

# Public Meeting

S.D. Highway 20

Structures Replacement

P 0020(160)04 PCN 04FR

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Road Design Engineering Supervisor

June 7, 2018



P 0020(160)04 PCN 04FR

# West Two Bridge Locations



S.D. Highway 20 over the Little Missouri River and Valley Creek



# East Bridge Location



S.D. Highway 20 over Sioux Creek 8 mi. west of Reva



Why  
Are  
**WE**  
Here



# Purpose...

- ✓ Involve You, the public  
Planning and Design
- ✓ Provide Project Overview
- ✓ Gather Input and Comments



# Project Background

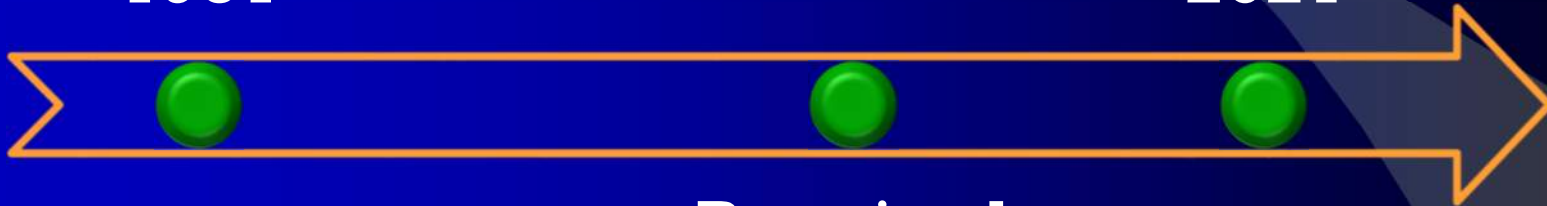


Bridges near Camp Crook

Built  
1951

Replace  
2021

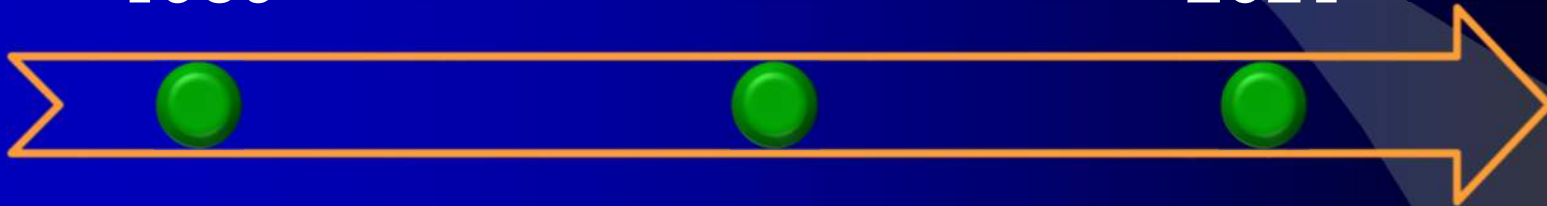
Repaired  
2006



Built  
1959

Replace  
2021

Repaired  
2001





# CRASH HISTORY 2013-2017

Bridges near Camp Crook

0 Crashes

0 Crashes

Bridge West of Reva

\*Statewide Crash Rate Rural  
Minor Arterial = 1.81



# TRAFFIC

2017 ADT = **122**

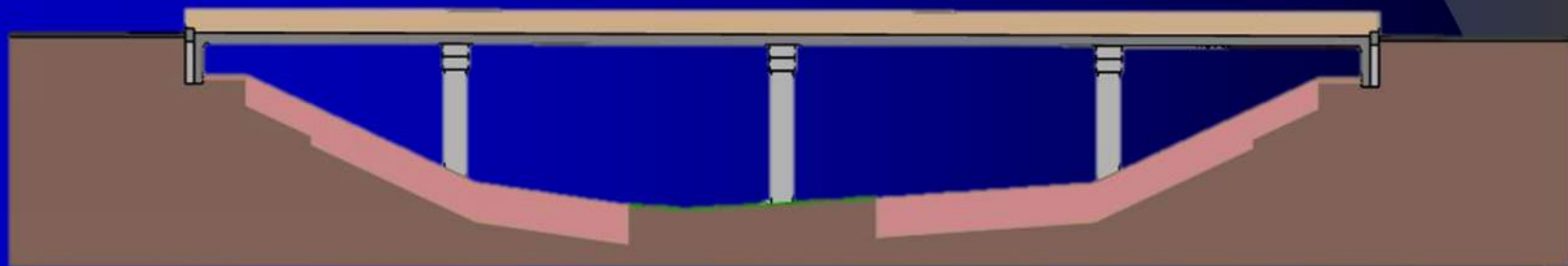
2042 Projected = **149**

**13.6%** Trucks

2017 ADT = **173**

2042 Projected = **212**

**26.6%** Trucks



# What's The Plan



# The Plan is...

- ✓ New Bridge over Little Missouri River

New alignment

- ✓ New Bridge over Valley Creek
- ✓ New Box Culvert over Sioux Creek



# The Plan is...

- ✓ Purchase Right-of-Way  
New alignment

- ✓ Utilities Coordination

Montana-Dakota Utilities Co.

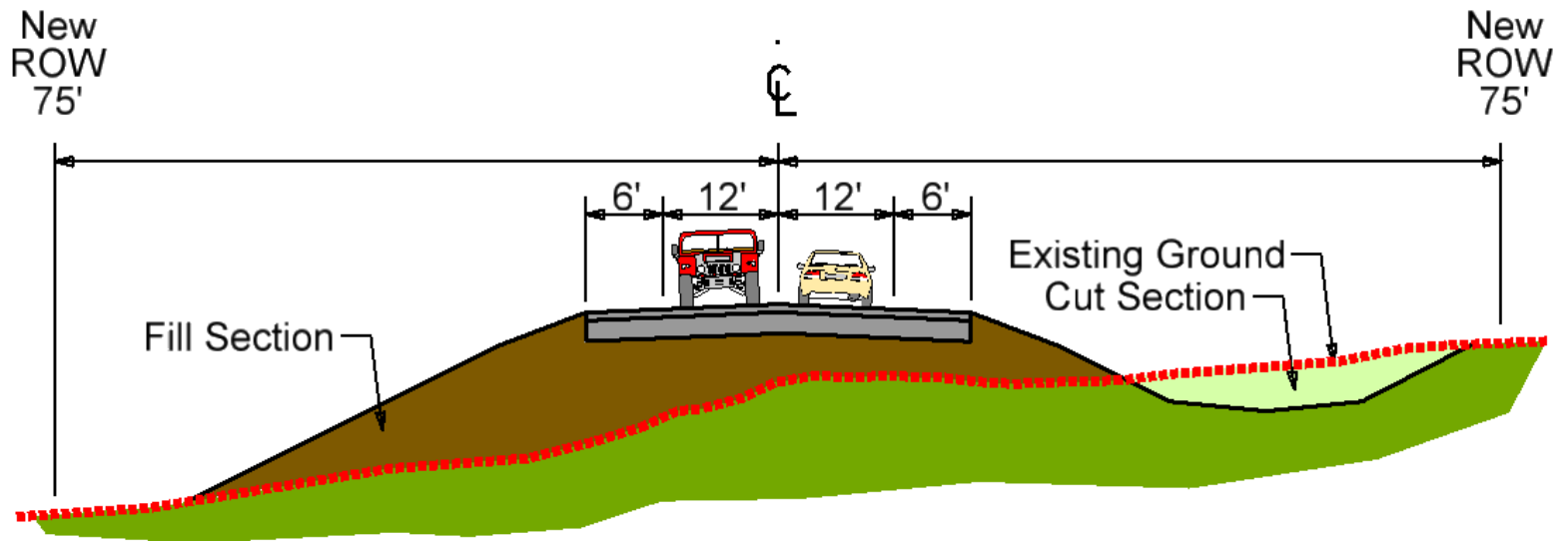
Grand Electric Cooperative, Inc.

West River Cooperative Telephone Co.





# SD Highway 20 New Alignment Typical Grading Section



# Right of Way

- ✓ Existing corridor – 150 feet
- ✓ Purchase Right-of-Way
  - Permanent 150 foot corridor for new alignment
  - Temporary Easements



See  
Handout



# Encroachments



See  
Handout





# National Environmental Policy Act (1969)

- ✓ Social
- ✓ Economic
- ✓ **Public Involvement**
- ✓ Environment



See  
Handout



# Environment

- ✓ Section 4(f)
- ✓ Section 106
- ✓ **Wetlands**
- ✓ Threatened/Endangered
- ✓ Contaminated Material



See  
Handout



# Construction Traffic Control

SD Hwy 20 Remains Open

New Alignment

Diversion

Temporary Signals

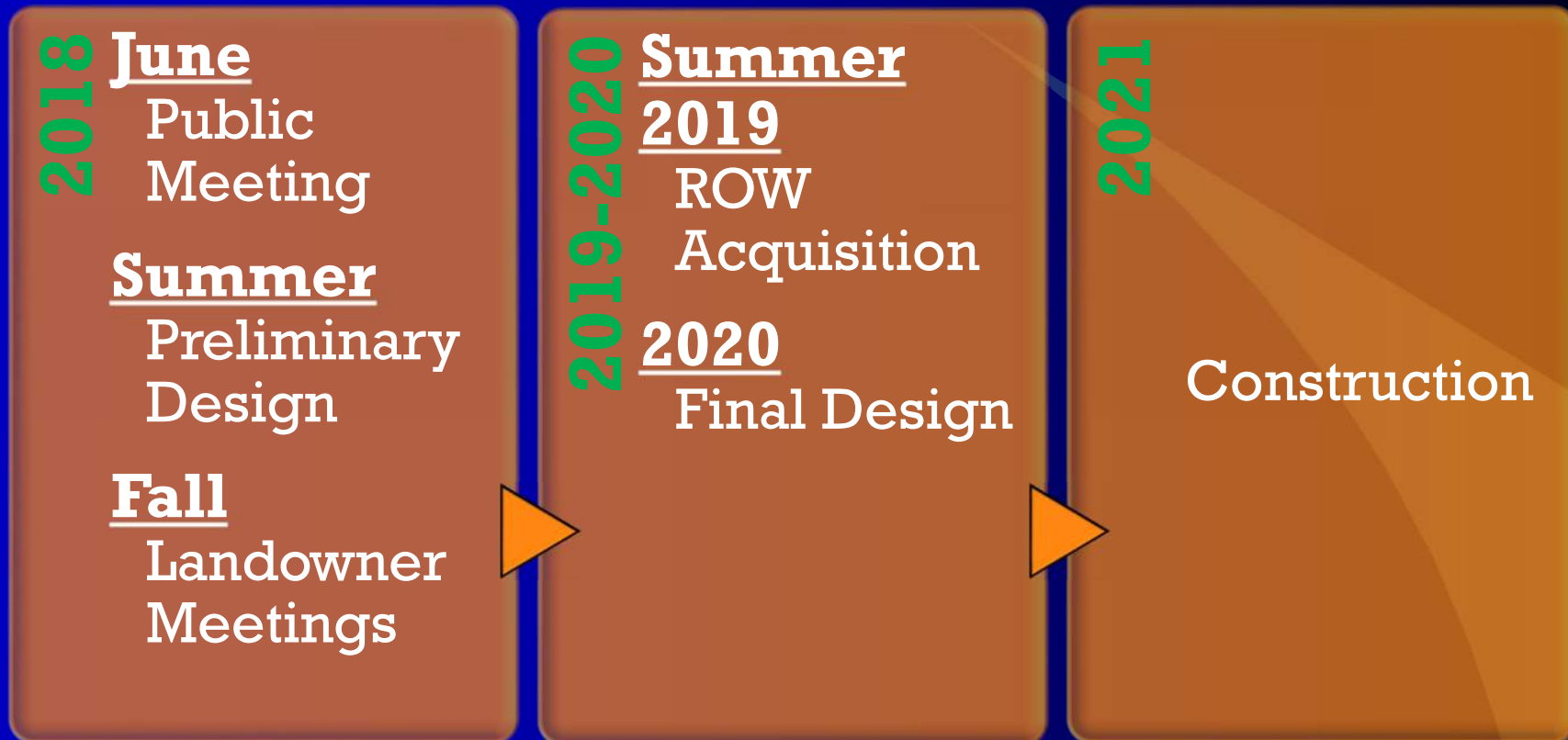




# Remaining Schedule



# Project Schedule



# Landowner Meetings



- ✓ Individual Meetings
- ✓ Impacts to Property



See  
Handout



# Estimated Cost

\$7.282 Million



# Questions or Comments

## June 21, 2018

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Public Meeting Information available at:  
<http://sddot.com/dot/publicmeetings/default.aspx>

