PUBLIC MEETING

Highway SD47 from SD20 to US12

Steve Grabill
KLJ
10/22/18
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
Grading in 1952 and 1953
Resurfaced in 2004
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
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
Some utilities may need to be relocated

Owners may be contacted by utility company
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

- Typical Proposed ROW 75'
- Existing ROW 40'
- Area to be acquired
- Typical Proposed ROW 75'
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
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?
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
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
Please Submit Questions or Comments by November 21, 2018 to:

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