

## Public Meeting

Bon Homme County

**SD Highway 37**  
From Springfield to  
SD Hwy 50  
PH 0037(139)11  
PCN 04HJ

**SD Highway 52**  
From SD Hwy. 37 to  
SD Hwy 50  
PH 0052(05)315  
PCN 04HK

Lucas A. Johnson, PE  
Johnson Engineering Company  
January 14, 2016

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## 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

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## Project Limits/Location



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## Background Information

- SD Highway 37
  - Grading in 1942
  - Resurfaced in 2004
  - Rumble strips in 2010
- SD Highway 52
  - Resurfaced in 1999
  - Structure replacements in 2005
  - Pipe replacements 2009

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## Traffic

- 2015 Average Daily Traffic (ADT)
  - SD Hwy 37 = 1670
  - SD Hwy 52 = 876
- 2039 Projected ADT
  - SD Hwy 37 = 2254
  - SD Hwy 52 = 1182
- Average Truck Traffic
  - SD Hwy 37 = 10.9% (182)
  - SD Hwy 52 = 14.3% (125)

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## Crash History – 2010 to 2012

### SD HWY 37

**Weighted Accident Rate = 1.38**  
Statewide Average for Rural Major Arterial = 2.08  
(crashes per million vehicle miles of travel)

#### Accident Types

- 11 Animal collisions
- 2 Left roadway – hit object off road or rollover
- 2 Rollovers in the ditch
- 1 Medical related
- 1 Trailer turned over due to wind
- 1 Weather related

**0 Fatalities**

**4 Injuries**

### SD HWY 52

**Weighted Accident Rate = 3.14**  
Statewide Average for Rural Major Collector = 2.70  
(crashes per million vehicle miles of travel)

#### Accident Types

- 19 Animal Collisions
- 5 Rollovers in the ditch
- 4 Hit object off road
- 1 Weather related

**0 Fatalities**

**4 Injuries**

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## Highway Deficiencies

- Vertical Curves on SD Hwy 52 have insufficient sight distance
- Narrow Roadway and Shoulders (24' SD Hwy 37 & 22' SD Hwy 52)
- Steep inslopes
- Surfacing
- Structures

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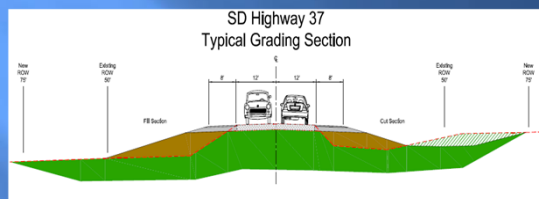
## Proposed Improvements

- Widen Roadways – 6 or 8 foot Shoulders and flattened inslopes
- Re-grade of vertical curves on SD Hwy 52 due to lack of sight distance
- Replace or Extend Culverts
- Replace fence
- Left turn lane added for southbound SD Hwy 37 traffic turning onto eastbound SD Hwy 52

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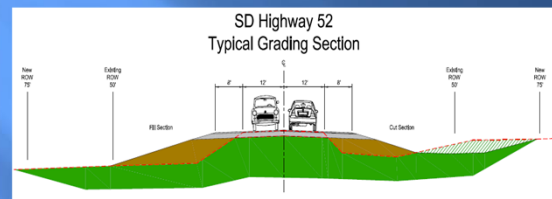
## Proposed Typical Section



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## Proposed Typical Section



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## Access Management

- To provide safe, efficient access to streets and highways
- Limit number of direct accesses to major roadways
- Provide adequate spacing between driveways and cross roads

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## Right of Way (ROW)

- Existing Width
  - SD Hwy 37 - 100 ft.
  - SD Hwy 52 – Typically 99 ft.
- Purchase additional ROW
  - 150 ft. is desired width – may be restricted in some locations
  - Will accommodate 6 ft. or 8 ft. of finished shoulder and standard ditch section
- Temporary Easements as needed for construction

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## 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**

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## Utility Coordination

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

Western Area Power Administration	Century Link
Northwestern Energy	
Southeastern Electric (WOW)	Wide Open West
Golden West Communications	Midcontinent
Communications	B-Y Rural Water

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## Utility Coordination

- **Any Known Private Utilities?**
  - Waterlines
  - Drainfields
  - Septic Tanks
  - Underground Storage Tanks
  - Underground Power Lines
- **Contact SDDOT**

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## 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.

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## 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. **The State Historic Preservation Office (SHPO) has concurred in a Section 106 determination of No Historic Properties Affected for this project.**

### Wetlands

Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. **Wetlands may be impacted by these projects.** If you are interested in creating or restoring wetlands on your property, please complete the Wetland Mitigation Registry Form in the handouts.

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## 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 Bon Homme County:

- Birds: Whooping Crane, Rufa Red Knot
- Mammals: Northern Long-eared Bat
- Fish: Topeka Shiners
- Plants: Western Prairie-Fringed Orchid

**Awaiting a final determination but at this time no impacts are anticipated to these species by the project.**

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## Construction Traffic Control



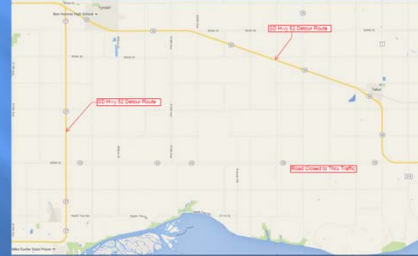
- During shoulder widening on SD 37, the road will remain open at all times. Traffic will be controlled with signs, flagger and a pilot car through the work zone area.
- During the regrade on SD 52, the road will be closed to thru traffic. Detour routes will be on SD Hwy 50 and Hwy 37.
- Surfacing projects will require flaggers/pilot cars
- Local traffic and emergency vehicle access will be maintained at all times

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## Construction Traffic Control

- Detour routes for SD Hwy 52 traffic during construction



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## Landowner Meetings

- **Summer 2016**
  - Will be contacted by SDDOT to schedule appointment
- **Held with individual landowners adjacent to the project**
  - Driveway location / widths
  - Fence
  - Drainage
  - Trees
  - Temporary Easements or ROW acquisition

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## Tentative Project Schedule

Dependent on Federal Funding

Landowner Meetings	Spring 2016
Final Design	2016
ROW Acquisition Process	2017
Construction	2019 & 2020
Estimated Cost:	\$19.8 million

Final Surfacing is planned for 2021

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## Questions or Comments

Please Submit Questions or Comments by  
**January 28, 2016** to:

Neil Schochenmaier  
South Dakota Department of Transportation  
700 East Broadway Avenue  
Pierre, SD 57501

[Neil.Schochenmaier@state.sd.us](mailto:Neil.Schochenmaier@state.sd.us)

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



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