



DEPARTMENT OF  
TRANSPORTATION

# PUBLIC MEETING

**Project Location:** U.S. Highway 81 in Madison

**Project Number:** NH 0081(115)94 PCN 077K

**Date:** Thursday, Aug. 7, 2025, 5:30 PM

Harry Johnston, SDDOT Sioux Falls Area Engineer

Dan Sitorius, Consultant Project Manager

# MISSION

**To efficiently provide a safe and effective  
public transportation system.**

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

# PURPOSE OF THE MEETING

Involve the public in the  
planning and design  
process

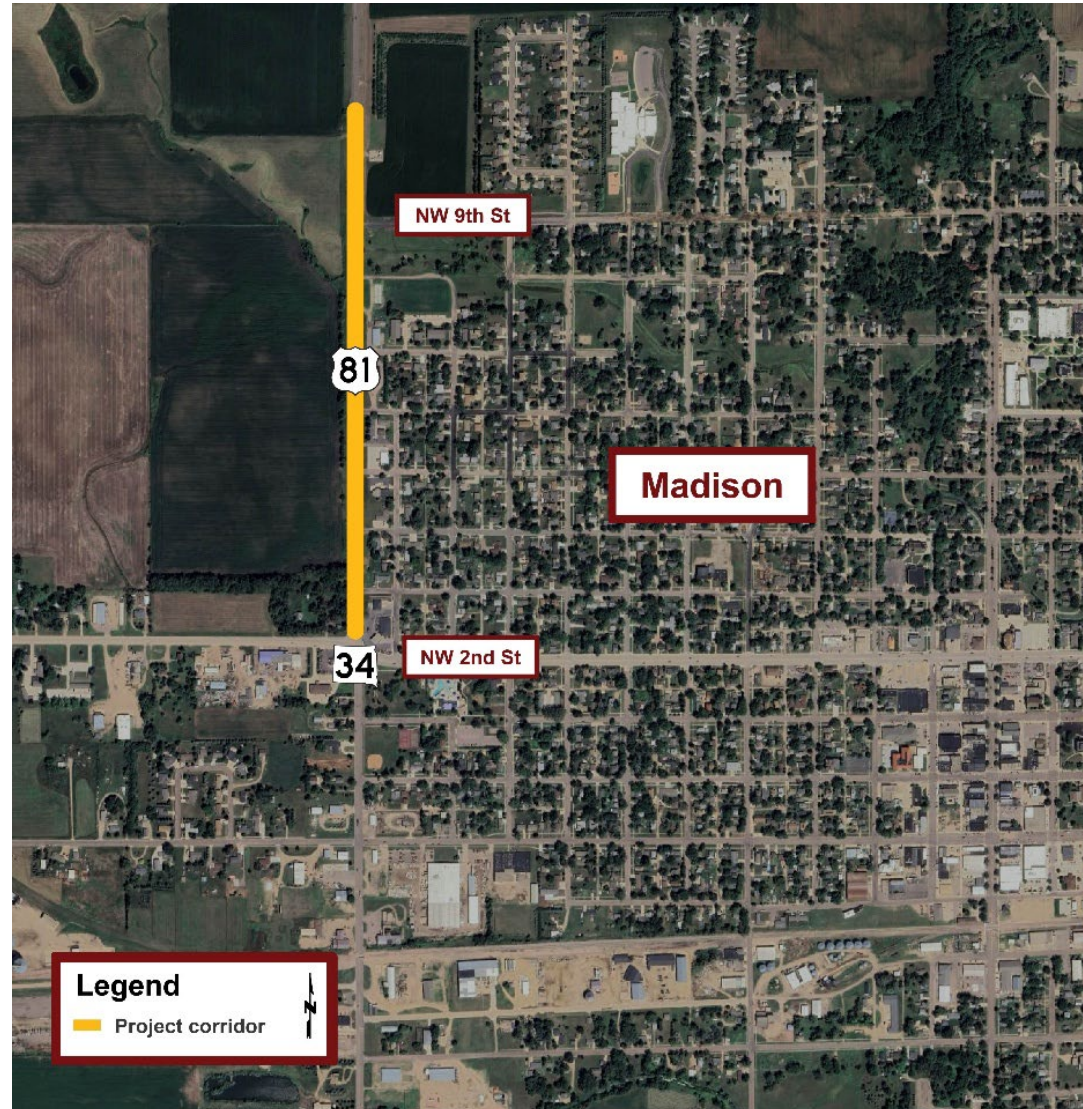
Provide a project  
overview

Gather input and  
comments



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

# PROJECT LIMITS



# BACKGROUND INFORMATION

Grading, Paving, Storm Sewer in 1954

Last Surface Improvements in 2010

Chip Seal in 2013

# TRAFFIC

**2020 Average daily traffic (ADT): 3,432**

**2040 Projected ADT: 4,246**

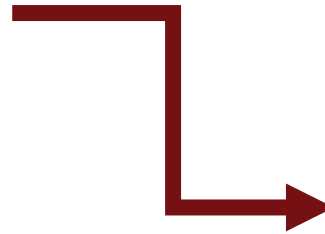
**2.7% Average truck traffic**

# CRASH HISTORY

## 8 Reported crashes

(Five-year period from 2020-2024)

- **Five (5)** rear end, **One (1)** angle
- **Two (2)** animal related
- **Zero (0)** fatalities



## Urban principal arterial

- Reported crash rate = **1.89**
- Statewide weighted crash rate = **1.92** (crashes per million vehicle miles of travel)



# WHY WE ARE RECONSTRUCTING





# PROPOSED IMPROVEMENTS



# PROPOSED TYPICAL SECTION



# THREE-LANE ROADWAY ADVANTAGES

- Traffic analysis – greatest benefit/cost ratio
- Capable of safely and efficiently handling 20,000+ vehicles/day
- Provides safe storage for left turning vehicles
- Reduces the number of conflict points for left turning vehicles and for vehicles entering the roadway
- Reduces the speed differential between vehicles
- Reduces crossing width for pedestrians

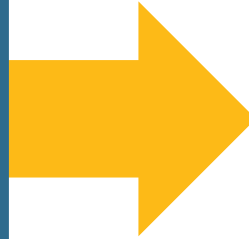


# PROPOSED PEDESTRIAN FACILITIES



# ROADWAY LIGHTING

Add  
Continuous  
LED  
Lighting



# 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 is 150 feet



Purchase additional ROW as needed



Temporary easements as needed



# 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 Sioux Falls  
Area Office.**

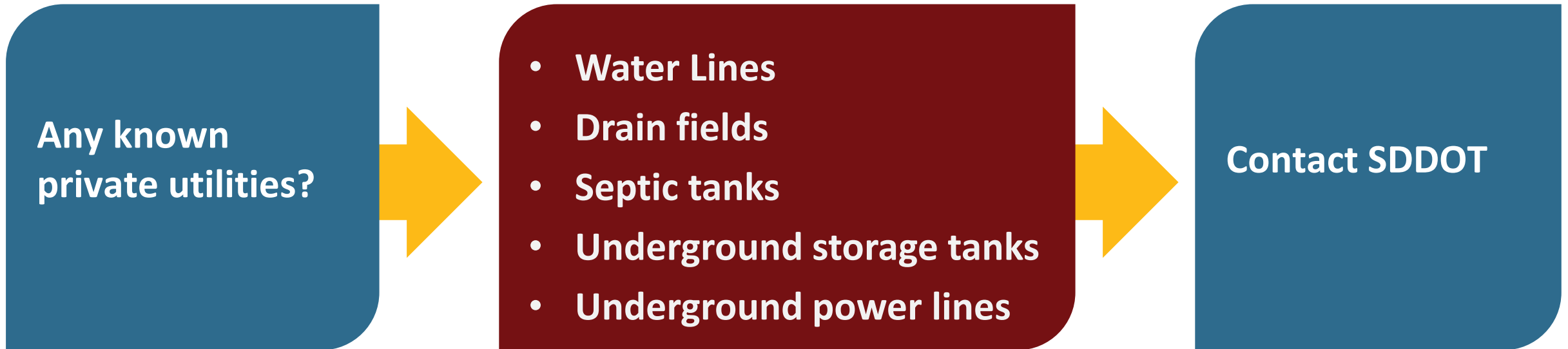
# UTILITY COORDINATION

Some utilities may need to be relocated.

Utility companies negotiate easements with landowners.

- City of Madison
- CenturyLink
- Midcontinent Communications Investors LLC
- SDN Communications
- Bluepeak
- NorthWestern Energy
- East River Electric Power Cooperative, Inc.
- Northern Natural Gas Company

# UTILITY COORDINATION



# 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 project is located outside the Madison Historic District.

**The public is invited to provide information on any culturally or archaeologically known site(s) in the project area.**

# ENVIRONMENTAL, SOCIAL, AND ECONOMIC CONCERNS

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

The 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.

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

Project action will include all possible planning to avoid and minimize harm to publicly owned parks, recreational areas, wildlife & waterfowl refuges, or public & private historical sites.

# ENVIRONMENTAL, SOCIAL, AND ECONOMIC CONCERNS

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

**According to the USFWS, the following species are known to occur in Lake County:**

- **Birds:** Rufa Red Knot
- **Mammals:** Northern Long-Eared Bat
- **Fish:** Pallid Sturgeon
- **Insects:** Dakota Skipper, Monarch Butterfly, Suckley's Cuckoo Bumble Bee, Western Regal Fritillary
- **Plants:** Western Prairie Fringed Orchid.

**Efforts are proceeding to ensure this undertaking will not adversely affect listed species in Lake County.**

# CONSTRUCTION TRAFFIC CONTROL

One-year plan

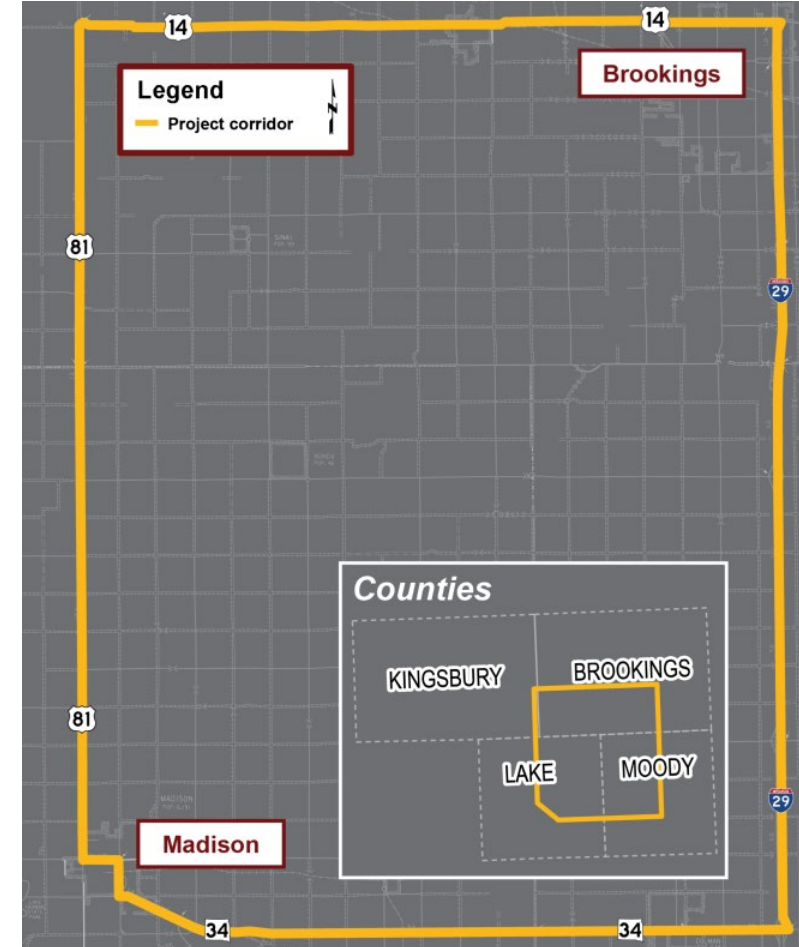


Closed to traffic  
with posted  
detours



# CONSTRUCTION TRAFFIC CONTROL

Detour routes  
for U.S.  
Highway 81  
traffic during  
construction



# LANDOWNER MEETINGS

## Fall 2025

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

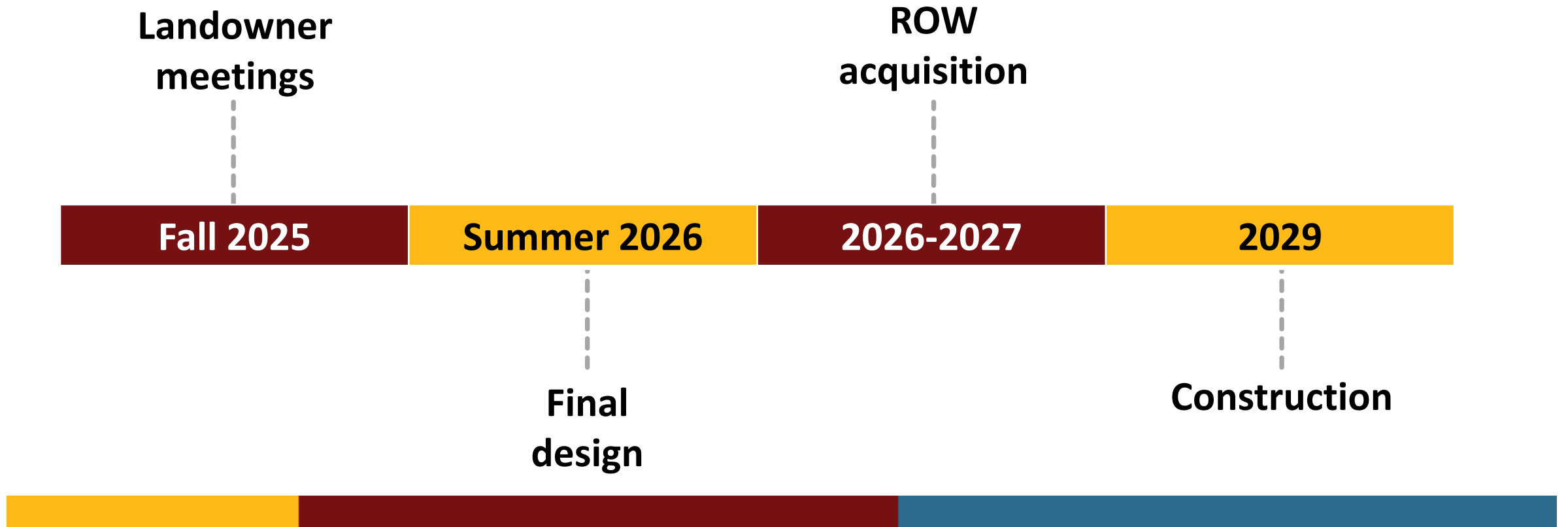
## Discussion Items

- Driveway locations/widths
- Sidewalk and curb ramps
- Fences
- Drainage
- Trees
- Temporary easements or ROW acquisition

**See handout**

# TENTATIVE PROJECT SCHEDULE

Estimated cost: \$6.73 Mil



# QUESTIONS OR COMMENTS

## THANK YOU

### DEADLINE:

Friday, Aug. 22, 2025

### SUBMIT TO:

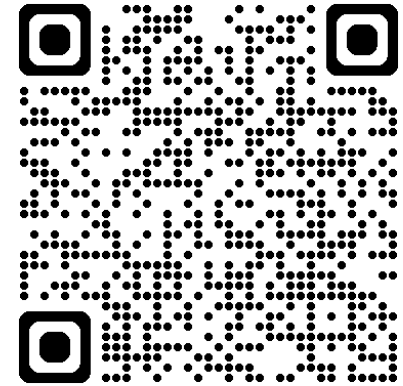
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SCAN ME

### WEBSITE:

*Online comments can also be submitted through the project website*

<https://dot.sd.gov/projects-studies/projects/public-meetings/#madison-077K>