

SD EForm - 0929 V7 **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION**
APPLICATION FOR UTILITY PERMIT

DOT-200 (02/10)

Highway No. 385 County Pennington Approximately 12 Mi. N S E W O
 from Hill City (City or well defined point) for construction of a 230 kV transmission line (type of utility facility)

Begin Legal Description Section 14, T1N, R5E End Legal Description Section 14, T1N, R5E

Intended usage or rating use is to strengthen the transmission network & improve transmission system reliability.

Cable Size/Type 1.345-inch diameter Bittern conductor Casing Size/Type N/A

Outsize pipe diameter N/A Maximum pipeline operation pressure N/A

Minimum depth of cable or pipeline: (Under Rural Roadway 48") (Under Curb/Gutter 24") (All Other Areas 36") (Overhead)

Method of installation Pole assembly (poles are outside SD DOT ROW) followed by wire stringing.

Approximate construction dates - Start 07/15/2016 Finish 03/15/2017

Special conditions N/A

I, the undersigned, request permission to construct and maintain a utility facility on public right-of-way at the above location and as shown on the attached layout sheet and in accordance with provisions of Administrative Rules of South Dakota, Chapter 70:04:05. In consideration for this permission, I agree to abide by all conditions of said rules and in addition, the following:

- To furnish all materials, labor, incidentals and pay all costs involved with the construction and maintenance of the utility facility. To perform approved open cut trench operations in accordance with current DOT Open Cut Method of Utility Installation or Repair, Administrative Rule Chapter 70:04:05, Appendix A. To restore any damaged portions of the roadway and right-of-way to equal or better conditions than existed prior to beginning work covered by this permit. To not install a utility over the top of any highway drainage structure. To permanently mark above ground pedestals / facilities with metal flags or markers located at least 48" above ground.
- Prior to DOT utility permit approval, applicant is responsible for providing written approval of all required local government and Black Hills National Forest permits. If the applicant fails to comply, this permit is of no effect whatsoever and at the applicant's expense, the Department may cause the immediate removal of any utility facilities placed within the right-of-way without the requisite approval.
- If deemed necessary by the South Dakota Department of Transportation to move or alter the utility installation in any way due to maintenance or highway reconstruction within its present right-of-way width, the alteration will be accomplished by the owner without cost to the State.
- To provide protection to highway traffic during construction and maintenance by the use of proper signs, barricades, flag persons and lights as prescribed in the "Manual on Uniform Traffic Control Devices."
- Workers are required to wear high-visibility safety apparel intended to provide conspicuity during both daytime and nighttime usage, and meeting the Performance Class 2 or 3 requirements of the ANSI/SEA 107-2004 publication entitled "American National Standard for High-Visibility Safety Apparel and Headwear".
- To indemnify and hold the State of South Dakota, its Department of Transportation, its officers, agents and employees harmless, from and against any and all actions, suits, damages, liability or other proceedings of any kind or nature brought because of any injuries or damage received or sustained by any person or property on account of the use or occupancy of highway right-of-way designated in this application.

Company Black Hills Power Date 06/14/2016 Email Address Mark.Carda@blackhillscorp.com
 Address P.O. Box 1400 City Rapid City State SD Zip 57709 Telephone (605) 721-2274
 By: (Sig.) *Mark Carda* (Typed) Mark Carda Title Manager T&D Engineering

To be completed by the Department of Transportation

Project 385 Milepost 94.1 Maintenance Unit 491

1. Prior to commencing construction and upon completion of work the applicant shall notify Steve Wiege at RL AREA D.O. Telephone 394-1644

2. Special Conditions: See Attached Special Conditions for all that apply.

3. Failure to construct and maintain the utility facility in accordance with the provisions of this permit will automatically render this permit null and void and constitute grounds for its removal and/or full restoration of the site at the applicant's expense.

Recommended: _____ Date _____ Bridge/Roadway Design _____ Date _____
 Approved: *M. O'Connell* Area Engineer June 21, 2016 Date
 Approved: _____ Region Engineer _____ Date
 This permit to construct and maintain a utility facility is granted subject to all conditions as herein stated.
 cc: Zacher

Special Conditions Attachment Sheet

The items listed below are a summary of requirements set by the SDDOT for work being done within the ROW. It shall be the permit holder's responsibility to acquire the information needed to complete work as per the SDDOT Standard Specifications for Roads and Bridges 2015 Edition. Included is a link to the SDDOT standard plates for reference to situations.

<http://sddot.com/business/design/plates/index/Default.aspx>. For instances where uncertainty exists, questions should be referred to the Rapid City Area SDDOT.

1. No excavated areas or other obstructions within 30' of white edge line or 6' behind curb, shall remain overnight without proper Concrete barriers w/approved end protection.
2. Salvage and replace topsoil.
3. All disturbed areas shall be re-established as per the re-vegetation Plan for Disturbed State Owned Right-of-Way. (As shown below)
4. Traffic control shall be in accordance with the Manual on Uniform Traffic Control Devices. (MUTCD) or SDDOT standard plates for traffic control devices.
5. Permit holders should be aware of present and/or know future road work, that may involve realignments, widening's, cuts and fill section. Work shall be coordinated and completed so that it doesn't conflict with road work.
6. Embankment material within the ROW shall be placed in accordance with section 120.3 of the SDDOT standard specifications for Roads and Bridges 2015 Edition.
7. Granular base materials within the ROW shall be placed in accordance with section 260.3 of the SDDOT standard specification for Roads and Bridges 2015 Edition. Granular base materials shall follow existing construction limits and is subject to changes by the SDDOT
8. Any surfacing removed within the ROW shall be replaced in kind in accordance with section 320.3 or 380 of the SDDOT standard specification for Roads and Bridges 2015 Edition. Removals shall be defined by full depth saw cuts with limits approved by DOT.
9. When open cut excavations of the roadway are approved by the SDDOT, all materials used to replace excavated areas shall be tested. All tests including gradations, compaction and Etc., shall be reported to the appropriate personal and available upon request for verification by the DOT.
10. All pavement markings removed or damaged by the contractor shall be replaced to the satisfaction of the DOT.
11. Any subsequent damage to the roadway, shoulder or other items within the ROW, due to construction activities will be repaired by applicant at no cost to the state.
12. No obstructions shall be placed within the ROW without prior acceptance by the SDDOT. Obstructions include but are not limited to landscaping items, signs, light poles, buildings, guardrail, fence, parking, etc.
13. All utilities shall be placed as close to ROW line as possible.
14. All fencing that is removed for construction purposed shall be reset or replaced with materials in existing or better condition. Installation shall be per section 620 of the SDDOT standard specifications for Roads and Bridges 2015 edition.

Special Conditions Attachment Sheet

15. Erosion Control measures shall be utilized as per the State, Federal, County and City regulations. Erosion control and sediment control is the sole responsibility of the Permit holder.

Re-vegetation Plan for Disturbed State Owned Right of Way

Shaping:

All disturbed, areas are to be re-topsoiled and leveled to promote vegetative growth and to remove any obstructions of drainage.

Seeding:

All disturbed areas will be stabilized within 14 days of the completion of earthmoving work. Seed mixture is to consist of the following:

Western Wheatgrass	7lbs of pure live seed
Green Needlegrass	4lbs of pure live seed
Sideoats Grama Blue	3lbs of pure live seed
Gramma	2lbs of pure live seed
(Oats from April to July, Winter Wheat August to November)	10lbs of pure live seed

Overall 26lbs pure live seed per acre

Mulch is to be applied to the disturbed area at a rate of 2 tons per acre. Mulch is to be free of any and all noxious weeds.

Mulch is not required if disturbed area is less than 0.5 acres.

Commercial fertilizer with a guaranteed analysis of 18-46-0 is to be applied at a rate of 100lbs per acre.

Sediment and Erosion Control.

Usage of Best Management Practices for sediment and erosion control is mandatory. Applicant is duly reminded that if over 0.5 acres will be disturbed, applicant must have on hand an approved Notice of Intent from the Department of Environment and Natural Resources as well as a full Storm Water Pollution Prevention Plan. (SWPPP) Both of these documents are the applicant's responsibility to attain. Once vegetation is reestablished, the applicant is duly reminded that a Notice of Termination is also needed to be sent to the Department of Environment and Natural Resources. Protective devices are to be installed prior to disturbing State Right of Way to prevent erosion from damaging the environment. More information can be found at the below web link.

<http://www.sddot.com/business/environmental/stormwater/Default.aspx>

Special Conditions Attachment Sheet

Final Inspection

The permittee is required to conduct an inspection of the installation area approximately 10 to 12 months after installation to ensure no erosion has occurred and that no settlement areas exist. Any areas found are to be repaired in accordance with the above notes. Area is also to be inspected for noxious weed. If noxious weeds are found, they are to be sprayed and destroyed by the applicant. (Contact the SDDOT Representative noted on the permit for information regarding noxious weed and chemical application)



Mark Carda
Project Manager

409 Deadwood Avenue
Rapid City, SD 57702

June 17, 2016

South Dakota Department of Transportation
Steve Wiege, Transportation Specialist
PO Box 1970 (2300 Eglin Street)
Rapid City, SD 57709-1970
Steve.Wiege@state.sd.us
605.394.2248



Subject: Teckla – Osage – Rapid City 230 kV Transmission Line Project
Application for Utility Permit

Dear Mr. Wiege,

Black Hills Power, Inc. plans to construct and operate approximately 145 miles of new 230 kilovolt (kV) transmission line from the Teckla Substation, located in Campbell County Wyoming to the Osage Substation then terminating at the Lange Substation located near Rapid City.

The project will intersect SD DOT roads at four locations, Utility Application Permits are being provided for each of the locations shown below.

Highway	Milepost	Clearance above highway
I-90	54.2 55.3 ✓	46' southbound 55' northbound
Highway 44	33 ✓	154'
Highway 385	94.1 ✓	38'
Highway 79/Sturgis Road	83.2 ✓	103'

Please contact me at (605) 721-2274 if you have any question or require additional information.

Sincerely,

Mark Carda
Project Manager
Black Hills Power, Inc.

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