

Public Meeting

SD34 - from 13 miles east of Fort Thompson to SD45

Buffalo County

P 0034(210)283 PCN 077E

Shoulder Widening

Cary Cleland

Road Design Engineering Supervisor

December 13, 2022



Purpose of the Meeting

**Involve the public
in the planning
and design process**

**Provide a Project
Overview**

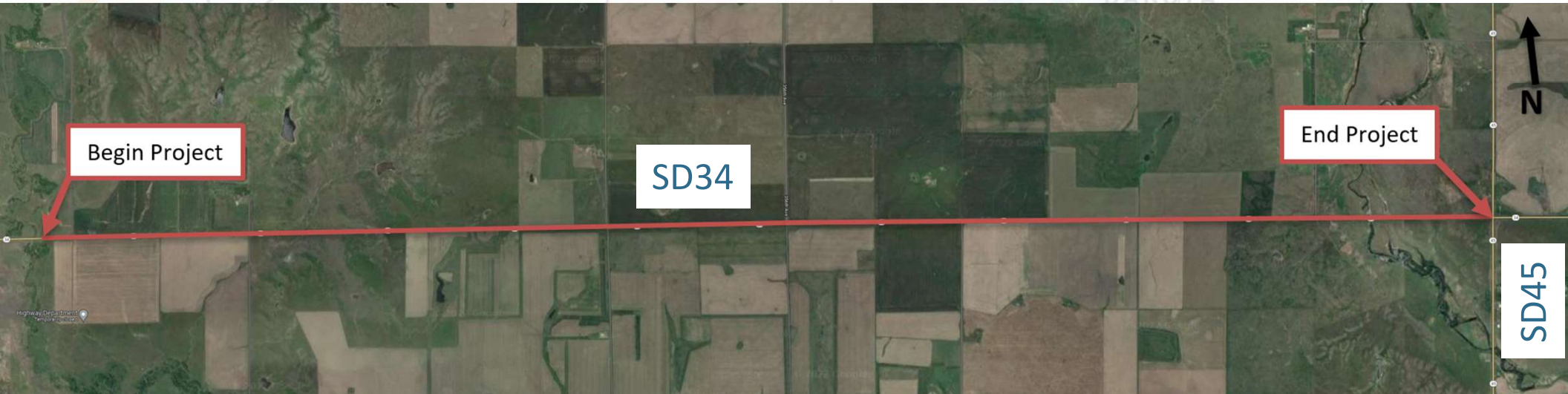
**Gather Input and
Comments**

- **Background Information**
- **Proposed Project**
- **Project Schedule**

Project Limits

← Fort Thompson 13mi

North



Kimball 25mi



Background Information

Grading & Structures in 1949 & 1987

Resurfaced in 1995

Mill & AC Resurfacing 2017

Traffic

**Current Average Daily Traffic (ADT) =
478**

2042 Projected ADT = 733

28.5% Average Truck Traffic

Crash History

13 Reported Crashes

- 4 Animal Hit
- 10 Property Damage Only
- 8 Run Off Road
- 1 Side Swipe Opposite Direction

3 Injury

0 Fatalities

**5 Year Period
from 2017 to
2021**

- Reported Crash Rate = 2.69
- Statewide Weighted Crash Rate = 1.47 (crashes per million vehicle miles of travel)

**Rural Principal
Arterial**

Highway Deficiencies



Narrow Shoulders



Drainage

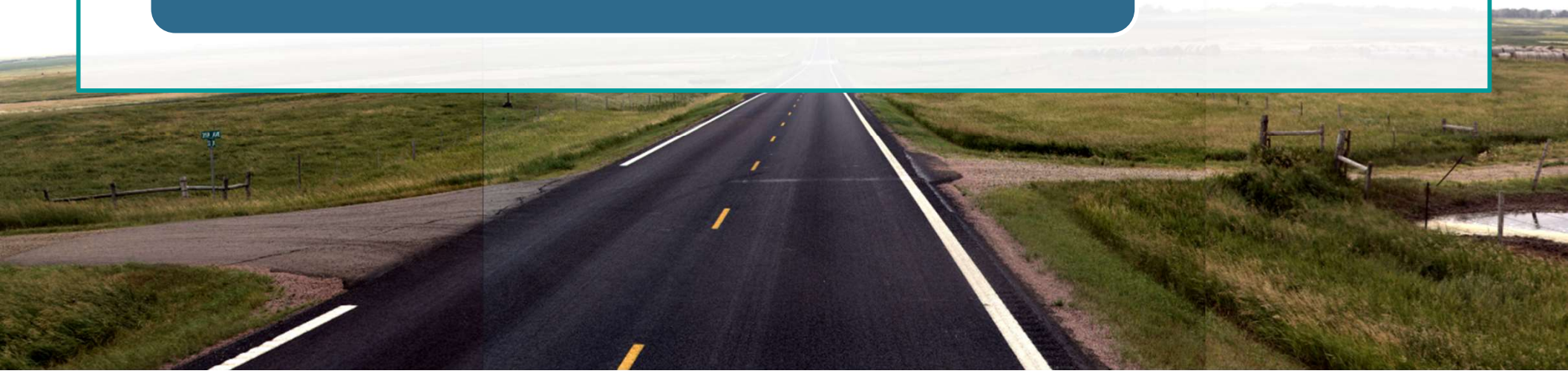


Proposed Improvements

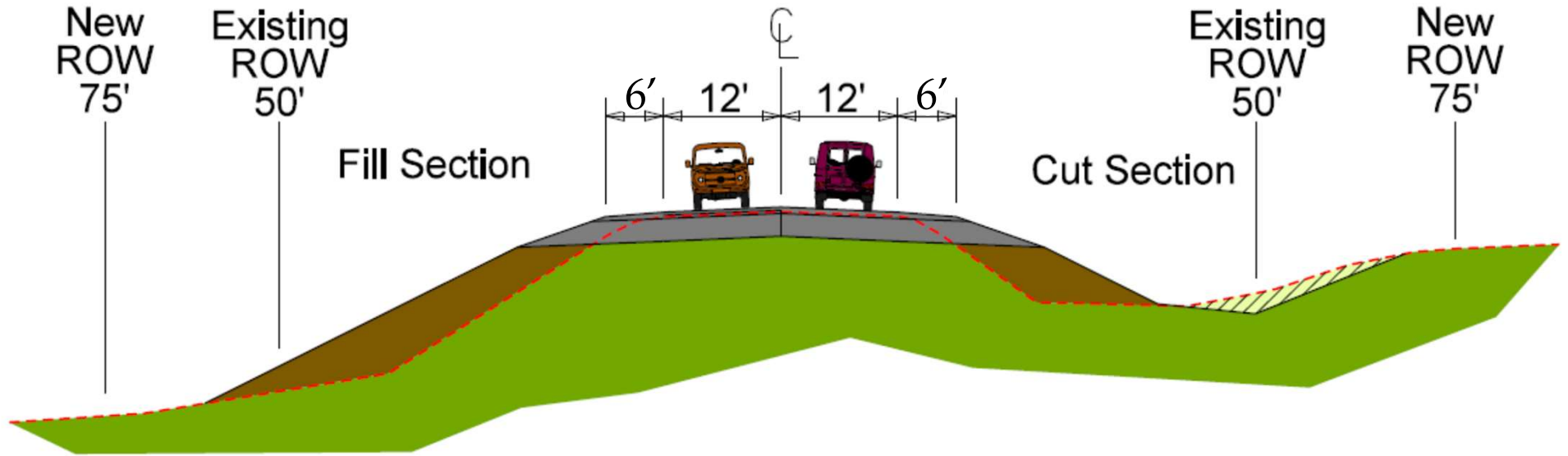
Widen Roadway – Add 6' Shoulders

Replace/Extend Pipe Culverts and Box culverts

Improve drainage ditches



Proposed Typical Section



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 Mitchel Area Office**

See Handout

Utility Coordination

Some Utilities
may need to be
relocated

Utility Companies
negotiate
easements with
landowners

Central Electric Cooperative
Mid-Dakota Rural Water System
Midstate Communications
WAPA

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.

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

See Handout

Environmental, Social and Economic Concerns

A cultural resources survey will be completed, which will include: districts, sites, structures, and objects. This will also include tribes that may attach religious or cultural importance to them. Section 106 consultation has been initiated with the Crow Creek Sioux Tribe.

Project is being reviewed to determine avoidance, minimization, and possible mitigation of impacts to wetlands. If you are interested in creating or restoring wetlands on your property, please complete the Wetland Mitigation Registry Form in the handouts.

See Handouts



Environmental, Social and Economic Concerns

Endangered and Threatened Species:

- Birds: Whooping Crane, Red Knot, Piping Plover
- Mammals: Northern Long-Eared Bat

See Handout

Construction Traffic Control

- Traffic will be limited on SD 34
- Single lane with flaggers will be necessary.
- Access will be maintained to adjacent properties.
- Pipe replacements will be conducted half at a time.

Landowner Meetings

Spring 2023

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

Tentative Project Schedule

Dependent on Federal Funding

Spring 2023
Landowner
Meetings

2023
Final Design

2024
ROW
Acquisition

2026
Construction

Estimated Cost: \$5.6 million

Projects in the Area

079V

SD34

077E

SD45

080Q

080QW

088M

088M: Asphalt Surface Treatment 2022

08QW: Rout and Seal 2023

08QV: Rout and Seal 2023

079V: Mill, AC Resurfacing 2026 - SD34 From SD 50 to Start of 077E

077E: Shoulder Widening 2026

<https://sdgis.sd.gov/portal/apps/w ebappviewer/index.html?id=11fa4 78fd17e4b178a63bede722f5723>

Questions or Comments

by: **December 27, 2022**

submit to:

Office of Road Design

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https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_1837

