

Public Meeting

**SD Highway 50 from the divided lanes
West of Vermillion to the divided lanes
East of Vermillion
Clay County**

NH 0050(117)407 PCN 04YU

**Cary Cleland
Road Design Engineering Supervisor**

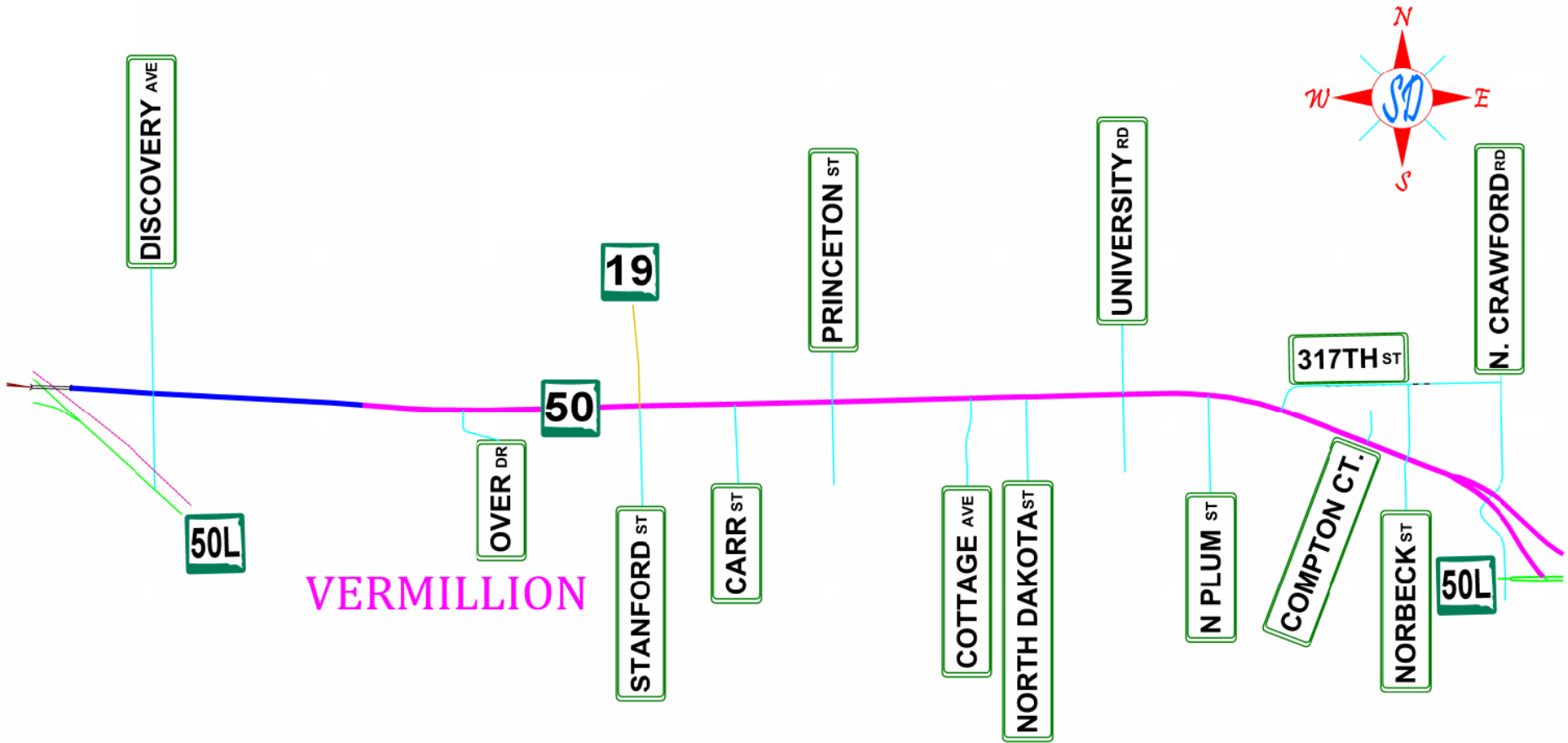
July 25, 2017



Purpose of the Meeting

- **Involve the Public in the Planning and Design Process**
- **Provide a Project Overview**
 - Background Information
 - Proposed Improvements
 - Project Schedule
- **Gather Input and Comments**

Project Limits



Project Length = 5 miles



Background Information

- **Resurfacing Section**
 - **Grading in 1982**
- **Widening Section**
 - **Grading in 1953**
 - **Grading & Storm Sewer in 1974**
- **Both Sections Resurfaced in 2002**



Traffic – SD50

- 2016 Average Daily Traffic (ADT) = 4883
- 2041 Projected ADT = 6782
- 17.1% Average Truck Traffic

Crash History – SD50

➤ 5 Year Period from 2012 to 2016

- 45 Reported Crashes
 - 19 Angle-Intersection
 - 11 Animal Hit
 - 15 Other
- 3 Fatalities
- Reported Crash Rate = 2.20

➤ Rural Principle Arterial

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



Highway Deficiencies

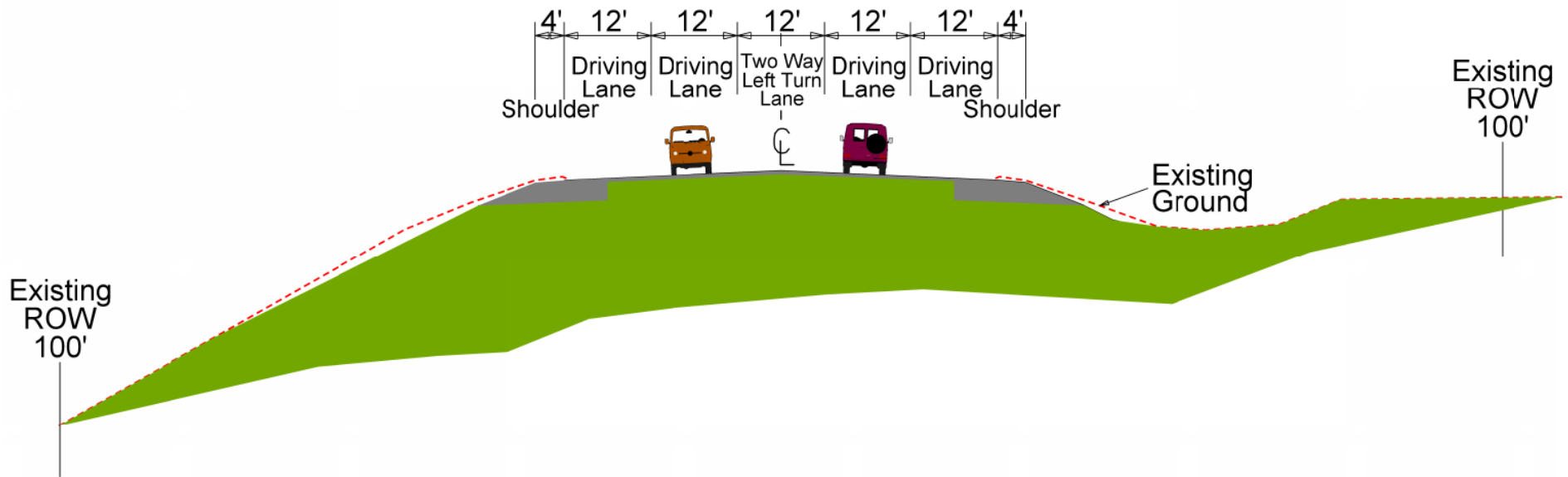
- **Narrow Roadway**
 - 4 – 11' Driving Lanes
 - 8' Left Turn Lane
 - No Shoulders
- **Poor Surfacing Condition**
 - Outer 6' Deteriorating
 - Overlay This Summer

Proposed Improvements

- **Widen Roadway –**
 - **4 – 12' Driving Lanes**
 - **12' Two Way Left Turn Lane**
 - **4' Shoulders**
- **Remove Curb & Gutter and Storm Sewer**
- **Asphalt Concrete Resurfacing**
- **Add Additional Lighting**

Proposed Typical Section

TYPICAL GRADING 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 – 200 feet
- 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 Have Been 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**
- **Existing utilities may include:**

Century Link

Clay Union Electric

Vast Broadband (Formerly WOW)

S.D. Network Comm. Inc.

Lewis and Clark Rural
Water

Long Lines

Midco

Clay Rural Water

City of Vermillion

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 is being 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 as of this time.**

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. **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 reviewed the project and concurred that the project will have no effect on the following species that are known to occur in Clay Counties:

- Birds: Piping Plover, Least Tern & Red Knot



See Handout



Environmental, Social & Economic Concerns

Threatened & Endangered Species, cont.

- Mammals: Northern Long-Eared Bat



See Handout



Environmental, Social & Economic Concerns

Threatened & Endangered Species, cont.

- Fish: Topeka Shiner, Pallid Sturgeon



See Handout



Environmental, Social & Economic Concerns

Threatened & Endangered Species, cont.

- Plants: Western Prairie-Fringed Orchid



- Clam: Scaleshell Mussel



See Handout

Construction Traffic Control

- **Traffic will be maintained.**
- **Access will be maintained to adjacent properties.**

Landowner Meetings

- **Fall 2017**
 - Will be contacted by SDDOT to schedule appointment
- **Held with individual landowners adjacent to the project to discuss:**
 - Driveway location / widths

See Handout



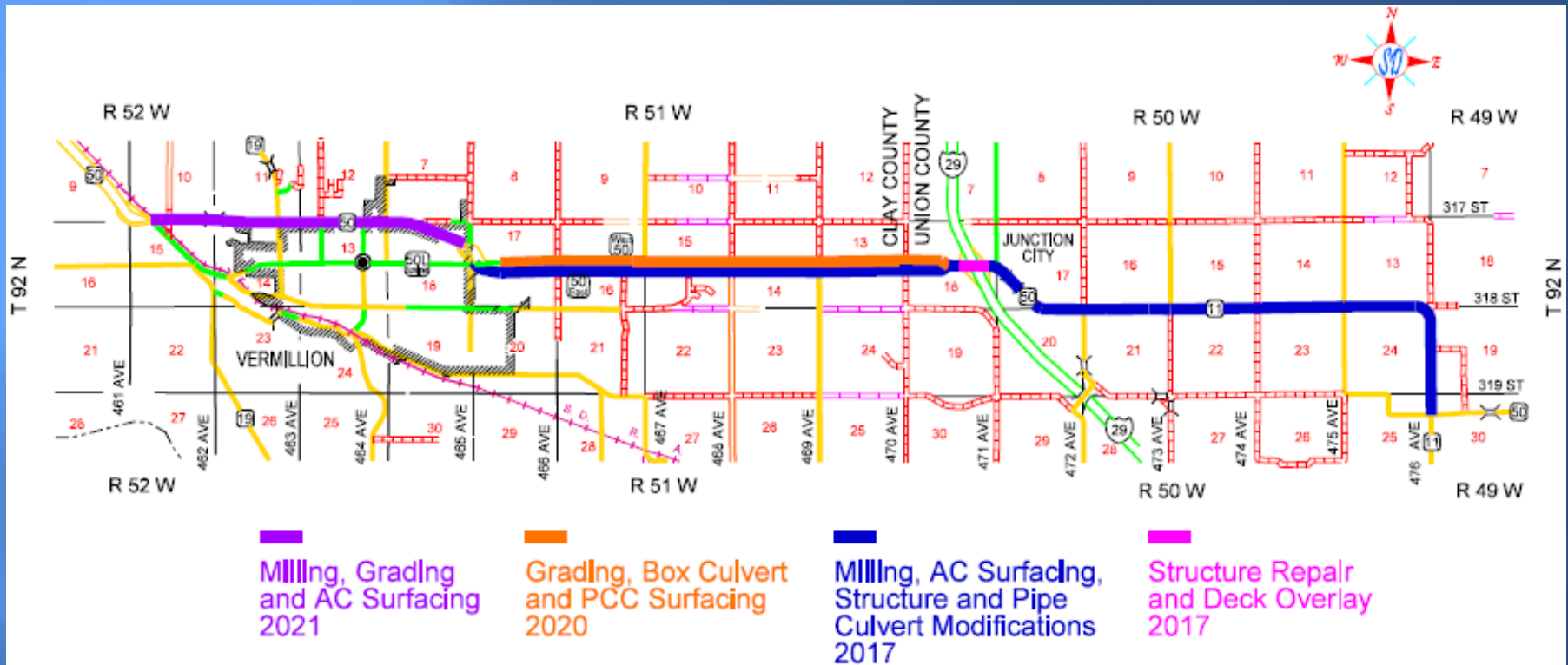
Tentative Project Schedule

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

Estimated Cost:	\$6.7 million
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Projects in the Area



Questions or Comments

Please Submit Questions or Comments by
August 11, 2017 to:

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

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



Public Meeting Survey

- **How can we improve?**
- **Please fill out survey and turn in tonight.**
- **You can also complete it online at the site identified on the first page of the survey.**