

Public Meeting

**S.D. Highway 1804
From U.S. Highway 12 South 4.3 Miles
Walworth County**

P 1804(51)347 PCN 077X

**Cary Cleland
Road Design Engineering Supervisor**

October 26, 2023



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



Background Information

Grading & Structures in 1961 & 1977

Resurfaced in 2012

Chip Seal in 2018

Traffic

**2022 Average Daily Traffic (ADT) =
234**

2042 Projected ADT = 369

5.3% Average Truck Traffic

Crash History

6 Reported Crashes

- 2 Animal/Vehicle
- 2 Fixed Object Off-Road
- 2 Overturn Off-Road

0 Fatalities

1 Injury

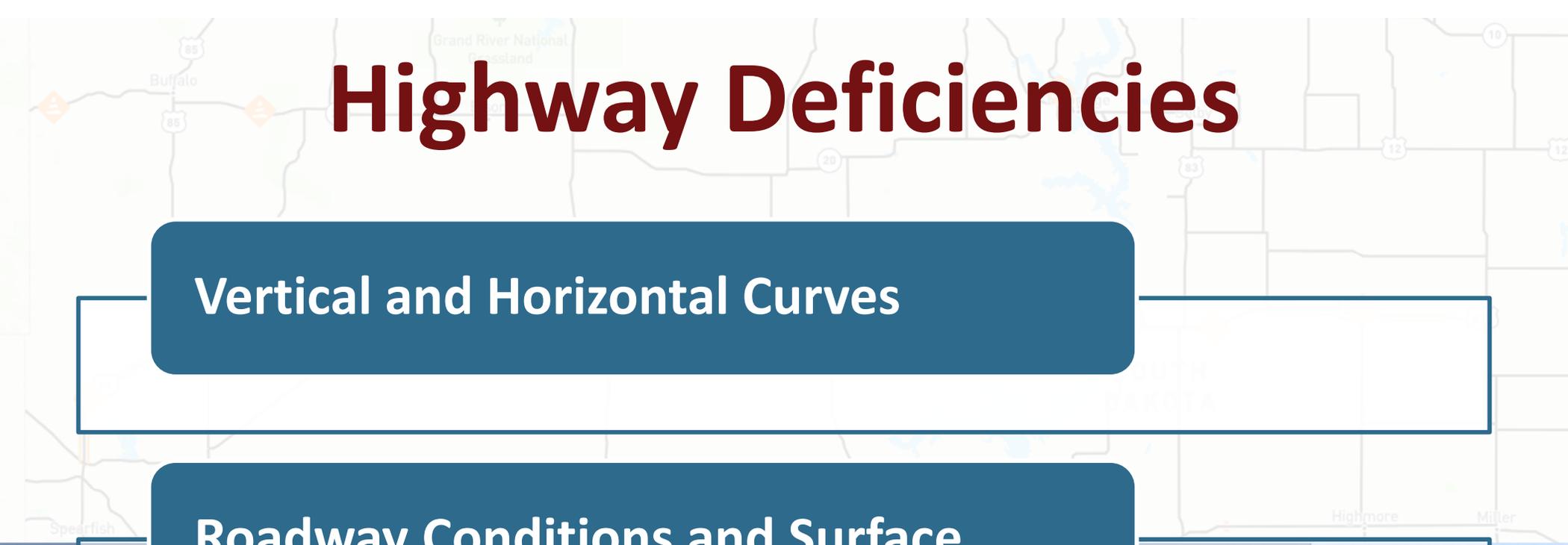
5 Property Damage

**5 Year Period
from 2018 to
2022**

- Reported Crash Rate = 4.29
- Statewide Weighted Crash Rate = 2.51 (crashes per million vehicle miles of travel)

**Rural Principal
Arterial**

Highway Deficiencies



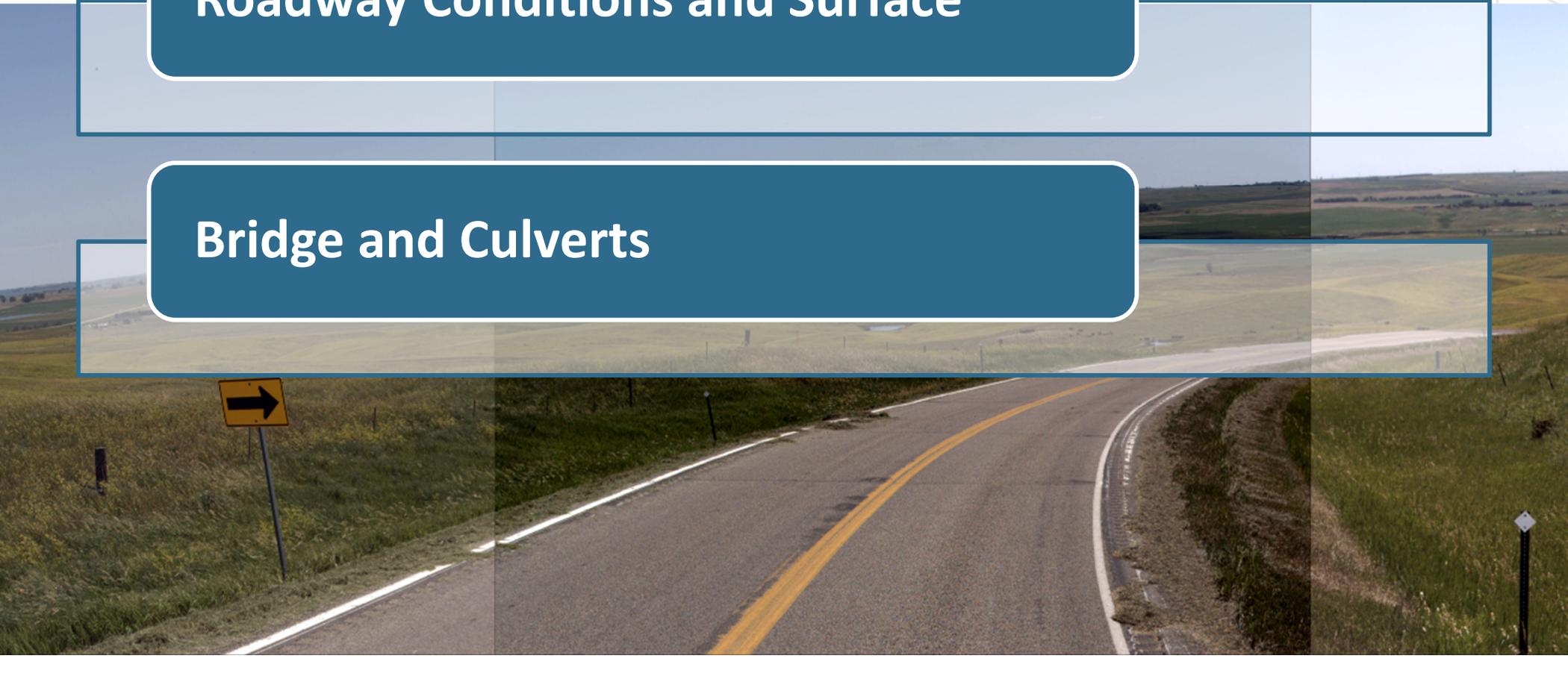
Vertical and Horizontal Curves



Roadway Conditions and Surface



Bridge and Culverts

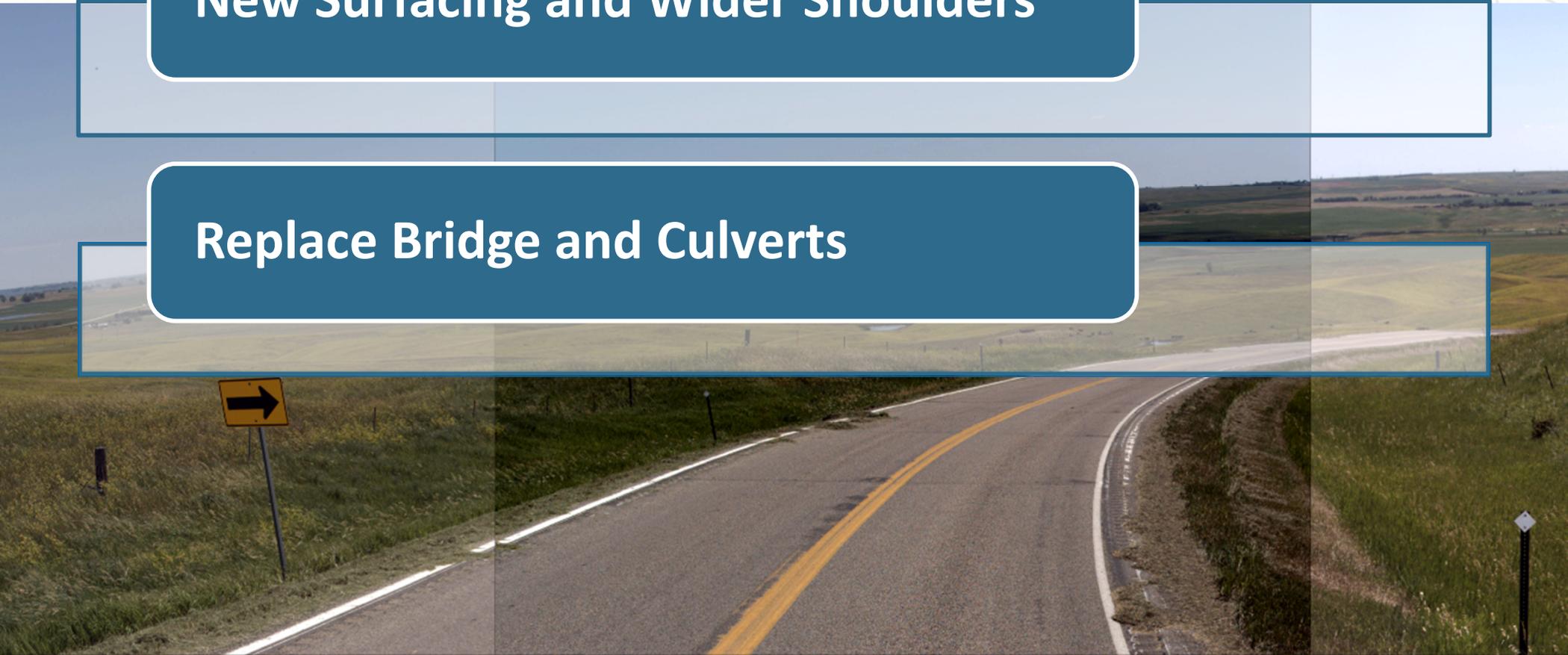


Proposed Improvements

Flatten Vertical and Horizontal Curves

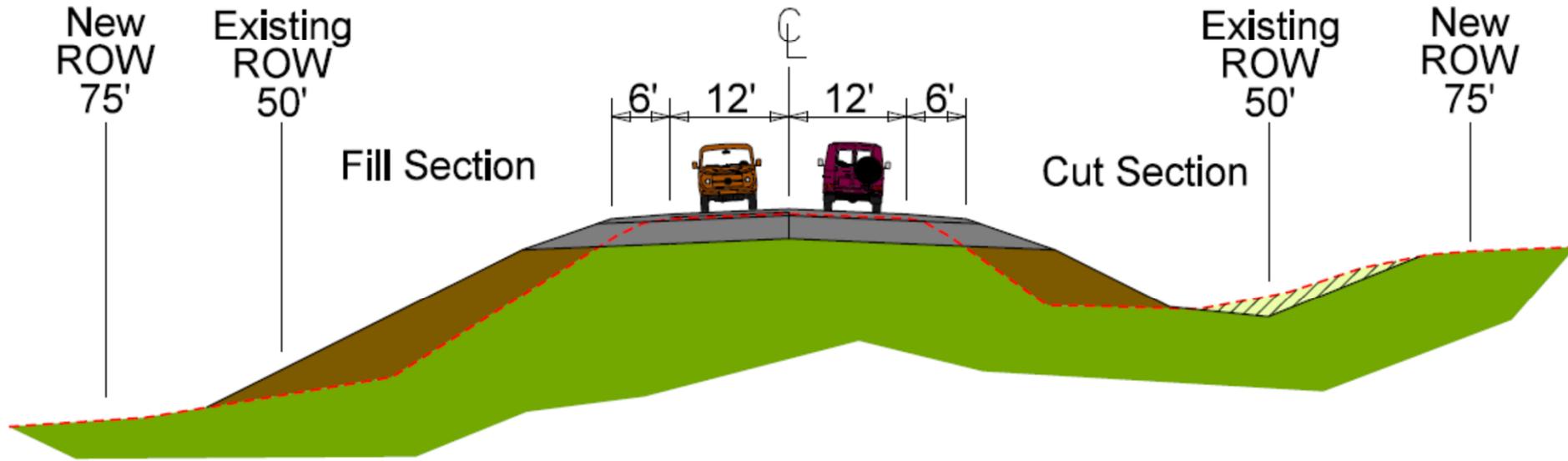
New Surfacing and Wider Shoulders

Replace Bridge and Culverts



Proposed Typical Section

TYPICAL GRADING 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 Mobridge Area
Office**

See Handout

Utility Coordination

Some utilities may
need to be
relocated

Utility companies
negotiate
easements with
landowners

Cam-Wal Electric

Midco

Web Water

MDU

SD Intrastate Pipeline

Valley Telephone

See Handout

Utility Coordination

Any known private utilities?

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

Contact SDDOT

See Handout

Environmental, Social and Economic Concerns

A cultural resources survey will be completed.

The project is being reviewed to determine extent of wetland impacts.

Endangered and Threatened Species:

- Birds: Whooping Crane, Red Knot, Piping Plover**
- Mammals: Northern Long-Eared Bat**
- Plants: Western Prairie Fringed Orchid**

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

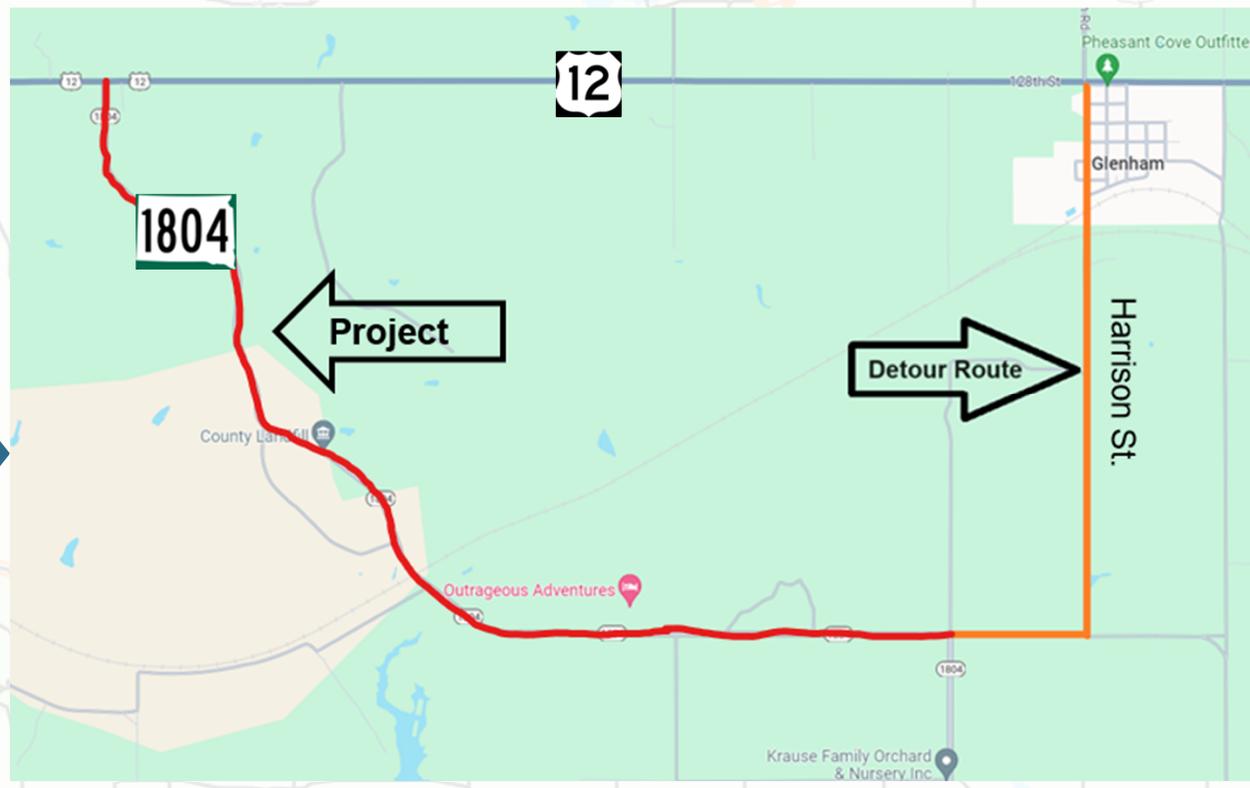
Construction Traffic Control

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 S.D. Highway 1804 traffic during construction



Landowner Meetings

Spring 2024

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 2024
Landowner
Meetings

2024-2025
Final Design

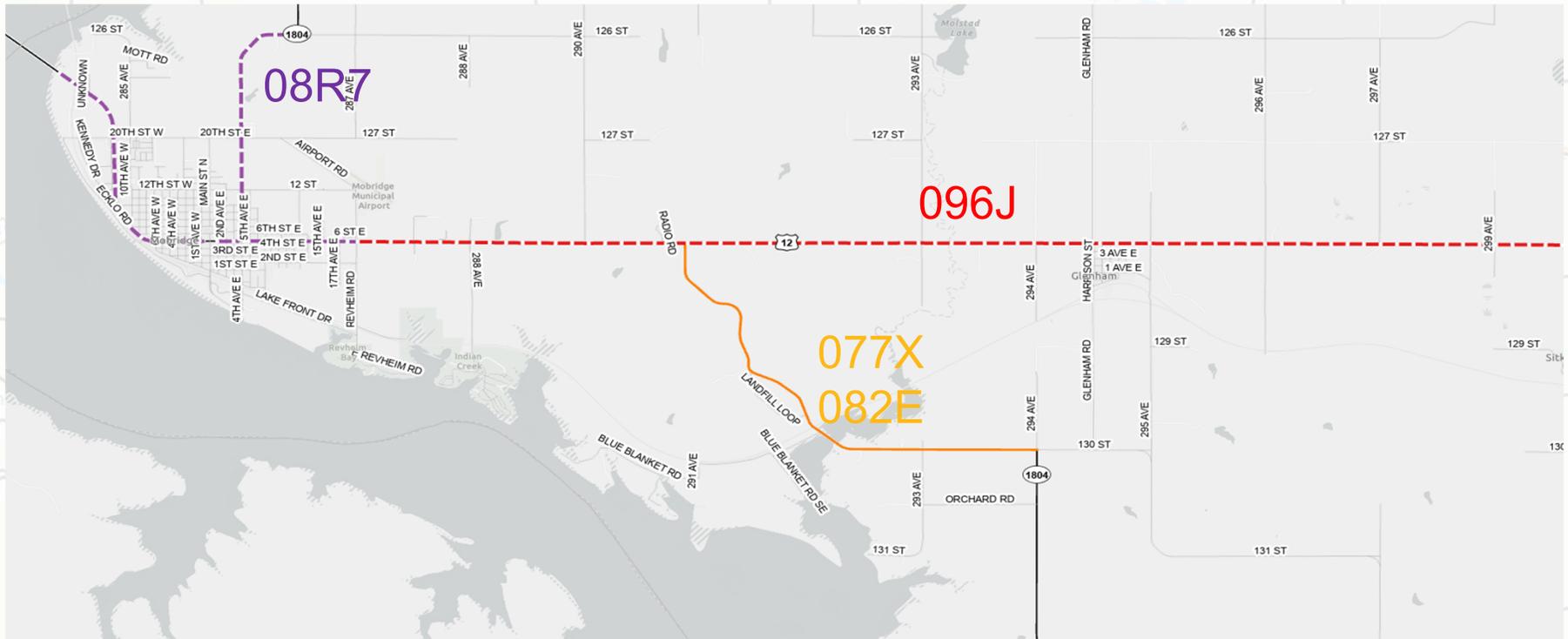
2025-2026
ROW
Acquisition

2027
Construction

Estimated Cost: \$7.8 million

Final Surfacing is planned for 2019

Projects in the Area



08R7 Asphalt Surface Treatment 2023

096J Rout and Seal 2024

077X Grading and Structure 2027

082E AC Surfacing 2028

<https://sdgis.sd.gov/portal/apps/webappviewer/index>.



Questions or Comments

by: **Friday, Nov. 3, 2023**

submit to:

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website:

https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_1934

