



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. 212 County Deuel Approximately 21.6 miles N ☐ S ☐ E ☒ W ☐
from Watertown for construction of Deuel Harvest Wind Energy LLC (Wind Farm)
(city or well-defined point) (type of utility facility)
Begin legal description HWY ROW 34-T117N-R49W End legal description W1/2 EX LOT H-2 35-T117N-R49W
Intended usage or rating 34.5 kV 3-Phase Cable
Cable size/type 4/0 AWG Casing size/type 6" HDPE SDR 17
Outsize pipe diameter 6.625" Maximum pipeline operation pressure 130 psi (casing pipe will not see pressure)
Minimum depth, cable or pipeline (under rural highway 48") ☒ (under curb/gutter 24") ☐ (all other areas 36") ☐ (overhead) ☐
Method of installation Directional Boring
Approximate construction dates: Start 08/01/2020 Finish 02/01/2021
Special conditions

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:

1. 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.
2. 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.
3. 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.
4. 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*.
5. 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."
6. 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 Deuel Harvest Wind Energy LLC Date 01/13/2021 Email address anadkarni@invenenergy.com
Address one south wacker drive City Chicago State SD Zip 60606 Phone (312) 582-1570
By Jonathan Saxon Print or type Jonathan Saxon Title Vice President
Signature

TO BE COMPLETED BY THE SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

Project 212 Milepost 399.0 Maintenance Unit 171
1. Prior to commencing construction and upon completion of work the applicant shall notify Matt Brey, Area Engineer
at Watertown Phone 882-5166
2. Special conditions No work on inslopes. Roadway surface shall not be disturbed.
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/Road Design _____ Date _____
City Representative
Approved Matt Brey Date 1/21/21
Area Engineer
Approved _____ Date _____
Region Engineer

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is granted subject to all conditions as herein stated.

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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

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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

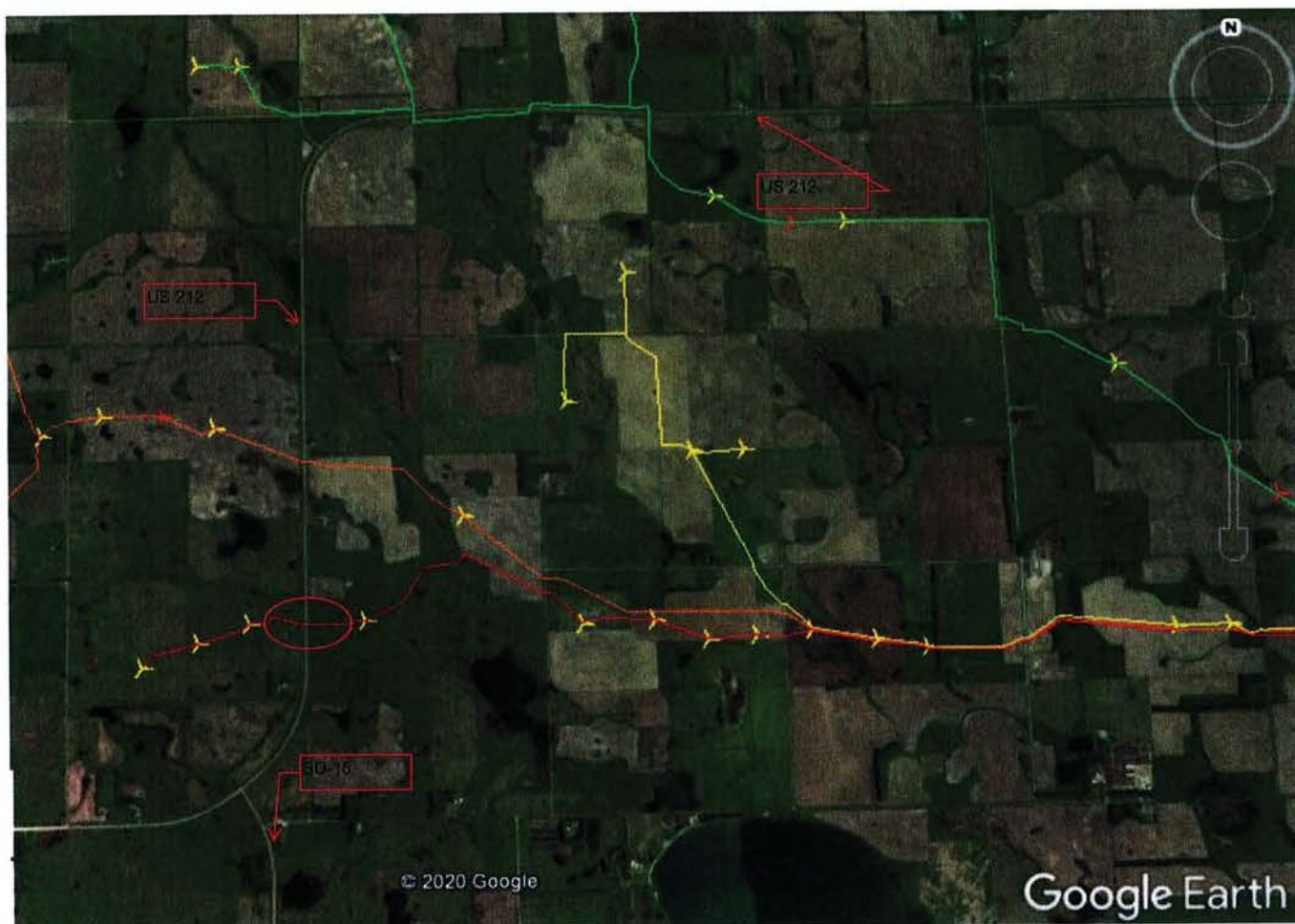
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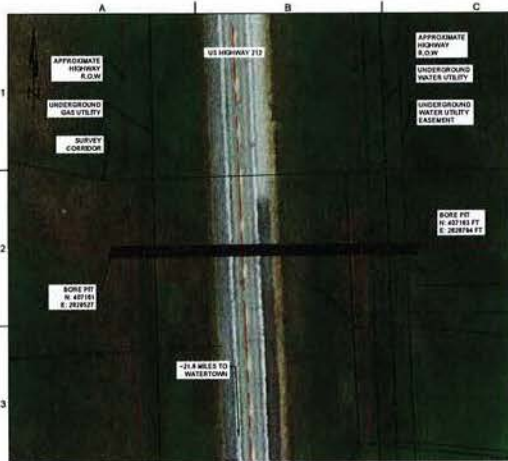
Area Engineer

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.

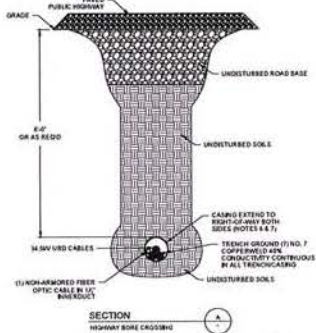
Permit Manager

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.

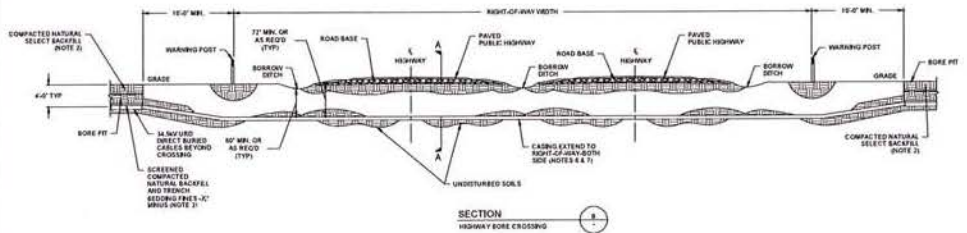




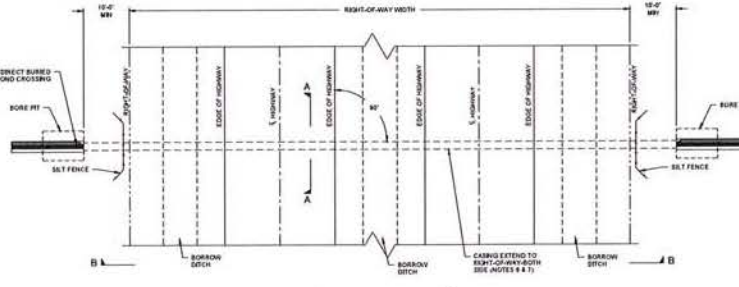
HIGHWAY 212 - CROSSING EXHIBIT #1
ROADWAY CROSSING #32 - CIRCUIT 1



SECTION
HIGHWAY BORE CROSSING



SECTION
HIGHWAY BORE CROSSING



DETAIL
HIGHWAY CROSSING PLAN

FOR PERMIT
SUBMITTAL
PENDING GOVERNING
AUTHORITY APPROVAL

NOTES

1. MAINTAIN 6" MIN. BENDING RADIUS OF CABLES.
2. CONTRACTOR SHALL ACHIEVE MIN. 80 PERCENT STANDARD PROCTOR DENSITY COMPACTION OF SELECT NATURAL BACK FILL THROUGH MECHANICAL MEANS. COMPACTION TO BE NEARLY COMPLETE TO ACHIEVE EXPECTED FUTURE SETTLEMENT.
3. OBSERVE ALL REQUIREMENTS OF THE SPECIFICATION AND PERMITTING AGENCIES IN EXCAVATION AND RESTORATION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR EXISTING UTILITY LOCATES PRIOR TO CONSTRUCTION.
5. COLLECTOR SYSTEM CENTERLINE TO BE PERPENDICULAR TO HIGHWAY CENTERLINE WHEN POSSIBLE.
6. BELL END HOPE ADAPTERS TO BE INSTALLED ON BOTH ENDS OF CABLES.
7. FOR CABLE EYES AND HOPE AND RECONSTRUCT 8" HOPE SIDE (1 CABLES 100 mm AND ABOVE, USE 8" HOPE SIDE 113 CABLES).
8. IF BLASTING IS REQUIRED DUE TO ROCK, CONTRACTOR TO ADD FILLING AROUND BORED BACKFILL.
9. CONTRACTOR TO ENSURE ALL SHARP EDGES ARE REMOVED BY NECESSARY MEANS.
10. BORE DEPTH SHALL NOT EXCEED 10'.
11. ALL COORDINATES ARE IN NAD83 SOUTH DAKOTA STATE PLANE, NORTH ZONE, U.S. FOOT.

NO.	DATE	BY	CHK.	REVISIONS
1	8/14/21	MM	SAR	ISSUED FOR PERMITTING
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-

nei
NORTH ENERGY INCORPORATED, INC.
P.O. BOX 1155, MINNEAPOLIS, MN 55401
(763) 231-7851 www.northenergy.com

Invenergy

DEUEL HARVEST WIND PROJECT
DEUEL COUNTY, SD

COLLECTION - HIGHWAY 212 - CROSSING EXHIBITS 1

DEUL-D-100-1

SCALE
HWS
DATE
JOB NO.
SUBMIT
REVISION



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

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from Watertown for construction of Deuel Harvest Wind Energy LLC (Wind Farm)
(city or well-defined point) (type of utility facility)
Begin legal description H-2 26-T117N-R49W End legal description H-2 & H-3 27-T117N-R49W
Intended usage or rating 34.5 kV 3-Phase Cable
Cable size/type 500 kcmil Casing size/type 8" HDPE SDR 13.5
Outsize pipe diameter 8.625" Maximum pipeline operation pressure 160 psi (Pipe will not see any pressure)
Minimum depth, cable or pipeline (under rural highway 48") ☒ (under curb/gutter 24") ☐ (all other areas 36") ☐ (overhead) ☐
Method of installation Directional Boring
Approximate construction dates: Start 08/01/2020 Finish 02/01/2021

Special conditions

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Company Deuel Harvest Wind Energy LLC Date 01/14/2021 Email address anadkarni@invenergy.com
Address One South Wacker Drive City Chicago State IL Zip 60606 Phone (312) 582-1570
By Jonathan Saxon Signature Print or type Jonathan Saxon Title Vice President

TO BE COMPLETED BY THE SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

Project 212 Milepost 399.8 Maintenance Unit 171
1. Prior to commencing construction and upon completion of work the applicant shall notify Matt Bray, Area Engineer at Watertown Phone 882-5166
2. Special conditions No work on inslopes. Roadway surface shall not be disturbed.
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Recommended _____ Date _____
City Representative Bridge/Road Design
Approved Matt Bray Date 1/21/21
Area Engineer
Approved _____ Date _____
Region Engineer

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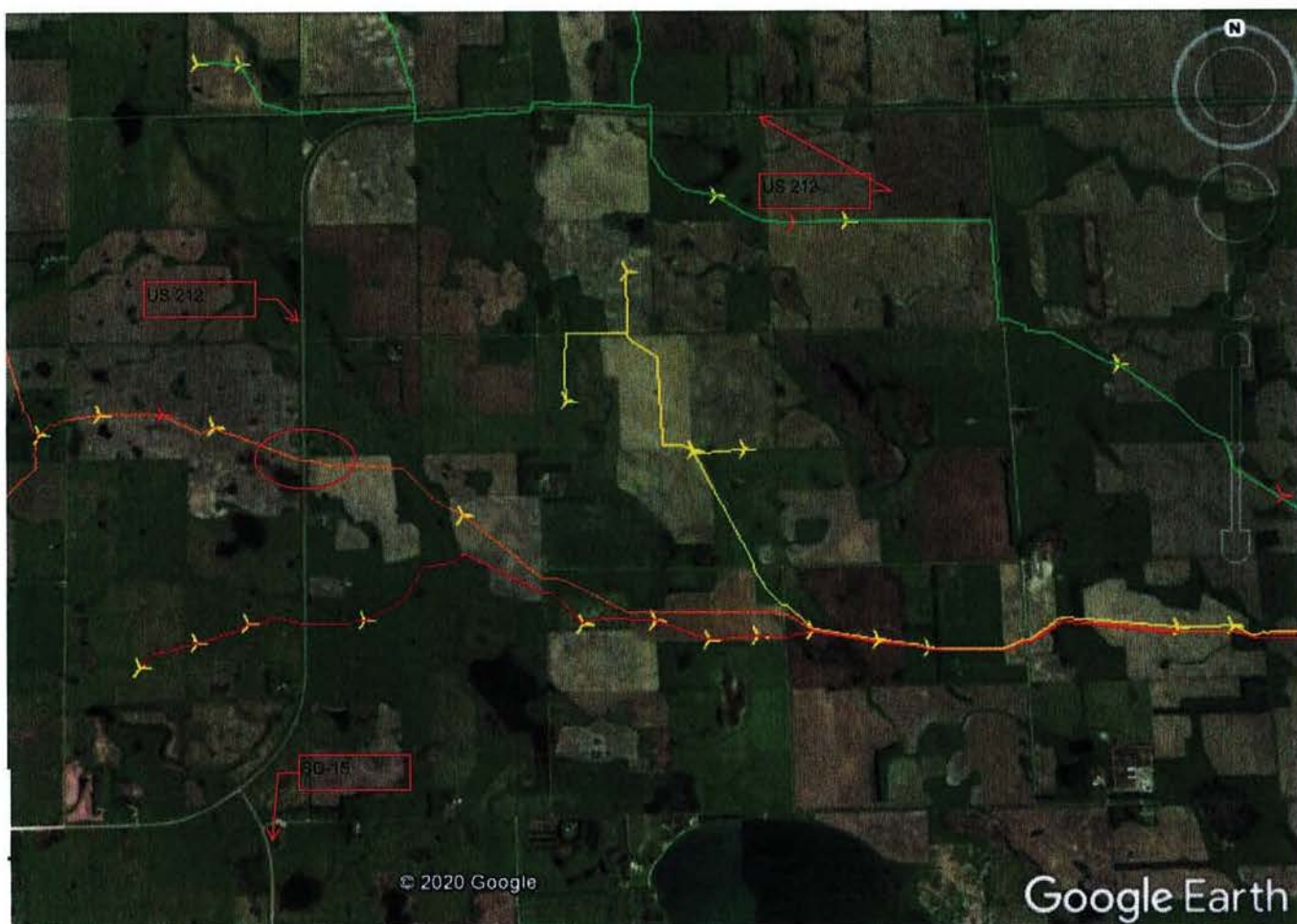
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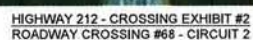
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NOTES

1. MAINTAIN 10' MIN. REMOVING RADII OF CABLES.
2. CONTRACTOR SHALL ACHIEVE MIN. 95% PERCENT STANDARD TEST RESULTS FOR ALL REMOVED MATERIALS. ALL BACKS THROUGH MECHANICAL MEANS. CONTRACT IN LPT 85 SHALL BE SUFFICIENT TO COVER ALL REMOVED MATERIALS. MIN. REASONABLE EXPECTED FUTURE SETTLEMENT.
3. OBTAIN ALL REQUIREMENTS OF THE SPECIFICATION AND ALL APPLICABLE CODES AND STANDARDS AND RECONSTRUCT TO MEET ALL REQUIREMENTS.
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7. CABLES BEES AND BELL AND BELOW USE OF HOPE SIDE IF CABLES RUN UNDER AND ABOVE. USE 8" HOPE SIDE 15% CABLES.
8. IF CABLES ARE REQUIRED TO DO. CONTRACTOR TO ADD TO THE EXISTING DRAINAGE SYSTEM.
9. CONTRACTOR TO ENSURE ALL SHARP EDGES ARE REMOVED BY NECESSARY MEANS.
10. BORE DITCH SHALL NOT EXCEED 15'.
11. ALL COORDINATES ARE IN NAD83 SOUTH DATUM DATA PLANS. COORDINATES SHALL BE USED FOR ALL WORK.

nei
ELECTRIC POWER ENGINEERING, INC.
P.O. BOX 1345 ARAPAJO, CO 80001
(303) 431-7935 www.enetna.com

Invenergy

DEUEL HARVEST WIND PROJECT
DEUEL COUNTY, SD

COLLECTION - HIGHWAY 212 - CROSSING EXHIBITS 2

DEUI-D-D100-2

SCALE	NTS
DATE	-
JOB NO.	328A-001
REVISION	-



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Address One South Wacker Drive City Chicago State IL Zip 60606 Phone (312) 582-1570
By Jonathan Saxon Print or type Jonathan Saxon Title Vice President
Signature

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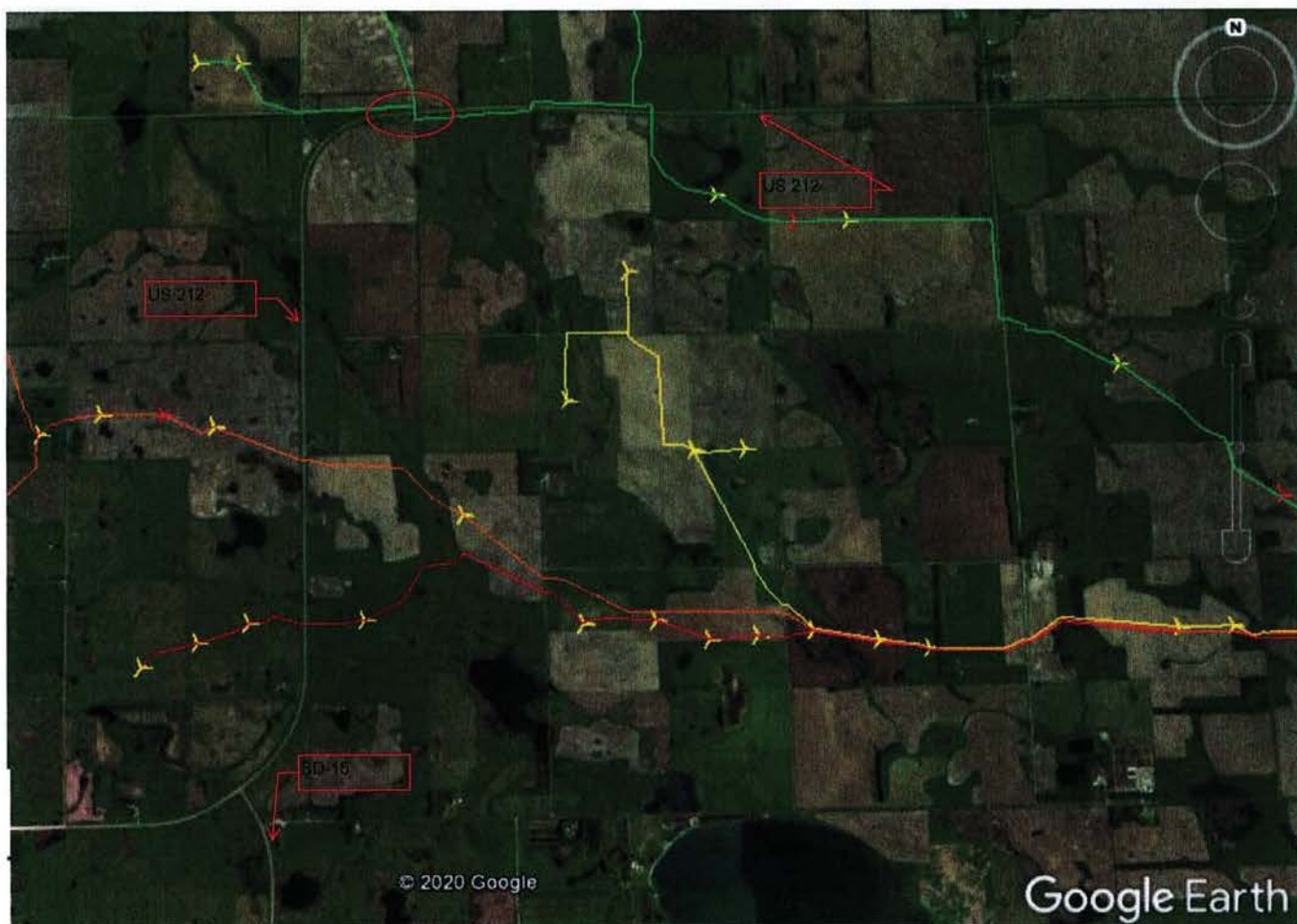
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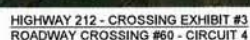
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5. If request is approved, forward request and all attachments to the Permit Manager, Office of Right of Way.

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.





NOTES

3. MAINTAIN 10" MIN. SCHEDULE 40S OF PERCENTS.
4. CONTRACTOR SHALL REMOVE RAISES, 98% STANDARD PROCTOR DENSITY CONSTRUCTION OF SELECT MATERIAL BACK FILL TO EXISTING GRADE. CONTRACTOR SHALL BE RESPONSIBLE TO GET AS NECESSARY TO ACHIEVE COMPLETED ROAD WITH PROPER DRAINAGE.
5. OBSERVE ALL REQUIREMENTS OF THE SPECIFICATION AND MAINTAIN PROPER DRAINAGE THROUGHOUT THE PROJECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR EXISTING UTILITY LOCATES PRIOR TO CONSTRUCTION.
7. COLLECTION SYSTEM CENTRALLINE TO BE PERPENDICULAR TO HIGHWAY CENTERLINE.
8. SELL END-HOOK ADAPTERS TO BE INSTALLED ON BOTH ENDS OF CASING.
9. FOR CABLE SIZES 8 AND BELOW USE H-100 IF H-100 IS 12" CASING. FOR CABLE SIZES 10 AND ABOVE USE H-100 IF 12" CASING.
10. IF BLASTING IS REQUIRED DUE TO ROCK, CONTRACTOR TO TAKE FABRIC AROUND SCREENED BACKFILL.
11. CONTRACTOR TO PROVIDE ALL SHARP EDGES ARE REMOVED BY NECESSARY MEANS.
12. SLOPE DESIGN SHALL NOT EXCEED 10%.
13. ALL COORDINATES ARE IN NAD83 SOUTH DATUM STATE PLANE COORDINATES.

nei
NATIONAL ENDOCRINE INSTITUTE
P.O. BOX 1185 AURORA, CO 80015
(303) 431-7811
www.neiweb.org

Invenergy

DEUEL HARVEST WIND PROJECT
DEUEL COUNTY, SD

COLLECTION - HIGHWAY 212 - CROSSING EXHIBITS 3

DEUL-D-D100-3

SCALE	NTS
DATE	
JOB NO.	3209.001
REVISION	



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. 212 County Deuel Approximately 24.6 miles N ☐ S ☐ E ☒ W ☐
 from Watertown for construction of Deuel Harvest Wind Energy LLC (Wind Farm)
 (city or well-defined point) (type of utility facility)
 Begin legal description H-3 23-T117N-R49W End legal description H-2 13-T117N-R49W
 Intended usage or rating 34.5 kV 3-Phase Cable
 Cable size/type 4/0 AWG Casing size/type 6" HDPE SDR 17
 Outsize pipe diameter 6.625" Maximum pipeline operation pressure 130 psi (casing pipe will not see pressure)
 Minimum depth, cable or pipeline (under rural highway 48") ☒ (under curb/gutter 24") ☐ (all other areas 36") ☐ (overhead) ☐
 Method of installation Directional Boring
 Approximate construction dates: Start 08/01/2020 Finish 02/01/2021
 Special conditions

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:

1. 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.
2. 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.
3. 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.
4. 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*.
5. 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."
6. 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 Deuel Harvest Wind Energy LLC Date 01/14/2021 Email address anadkarni@invenenergy.com
 Address one south wacker drive City Chicago State IL Zip 60606 Phone (312) 582-1570
 By Jonathan Saxon Print or type Jonathan Saxon Title Vice President
 Signature

TO BE COMPLETED BY THE SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

Project 212 Milepost 401.8 Maintenance Unit 171
 1. Prior to commencing construction and upon completion of work the applicant shall notify Matt Grey, Area Engineer
 at Watertown Phone 882-5166
 2. Special conditions No work on inslopes. Roadway surface shall not be disturbed.
 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/Road Design _____ Date _____
 City Representative
 Approved Matt Grey Date 1/21/21
 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, Mellette, 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

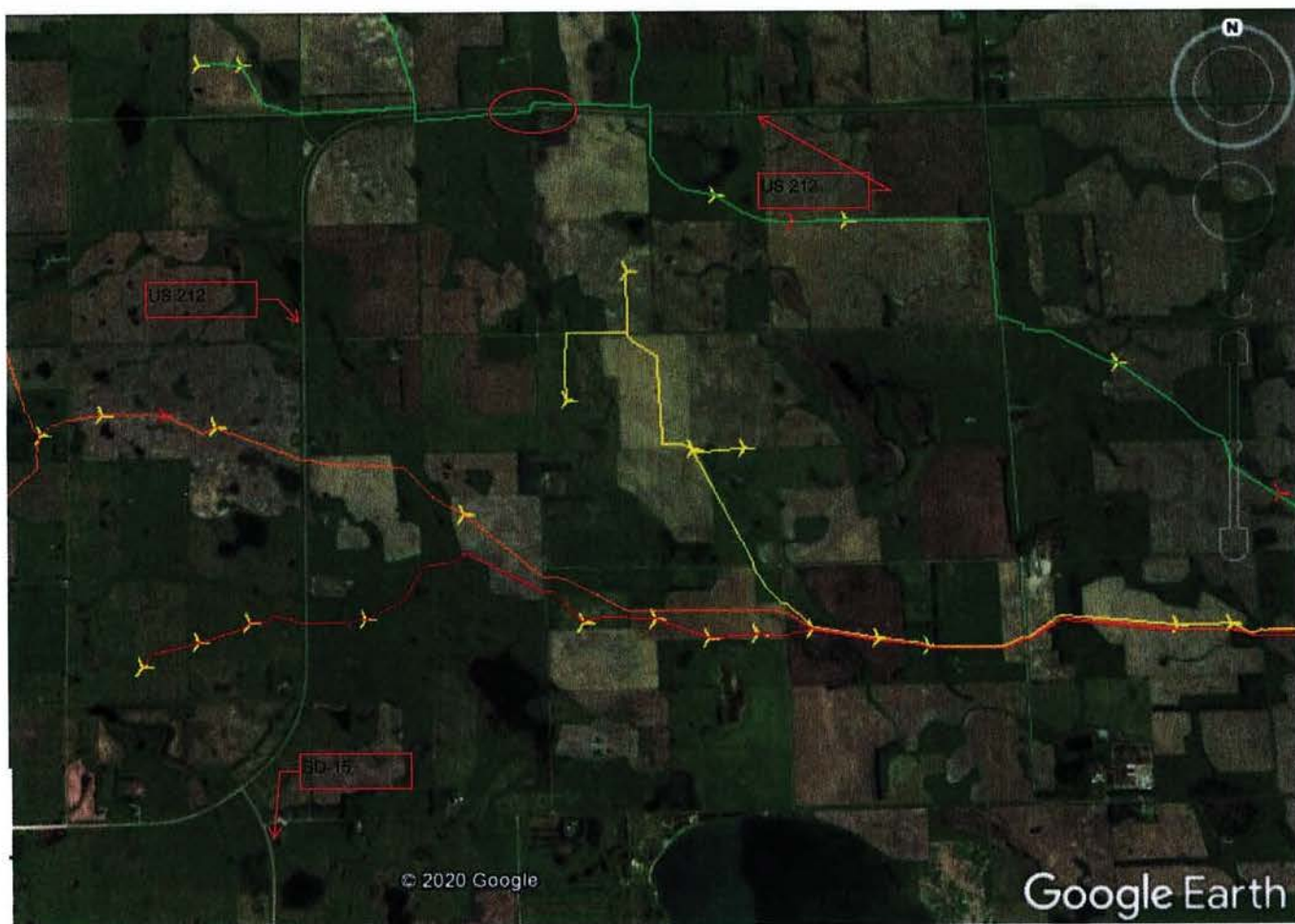
For South Dakota Department of Transportation Use Only

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.

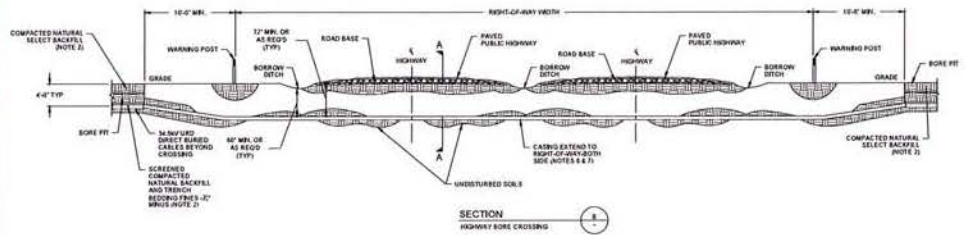
Permit Manager

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.



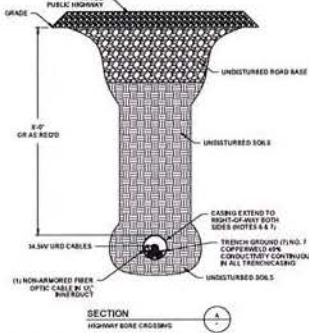


HIGHWAY 212 - CROSSING EXHIBIT #4
ROADWAY CROSSING #61 - CIRCUIT 4

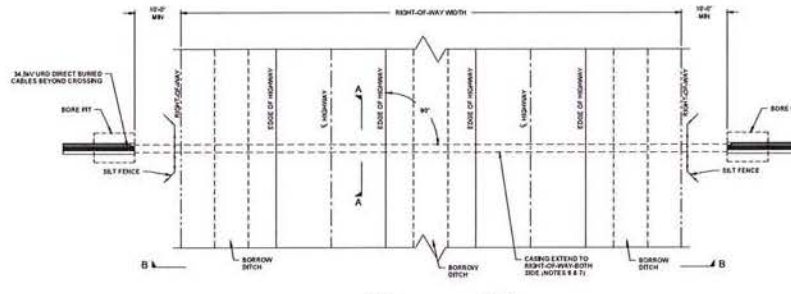


SECTION
HIGHWAY BORE CROSSING

FOR PERMIT
SUBMITTAL
PENDING GOVERNING
AUTHORITY APPROVAL



SECTION
HIGHWAY BORE CROSSING



DETAIL
HIGHWAY CROSSING PLAN

NOTES

1. MAINTAIN 12' MIN. BOREHOLE RADII OF CABLES.
2. CONTRACTOR SHALL ACHIEVE MIN. 80 PERCENT STANDARD PROCTOR DENSITY COMPACTION OF SELECT NATIVE BACKFILL THROUGH MECHANICAL MEANS. COMPACTION LIFT IS NECESSARY TO ACHIEVE COMPLETED BORE PIT WITH REASONABLE EXPECTED FUTURE SETTLEMENT.
3. OBSERVE ALL REQUIREMENTS OF THE SPECIFICATION AND PERMITTING AUTHORITIES IN EXCAVATION AND RESTORATION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR EXISTING UTILITY LOCATES PRIOR TO CONSTRUCTION.
5. COLLECTOR SYSTEM CENTERLINE TO BE PERPENDICULAR TO HIGHWAY CENTERLINE WHEN POSSIBLE.
6. SELL END HOPE ADAPTERS TO BE INSTALLED ON BOTH ENDS OF CABLES.
7. FOR CABLE SIZES 8AWG AND BELOW USE 8" HOPE SDR 17 CABLES 100' AND ABOVE, USE 8" HOPE SDR 13.5 CABLES.
8. IF BLASTING IS REQUIRED DUE TO ROCK, CONTRACTOR TO ADD FABRIC AROUND SCREENED BACKFILL.
9. CONTRACTOR TO ENSURE ALL SHARP EDGES ARE REMOVED BY NECESSARY MEANS.
10. BORE DEPTH SHALL NOT EXCEED 12'.
11. ALL COORDINATES ARE IN NAD83 SOUTH DAKOTA STATE PLANE, NORTH ZONE U.S. FOOT.

NO.	DATE	BY	CHK.	REVISIONS
1.	04/04/21	MM	SAB	ISSUED FOR PERMITTING
2.				
3.				
4.				
5.				
6.				



Invenergy

DEUL HARVEST WIND PROJECT
DEUL COUNTY, SD

COLLECTION - HIGHWAY 212 - CROSSING EXHIBITS 4

DEUL-D-D100-4

SCALE
1" = 10'
DATE
04/04/21
FOR NO.
200-001
REVISION
1



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. 212 County Deuel Approximately 25.1 miles N ☐ S ☐ E ☒ W ☐
from Watertown for construction of Deuel Harvest Wind Energy LLC (Wind Farm)
(city or well-defined point) (type of utility facility)
Begin legal description H-2 24-T117N-R49W End legal description H-2 13-T117N-R49W
Intended usage or rating 34.5 kV 3-Phase Cable
Cable size/type 500 kcmil Casing size/type 8" HDPE SDR 13.5
Outsize pipe diameter 8.625" Maximum pipeline operation pressure 160 psi (Pipe will not see any pressure)
Minimum depth, cable or pipeline (under rural highway 48") ☒ (under curb/gutter 24") ☐ (all other areas 36") ☐ (overhead) ☐
Method of installation Directional Boring
Approximate construction dates: Start 08/01/2020 Finish 02/01/2021
Special conditions

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:

1. 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.
2. 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.
3. 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.
4. 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*.
5. 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."
6. To indemnify and how 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 Deuel Harvest Wind Energy LLC Date 01/14/2021 Email address anadkarni@invenenergy.com
Address one south wacker drive City Chicago State IL Zip 60606 Phone (312) 582-1570
By Jonathan Saxon Print or type Jonathan Saxon Title Vice President
Signature

TO BE COMPLETED BY THE SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

Project 212 Milepost 402.3 Maintenance Unit 171
1. Prior to commencing construction and upon completion of work the applicant shall notify Matt Brey, Area Engineer at Watertown Phone _____
2. Special conditions No work on inslopes. Roadway surface shall not be disturbed,
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/Road Design _____ Date _____
City Representative
Approved Matt Brey Date 1/21/21
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, Mellette, 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

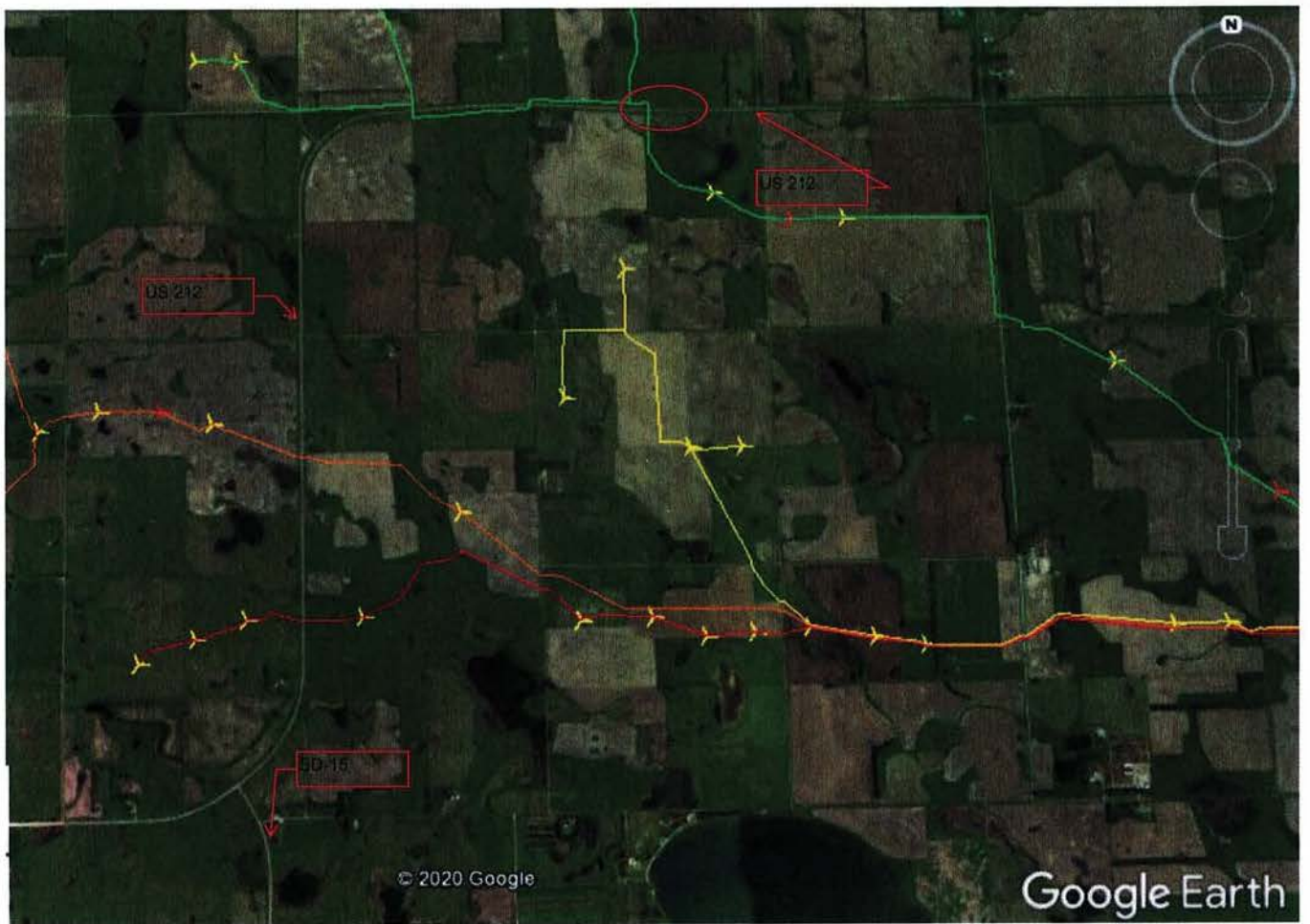
For South Dakota Department of Transportation Use Only

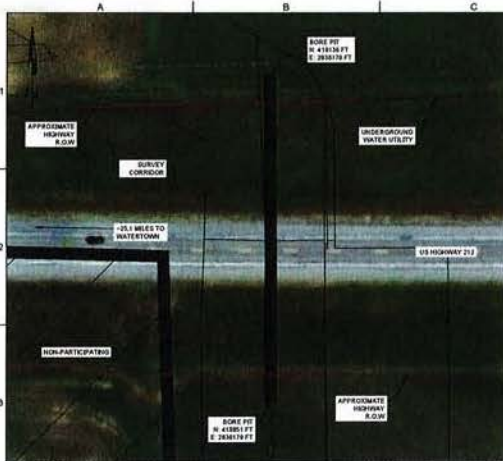
Area Engineer

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.

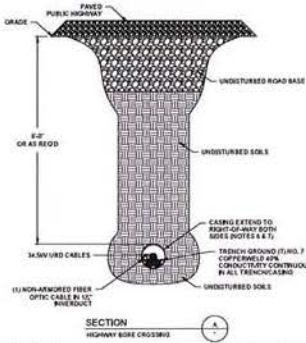
Permit Manager

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.





HIGHWAY 212 - CROSSING EXHIBIT #5
ROADWAY CROSSING #63 - CIRCUIT 4



SECTION
HIGHWAY BORE CROSSING

NO.	DATE	BY	CHK.	REVISIONS
1	8/14/23	WML	GAB	ISSUED FOR PERMITTING
2				
3				
4				
5				
6				



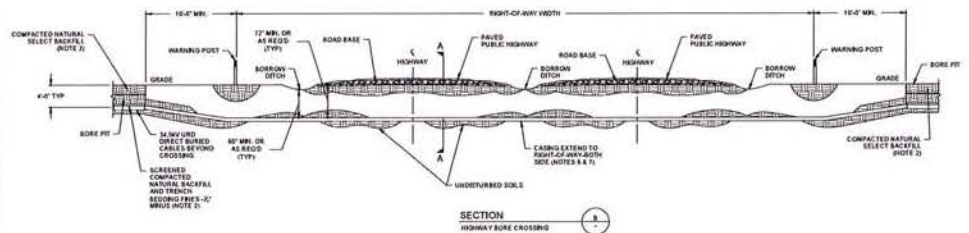
Invenergy

DEUEL HARVEST WIND PROJECT
DEUEL COUNTY, SD

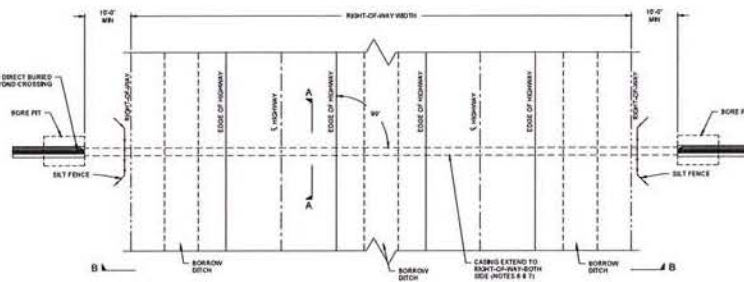
COLLECTION - HIGHWAY 212 - CROSSING EXHIBITS 5

DEUL-D-D100-5

SCALE	1/4" = 1'
DATE	8/14/23
JOB NO.	2023-001
REVISION	



SECTION
HIGHWAY BORE CROSSING



DETAIL
HIGHWAY CROSSING PLAN

**FOR PERMIT
SUBMITTAL**
PENDING GOVERNING
AUTHORITY APPROVAL

NOTES

1. MAINTAIN 90' MIN. BENDING RADIUS OF CABLES.
2. CONTRACTOR SHALL ACHIEVE MIN. 95 PERCENT STANDARD PROCTOR DENSITY COMPACTION OF SELECT NATURAL BACK FILL THROUGH MECHANICAL MEANS. COMPACTION IN LIFTS AS NECESSARY TO ACHIEVE COMPLETED BORE PIT WITH REASONABLE EXPECTED FUTURE SETTLEMENT.
3. OBSERVE ALL REQUIREMENTS OF THE SPECIFICATION AND PERMITTING AUTHORITIES IN EXCAVATION AND RESTORATION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR EXISTING UTILITY LOCATES PRIOR TO CONSTRUCTION.
5. COLLECTOR SYSTEM CENTERLINE TO BE PERPENDICULAR TO HIGHWAY CENTERLINE WHEN POSSIBLE.
6. BELL END HOPE ADAPTERS TO BE INSTALLED ON BOTH ENDS OF CABLES.
7. FOR CABLE SIZES 8\"/>