping Crane & Red Knot
- Mammals - Northern Long-eared Bat
- Fish - Topeka Shiner
- Plants - Western Prairie Fringed Orchid

See Handout
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 routes for SD Hwy 38 traffic during construction
Landowner Meetings

Early 2022
Landowners adjacent to the project will be contacted individually by SDDOT to schedule a meeting

Discussion Items
Driveway locations/widths
Fences
Drainage
Trees
Temporary Easements or ROW acquisition

See Handout
Final Surfacing is planned for 2019.

Tentative Project Schedule
Dependent on State/Roadway Safety Improvement Funding

- Early 2022: Landowner Meetings
- 2022: Final Design
- 2023-2024: ROW Acquisition
- 2025: Construction
Questions or Comments

by: November 30, 2021

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website:
https://dot.sd.gov/projects-studies/projects/public-meetings