

Public Meeting

SD Highway 42

**From East of Big Sioux River to Iowa
Minnehaha County**

NH-P 0042(59)373 PCN 03TE

Craig Smith

Mitchell Region Engineer

March 26, 2019



Purpose of the Meeting

- **Involve the public in the planning and design process**
- **Provide an Overview of Project**
 - Background Information
 - Proposed Project
 - Project Schedule
- **Gather Input and Comments**

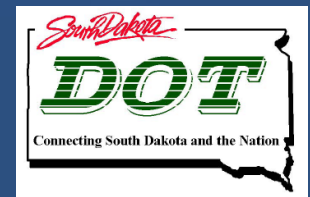


Project Limits



Background Information

- Grading & Structures in 1939
- Resurfaced in 2000



Highway Deficiencies

- Surfacing Age
- Intersection Alignment
- Capacity
- Crash Rate



Traffic

- **2017 Average Daily Traffic (ADT) = 4983**
- **2042 Projected ADT = 8221**
- **11.5% Average Truck Traffic**



Crash History

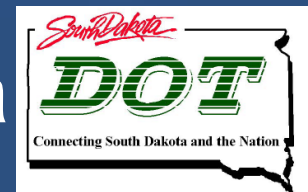
- **5 Year period from 2013 to 2017**
 - 54 Reported Crashes
 - 16 Animal hit
 - 12 Rear end
 - 8 Angle intersection
 - 7 Fixed object off road
 - 2 Sideswipe overtake
 - 2 Sideswipe opposite direction
 - 1 Head on
 - 6 other
 - 17 Injury crashes (30 total injuries)
 - 2 Fatal crashes (2 total fatalities)
 - Reported crash rate = 2.26

- **Rural Principal Arterial**
 - Statewide weighted crash rate = 1.74
crashes per million vehicle miles of travel

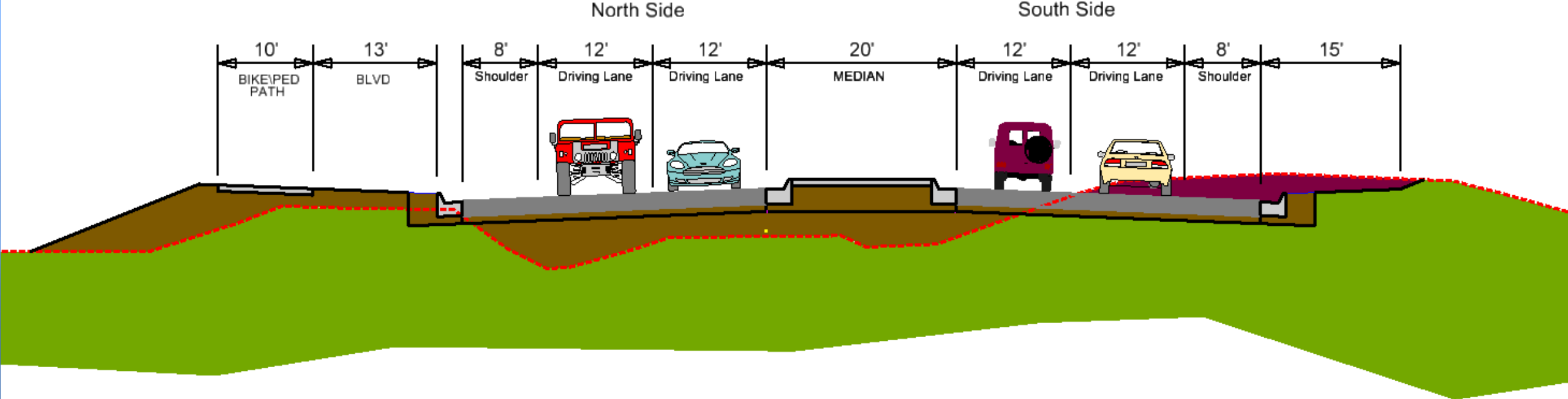


Proposed Improvements

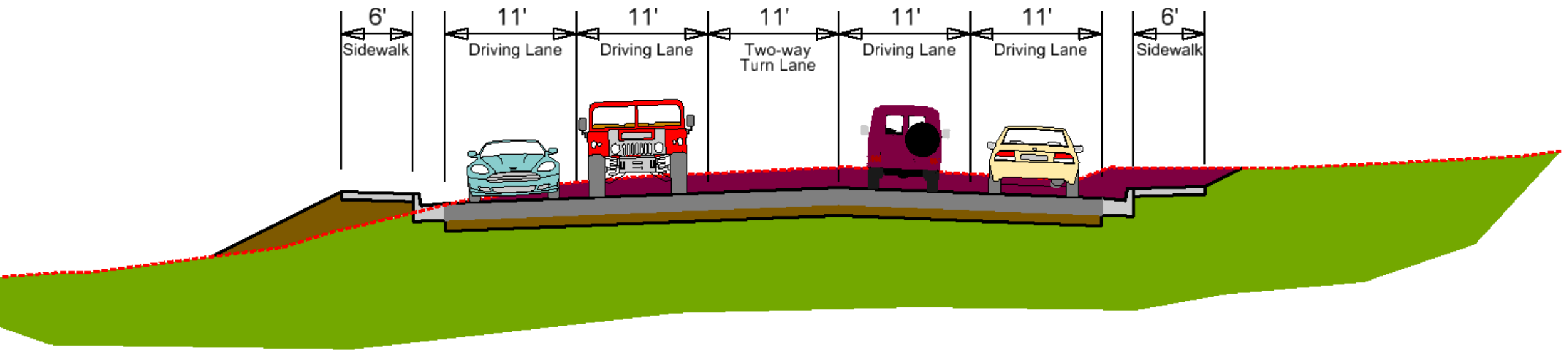
- Construct 4 lanes for capacity and safety
- 5 lanes through Rowena
- 1/4 mile full access from SD11 to 482nd
- 1/2 mile full access from 482nd to Iowa
- Curb and gutter west of Rowena and in Rowena
- Replace culverts
- Bike/pedestrian path to Rowena
- Light all intersections and in Rowena



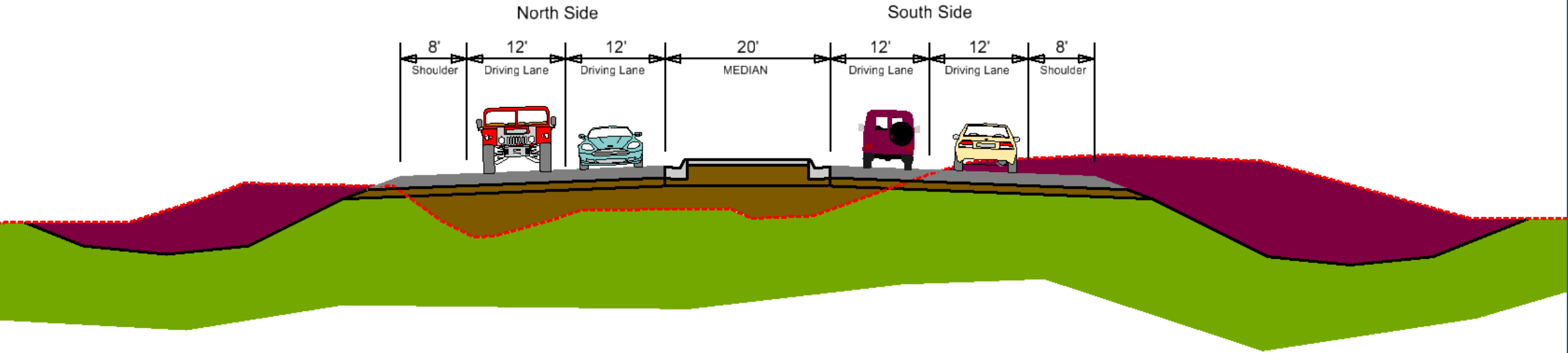
TYPICAL GRADING SECTION (West of Rowena)



TYPICAL GRADING SECTION (in Rowena)



TYPICAL GRADING SECTION (East of Rowena)



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 - 100 feet for 200 feet total
- Temporary Easements as needed for construction

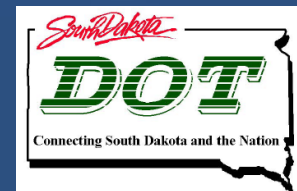
See Handout



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 Sioux Falls Area Office**

See Handout



Utility Coordination

- **Some Utilities may need to be relocated**
- **Utility Companies may negotiate easements with landowners as needed**

East River Electric

Sioux Valley Energy

Xcel Energy

Lyon Rural Electric

Alliance Communications

CenturyLink

Minnehaha Community 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

- This project is being developed in accordance with applicable State and Federal environmental regulations.
- In accordance with the National Environmental Policy Act of 1969 (NEPA), as amended, coordination has been initiated with State & Federal resource agencies.

See Handout



Environmental, Social & Economic Concerns

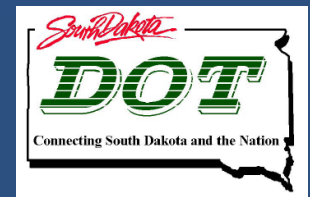
- A cultural resources survey will be conducted.
- The project is being reviewed to determine extent of wetland impacts.
- Endangered and Threatened Species:
 - Birds: Whooping Crane, Rufa Red Knot
 - Mammals: Northern Long-Eared Bat
 - Fish: Topeka Shiner
 - Plants: Western Prairie Fringed Orchid

See Handout

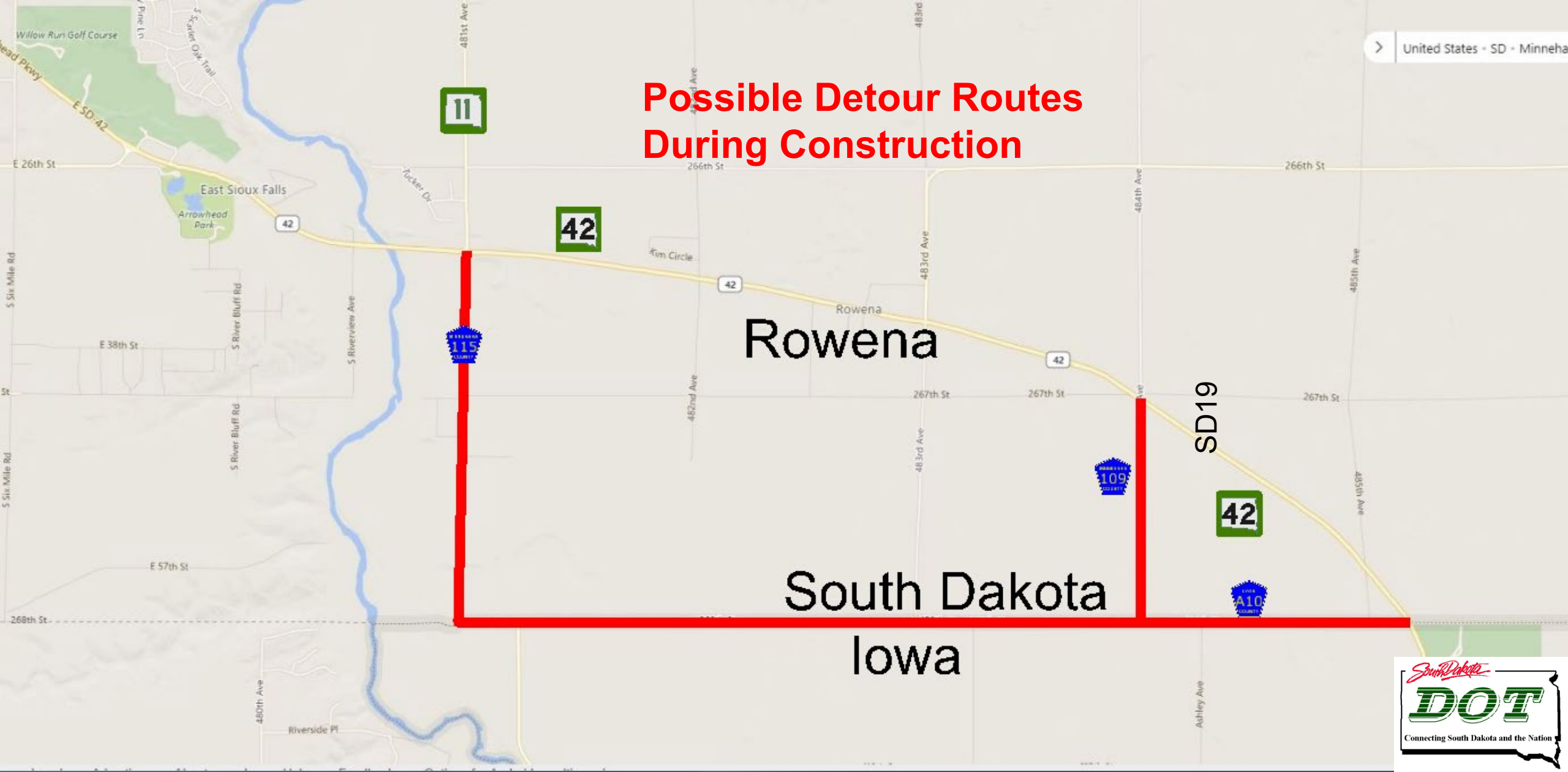


Construction Traffic Control

- **SD42 will likely be closed to through traffic during construction**
- **Through traffic will be detoured to alternate routes**
- **Local traffic and emergency vehicle access will be maintained at all times**



Construction Traffic Control



Landowner Meetings

➤ Summer 2019

- Affected Property Owners will be contacted by SDDOT to schedule appointment

➤ Held with individual landowners adjacent to the project

- Driveway location/width
- Fences
- Drainage
- Trees
- Temporary Easements or ROW acquisition

See Handout



Tentative Project Schedule

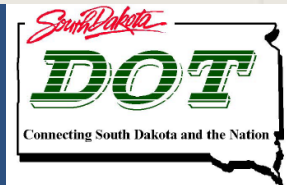
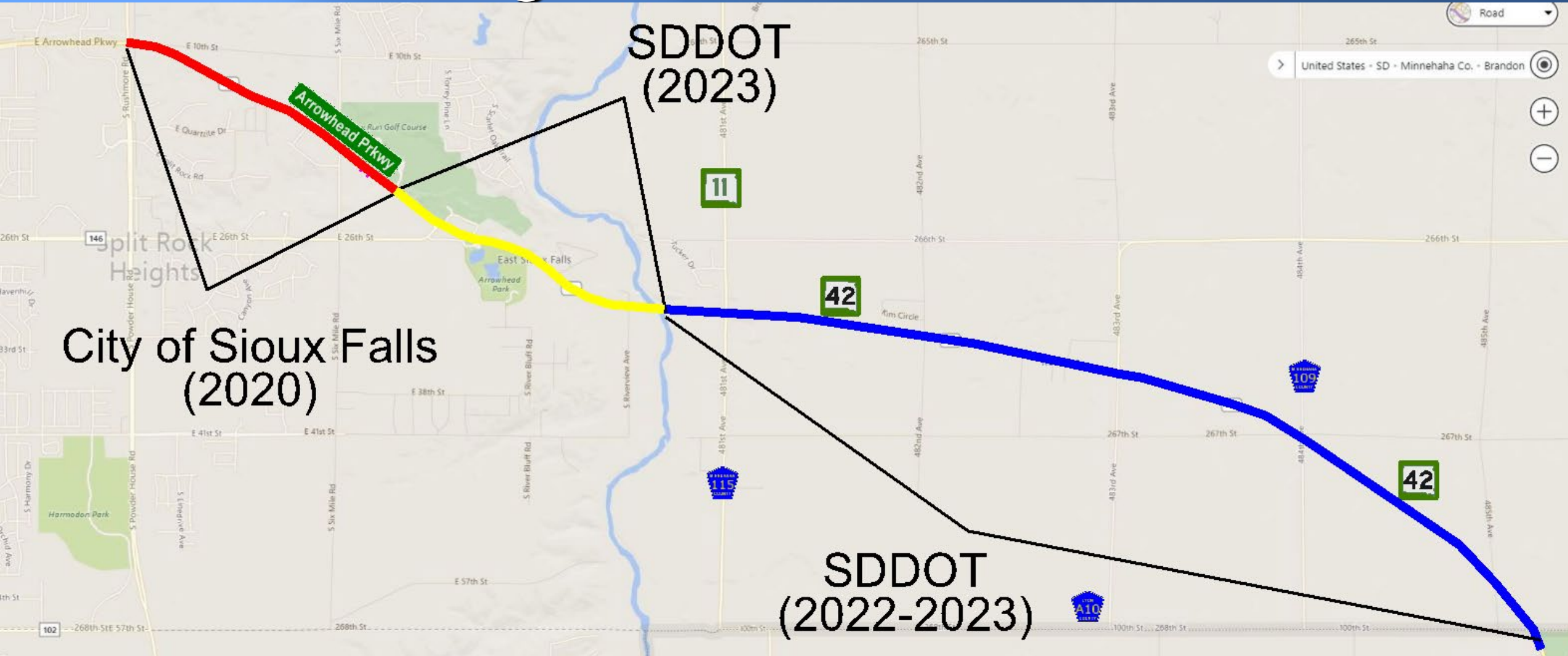
Dependent on Federal Funding

Landowner Meetings	Summer 2019
Final Design	2019-2020
ROW Acquisition Process	2020-2021
Construction	2022-2023

Estimated Cost:	\$26.8 million
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Projects in the Area



Questions or Comments

Please Submit Questions or Comments by
April 9th, 2019 to:

Paul Nikolas

South Dakota Department of Transportation

5316 W 60th Street

Sioux Falls, SD 57107

Paul.Nikolas@state.sd.us

Public Meeting Information @

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

