



# DOT-200: Application for Utility Permit

South Dakota Department of Transportation, Office of Operations Support  
700 E. Broadway Ave., Pierre, SD 57501-2586 (605) 773-3571

By using this form you are agreeing to our terms of use. Please read:

Highway no. 15 County Grant Approximately 1 miles N  S  E  W

from Milbank (city or well-defined point) for construction of Overhead Transmission Lines (type of utility facility)

Begin legal description Section 30, T120N, R48W End legal description Section 31, T120N, R48W

Intended usage or rating 230kV

Cable size/type 1590kcmil/Lapwing Casing size/type NA

Outsize pipe diameter NA Maximum pipeline operation pressure NA

Minimum depth, cable or pipeline (under rural highway 48")  (under curb/gutter 24")  (all other areas 36")  (overhead)

Method of installation By Conventional Ground Method using bucket trucks and pulling cable.

Approximate construction dates: Start May 2019 Finish December 2021

Special conditions Construct in accordance with attached sheets (satellite photos)

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 (ARSD) 70:04:05. In consideration for this permission, I agree to abide by all conditions of said rules, and in addition, the following:

- This Utility Permit does not replace any other permit, license or other approval that may be required by any other entity holding a property interest in the right of way, including but not limited to any tribal government, the Office of School and Public Lands, the U.S. Forest Service and the Bureau of Indian Affairs. The issuance of this Utility Permit does not relieve the applicant of the obligation to obtain any other approvals that might be required for use of the highway right of way for utility purposes. The applicant is solely responsible for investigating whether additional approval is required and complying with any other applicable requirements. If the applicant fails to secure all necessary approvals or comply with all applicable requirements, this permit is of no effect whatsoever, and the South Dakota Department of Transportation (SDDOT) may, at the applicant's sole expense, cause the immediate removal of the utility facilities.
- 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 SDDOT Open Cut Method of Utility Installation or Repair, ARSD 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 the 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.
- If deemed necessary by the SDDOT, to move or alter the utility installation in any way due to maintenance or highway construction 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 use of proper signs, barricades, flag persons and lights as prescribed in the current edition of 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 "American National Standard for High-Visibility Safety Apparel and Headwear."
- To indemnify and hold the State of South Dakota, the SDDOT, 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 Crowned Ridge Wind, LLC Date 5/20/19 Email address tyler.wilhelm@crestenergy.com

Address 703 Universe Blvd. LAW/13 City Juno Beach State FL Zip 32408 Phone 561-684-3183

By [Signature] Print or type Tyler Wilhelm Title Project Manager

### TO BE COMPLETED BY THE SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

Project 015 Milepost 170.55 Maintenance Unit 172

- Prior to commencing construction and upon completion of work the applicant shall notify Matt Bruy, Area Engineer at Watertown (stoppage) Phone 882-5166
- Special conditions Coordinate any traffic control needed with SD Highway Patrol.
- Fallure 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 \_\_\_\_\_ City Representative \_\_\_\_\_ Bridge/Road Design \_\_\_\_\_ Date \_\_\_\_\_

Approved [Signature] Date 5/14/19 Area Engineer

Approved \_\_\_\_\_ Date \_\_\_\_\_ Region Engineer

This permit to construct and maintain a utility facility is granted subject to all conditions as herein stated.

## Instructions for DOT-200: Application for Utility Permit

### Applicant

1. Complete all items in upper portion of form. **Please print or type.**
2. Prepare a separate sheet showing details of the proposed installation. The drawings should include:
  - a. Location of the facility dimensioned to the highway centerline and to the right-of-way line. Show all section lines and approaches that will be crossed. Show legal description on drawing, i.e., section, township and range for rural areas, and blocks and lots in urban areas. Show box culverts, bridges and any other permanent features. No utility installation will be allowed on top of drainage pipes.
  - b. Installations on bridges must include details of method of attachment. Allow two (2) additional weeks for approval of the permit.
  - c. Utility company name, a North arrow, sheet number and total number of sheets if more than one. **Use one side of a sheet only.**
  - d. Any other pertinent information.
3. Sign and submit one (1) copy of the request and one (1) copy of the attachment to the SDDOT Area Engineer for processing. To find the Area Engineer for your location, see "Area Engineer Addresses" below.

### Area Engineer Addresses and Approximate Coverage Area by County

Aberdeen, PO Box 1767: Brown, Day, Edmunds, McPherson and Marshall

Watertown, 5000 9th Ave. SE: Brookings, Codington, Deuel, Grant, Hamlin and Roberts

Huron, PO Box 940: Beadle, Clark, Hand, Hyde, Kingsbury and Spink

Mitchell, PO Box 1206: Aurora, Brule, Buffalo, Charles Mix, Douglas, Davison, Gregory, Hanson, N. and W. Hutchinson, Jerauld, McCook, W. Miner and Sanborn

Sioux Falls, 5316 W. 60th St. N.: Lake, N. Lincoln, NE Miner, Minnehaha, Moody and NE Turner

Yankton, 1306 W. 31st St.: Bon Homme, S. Charles Mix, Clay, SE Hutchinson, S. Lincoln, SW Turner, Union and Yankton

Pierre, 104 S. Garfield Ave.: Haakon, Hughes, I-90 north of Jackson and Jones, Stanley, Sully and Potter

Winner, PO Box 771: Bennett, Lyman, Melette, Todd, Tripp and I-90 south in Jackson and Jones

Mobridge, PO Box 488: Campbell, Corson, Dewey, Walworth and Ziebach

Rapid City, PO Box 1970: W. Jackson, I-90 south in Lawrence, S.D. 34 south in Meade and Pennington

Belle Fourche, 10921 S.D. Highway 34: Butte, Harding, N. Lawrence, N. Meade and Perkins

Custer, PO Box 431: Custer, Fall River, Oglala Lakota, and SW Pennington

### For South Dakota Department of Transportation Use Only

#### Area Engineer

1. Review request and complete lower portion of form.
2. If request is not approved, return request to applicant and state reason for denial.
3. Obtain city recommendation and SDDOT Bridge/Road Design approval when applicable.
4. Forward to Region Engineer only if application location is within Interstate right of way.
5. If request is approved, forward request and all attachments to the Permit Manager, Office of Right of Way.

#### Permit Manager

1. Review request and if denied, return to applicant stating reason for denial, with copy to Area Engineer.
2. If request is granted, issue permit and send copies of the permit and attachment as follows:
  - a. Area Engineer, two (2) copies
  - b. Applicant, one (1) copy
  - c. Record Center, original.

## **Additional Information**

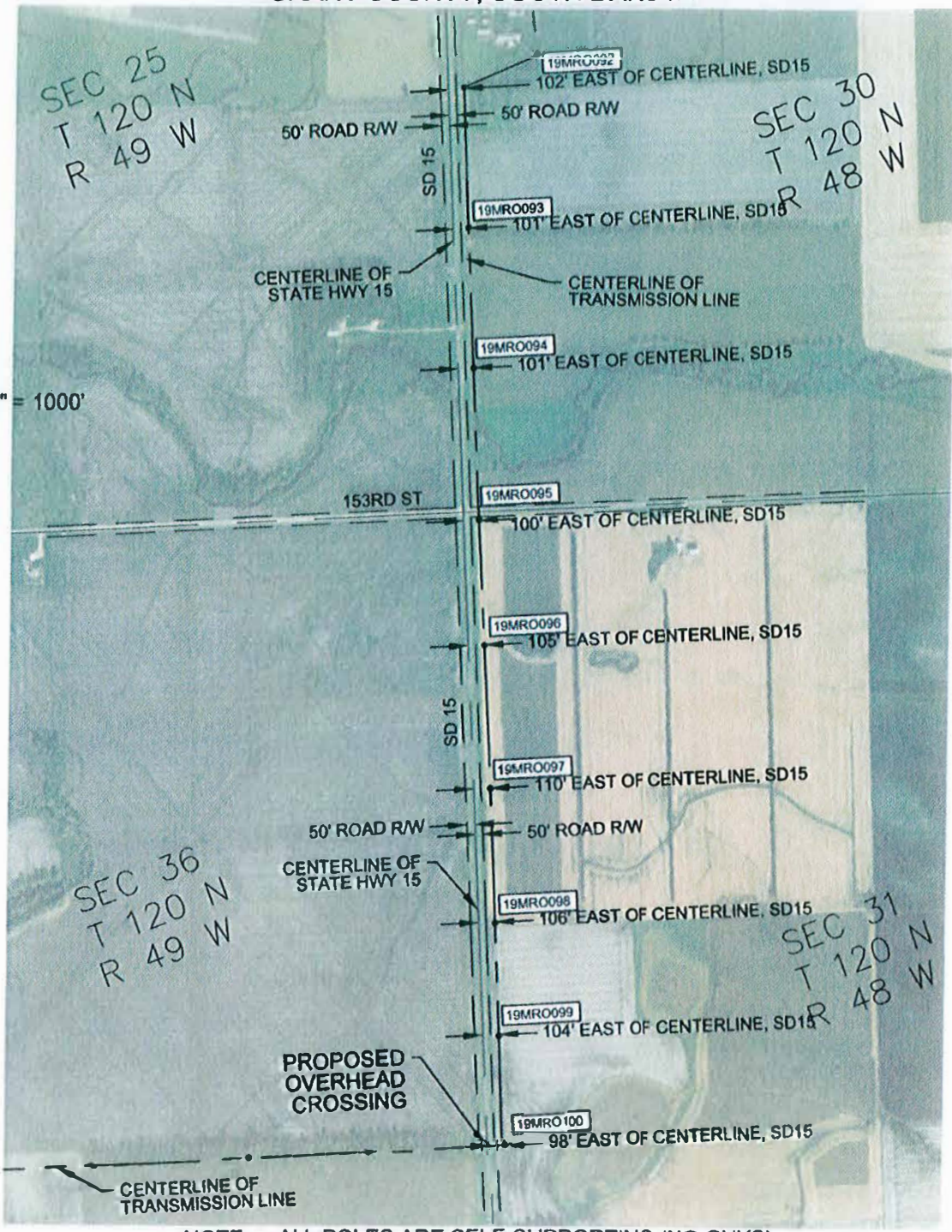
The Crowned Ridge 230kV Transmission Line project has two additional Companies:

1. Crowned Ridge Wind II, LLC
2. NextEra Energy Resources, LLC

### **Traffic Control Plan:**

The Traffic Control Plan will be submitted and coordinated by a local Signage Representative Company and shall be performed in accordance with South Dakota Department of Transportation requirements.

**CROWNED RIDGE I TRANSMISSION LINE  
STATE HIGHWAY 15  
GRANT COUNTY, SOUTH DAKOTA**



**NOTE: ALL POLES ARE SELF-SUPPORTING (NO GUYS)**

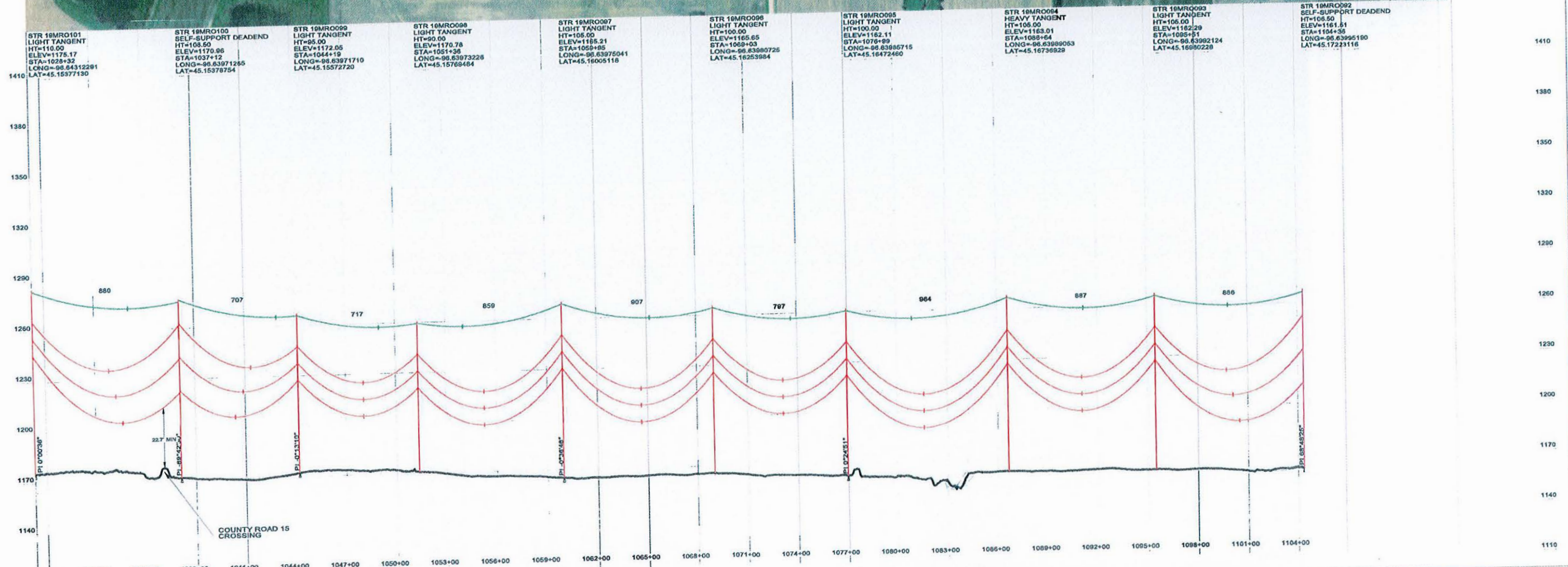
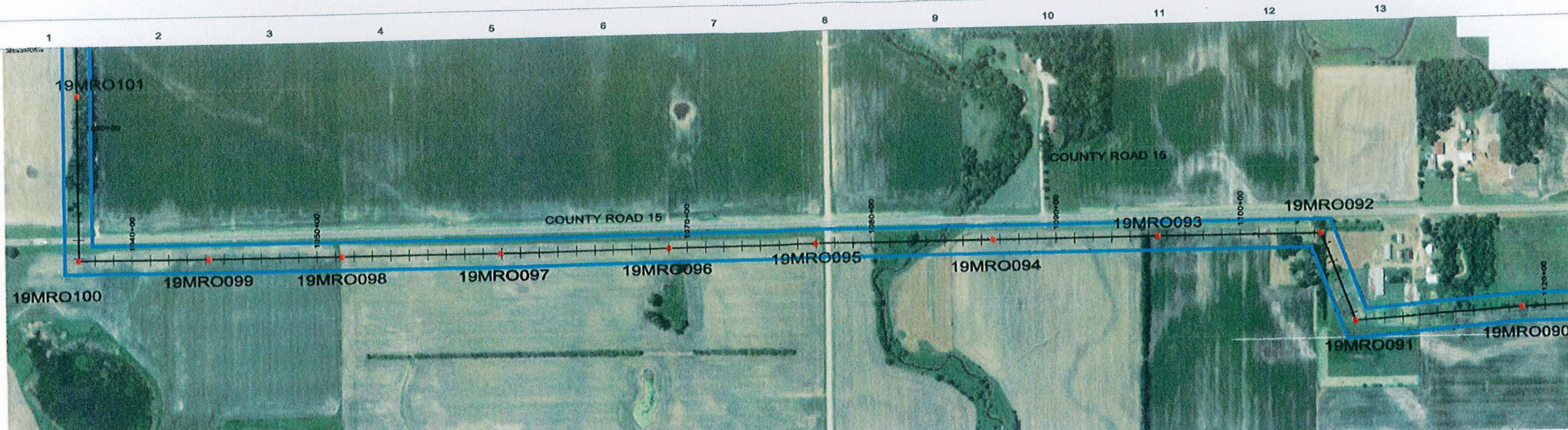


CROWNED RIDGE 1 TRANSMISSION LINE  
STATE HIGHWAY 15  
POLES OFFSET FROM CENTERLINE  
SECTIONS 30 & 31, T 120 N, R 48 W AND  
SECTIONS 25 & 36, T 120 N, R 49 W  
GRANT COUNTY, SOUTH DAKOTA



Cedar Rapids - Sioux Falls - Bismarck - Denver - Detroit Lakes - Fargo - St. Paul  
5701 South Corporate Place  
Sioux Falls, South Dakota 57108  
Phone: 605.323.2306 Fax: 605.323.2308  
Web: www.ulteig.com

Project Number: R17.00669      Drawn By: KLP  
Date: 05/6/2019                  Approved By: ADD  
Sheets: 1 of 1



STR 19MRO101 LIGHT TANGENT HT=110.00 ELEV=1175.17 STA=1028+32 LONG=-98.64312281 LAT=45.15377130

STR 19MRO100 SELF-SUPPORT DEADEND HT=105.50 ELEV=1170.96 STA=1037+12 LONG=-98.63971265 LAT=45.15378754

STR 19MRO099 LIGHT TANGENT HT=95.00 ELEV=1172.05 STA=1044+19 LONG=-98.63971710 LAT=45.15572720

STR 19MRO098 LIGHT TANGENT HT=90.00 ELEV=1170.78 STA=1051+35 LONG=-98.63973228 LAT=45.15769484

STR 19MRO097 LIGHT TANGENT HT=105.00 ELEV=1165.21 STA=1059+85 LONG=-98.63975041 LAT=45.16005118

STR 19MRO096 LIGHT TANGENT HT=100.00 ELEV=1165.65 STA=1069+03 LONG=-98.63980725 LAT=45.16253984

STR 19MRO095 LIGHT TANGENT HT=100.00 ELEV=1162.11 STA=1076+89 LONG=-98.63985715 LAT=45.16472460

STR 19MRO094 HEAVY TANGENT HT=105.00 ELEV=1163.01 STA=1085+04 LONG=-98.63989053 LAT=45.16739828

STR 19MRO093 LIGHT TANGENT HT=105.00 ELEV=1162.29 STA=1095+51 LONG=-98.63992124 LAT=45.16980228

STR 19MRO092 SELF-SUPPORT DEADEND HT=105.50 ELEV=1161.51 STA=1104+35 LONG=-98.63995180 LAT=45.17221116

THIS DRAWING IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.

CABLE DATA (UNLESS OTHERWISE NOTED):

CONDUCTOR: 1590 KCMIL 45/7 ACSR "LAPWING"  
 HORIZONTAL BUNDLED CONDUCTOR  
 DISPLAYED: 167' F. "FINAL" CONDITION  
 DESIGN TENSION: 10,550 LBS (25% RBS)  
 AT 0' F, NO WIND, NO ICE, "FINAL"

SHIELD WIRE: SFPOC/SFSJ-J-4388R2 OPGW  
 DISPLAYED: 0' F "INITIAL" CONDITION  
 DESIGN TENSION: 4,700 LBS (25% RBS)  
 AT 0' F, NO WIND, NO ICE, "FINAL"

NOTES: 1. MINIMUM CLEARANCES INDICATED IN-SPAN BASED ON NESC REQUIREMENTS FOR 230KV.  
 2. GROUND AND BOUNDARY SURVEY PROVIDED BY ULTEIG. LIDAR SURVEY PROVIDED BY SAM INC.  
 3. ALL TRANSMISSION INFRASTRUCTURE "AT REST" REMAINS OUTSIDE OF THE COUNTY ROAD EASEMENT. CONDUCTOR WIRES ALLOWED TO BLOWOUT OVER COUNTY ROAD EASEMENT UNDER NESC 250C (24.1PSF), NESC 250D (8.4 PSF) AND 6PSF WIND CONDITIONS.



DATE	3/5/2019	DESIGNED	A. LEE	DETAILED	A. LEE	ISSUED FOR REVIEW	ARL ANH	TITLE	CROWNED RIDGE 1 230KV TRANSMISSION LINE CROSSING EXHIBIT - COUNTY ROAD 15 CROSSING
DESIGNED	A. LEE	CHECKED	A. HERRMANN	ISSUED FOR REVIEW	ARL ANH	BY	CHK	DWG. NO.	CR1-00932
NO. DATE		DESIGN REVISIONS		BY		CHK		SHEET	6 OF 12
								REV	B