



**DEPARTMENT OF
TRANSPORTATION**

Public Information

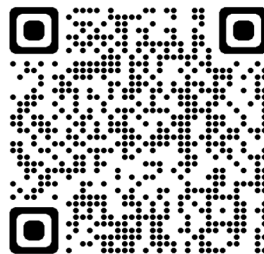
NH 0044(203)39, Pennington County, PCN 05Q8

**SD44 Bridge - in Rapid City, SD
Structure # 52-371-320**

**Reconstruction of S.D. Highway 44 Bridge & Approach
Grading**

Public Meeting Information @

https://dot.sd.gov/projects-studies/projects/public-meetings#listItemLink_1822



The South Dakota Department of Transportation provides services without regard to race, color, gender, religion, national origin, age or disability, according to the provisions contained in SDCL 20-13, Title VI of the Civil Rights Act of 1964, the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990 and Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, 1994.


Any person who has questions concerning this policy or who believes they have been discriminated against should contact the Department's Civil Rights Office at 605-773-3540.

Public Meeting

NH 0044(203)39 PCN 05Q8
S.D. Highway 44 in Rapid City
Structure Replacement & Approach Grading

Richard Sudmeier, PE
Design Project Manager


October 25, 2022



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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





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Background Information





- Structure Built in 1965
- Improvements made to Bridge Barrie in 2000



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Traffic

- 2020 Average Daily Traffic (ADT) = 4,816
- 2044 Projected ADT = 9,350
- 3.7% Average Truck Traffic


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Crash History

- 1 Reported Crashes
 - 1 Struck Bridge
 - 0 Fatalities
- Reported Crash Rate = 0.43
- Statewide Weighted Crash Rate = 1.92 (crashes per million vehicle miles of travel)

5 Year Period from 2014 to 2018

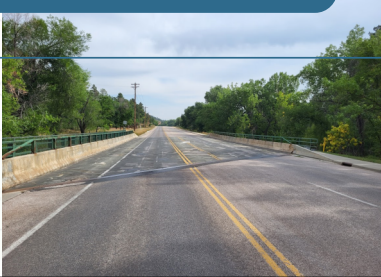
Urban Principal Arterial



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Why We Are Reconstructing

Structure nearing the end of its useful life, and is more economical to replace than rehabilitate



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Proposed Improvements

Replace Structure

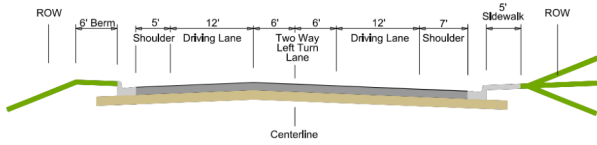
Maintain Current Highway Width

Add Sidewalks to Access Cliffside Park



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Proposed Typical Section



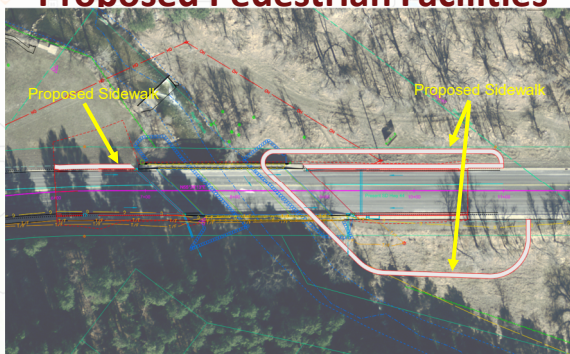
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Proposed Pedestrian Facilities



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Proposed Pedestrian Facilities



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Right of Way (ROW)

Existing Width is 100 feet

Purchase additional ROW as needed

Temporary Easements as needed for construction

See Handout



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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 Rapid City Area Office

See Handout

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Utility Coordination

Some Utilities may need to be relocated

Utility Companies negotiate easements with landowners

Montana Dakota Utilities

Black Hills Energy

Lumen/Century Link

City of Rapid City

SDN Communications

See Handout

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Utility Coordination

Any Known Private Utilities?

Contact SD DOT

Water Lines

Sanitary Sewer Lines

Septic Tanks

Underground Storage Tanks

Underground Power Lines

See Handout

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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

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Environmental, Social and Economic Concerns

- Section 404 of the Clean Water Act
- Section 4(f) of the USDOT Transportation Act of 1966 (The Adjacent City Park is a Section 4(f) resource. No permanent impact to the Park is anticipated)

See Handout

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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
- Mammals: Northern Long-Eared Bat
- Butterflies: Monarch Butterfly

No impacts are anticipated to these species by the project.

See Handout

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Construction Traffic Control

Phased Construction
Construct a portion of the bridge and roadway

Traffic will be diverted to the portion not under construction

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Landowner Meetings

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

Discussion Items:

- Driveway locations/widths
- Drainage
- Trees
- Temporary Easements or ROW acquisition

See Handout

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Tentative Project Schedule

Dependent on Federal Funding

January 2023 Landowner Meetings	Spring 2023 Final Design	2023 to 2024 ROW Acquisition	2026 Construction
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Estimated Cost: \$5.5 million

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Public Input

Submit Questions and/or Comments:

by: **November 14, 2022**

to:

Richard Sudmeier
FMG Engineering
3700 Sturgis Road
Rapid City, SD 57702
rsudmeier@fmgenengineering.com

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

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Public Input

Please Submit Questions or Comments by **November 14, 2022** to:

Richard Sudmeier
FMG Engineering
3700 Sturgis Rd. Rapid City, SD 57702
rsudmeier@fmgenengineering.com

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DEPARTMENT OF TRANSPORTATION

Access Management

South Dakota's Commitment to Safety and Smart
Investment Decisions in Transportation

What is Access Management?

Access Management is the process of providing highway entrances only at locations where they can be provided safely and efficiently.

Consider that each access point added to an undivided highway in an urban or suburban area increases the annual crash rate by 11 to 18 percent on that highway segment. In rural areas, each added access point increases the annual crash rate by 7 percent. Overall, driveway-access crashes alone cost South Dakota approximately \$36.5 million each year.

Each additional access point also contributes to congestion. The more driveways on a street the more places where people are slowing, changing lanes and turning. A five-lane street can quickly become a parking lot when there are many driveways in each block. When that happens, our valuable transportation investments are wasted and access to adjacent businesses is restricted.

Controlled access facilities are segments of highway where either no access or only limited access to the highway is allowed. Interstate highways are an example of controlled access facilities where no access to the highway is allowed.

Good access depends on the following:

- Limiting the number of conflict points (places where there is a potential for crashes)
- Separating conflict areas
- Reducing interference with through traffic
- Providing good on-site circulation and storage
- Properly spaced traffic signals

How does Access Management affect businesses?

Studies have shown that access management can provide three benefits to businesses adjacent to highways:

- Making sure that drivers can get in and out of businesses without being blocked by other traffic
- Making the highway more attractive by reducing congestion
- Extending the business' effective service area by reducing travel times

These benefits come not from having many driveways, but by having well-planned, well-located, high-capacity access points on the highway.

Even skeptical business owners have found that proper access management results in an improved business climate, as customers can easily get in and out of their business establishment.

For more information, please contact:

Tom Horan - Access Management Engineer
2300 Eglin Street
Rapid City, South Dakota 57702
Phone: (605) 394-2248
E-Mail: tom.horan@state.sd.us



DEPARTMENT OF TRANSPORTATION

Right of Way Information

Individual Landowner Meetings

During the early stages of the project's design, SDDOT will schedule a meeting with individual landowners having property adjacent to the project. See the following page for an explanation of the landowner meeting.

Property Acquisition Offer

After the project construction plans have been prepared and the right of way limits have been established, you may be contacted by an appraiser or negotiations agent to visit with you for that portion of your property that is needed for construction of the project. Your property will be valued, and a written offer presented to you by a negotiating agent who will contact you for an appointment to make the written offer.

Relocation Assistance Program

This program provides a variety of services and payments to owners and tenants who have personal property affected by the right of way being acquired for the project.

Relocation payments are in addition to payments made for the real property being acquired. To preserve your eligibility for payments, do not move property until you have received a written relocation offer or have contacted John Keyes of the SDDOT Right of Way Program in Pierre. His phone number is 605-773-3746. Anyone not satisfied with the relocation offer made to them may appeal using the procedures described in the Relocation Brochure.

The landowner may be reimbursed for various fair and reasonable incidental expenses that may be incurred during the transfer of property to the State depending on impacts to personal property and qualifications.

Right of Way Information Brochures

Two brochures "Better Roads Brochure" and "Relocation Assistance Brochure" have been prepared which explain the SDDOT's Right of Way process. They provide information on your rights regarding the acquisition of your property and the benefits available to you with regard to the Relocation Assistance Program. These brochures are available at this meeting on the "Sign-in" table. Please feel free to take a copy of each with you. These brochures are available at the following SDDOT website: <https://dot.sd.gov/inside-sddot/forms-publications/brochures>



DEPARTMENT OF TRANSPORTATION

Individual Landowner Meetings

The purpose of this meeting is to provide you with an opportunity to comment on various issues pertaining to the design of this highway project as it relates to your property.

The following topics will be discussed at the meetings. Please note that not all topics will apply to every property owner.

- Permanent purchase and/or temporary use of your property.
- Locations and widths of entrances to your property: The standard South Dakota Department of Transportation (SDDOT) entrance-width for rural highways is 24 feet. Note: In general, existing entrance widths along rural State Highways are 24 feet or smaller. A maximum width of 40 feet is allowed at locations where it is deemed appropriate and necessary. Entrances in urban areas can vary from 16 feet to 40 feet.

The goal of the SDDOT is to provide property owners located adjacent to the project with the access they need, and at the same time, enhance highway safety and reduce project costs. In some instances, the SDDOT may seek to combine duplicate entrances. For example, if your property has two or three entrances to the same property that are located close to each other, we would ask you to assess your current entrance needs and consider one entrance location that will meet those needs.

- Permanent fencing adjacent to the highway: SDDOT's fencing policy allows for the replacement of all disturbed fence with like-kind fence.

Two fence types are typically installed: **Type 2:** 4-strand barbed wire with 8-inch wire spacing, and **Type 6:** 32-inch woven wire with 1 strand of barbed wire on the bottom and 2 strands of barbed wire on the top. Page 12 of the "Better Roads Brochure" contains added discussion of your permanent fencing options. This brochure will be available at the meeting.

- Temporary fencing adjacent to the highway: Do you anticipate having livestock in pastures located adjacent to the proposed project during highway construction activities?
- Are you aware of any waterlines, drainfields, septic tanks, underground storage tanks, underground power lines, etc. that are located adjacent to the project and may be impacted by construction activities?
- Are there any highway-related drainage or flooding problems located along your property or elsewhere along this section of highway?
- Possible sites for gravel and additional fill material: Are you aware of potential material available for construction that might be located adjacent to the highway?
- Temporary access during construction activities.

Please review your property and be prepared to discuss the above issues, as well as any other issues that you feel are unique to your property. No offers to acquire property will be made at these meetings since revisions to the plans may occur from your input.



DEPARTMENT OF TRANSPORTATION

Encroachments in ROW

Federal Regulations (CFR 23.1) require that the State Highway Department (SDDOT) will be responsible for preserving such ROW free of all public and private installation, facilities, and encroachments.

No improvements shall be allowed to remain in the ROW unless they are deemed in the best interest of the public and will not impair the highway or interfere with the free and safe flow of traffic.

Encroachments are any private property or improvement in the public ROW that is not approved by permit such as:

- Landscaping Items
- Fence
- Signs
- Buildings
- Etc.

SDDOT Staff will survey the project limits to identify all encroachments. Prior to the project being let to contract, landowners will be contacted by the SDDOT or City Government regarding how each encroachment will be addressed or handled. If it is determined that the removal of an encroachment is required, it will be the landowner's responsibility to remove the encroachment.

For additional information, please contact:

Mike Carlson
Rapid City Area Engineer
2300 Eglin Street
Rapid City, South Dakota 57702
Phone: (C) 605-394-2248 (O) 605-394-2244
E-Mail: Mike.carlson@state.sd.us



DEPARTMENT OF TRANSPORTATION

Environmental, Social & Economic Impacts and Advanced Utility Coordination

Environmental, Social & Economic Impacts

- Project will comply with all state and federal environmental regulations.
- No splitting of neighborhoods will occur because of this project.
- Project will be coordinated with the following state and federal agencies:
 - SD Dept. of Environment & Natural Resources
 - SD Dept. of Game, Fish & Parks
 - US Fish & Wildlife Service
 - State Historic Preservation Office
 - US Forest Service
- For additional information, please contact:

Joanne Hight
Environmental Engineer Manager
SDDOT Office of Administration
700 E. Broadway Ave.
Pierre, SD 57501
Phone: 605-773-3721
E-Mail: Joanne.Hight@state.sd.us

Advanced Utility Coordination

- Highway projects may require adjustments or relocation of existing utilities located along or crossing the highway project. The SDDOT has an "Advanced Utility Coordinating Process" in place that addresses all existing utility involvement. This process involves meeting with the utility owner and project designers to **review** any conflicts and determine the most cost-effective option of changing the design to avoid the existing utility or adjusting the utility. If the utility is required to relocate, all replacement utility easement acquisition and relocation work will be addressed and coordinated between the landowner and the utility company.
- For additional information, please contact:

Bronson Blow
Utility Coordinator
SDDOT Office of Road Design
700 E. Broadway Ave.
Pierre, SD 57501
Phone: 605-773-3433
E-Mail: Bronson.Blow@state.sd.us



DEPARTMENT OF TRANSPORTATION

Wetland Mitigation Registry Form

Federal regulations require that unavoidable wetland impacts caused by highway construction be mitigated. Examples of acceptable wetland mitigation include:

- Wetland creation
- Wetland restoration – plugging an existing, drained wetland
- Wetland enhancement - adding buffer around an existing wetland.

The South Dakota Department of Transportation (SDDOT) may participate in the cost of wetland creation/restoration/enhancement, if the wetland can be used to mitigate wetland impacts caused by highway construction.

If you are interested in creating, restoring, or enhancing wetlands on your property, please complete the attached form and mail to:

Joanne Hight
Environmental Engineer Manager
SDDOT Office of Administration
700 E. Broadway Ave.
Pierre, SD 57501

Your name will be added to the SDDOT Wetland Mitigation Registry and a SDDOT representative will contact you with additional information.

Yes, I am interested in assisting the SDDOT to mitigate wetland impacts by creating or restoring wetlands on my property.

Name: _____

Address: _____

Phone #: _____ **Email:** _____

Location of property: _____ **1/4 of Section** _____

Township _____, **Range** _____, **County** _____

Please note: Completion of this form does not commit either you or the SDDOT to a mitigation project. It is a statement of interest only.

