

PUBLIC MEETING

Highway SD47 from SD20 to US12

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KLJ

10/22/18



ENGINEERING, REIMAGINED

WHY ARE WE HERE?

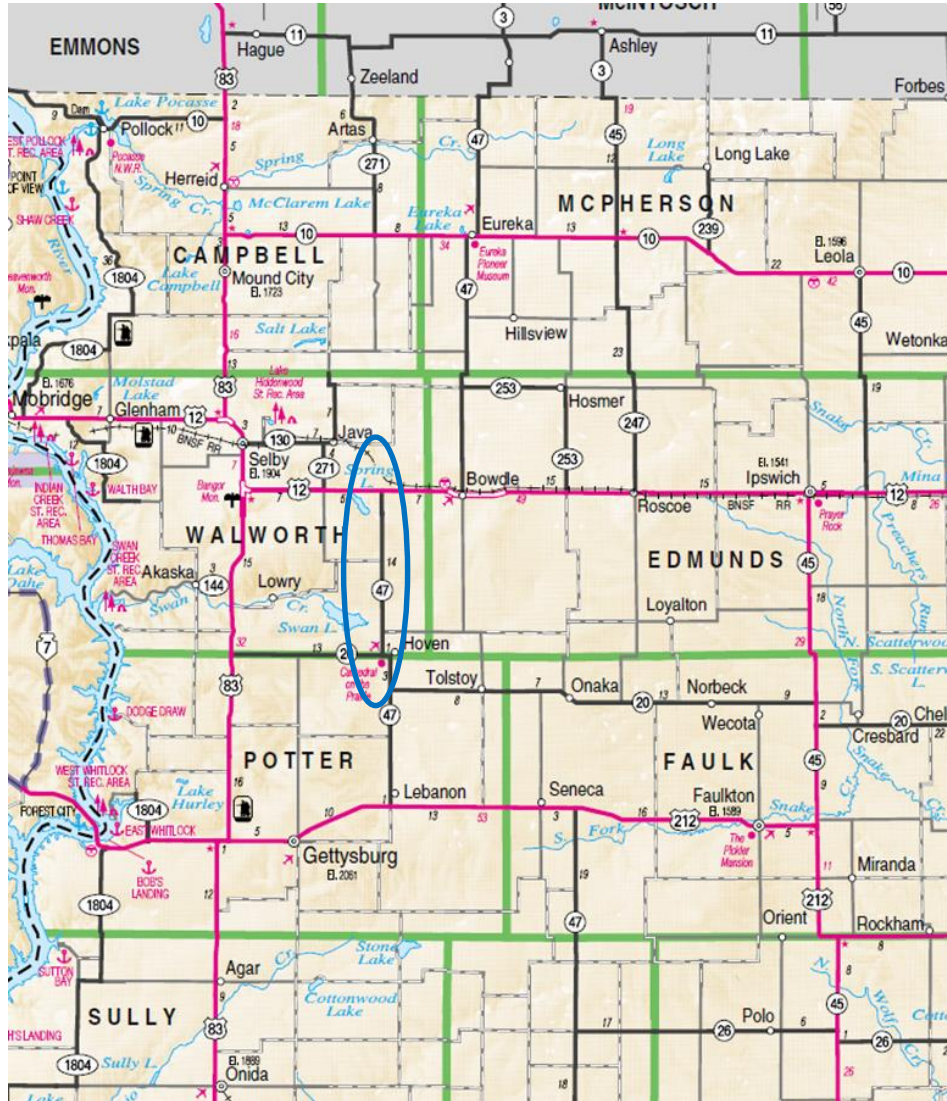
- Involve the public in the design process
- Provide a project overview
 - Background information
 - Proposed project
 - Proposed Schedule
- Gather Public Input and Comments

HOW IS THE PUBLIC INVOLVED?

➤ Phases

- Planning (Completed)
- Design (In-progress)
- Right-of-Way Acquisition (Future)
- Construction (Future)

PROJECT LOCATION



➤ SD 47 from SD20 to US12

BACKGROUND INFORMATION

- Grading in 1952 and 1953
- Resurfaced in 2004

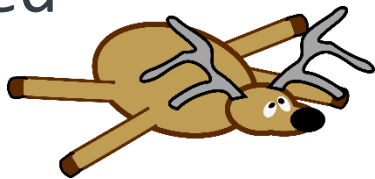


TRAFFIC

- The amount and type of traffic determines design
 - 2016 ADT SD47 = 417
 - 2036 (Projected) = 427
 - Truck Traffic = 23.3%

CRASHES FROM 2010 TO 2014

- SD47 Crash Rate = 0.79
 - State average = 1.56 crashes per million vehicles miles of travel
- 0 Fatalities
- 1 Injury Crash
- 8 Total Crashes
 - 2 single vehicle left roadway
 - 6 were animal related

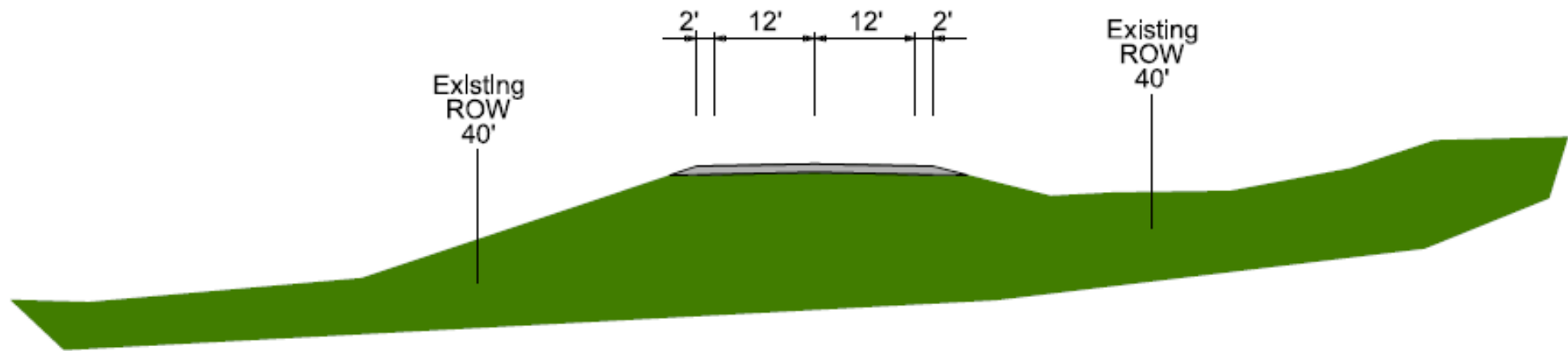


OPPORTUNITIES TO IMPROVE SAFETY

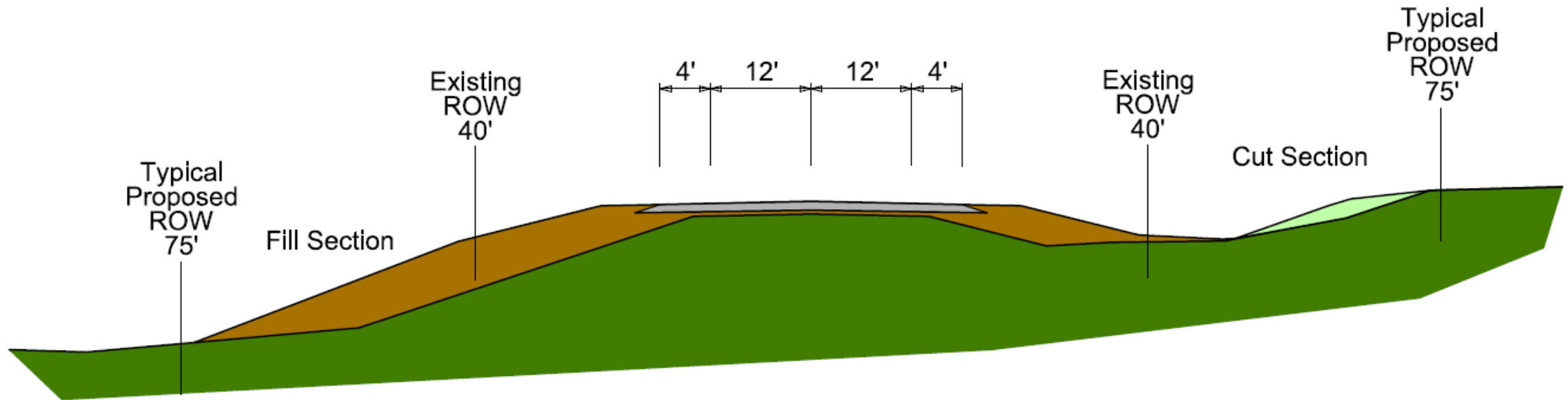
- Vertical curves
- Narrow shoulders
- Structures and guardrail
- Access Management



EXISTING ROADWAY



PROPOSED ROADWAY



PROPOSED IMPROVEMENTS

- Full reconstruction
- Replace pipe culverts, box culverts, cattle pass, and bridges
- Widen Shoulders
- Remove NB right turn lane at US12
- Year 1 Interim Asphalt Surface Treatment
- Year 2 Final Surfacing

ACCESS MANAGEMENT (ENTRANCES)

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



ENCROACHMENTS

- What are they?
 - Signs
 - Private use (hay bales, farming, fences)
 - Landscaping
- Regulations & safety
- Owners will be notified

PUBLIC UTILITIES

- Some utilities may need to be relocated
- Owners may be contacted by utility company



PRIVATE UTILITIES?

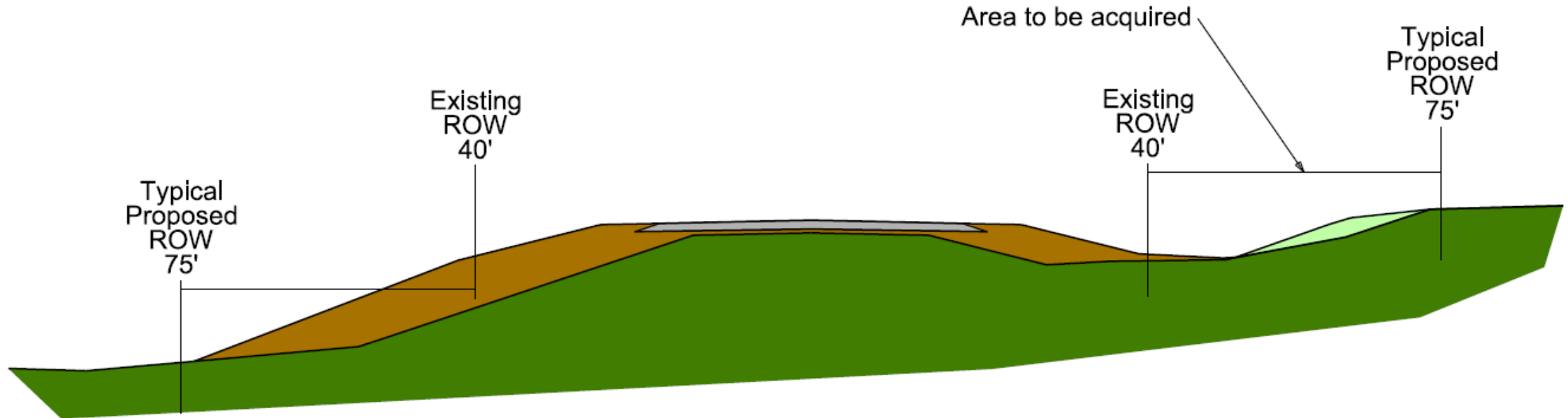
- Any known private utilities?
 - Drain tile
 - Water lines
 - Underground sewer/power/septic
- Contact Bronson Blow at SDDOT Office of Road Design

LANDOWNER MEETINGS

- Landowners will be contacted in Spring of 2019 to schedule appointment
- Your opportunity to:
 - Learn how your property may be affected by the project
 - Discuss special circumstances associated with your property
 - Provide input related to your property



RIGHT OF WAY ACQUISITION



ENVIRONMENTAL, SOCIAL, AND ECONOMIC CONCERNS

- NEPA (National Environmental Policy Act of 1969)
 - Social
 - Economic
 - Environmental concerns
 - Public involvement
- Federal funding mandates compliance
- See handout for more information

ENVIRONMENTAL, SOCIAL, AND ECONOMIC CONCERNS

➤ Wetlands

- Federal regulations
- Wetland impact determination
- Wetland mitigation program
- If you have an area that has been drained, disturbed, or is difficult to farm due to water, contact us!! Our specialists can take a look at the area and let you know your options
 - Interested? Contact Kevin Cummings at KLJ at 701-271-4856



ENVIRONMENTAL, SOCIAL, AND ECONOMIC CONCERNS

- Section 4(f) Property
 - Historic sites
 - Parks and recreation
 - Wildlife refuges
- Section 106
 - Historic & archaeological properties
- Cultural survey will be completed
- Contaminated materials
 - None identified to date
- Any Known Locations?

ENVIRONMENTAL, SOCIAL, AND ECONOMIC CONCERNS

- Threatened and endangered species
 - Mammals
 - Birds
 - Invertebrate
 - Fish
- Efforts to avoid adverse impacts

WHERE WILL TRAFFIC GO DURING CONSTRUCTION?

- Road will be closed
- Local traffic and emergency vehicle access maintained at all times
- Traffic detoured to state highways



TENTATIVE PROJECT SCHEDULE

- Landowner meetings April 2019
- Wetland Site Approval October 2019
- Complete design October 2019
- ROW acquisition 2020-2021
- Construction 2023
- Construction final surfacing 2024
- Estimated cost of construction \$23 Million
- Estimated cost of final surfacing \$3.2 Million



What's
Next?

QUESTIONS OR COMMENTS

➤ Please Submit Questions or Comments by November 21, 2018 to:

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

