

Public Meeting

NH-PH 0012(168)80 PCN 02QB

P-PH 0073(60)229 PCN 023A

U.S. Hwy 12 from North Dakota State Line to Lemmon

and

S.D. Hwy 73 from Flat Creek Lake to Jct. with U.S. Hwy 12

Mark Leiferman

Chief Road Design Engineer

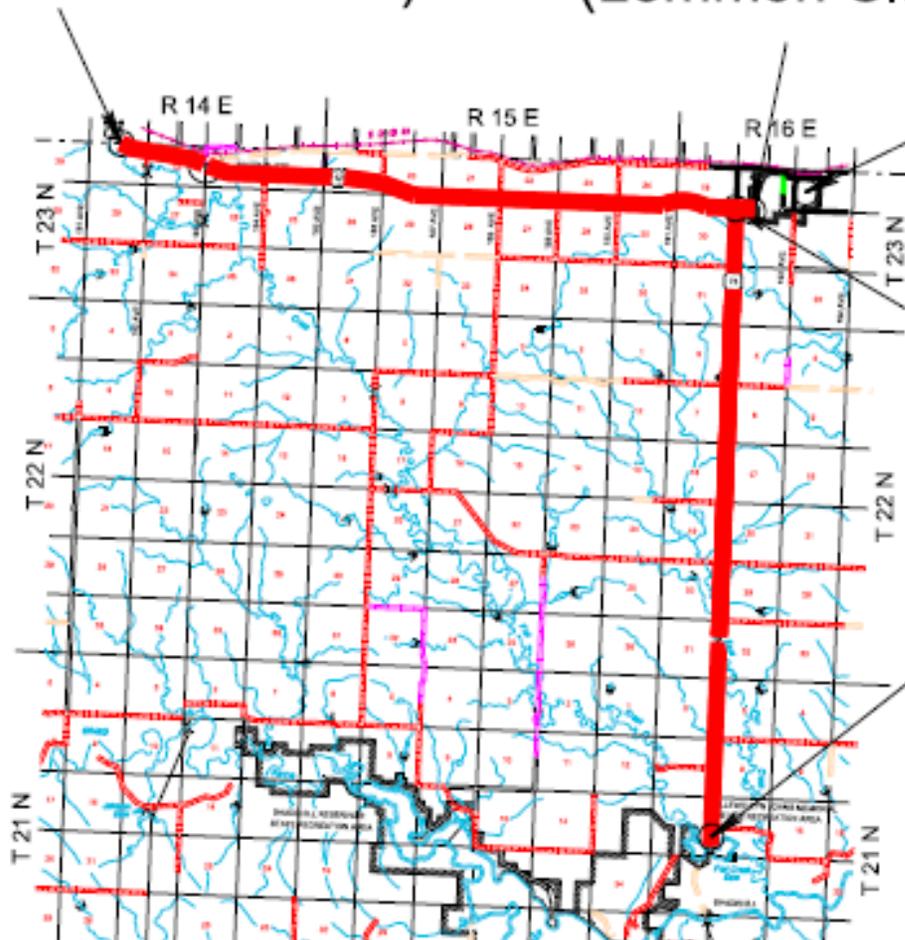
July 25, 2013



Project Limits

Begin
US Highway 12 Project
(North Dakota State Line)

End
US Highway 12 Project
(Lemmon City Limits)



LEMMON

End
SD Highway 73 Project
(JCT with US Highway 12)

Begin
SD Highway 73 Project
(Flat Creek Lake)

Why are we here?

- ▣ **Involve You, the traveling Public**
 - Discuss concerns, Exchange ideas

- ▣ **Project Overview**
 - Background Information
 - Proposed Project



Background Information

U.S. HIGHWAY 12

- ▣ Constructed in 1950
- ▣ Last Surface Improvement 2003

S.D. HIGHWAY 73

- ▣ Constructed in 1950
- ▣ Last Surface Improvement 1995



Background Information

U.S. HIGHWAY 12

- ▣ 2012 Average Daily Traffic (ADT) = 810
- ▣ 2032 Projected
ADT = 968
- ▣ 20.5% Average Truck Traffic

S.D. HIGHWAY 73

- ▣ 2012 Average Daily Traffic (ADT) = 664
- ▣ 2032 Projected
ADT = 793
- ▣ 20.2% Average Truck Traffic



Crash History

U.S. HIGHWAY 12

- ▣ January 2010 through December 2012:
 - 16 Crashes
 - ▣ 7 Animal Hits
 - ▣ 5 Overturn
 - ▣ 3 Fixed Objects
 - ▣ 1 Side Swipe

Crash Rate = 2.33

S.D. HIGHWAY 73

- ▣ January 2010 through December 2012:
 - 12 Crashes
 - ▣ 5 Animal Hits
 - ▣ 3 Fixed Objects
 - ▣ 3 Overturn
 - ▣ 1 Angle No Intersection

Crash Rate = 2.20

**Statewide Crash Rate Average = 1.90
(Rural Minor Arterial)**



Deficiencies

- ▣ Narrow roadway
- ▣ Deteriorated Pavement

Proposed Project

- ▣ Widen shoulders to 6 feet
- ▣ Construct ditches to current standards
- ▣ Rehabilitate pipe under highway
- ▣ Replace box culverts
- ▣ Reconstruct approaches and replace approach pipe

Proposed Project

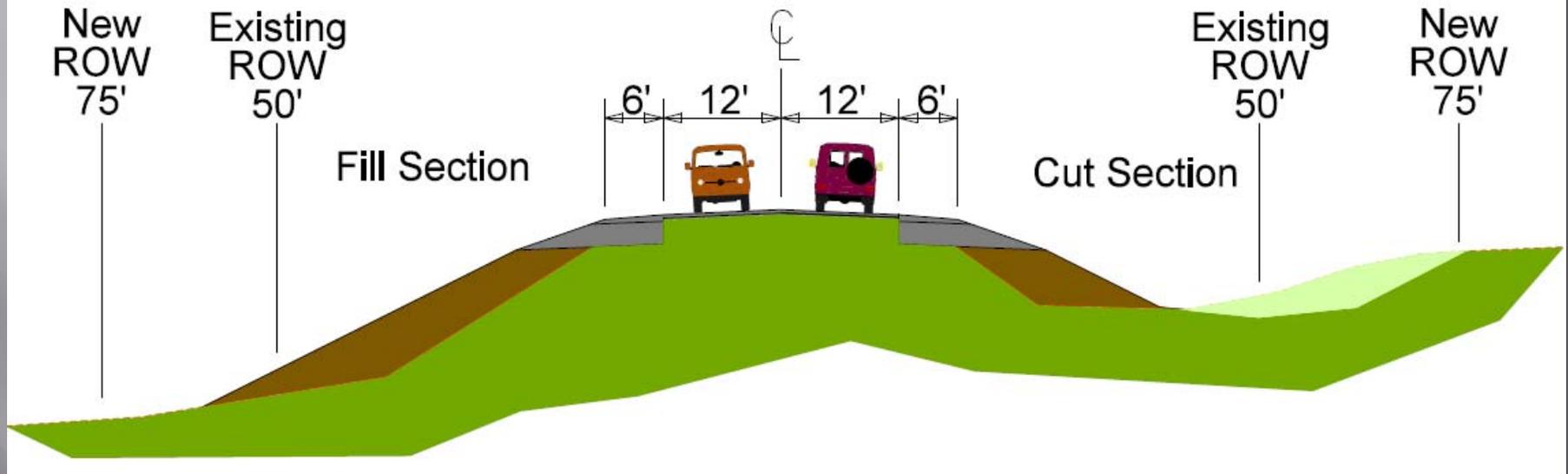
- ▣ Purchase additional Right-of-Way
 - US Highway 12
- ▣ Replace all Fence

Proposed Project

- ▣ Intersection Between US Highway 12 and SD Highway 73
 - ▣ Extend Street Lighting from Lemmon City Limits
 - ▣ Add Left Turn Lane on US Highway 12
 - ▣ Surface Repair at Scale Site

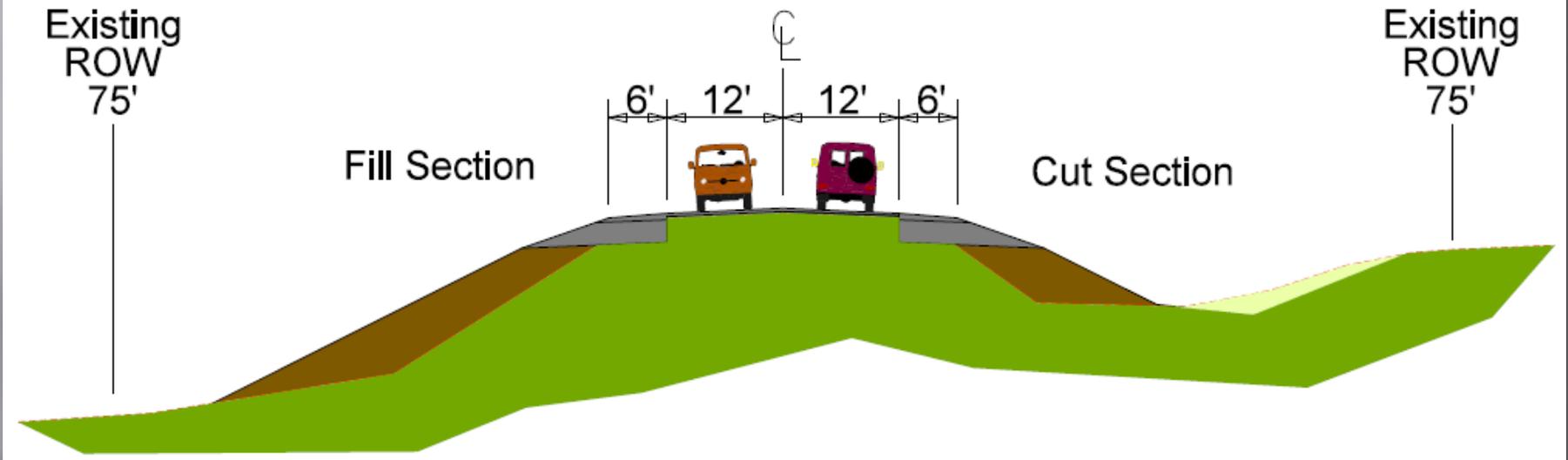
Proposed Project

US HIGHWAY 12 TYPICAL GRADING SECTION



Proposed Project

SD HIGHWAY 73 TYPICAL GRADING SECTION



Proposed Project

U.S. HIGHWAY 12

- ▣ Estimate of
\$5.9 million

S.D. HIGHWAY 73

- ▣ Estimate of
\$6.3 million



Right-of-Way (ROW)

U.S. HIGHWAY 12

- ▣ Existing Width
 - 50 feet from centerline
(fences generally at 51 ft)
- ▣ Purchase additional 25 feet each Side
- ▣ Temporary Easement (as needed)

S.D. HIGHWAY 73

- ▣ Existing Width
 - 75 feet from centerline
(fences generally at 76 ft)
- ▣ Temporary Easement (as needed)

Right-of-Way (ROW)

- ▣ Encroachments - Private property, such as signs, buildings or private utilities located within the public ROW
 - Federal Highway Regulations
 - Safety
- ▣ Owners of encroachments will be contacted by Belle Fourche Area personnel.

Utility Coordination

- ▣ Some of the existing utilities may need to relocate.
- ▣ Utility Companies may negotiate easements with landowners as needed.

Perkins County Rural Water
West River COOP. Telephone Co.
Grand Electric
Montana Dakota Utilities

Environmental, Social & Economic Concerns

- ▣ Section 4(f) Property
 - Llewellyn Johns Recreation Area
- ▣ Section 106
- ▣ Endangered Species
 - Whooping Crane
- ▣ Wetlands

Handout Pages 8 & 9



Access Management

- ▣ To provide safe, efficient access to streets and highways
- ▣ Limit number of direct accesses to major roadways

Construction Traffic Control

- ▣ Road open to through traffic
- ▣ Use flaggers and pilot cars during daytime – there will be some delays
- ▣ Open to 2 way traffic at night
- ▣ Traffic diversions at some pipe and box culvert replacement locations

Landowner Meetings

- ▣ Fall 2013
- ▣ Held with individual *impacted* landowners
 - Driveway location / widths
 - Fence
 - Drainage
 - Trees
- ▣ Landowners will be contacted by SDDOT to schedule an appointment

Tentative Project Schedule

Dependent on Federal Funding

- ▣ Landowner Meetings (Fall 2013)
- ▣ Final Design (Spring 2014)
- ▣ ROW Acquisition Process (2014 - 2015)
- ▣ Bid Letting (Winter 2016)
- ▣ Construction (2016)

- ▣ Mill and Asphalt Resurfacing (2017)
(Separate Project)



Questions?

Please Submit Questions or Comments by
August 8, 2013 to:

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

Public Meeting Information

<http://sddot.com/dot/publicmeetings/default.aspx>

