

Public Meeting

**US Highway 18
From James River to US81
Hutchinson County**

P 0018(192)390 PCN 04KT

**Cary Cleland
Road Design Engineering Supervisor**

June 8, 2017

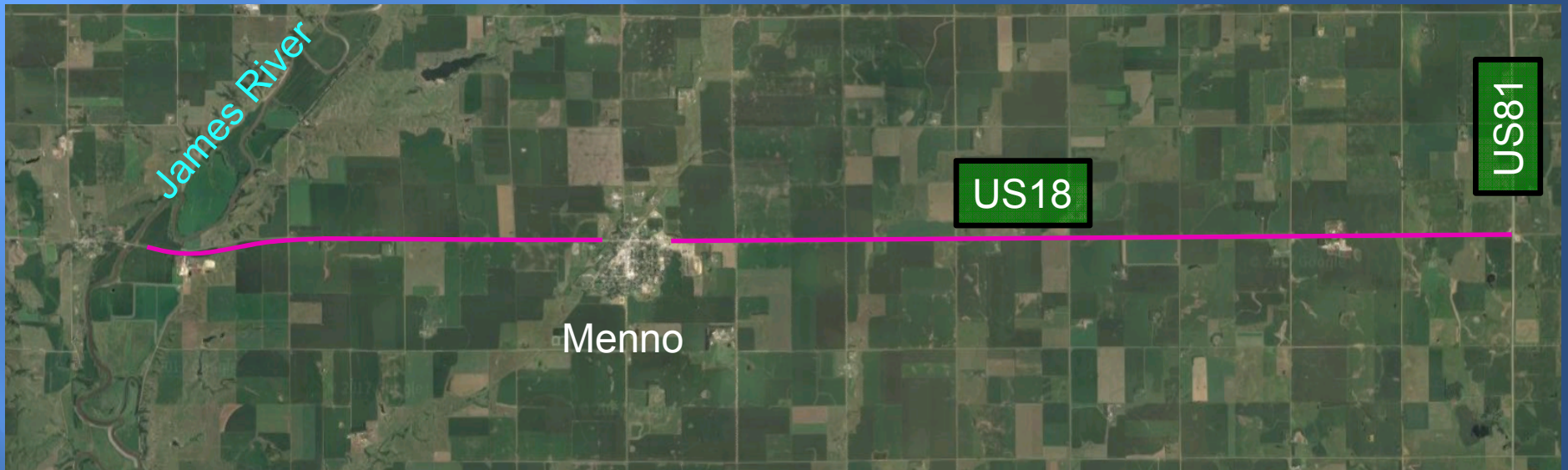


Purpose of the Meeting

- **Involve the public in the planning and design process**
- **Provide a project overview**
 - Background Information
 - Proposed Project
 - Project Schedule
- **Gather input and comments**



Project Limits



Background Information

- **Grading & Structures in 1947**
- **Resurfaced in 2009**
- **Menno Reconstructed in 2010**
- **Chip Seal in 2011 (planned again in 2019)**

Traffic

- **2016 Average Daily Traffic (ADT) = 887**
- **2041 Projected ADT = 1020**
- **14% Average Truck Traffic**

Crash History

➤ 5 Year Period from 2012 to 2016

- 26 Reported Crashes
 - 15 Animal Hit
 - 4 Fixed Object Off Road
 - 4 Overturn Off Road
 - 2 Rear End
 - 1 Head-On
- 0 Fatalities
- Reported Crash Rate = 1.51

➤ Rural Principal Arterial

- Statewide Weighted Crash Rate = 1.48
crashes per million vehicle miles of travel



Highway Deficiencies

- Vertical Curves at East End
- Horizontal Curves at West End
- Narrow Shoulders – 1 foot
- Structures
- Culverts



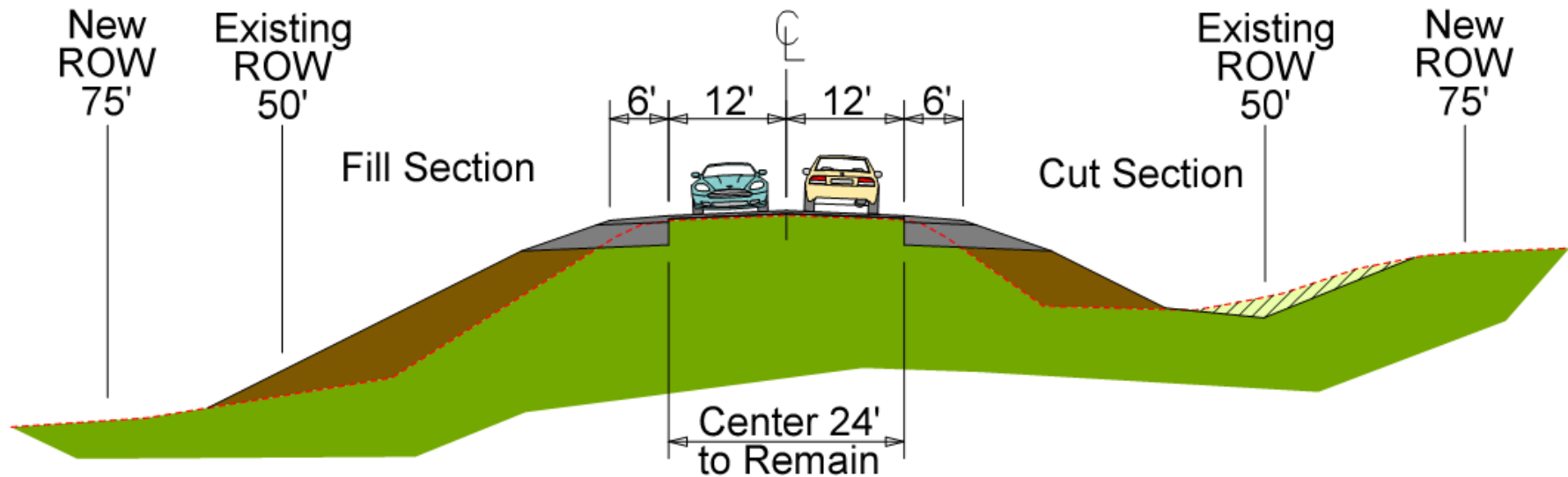
Proposed Improvements

- **Widen Shoulders – 6' Asphalt**
- **Regrade Deficient Vertical & Horizontal Curves**
- **Replace Box Culverts, Pipe, & Fence**
- **Existing 24' of Asphalt Pavement to Remain**



Proposed Typical Section

US HIGHWAY 18 TYPICAL SECTION



Access Management

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

See Handout



Right of Way (ROW)

- Existing Width - 100 feet
- Purchase additional ROW - 150 feet
 - < 150 feet near houses when needed
- Temporary Easements as needed for construction

See Handout



Encroachments

- **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 Yankton Area Office**

See Handout



Utility Coordination

- **Some utilities may need to be relocated**
- **Utility companies may negotiate easements with landowners as needed**

TransCanada Keystone Pipeline
Vast Broadband
City of Menno
Golden West Communications
Midco Communications

Century Link
SE Electric
Nustar Energy
Northern Natural Gas
B-Y Rural Water

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

The National Environmental Policy Act of 1969 (NEPA) requires that federally funded projects be reviewed to determine the social, economic, and environmental consequences of the action. Public involvement is beneficial to the implementation of a project's NEPA process. This project is being developed in accordance with applicable State & Federal environmental regulations. **Your input** on the following will aid in the project's development and NEPA review.

Section 4(f) Property

The project was reviewed to determine potential impacts to Section 4(f) properties, i.e. publicly owned parks, recreational areas, wildlife & waterfowl refuges, or public & private historical sites. **No Section 4(f) properties have been identified along the project.**

Contaminated Materials

No contaminated materials have been identified along the project, to date. If you have information on contaminated materials, or underground/above ground storage tanks that could be encountered during construction, please let us know.

See Handout



Environmental, Social & Economic Concerns

Section 106

Section 106 of the National Historic Preservation Act requires Federal actions to take into account the effects of project undertakings on historic properties. No historic properties were identified during a cultural resources survey of the project. **A cultural resources survey will be conducted on the project to determine if historic / archaeological resources will be impacted by the project.**

Wetlands

Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. **Wetland impacts have not been determined yet for this project.** If you are interested in creating or restoring wetlands on your property, please complete the Wetland Mitigation Registry Form in the handouts.

See Handout



Environmental, Social & Economic Concerns

Threatened & Endangered Species

The U.S. Fish & Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Hutchinson County:

- Birds: Whooping Crane, Red Knot



See Handout



Environmental, Social & Economic Concerns

Threatened & Endangered Species

The U.S. Fish & Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Hutchinson County:

- Mammals: Northern Long-Eared Bat



See Handout



Environmental, Social & Economic Concerns

Threatened & Endangered Species

The U.S. Fish & Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Hutchinson County:

- Aquatic: Topeka Shiner



See Handout



Environmental, Social & Economic Concerns

Threatened & Endangered Species

The U.S. Fish & Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Hutchinson County:

- Plants: Western Prairie-Fringed Orchid



Awaiting a final determination. But, at this time no adverse effects are anticipated to these species by the project.

See Handout



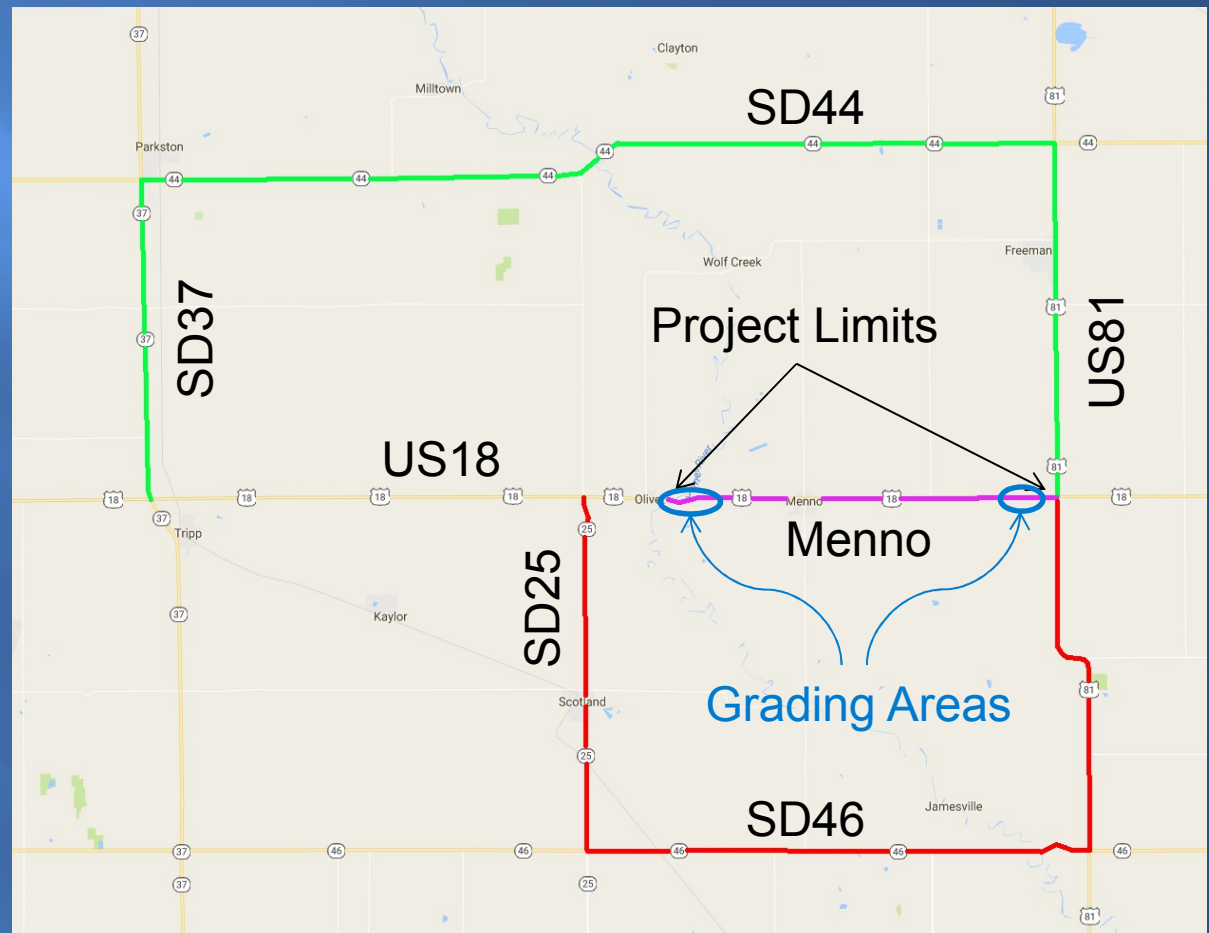
Construction Traffic Control

- Road will be closed to through traffic during grading work
- Local traffic and emergency vehicle access will be maintained at all times



Construction Traffic Control

- Detour routes for Highway US 18 traffic during construction
- Detours around grading areas may be shorter for local traffic



Landowner Meetings

➤ Winter 2017/2018

- Will be contacted by SDDOT to schedule an appointment

➤ Held with individual landowners adjacent to the project

- Driveway location / widths
- Fence
- Drainage
- Trees
- Temporary Easements or ROW acquisition

See Handout



Tentative Project Schedule

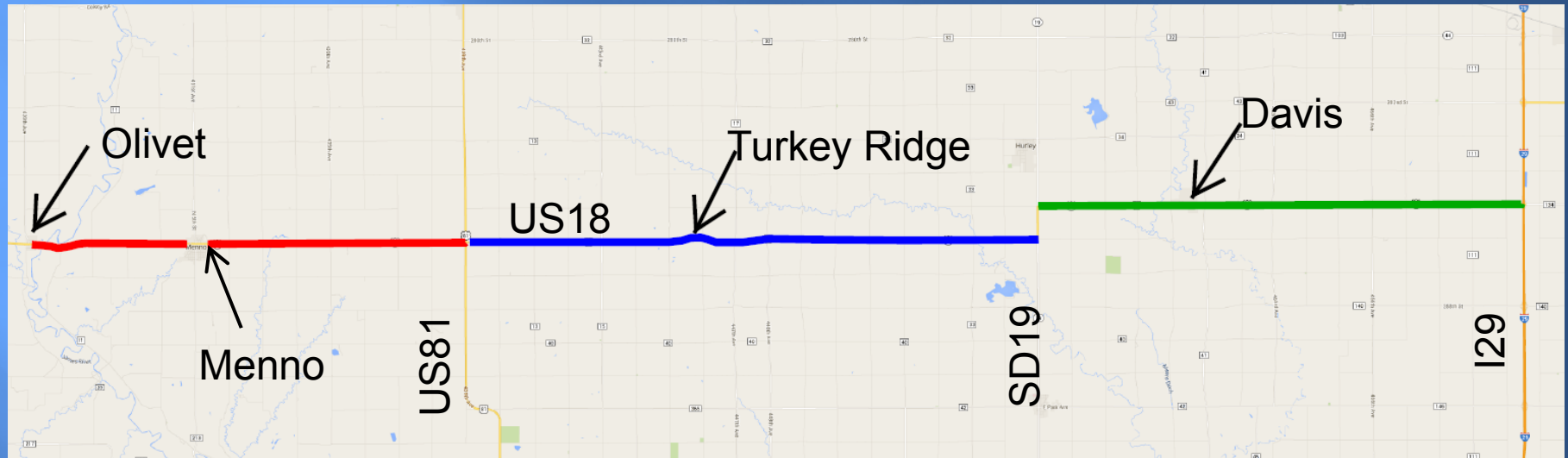
Dependent on Federal Funding





Landowner Meetings	Winter 2017/2018
Final Design	2018
ROW Acquisition Process	2019/2020
Construction	2021

Estimated Cost:	\$9.893 million
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Projects in the Area



-  James River to US81 - Shoulder Widening, Str. Replacement, and Pipe Repair in 2021
-  US81 to SD19 - Grading, Structure, and Interim Surfacing in 2018
-  SD19 to I29 - Shoulder Widening, Str. Replacement, and Pipe Repair in 2018
-  Asphalt Concrete Surfacing in 2019

Questions or Comments

Please Submit Questions or Comments by
June 22, 2017 to:

Cary Cleland
South Dakota Department of Transportation
5316 W 60th Street N
Sioux Falls, SD 57107
Cary.Cleland@state.sd.us

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

