Public Meeting

U.S. Highway 12

Structures over BNSF Railroad

Corson County

NH-PS 0012(187)107  PCN 04FL

Neil Schochenmaier, PE
Road Design Engineering Supervisor

April 27, 2017
U.S. Highway 12 over BNSF Railroad 5.6 miles west of Morristown
From 1/2 mile west of overpass to 3/4 mile east of overpass
U.S. Highway 12 over BNSF Railroad east edge of McIntosh from 3/4 mile west of overpass to 1/2 mile east of overpass.
Why Are We Here?
What We Do
Planning

Design

ROW Acquisition

Construction
Project Background
West Bridge Timeline

Built
1936

Graded
1963

Repaired
2006

New
2020
East Bridge Timeline

- **Built**
  - 1936

- **Graded**
  - 1954 & 1964

- **Repaired**
  - 2009

- **New**
  - 2020
CRASH HISTORY 2011-2015

1 Fatal Crash (2016)
1 Winter Crash (2012)
1 Animal Related Crash (2012)

*Statewide Crash Rate Rural Minor Arterial = 1.81
TRAFFIC

2016 ADT = 491
2040 Projected = 712
21% Trucks

2016 ADT = 460
2040 Projected = 667
37.5% Trucks
What's the Plan
The Plan is...

- New Bridges over BNSF
- New alignment
- New RC Box Culverts
The Plan is...

- Purchase Right-of-Way
- Utilities Relocated
  
  Montana-Dakota Utilities
  Moreau Grand Electric
  West River Cooperative Telephone Co.
Construct New Bridge

Existing Centerline
58' West
63' East

Existing Centerline

75'

New Centerline

Existing ROW

New ROW

100'

100'

Cut Section

Fill Section
Relocate Utilities

Existing Centerline

58'

New Centerline

75'

Existing ROW

New ROW

100'

Cut Section

Fill Section
Issues at East Location

3rd St
3rd Street South Branch

- Highway – Shift 63 feet SW
- Highway – Raise 8 feet
- Relocation not favorable
- Remove Connection
3rd Street South Branch

✓ Retain North Branch
✓ Retain Lake Access Parking
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

✓ Through Traffic Maintained

Pilot Car

10-15 minute intermittent delays
Project Schedule

2017
- **April** Public Meeting
- **Summer** Landowner Meetings
- **Fall** Right of Way Acquisition

2018
- Final Design

2020
- Construction
Estimated Cost

$4.411 Million
Questions or Comments

May 11, 2017

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