

Public Meeting

P 016A(11)56 PCN 05V8

US 16A in Keystone

P 0040(330)32 PCN 0637

SD 40 in Keystone

Neil Schochenmaier, PE
Design Project Manager

March 3, 2022



Purpose of the Meeting

**Involve the public
in the planning
and design process**

**Provide a Project
Overview**

**Gather Input and
Comments**

- **Background Information**
- **Proposed Project**
- **Project Schedule**

Project Limits



Background Information



Bridge Constructed in 1968

US16A/SD40 Intersection Constructed in 1969

SD40 Constructed in 1975

Bridge Widening in 1977



Traffic US16A

2020 Average Daily Traffic (ADT) = 3,244

2049 Projected ADT = 5,109

3.0% Average Truck Traffic

Traffic SD40

2020 Average Daily Traffic (ADT) = 1,061

2049 Projected ADT = 1,671

3.2% Average Truck Traffic

Crash History for Intersection

3 Reported Crashes

- 2 Rear End Crashes
- 1 angle

0 Fatalities

**5 Year Period
from 2016 to
2020**

- Expected Crash Rate = 4.39 (crashes per million vehicles entering)
- Reported Crash Rate = 0.25

**Urban Principal
Arterial**

Why We Are Reconstructing

Bridge Condition

Lack of Pedestrian Facilities

Improve Safety

Proposed Improvements to US16A

Replace Bridge with Box Culvert

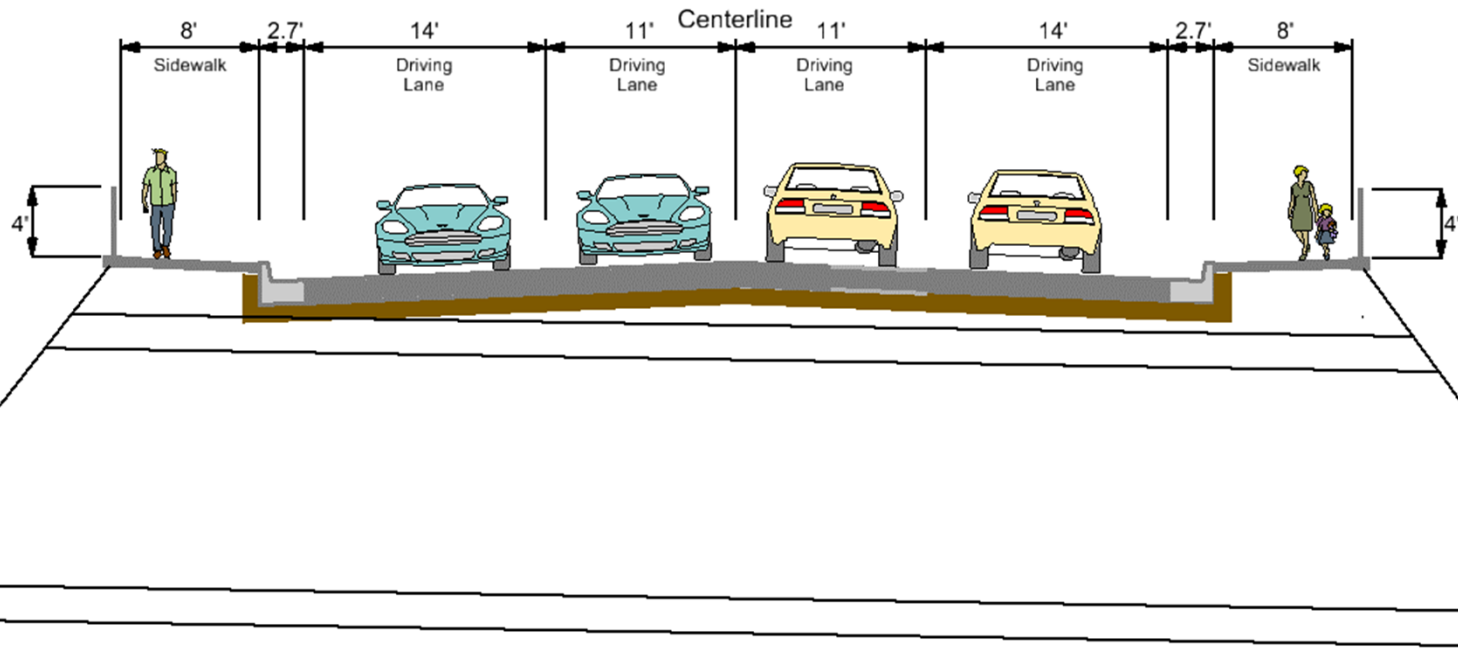
New Traffic Signals with Pedestrian Push Buttons

ADA Curb Ramps

Add Sidewalk on East Side

Proposed Typical Section

4 Lane US16A at Box Culvert



Sidewalk Railing with Chain link Fence at Box Culvert



Construction May Impact Public Restroom



Proposed Improvements to SD40

Sidewalk on North Side

Replace Roadway Lighting

ADA Curb Ramps

Proposed Pedestrian Facilities



Roadway Lighting

Replace Existing
Lighting
LED



Traffic Signals



Replace Traffic Signal at SD40 & US16A Intersection



Access Management

Manage location and number of access points

Provide safe,
efficient access to
streets and
highways

Relocating,
combining and
eliminating access
points

See Handout

Right of Way (ROW) US16A

Existing Width varies 78 - 181 feet

Purchase additional ROW as needed

Temporary Easements as needed for construction

See Handout

Right of Way (ROW) SD40

Existing Width varies 55 - 65 feet along the highway

Purchase additional ROW as needed

Temporary Easements as needed for construction

See Handout

Encroachments

**Private
Property in
Public ROW**

**Federal Highway Regulations for
Safety**

Examples

- **Signs**
- **Private Use (Parking)**
- **Landscaping Items**

Notification

**Owners of Encroachments will be
notified by the Custer Area Office**

See Handout

Utility Coordination

Some Utilities
may need to be
relocated

Utility Companies
negotiate
easements with
landowners

Black Hills Power
Mt. Rushmore Telephone
Century Link
City of Keystone

See Handout

Environmental, Social and Economic Concerns

This project is being developed in accordance with applicable State and Federal environmental regulations.

- **National Environmental Policy Act of 1969 (NEPA), as amended.**
- **Section 106 of the National Historic Preservation Act (No historic or archaeological sites will be impacted by the project)**

See Handout

Environmental, Social and Economic Concerns

- **Section 404 of the Clean Water Act** (Streambed and wetland impacts are anticipated in the area of the box culvert)
- **Section 4(f) of the USDOT Transportation Act of 1966**

See Handout

Environmental, Social and Economic Concerns

• Section 7 of the Endangered Species Act

The U.S. Fish and Wildlife Service will review the project to determine if it will impact the following species that are known to occur in Pennington County:

- **Birds:** Red Knot, Whooping Crane.
- **Mammals:** Northern Long-eared Bat

No impacts are anticipated to these species by the project.

See Handout

Construction Traffic Control

1 Year Project

**Open to Traffic
Phased Construction**

Landowner Meetings

Landowners adjacent to the project will be contacted individually by SDDOT to schedule a meeting

Discussion Items:

- Driveway locations/widths
- Sidewalk and Curb Ramps
- Drainage
- Temporary Easements and ROW acquisition

See Handout

Tentative Project Schedule

Dependent on Federal Funding

Spring 2022
Landowner
Meetings

**Summer
2022**
Final Design

2023
ROW
Acquisition

**Fall 2024-
Spring 2025**
Construction

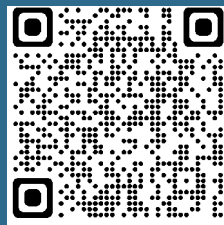
Estimated Cost: \$2.939 million

Public Input

Submit Questions and/or Comments:

by:

March 18, 2022



to:

Neil Schochenmaier
SD DOT
700 E Broadway Ave
Pierre, SD 57501

Neil.Schochenmaier@state.sd.us

Public Meeting Information can be found at:
https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_1736



Public Input

Please Submit Questions or Comments by

March 18, 2022, to:

Neil Schochenmaier

South Dakota Department of Transportation

700 East Broadway Avenue

Pierre, SD 57501

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