



**South Dakota Department  
of Transportation**

# **SD 27 Structure Replacement Public Meeting**

Project Location: S.D. Highway 27

Project Number: 08M4

Date: April 16, 2026

Presenter Name: Scott Middaugh

Presenter Job Title: Project Manager

# Mission Statement

**We provide a safe and efficient public transportation system.**

<https://dot.sd.gov/>

# Purpose of the Meeting

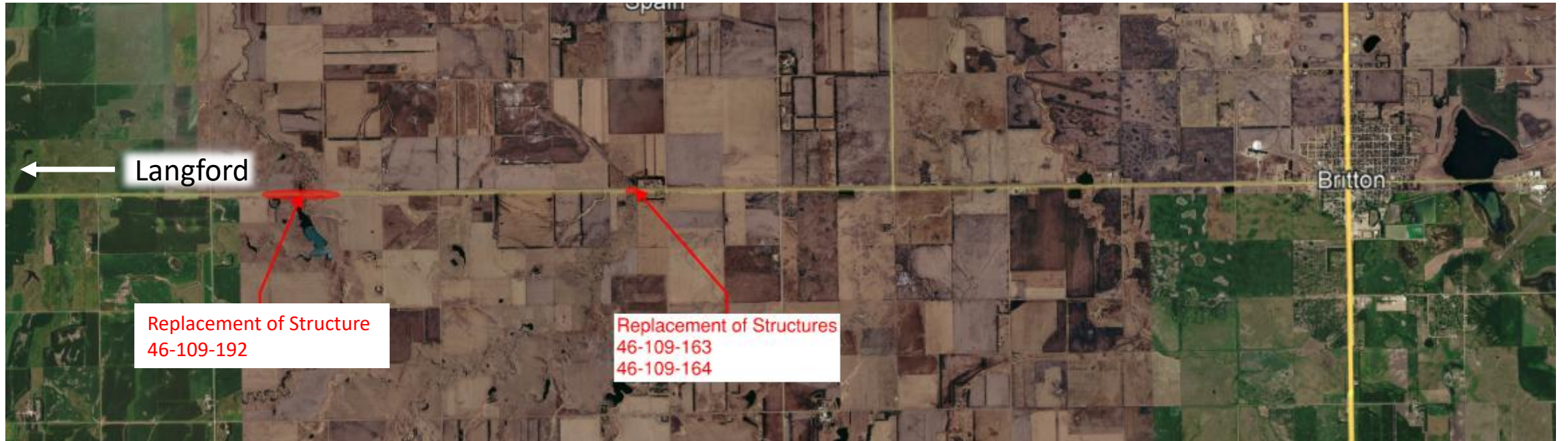
Involve the public in the planning and design process

Provide a project overview

Gather input and comments

- ✓ Background information
- ✓ Proposed project
- ✓ Project schedule

# Project Limits



North →

# Structure No. 46-109-192

Grading and structure in  
1981



Last Surface  
Improvements in 2020

# Structure Nos. 46-109-163/164

**Grading and structure  
46-109-163 in 1977**



**Structure 16-109-  
164 in 2007**

# Traffic Data and Information

**2024 Average daily traffic (ADT): 601**



**2044 Projected ADT: 707**



**11.9% Average truck traffic**

# Crash History

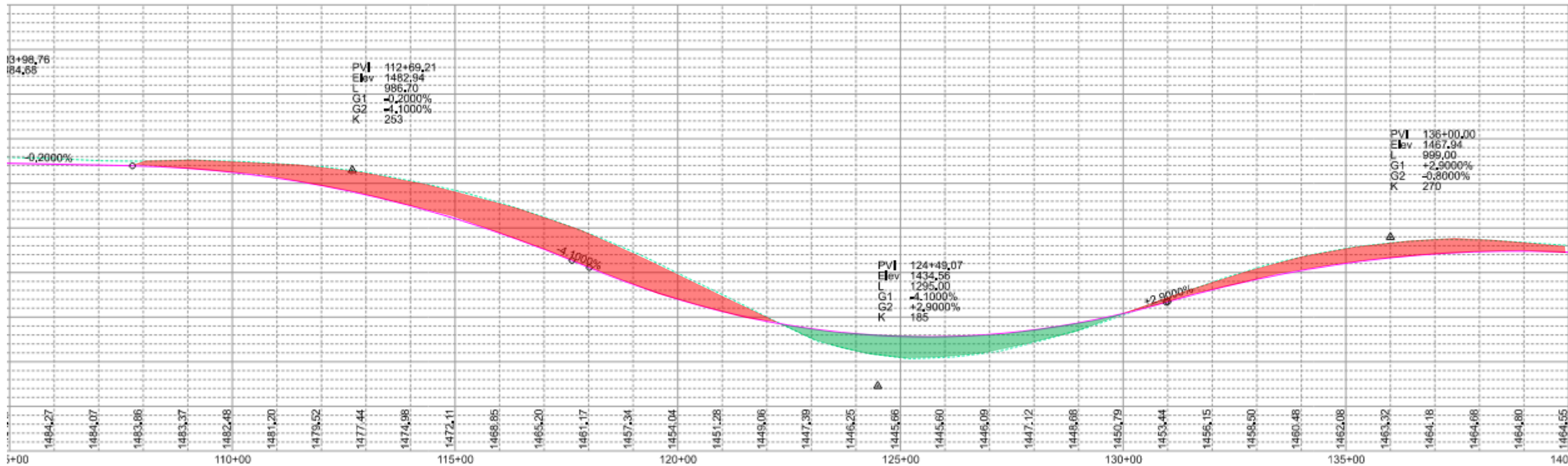
## 4 Reported crashes

(Five-year period from 2016-2024)

- Property Damage Only (animal hits)

# Why This Project is Needed

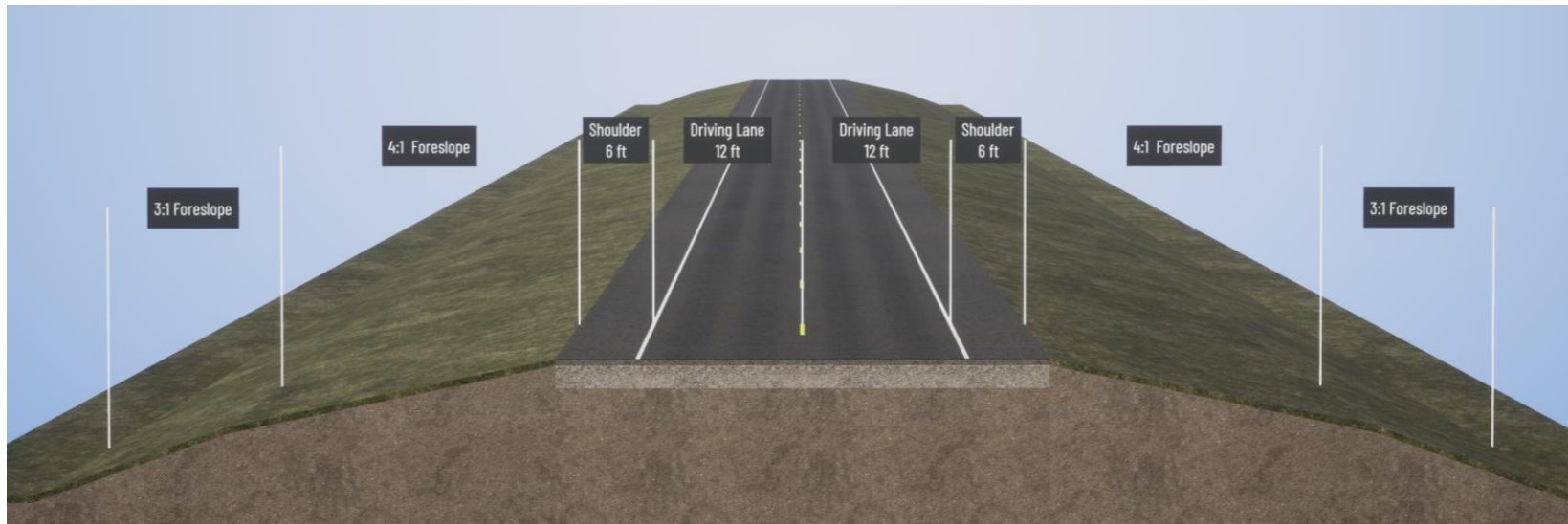
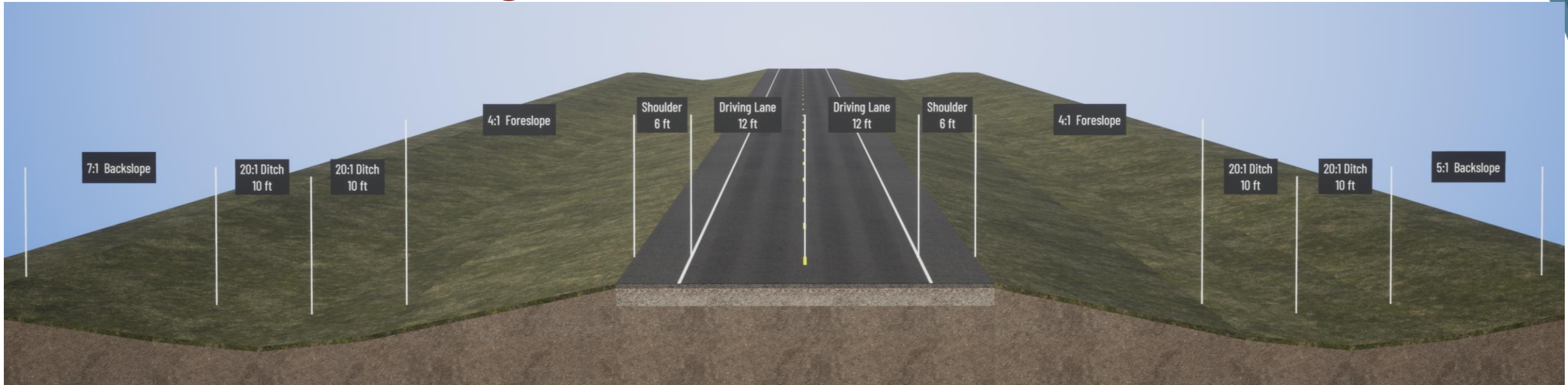
- Structure 46-109-192
  - Structure at end of useful life – Replace with 2-10'x9' Cast-in-Place Reinforced Concrete Box
  - Vertical curves don't meet design speed



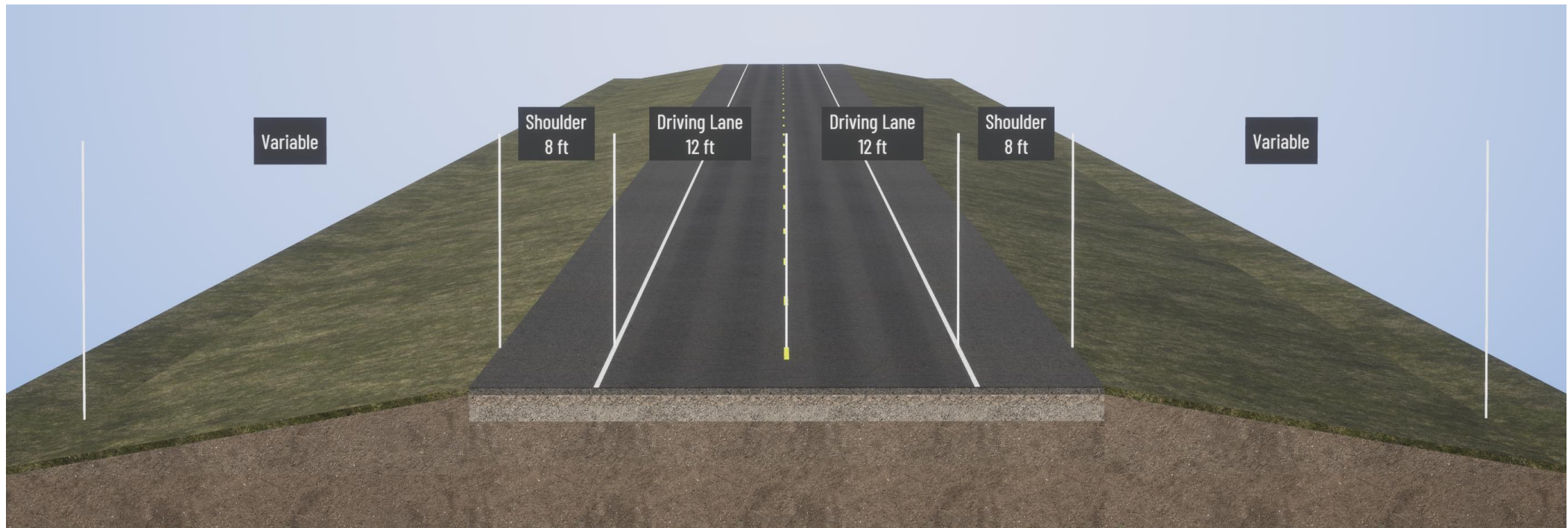
# Why This Project is Needed

- Structures 46-109-163/164
  - Channel degradation and inlet/outlet issues – Replace with 3-12'x12' Cast-in-Place Reinforced Concrete Box

# Proposed Typical Sections



# Proposed Typical Sections



# Access Management

**Manage location and number of access points.**

Provide safe, efficient access to streets and highways by relocating, combining, and eliminating access points.



✓ See handout

# Right of Way (ROW)

Existing Width varies 66-200 feet



```
graph TD; A[Existing Width varies 66-200 feet] --> B[Purchase additional ROW as needed]; B --> C[Temporary easements as needed];
```

Purchase additional ROW as needed

Temporary easements as needed

See handout

# Encroachments

## Private property in public ROW

Federal highway regulations for safety

## Examples

- Signs
- Private use (parking)
- Landscaping

## Notification

Owners of encroachments will be notified by the Aberdeen Area Office.

See handout

# Utility Coordination

Some utilities may need to be relocated.

Utility companies negotiate easements with landowners.

- Venture Communications
- BDM Rural Water Systems
- Lake Region Electric

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.**
- **Section 106 of the National Historic Preservation Act**

Section 106 of the National Historic Preservation Act requires Federal actions to take into account the effects of project undertakings on historic properties. The public is invited to provide information on any known historic properties (archaeological sites, historic buildings, historic bridges, etc.).

# Environmental, Social, and Economic Concerns (Slide 2)

- **Section 404 of the Clean Water Act**

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

- **Section 4(f) of the USDOT Transportation Act of 1966**

Project development will include all possible planning to avoid and minimize harm to publicly owned parks, recreational areas, wildlife & waterfowl refuges, or public & private historical sites. The public is invited to review and comment on the possible effects on the activities, features, and attributes to:

- Newport Weston Ditch
- Hickman Lake Recreation Area
- Traffic Diversion at Structure Nos. 46-109-163/164

# Environmental, Social, and Economic Concerns (Slide 3)

- **Section 7 of the Endangered Species Act**
  - The project will be coordinated with the U.S. Fish and Wildlife Service to determine effects to the following species that are known to occur in Marshall County:
    - Birds: Rufa Red Knot
    - Insects: Monarch Butterfly, Suckley's Cuckoo Bumble Bee, Western Regal Fritillary, Dakota Skipper
  - Efforts are proceeding to ensure this undertaking will not adversely affect listed species in Marshall County.
- **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.

# Construction Traffic Control

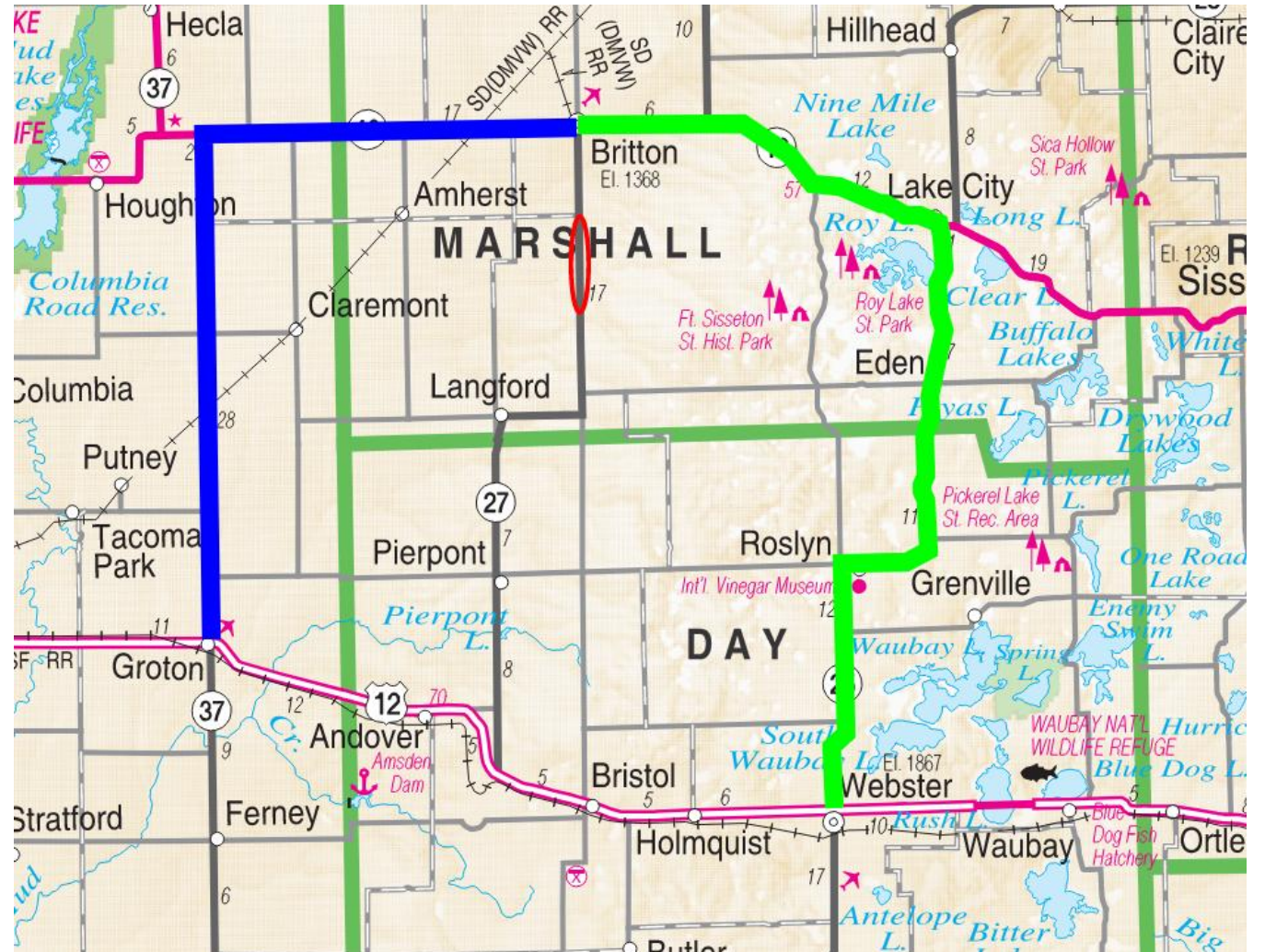
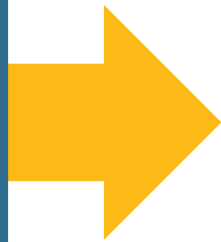
**One Construction Season**



**Local and Regional  
Detours**

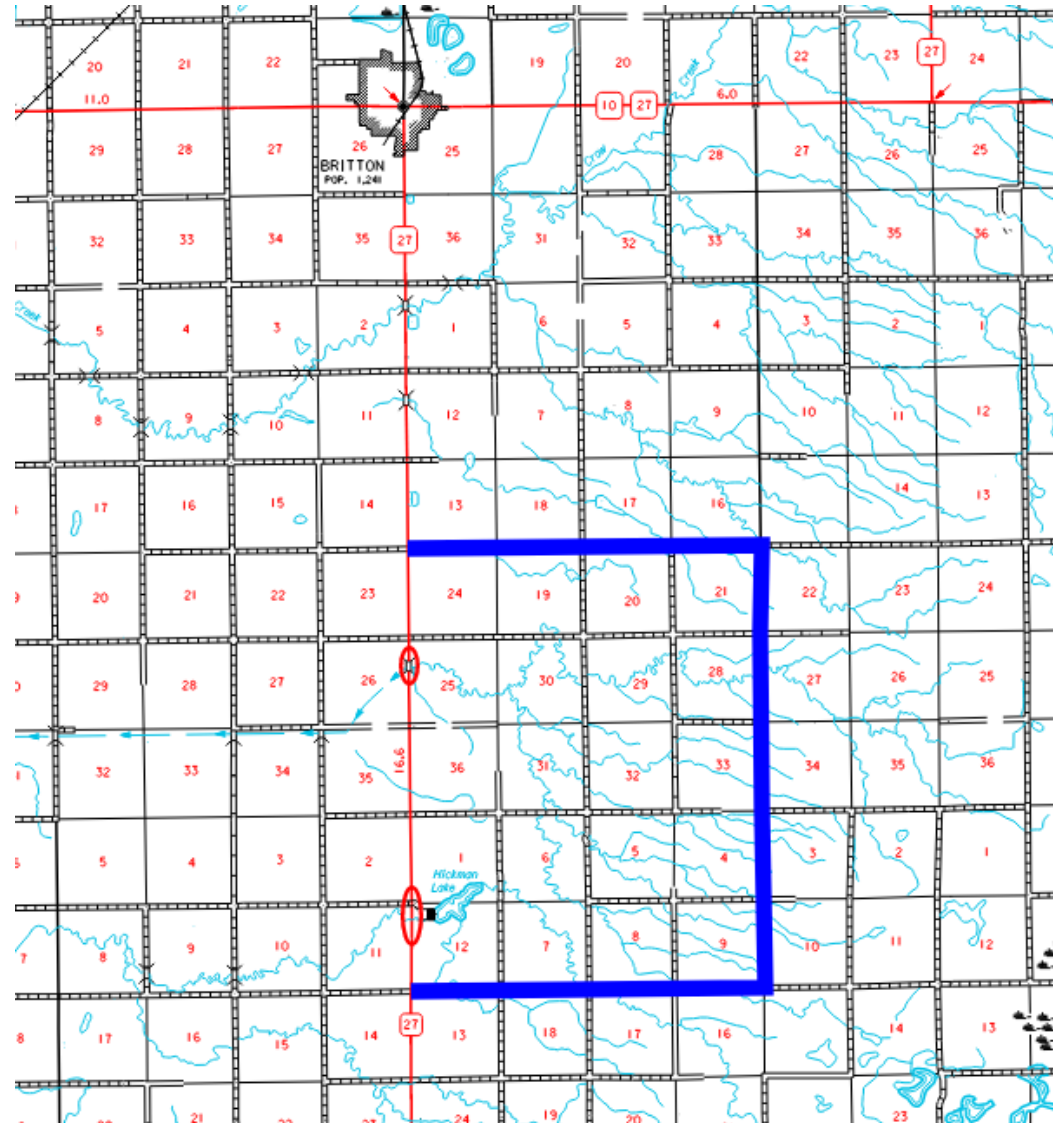
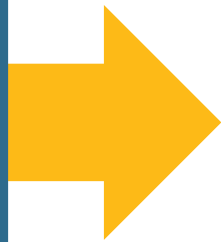
# Construction Traffic Control

Regional Detours  
During  
Construction



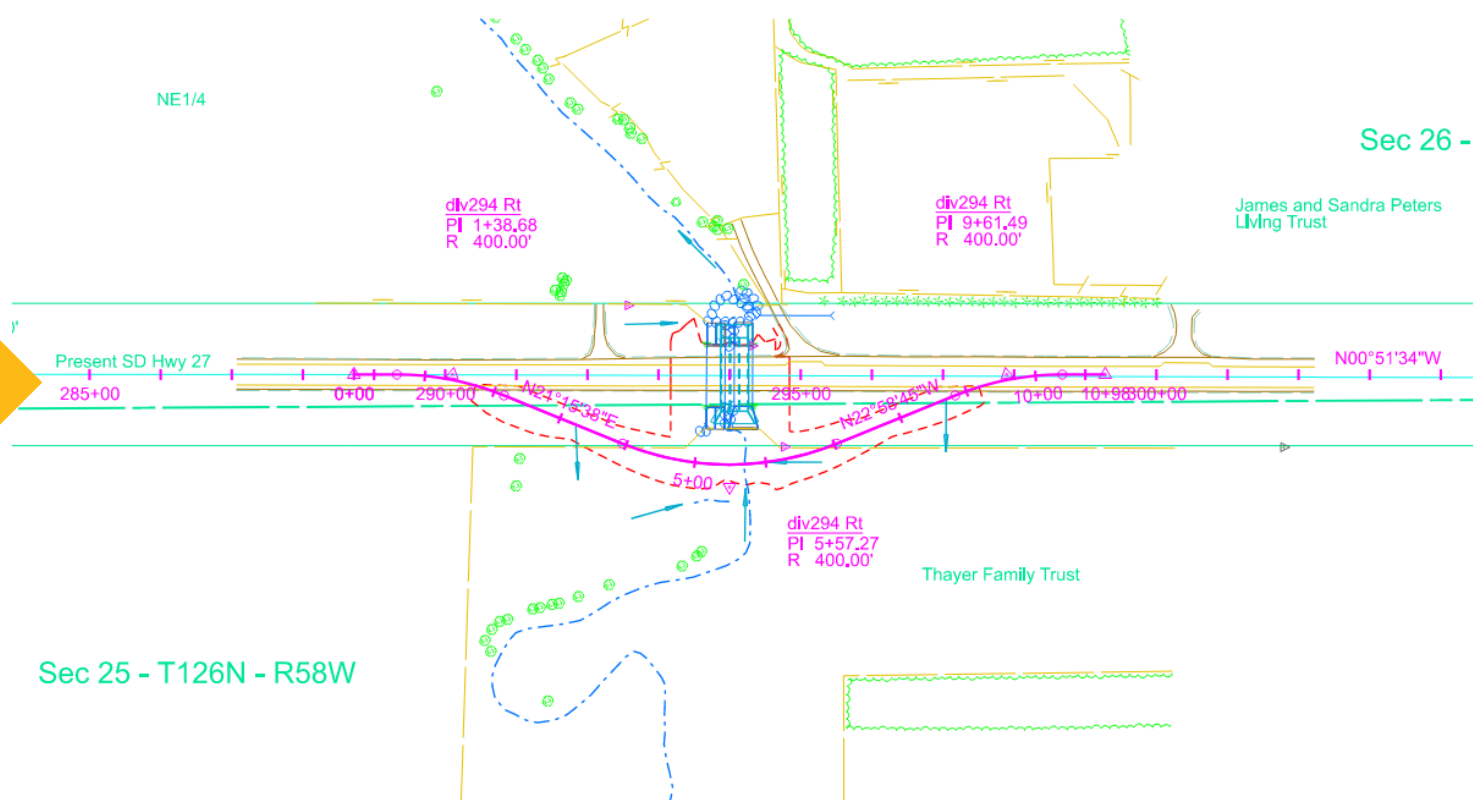
# Construction Traffic Control

Local Detour  
During  
Construction



# Construction Traffic Control

Traffic Diversion



# Landowner Meetings

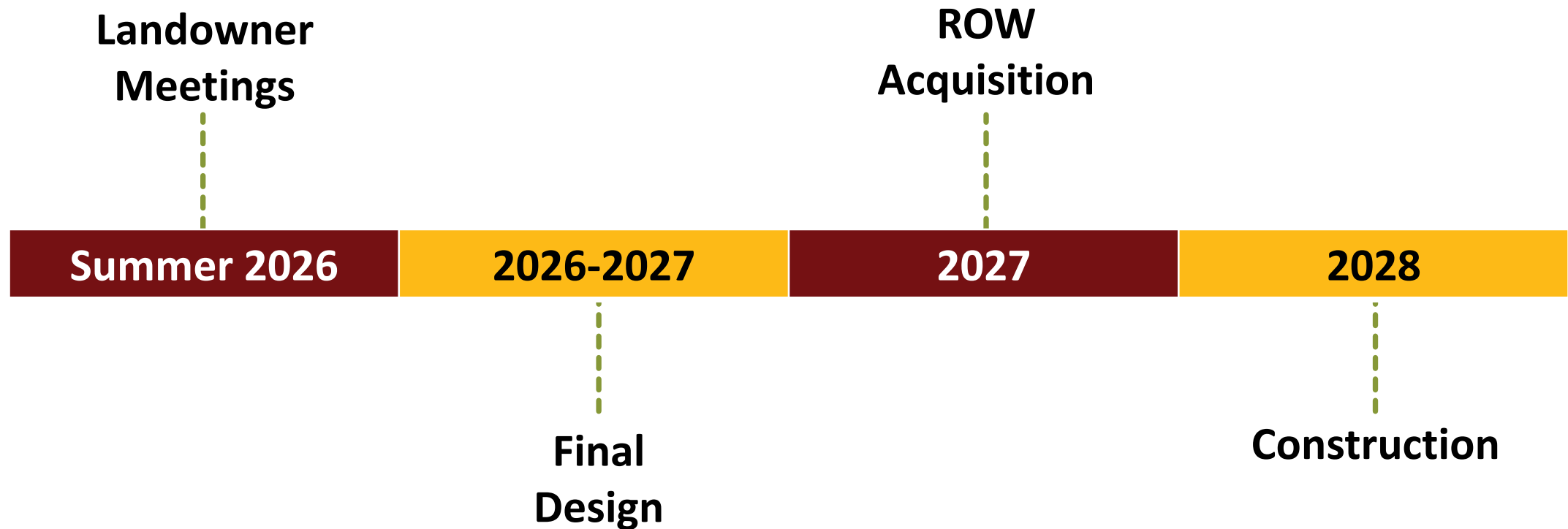
## Discussion Items

- Driveway locations/widths
- Fences
- Drainage
- Trees
- Temporary easements or ROW acquisition

# Tentative Project Schedule

Dependent on federal funding

Estimated cost: \$12 million



# Questions or Comments

- Deadline: Friday, May 1, 2026

- Submit To:

David Burwitz, PE

5316 West 60<sup>th</sup> St N

Sioux Falls, SD 57107-6464

David.Burwitz@state.sd.us

- Website

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

