

Public Meeting

P 0019(50)37 PCN 077L
S.D. Highway 19 in Viborg

Darin Johnson
Road Design Engineer

March 6, 2023



Purpose of the Meeting

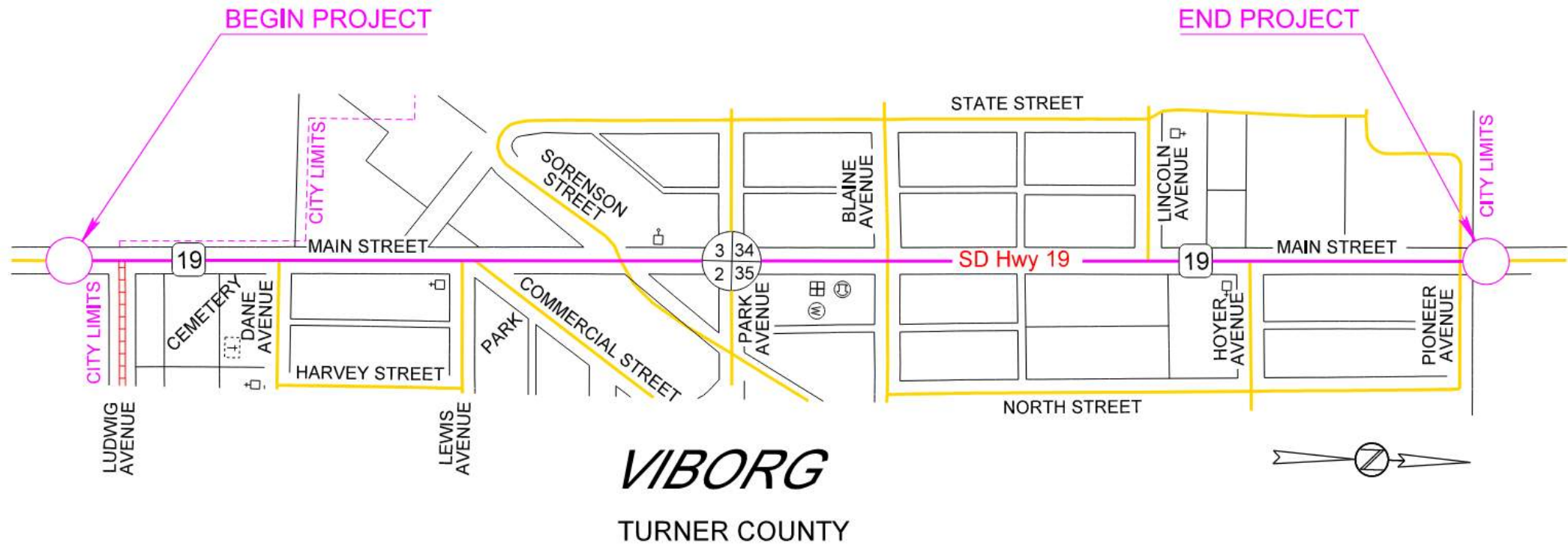
**Involve the public
in the planning
and design process**

**Provide a Project
Overview**

**Gather Input and
Comments**

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

Project Limits



Background Information

Grading in 1963

Last Surface Improvement – Asphalt Surface Treatment in 2022



Traffic

2021 Average Daily Traffic (ADT) = 1,306

2046 Projected ADT = 2,405

11.9% Average Truck Traffic



Crash History

2 Reported Crashes

- 1 Run Off Road Crash
- 1 Angle-Intersection Crash

1 Injury

1 Property Damage Only

**5 Year Period
from 2017 to
2021**

- Reported Crash Rate = 0.84

- Statewide Weighted Crash Rate = 1.73 (crashes per million vehicle miles of travel)

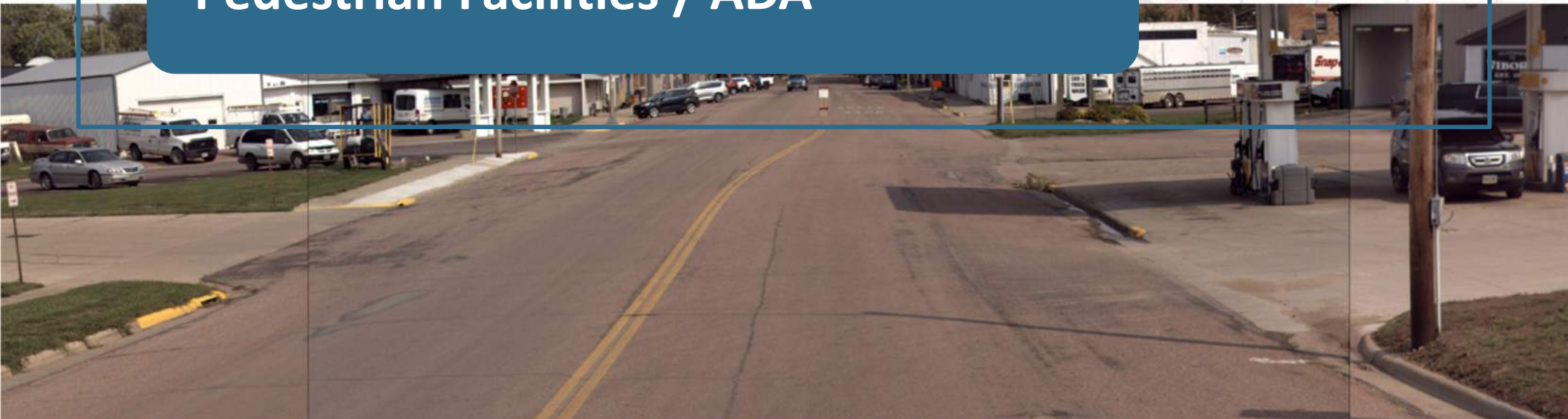
**Rural Minor
Arterial**

Why We Are Reconstructing

Drainage

Pavement Condition

Pedestrian Facilities / ADA



Proposed Improvements

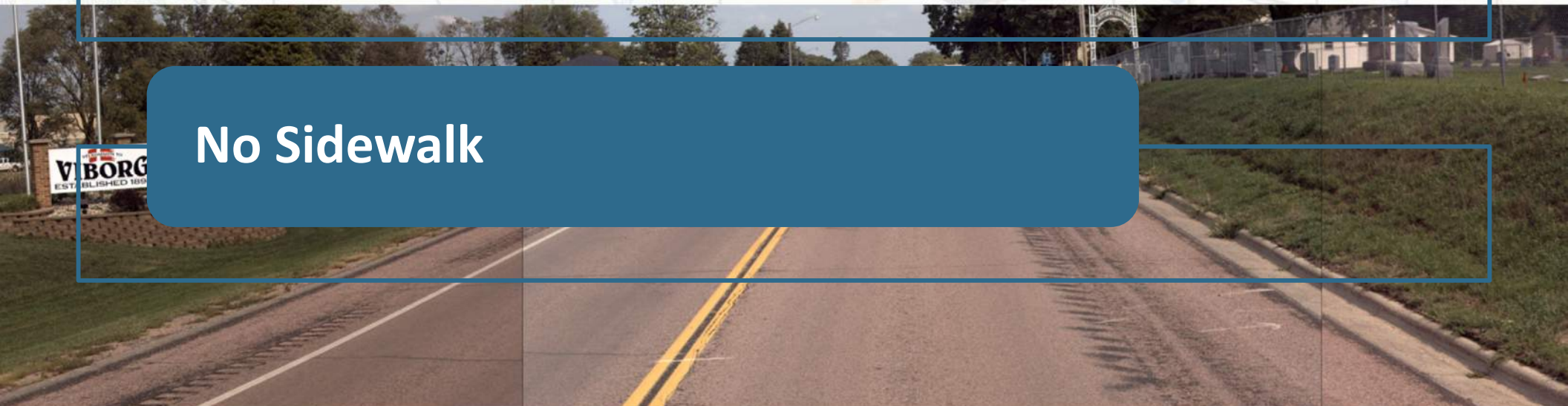
Residential Section

Ludwig Avenue to Dane Avenue

Two 12-foot wide driving lanes with
two 8-foot wide shoulders

Curb & Gutter on East Side Only

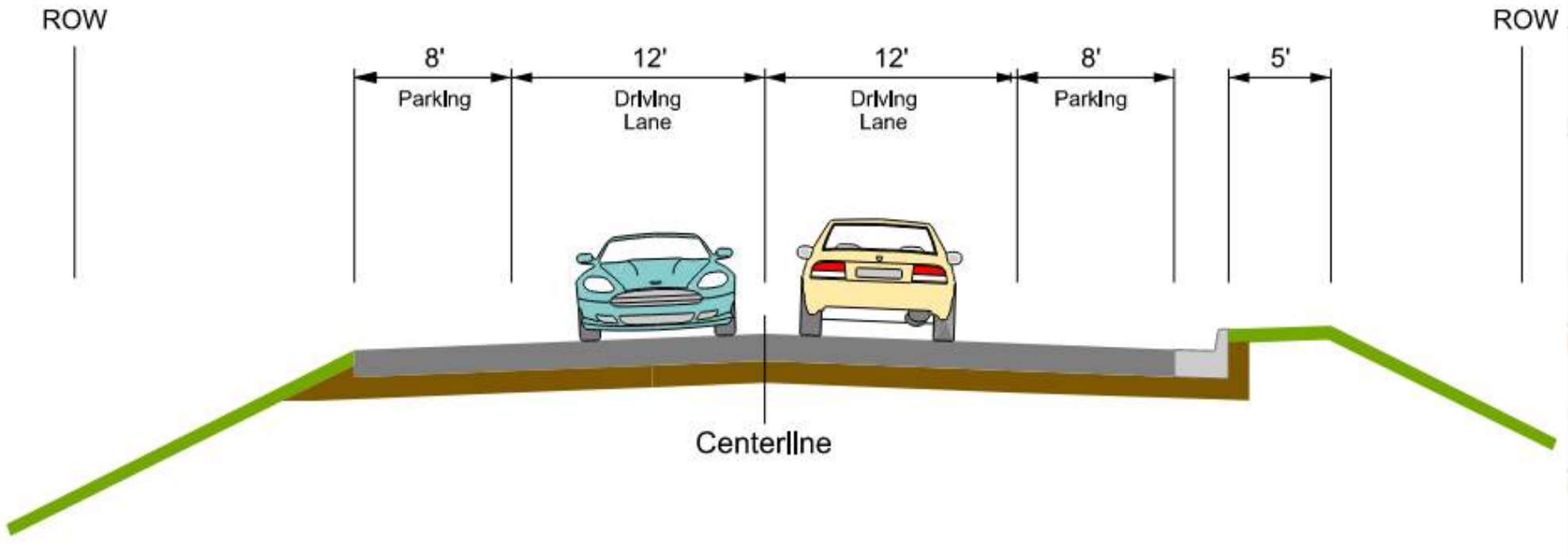
No Sidewalk



Proposed Typical Section

Residential Section

Ludwig Avenue to Dane Avenue



Proposed Improvements

Residential Sections

Dane Avenue to Sorenson Street
Blaine Avenue to Pioneer Avenue

Two 11-foot wide driving lanes

Two 9-foot wide shoulders / Parallel
Parking and Curb & Gutter

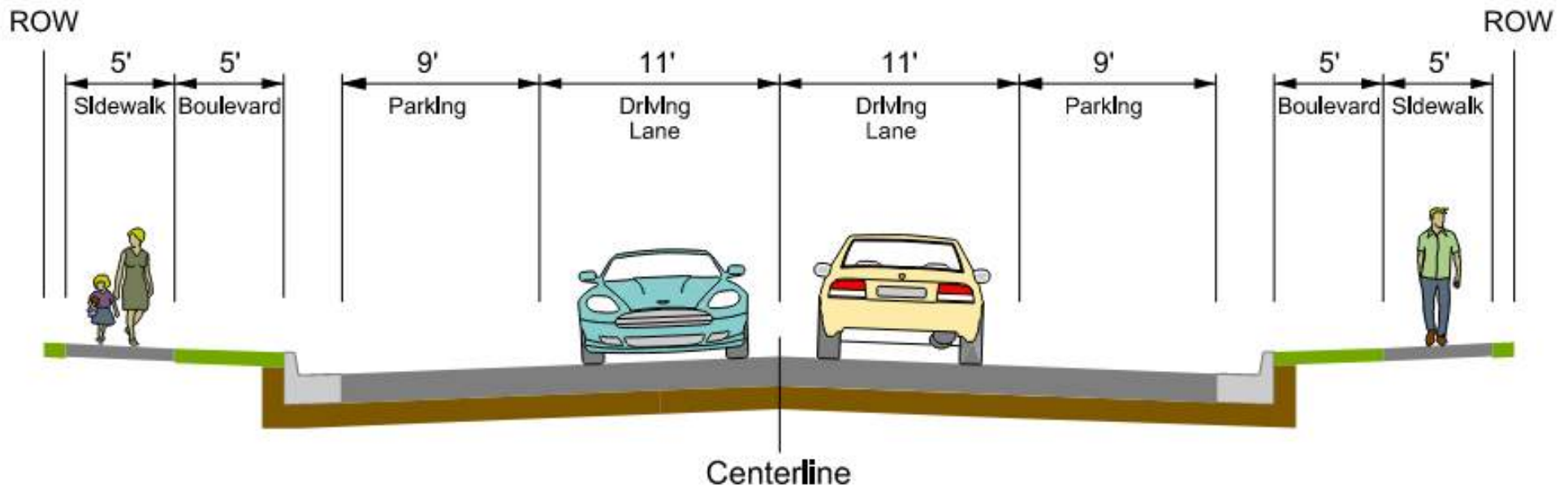
5' Sidewalk with Grass Boulevard



Proposed Typical Section

Residential Sections

Dane Avenue to Sorenson Street
Blaine Avenue to Pioneer Avenue



Proposed Improvements

Downtown Section

Sorenson Street to Blaine Avenue

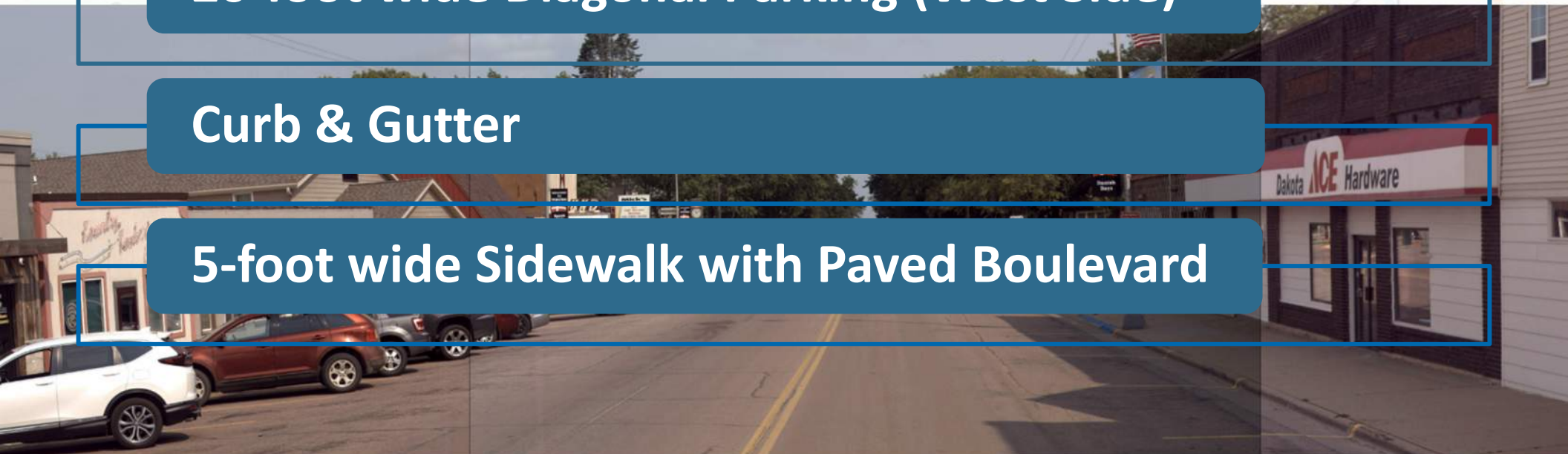
Two 11-foot wide driving lanes

10-foot wide Parallel Parking (East Side)

20-foot wide Diagonal Parking (West Side)

Curb & Gutter

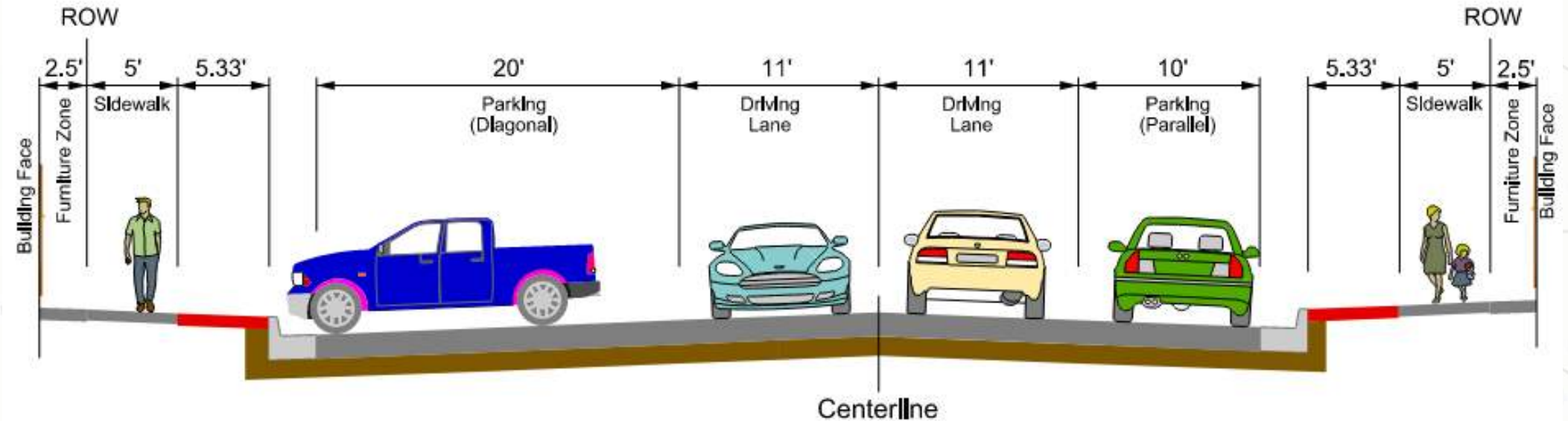
5-foot wide Sidewalk with Paved Boulevard



Proposed Typical Section

Downtown Section

Sorenson Street to Blaine Avenue



Proposed Improvements

Roadway Lighting

Storm Sewer

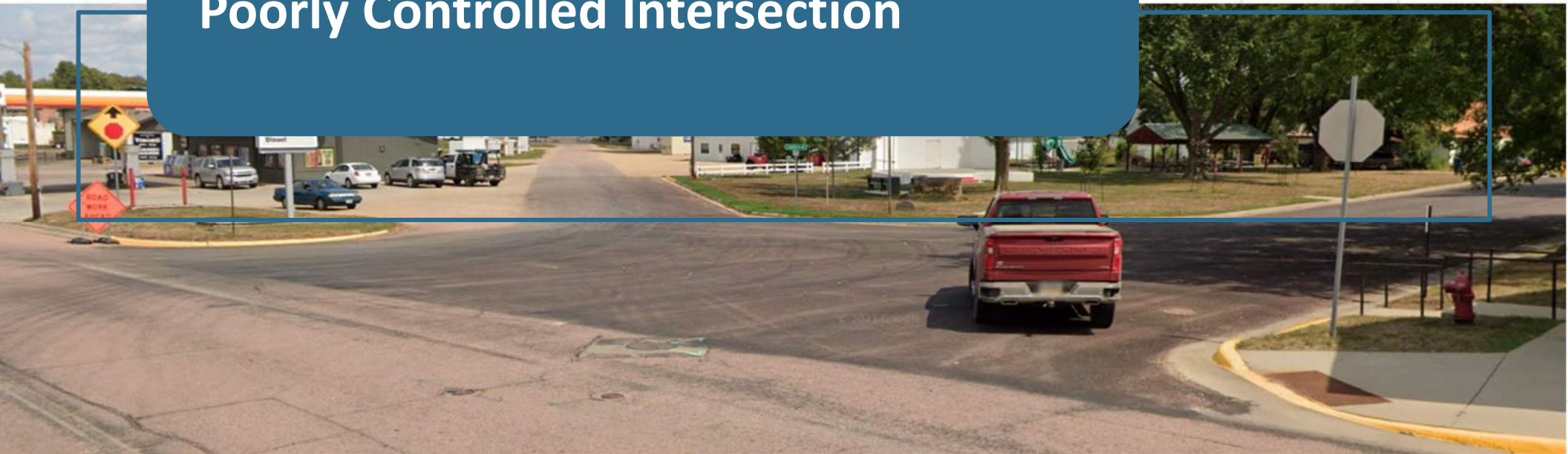
Asphalt Concrete Surfacing



Commercial Street / Lewis Avenue

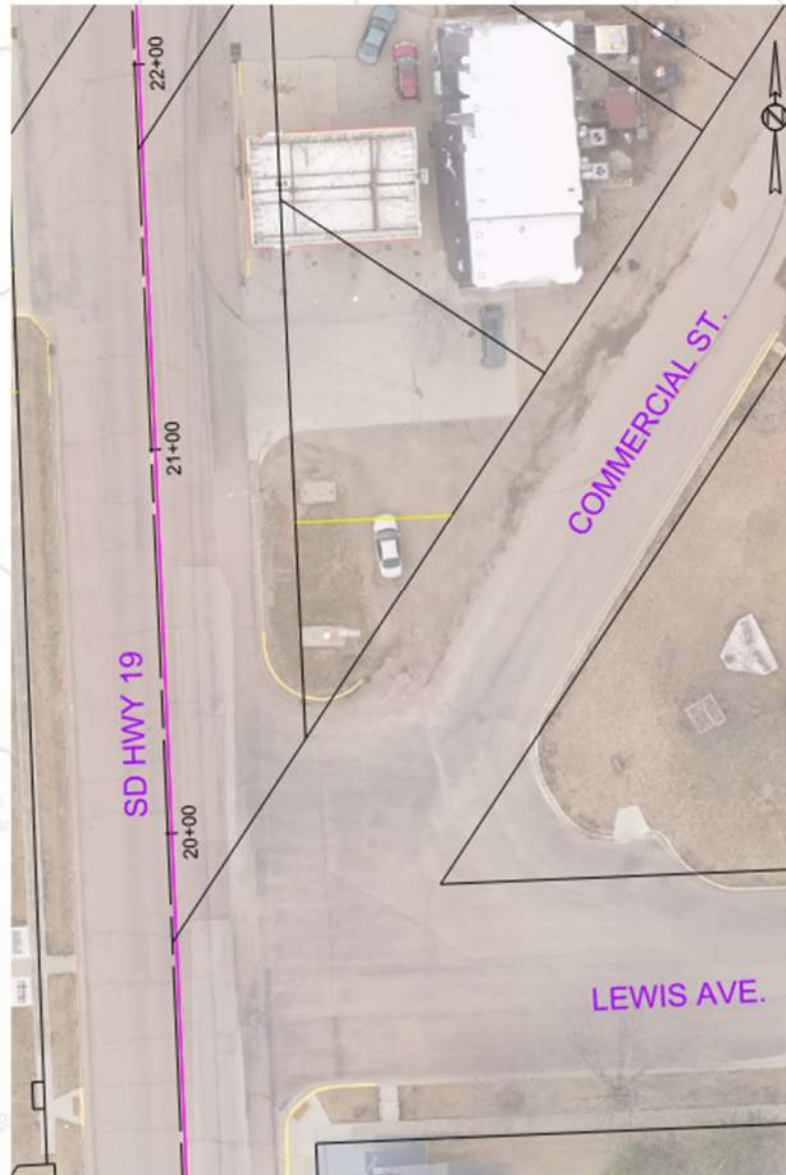
Excessively Wide Intersection (100')

Poorly Controlled Intersection



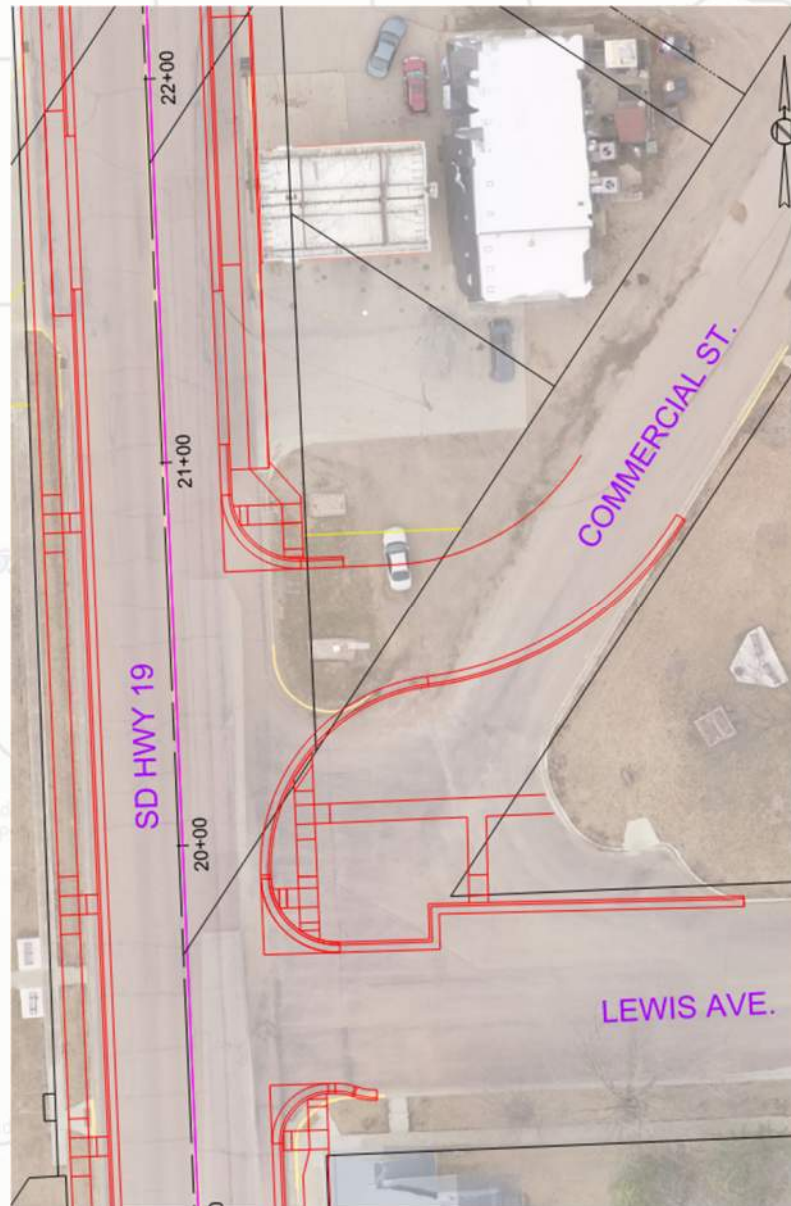
Commercial Street / Lewis Avenue

Existing



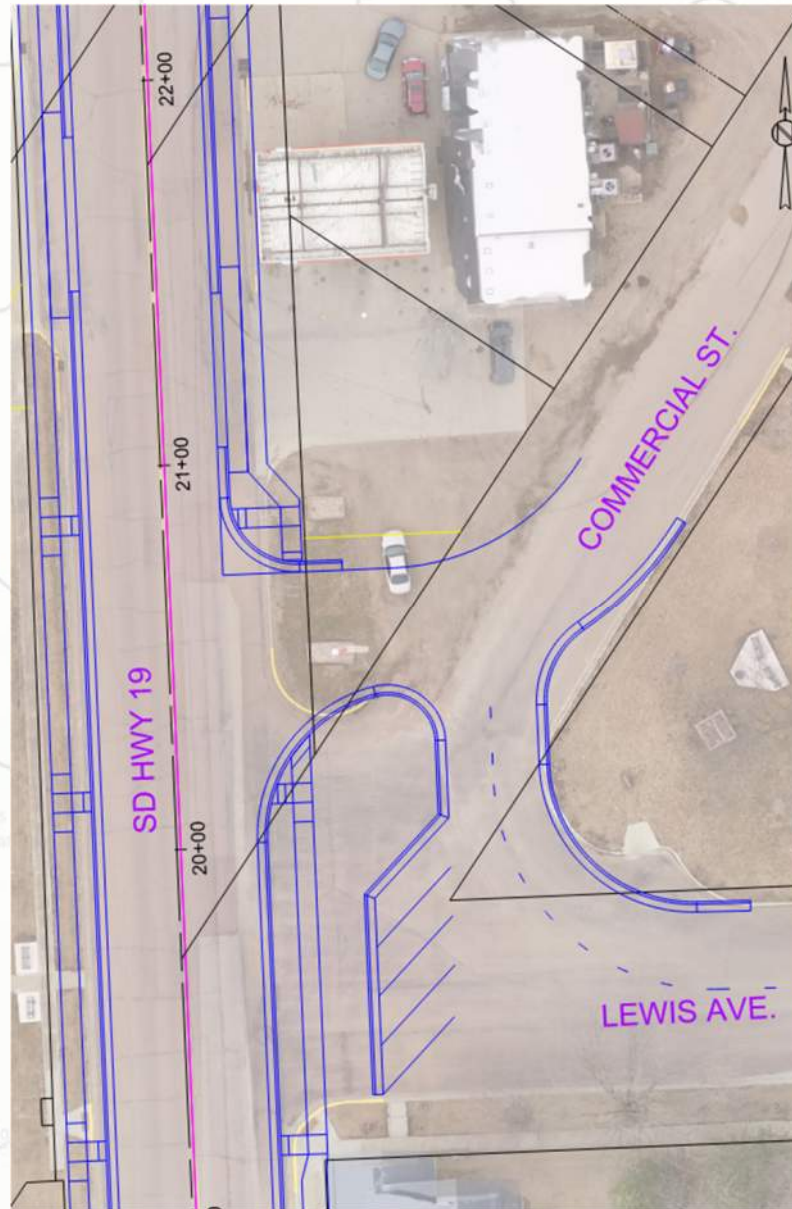
Commercial Street / Lewis Avenue

Option 1

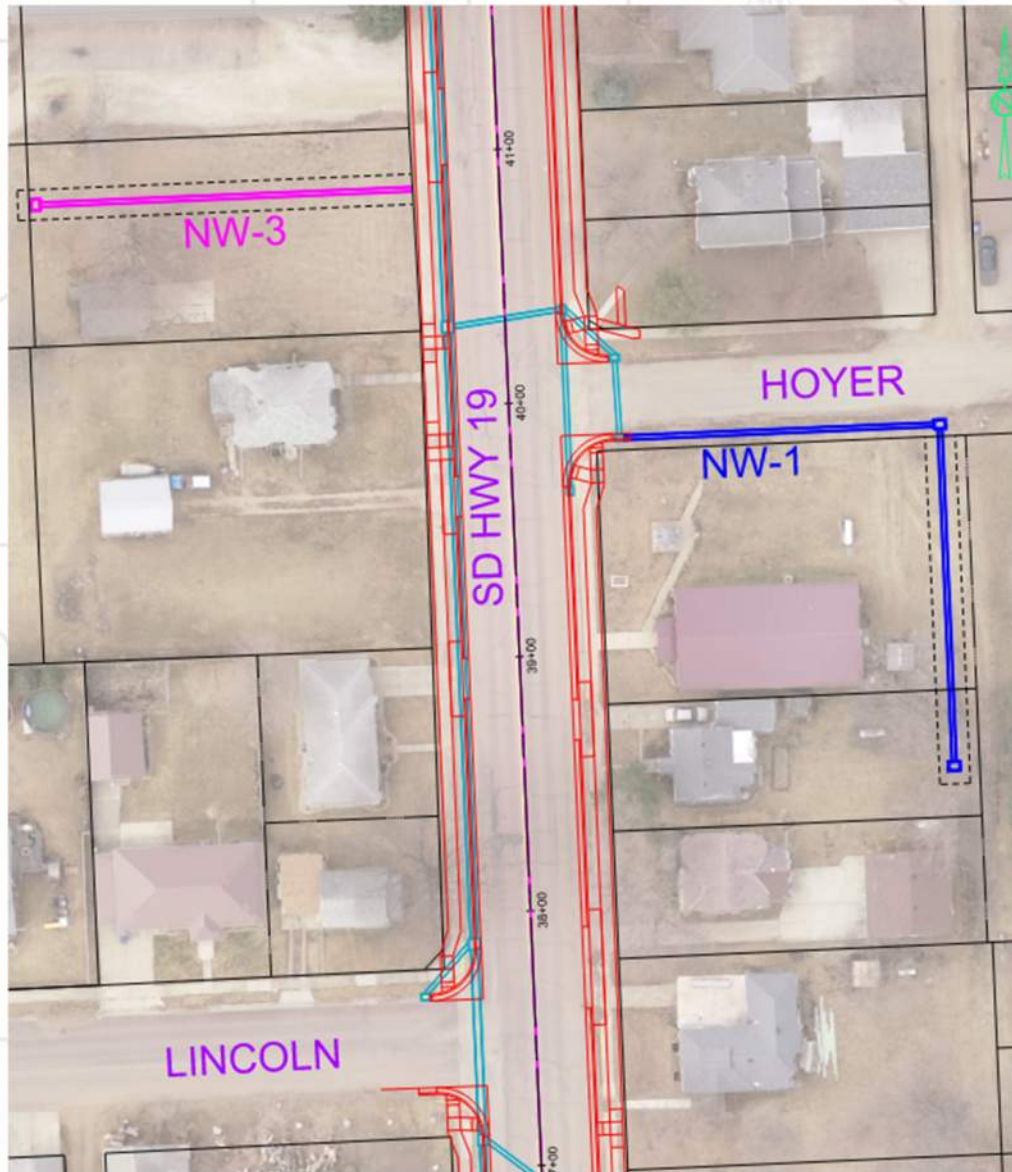


Commercial Street / Lewis Avenue

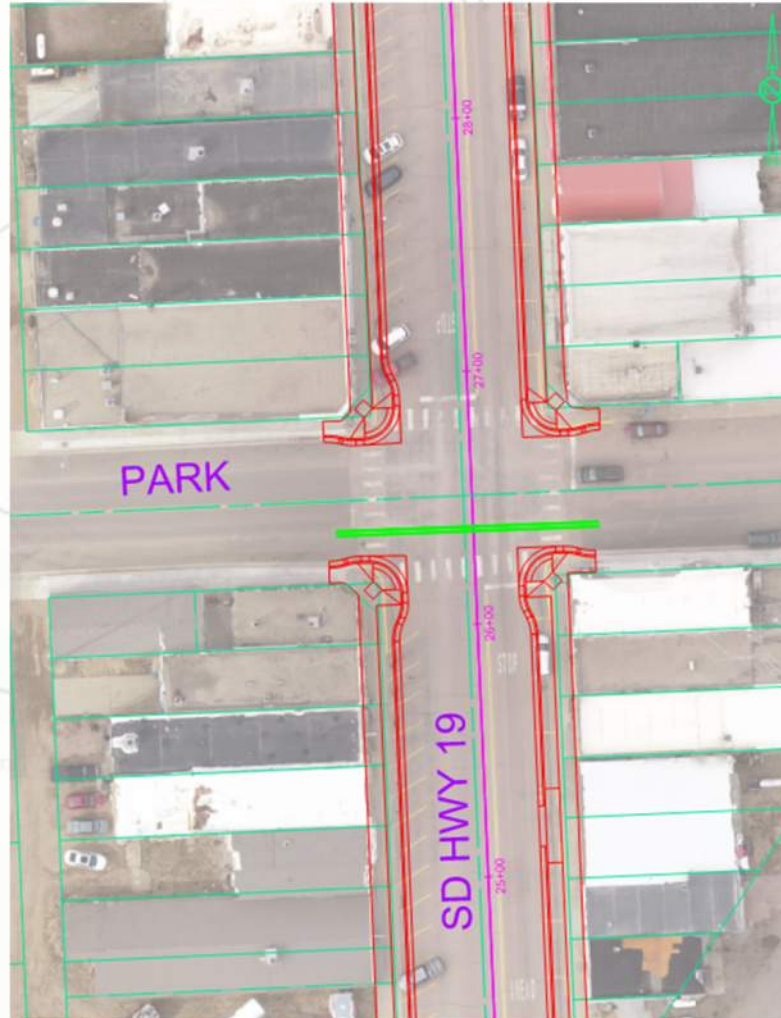
Option 2



Proposed City Drainage Improvements



Proposed City Drainage Improvements



Proposed City Drainage Improvements

Site	Estimated Cost
NW-1 (East Side)	\$37,700
NW-3 (West Side)	\$19,600
Park Ave. Crossing	\$10,300
Total	\$67,600

City Project

A map of South Dakota showing major roads and cities. The text 'SOUTH DAKOTA' is visible in the center-right. The map highlights the project areas with blue boxes.

Replacement of Sanitary Sewer Crossing at Blaine Avenue

Sanitary Sewer Adjustments - Lincoln Avenue to Pioneer Avenue

Waterline Adjustments as needed due to conflicts with Storm Sewer



City Project

A map of South Dakota with several orange location markers. The markers are placed along major roads like I-90 and I-77, and in various parts of the state including Buffalo, Spearfish, and Rapid City. The text 'SOUTH DAKOTA' is visible on the map.

**Fire Hydrant Relocations /
Adjustments**

Sanitary Sewer Manhole Adjustments

Water Valve Box Adjustments



Roadway Lighting

Replace Existing Lighting

Standard 40-foot to 50-foot high Steel Poles with LED

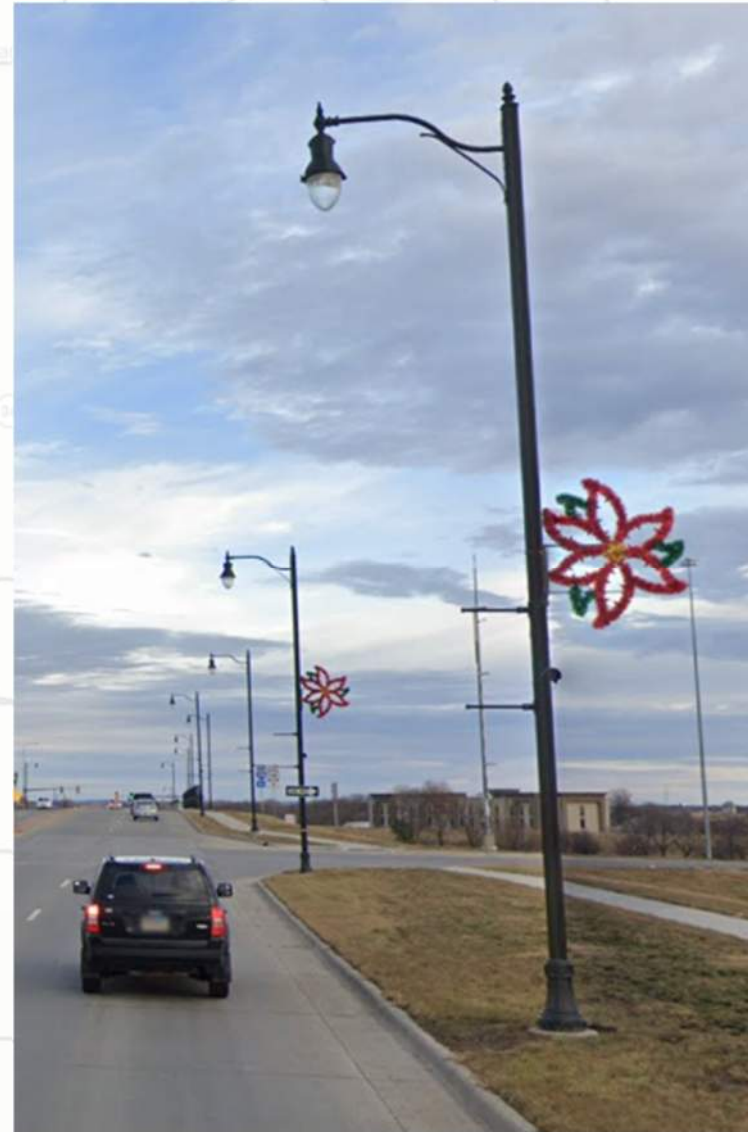


Roadway Lighting

Standard



Decorative



Access Management

Manage location and number of access points

Provide safe,
efficient access to
streets and
highways

Relocating,
combining and
eliminating access
points

See Handout

Right of Way (ROW)

Existing width typically varies from
66-70 feet

Purchase additional ROW (approx. 4-6
feet) – Sorenson Street to Blaine Avenue

Purchase additional ROW as needed at
intersection corners

Purchase additional permanent
easement as needed for drainage

Temporary Easements as needed for
construction

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 Yankton Area
Office**

See Handout

Utility Coordination

Some Utilities
may need to be
relocated

Utility Companies
negotiate
easements with
landowners

Southeastern Electric Coop
Bluepeak (Vast Broadband)
Fort Randall Telephone
TM Rural Water District
City of Viborg

See Handout

Utility Coordination

**Any Known
Private Utilities?**

Contact SDDOT

Water Lines

Drain Fields

Septic Tanks

Underground Storage Tanks

Underground Power Lines

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** (requires Federal actions to take into account the effects on historic properties)

See Handout

Environmental, Social and Economic Concerns

- **Section 404 of the Clean Water Act** (No wetlands will be impacted by the project)
- **Section 4(f) of the USDOT Transportation Act of 1966** (Glood Heritage Park is a Section 4(f) resource. Project action will include all possible planning to avoid and minimize harm to the park.)

See Handout

Environmental, Social and Economic Concerns

- **Section 7 of the Endangered Species Act**

The U.S. Fish and Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Turner County:

- Birds: Piping Plover & Red Knot
- Mammals: Northern Long-Eared Bat

No impacts are anticipated to these species by the project.

See Handout

Construction Traffic Control

Open to Traffic
Phased Construction

Roadway will be
constructed $\frac{1}{2}$ at a
time while
maintaining traffic on
the opposite side.

Construction Traffic Control

Anticipate three phases –

- 1) Ludwig Avenue to Park Street
- 2) Park Street to Blaine Avenue
- 3) Blaine Avenue to Pioneer Avenue

Landowner Meetings

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

Discussion Items:

- Driveway locations/widths
- Sidewalk, Retaining Walls and Curb Ramps
- Drainage
- Trees
- Temporary Easements or ROW acquisition

See Handout

Tentative Project Schedule

Dependent on Federal Funding

**Summer
2023**
Landowner
Meetings

**Fall 2023 /
Winter 2024**
Final Design

**Summer
2024 thru
2025**
ROW
Acquisition

**Summer /
Fall 2026**
Bid Letting
2027
Construction

Estimated Cost: \$5.8 million

Public Input

Submit Questions and/or Comments:

by:

March 24, 2023



to:

Cary Cleland
SDDOT
5316 W. 60th Street N.
Sioux Falls, SD 57107

Cary.Cleland@state.sd.us

Public Meeting Information can be found at:
https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_1881

