

# Public Meeting

**NH 0046(69)288 PCN 05JN  
SD46 through Wagner**

**Neil Schochenmaier, PE  
Design Project Manager**

**August 13, 2020**



# Purpose of the Presentation

- **Involve the Public**
- **Provide a Project Overview**
- **Gather Input and Comments**

# Project Limits



# Background Information



- Grading & PCC Surfacing in 1991
- Signal at Main Street in 1994
- Pavement Restoration in 2011

# Traffic



- 2019 ADT = 4,510
- 2044 Projected ADT = 6,990
- Truck Traffic = 5.6%

# Crash History

- **Hwy 46 - 12 Reported Crashes (2015 to 2019)**
  - 6 Intersection Collisions
  - 3 Rear End Collisions
  - 3 Side Swipe Collisions
  - Reported crash rate = 1.16
- **Urban Principal Arterial**
  - Statewide Weighted Crash Rate = 1.95  
crashes per million vehicle miles of travel

# Why Are We Reconstructing

- Pavement Condition
- Pedestrian Facilities
- Drainage
- Improve Safety



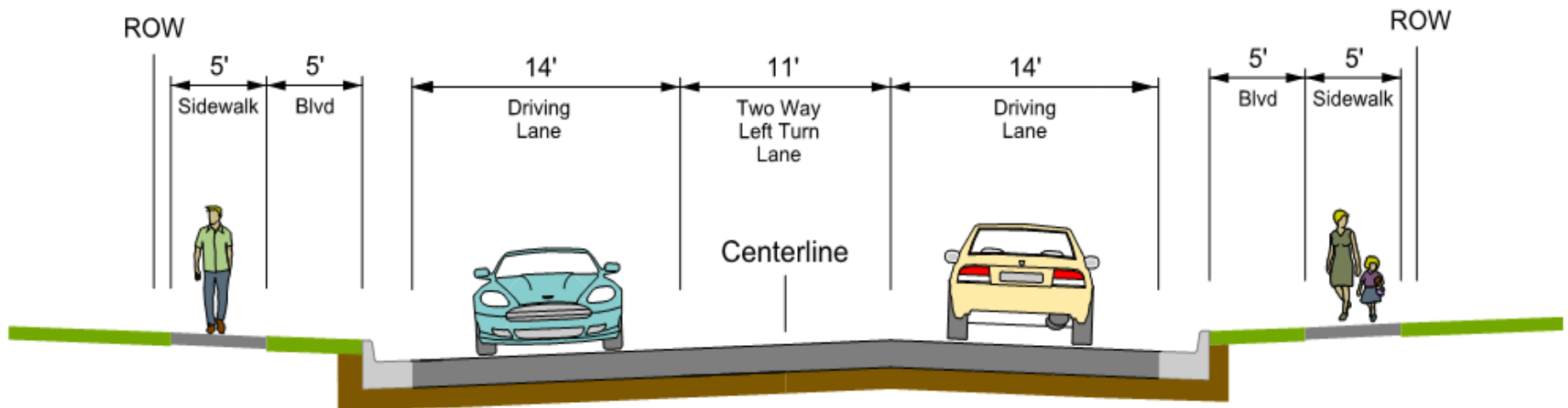
# Proposed Improvements

- **Modify 4 Lanes to 3 Lanes with Two Way Center Turn Lane**
- **Add Sidewalks**
- **New Storm Sewer**
- **Roadway Lighting**
- **Traffic Signals**
- **Portland Cement Concrete Surfacing**



# Proposed Typical Section

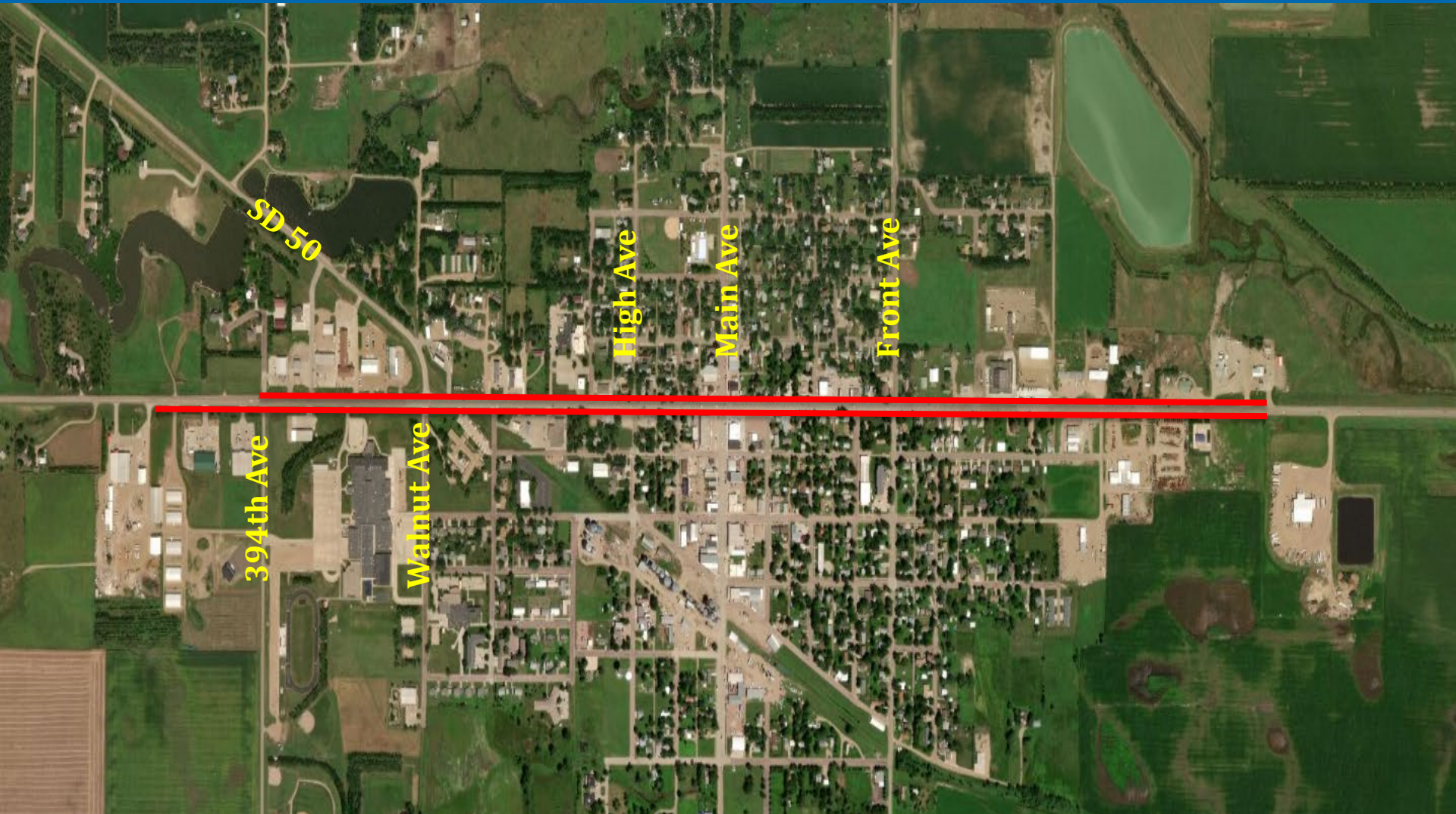
- **3 Lane Section (39' Wide)**
  - 2-14' Outside Lane
  - 1-11' Two Way Left Turn Lane
  - Curb & Gutter
  - Concrete Surfacing



# 3 Lane Roadway Advantages

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

# Proposed Sidewalk



# Roadway Lighting

- **Replace Existing Lighting**
  - LED



# Traffic Signals



- Replace Traffic Signal at SD46/Main Street

# Access Management

## Manage location and number of access points

### ➤ Why?

- Increase safety
- Increase efficiency of roadway

### ➤ How?

- Relocate, combine or eliminate

See Handout



# Right of Way (ROW)

## ➤ Existing Width

- **Varies between 66 to 200 feet**
  - 66 feet from Washington Ave. to East of Wagner Vet

## ➤ Purchase additional ROW as needed

## ➤ Temporary Easement as needed for construction

See Handout



# Encroachments

- **Private Property Located Within the Public ROW**
  - Federal Highway Regulations
  - Safety
- **Examples of Encroachments**
  - Signs
  - Private Use (Parking)
  - Landscaping Items
- **Owners of Encroachments will be Notified by the Mitchell Area Office**

See Handout





# Utility Coordination

- **Some Utilities may need to be relocated**
- **Utility Companies may negotiate easements with landowners as needed**



Fort Randall Telephone

Charles Mix Electric

Northwestern Energy

Randall Community

Water

City of Wagner

See Handout



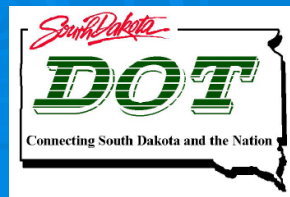
# Utility Coordination

## ➤ Any Known Private Utilities?

- Waterlines
- Drainfields
- Septic Tanks
- Underground Storage Tanks
- Underground Power Lines

## ➤ Contact SDDOT

See Handout



# Environmental, Social & Economic Concerns

This project is being developed in accordance with applicable State and Federal regulations

➤ **National Environmental Policy Act in 1969 (NEPA)**

- The project is being coordinated with State and Federal environmental resource agencies.

➤ **Section 106 of the National Historic Preservation Act**

- No known historic or archaeological sites will be impacted by the project.

See Handout



# Environmental, Social & Economic Concerns

- **Section 404 of the Clean Water Act**
  - Wetlands will not be impacted by the project.
- **Section 4(f) of the USDOT Transportation Act of 1966**
  - Wagner City Park is a Section 4(f) resource. There will be no permanent impact to the park.

See Handout



# Environmental, Social & 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 Charles Mix County:

- Birds: Least Tern, Piping Plover, Red Knot & Whooping Crane
- Mammals: Northern Long-Eared Bat
- Fish: Pallid Sturgeon

Awaiting a final determination - no impacts are anticipated to these species by the project. **UPDATE – No Impacts**

See Handout



# Construction Traffic Control



## ➤ 2 Year

- Year 1 – Main Street to East End of Project
- Year 2 – West End of Project to Main Street

## ➤ Open to Traffic

## ➤ Phased Construction

# Tentative Project Schedule

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<b>Final Design</b>	<b>Fall 2020</b>
<b>ROW Acquisition Process</b>	<b>2021 through 2022</b>
<b>Construction</b>	<b>2023 &amp; 2024</b>

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<b>Estimated Cost:</b>	<b>\$10.5 million</b>
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# Questions or Comments

Please Submit Questions or Comments by  
August 27, 2020 to:

Neil Schochenmaier  
South Dakota Department of Transportation  
700 East Broadway Avenue  
Pierre, SD 57501

[Neil.Schochenmaier@state.sd.us](mailto:Neil.Schochenmaier@state.sd.us)

Public Meeting Information @

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

