

# Dakota Range I & II Wind Project

Codington and Grant County, South Dakota

## Civil Construction Plans

REVISION 7 CHANGES INCLUDE ADDING THE ADLS TOWER, AND UPDATES TO COLLECTION AND CRANE PATH ROUTES

REVISION 8 CHANGES INCLUDE ADLS TOWER ROAD ADJUSTMENTS AND ADDING ADLS FIBER/POWER LINE

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| NH-277478-3      | Overall Site Plan                      | 8   |
| NH-277478-4-1    | Delivery Flow Plan                     | 0   |
| NH-277478-4-2    | Delivery Flow Plan - Concrete          | 0   |
| NH-277478-4-3    | Public Road Improvement Plan           | 0   |
| NH-277478-4-4    | Public Road Improvement Table          | 0   |
| NH-277478-5-1    | Construction Details                   | 0   |
| NH-277478-5-2    | Construction Details                   | 0   |
| NH-277478-5-3    | Construction Details                   | 0   |
| NH-277478-5-4    | Construction Details                   | 0   |
| NH-277478-5-5    | Construction Details                   | 0   |
| NH-277478-5-6    | Construction Details                   | 0   |
| NH-277478-6      | SWPPP Details                          | 0   |
| NH-277478-7-1    | Construction Notes                     | 0   |
| NH-277478-7-2    | Construction Notes                     | 0   |
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| NH-277478-8-2    | Site Plan T-017 - T-019                | 7   |
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| NH-277478-8-19   | Site Plan ALT-13 - ALT-14              | 7   |
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| NH-277478-8-21   | Site Plan T-012 T-044                  | 7   |
| NH-277478-8-22   | Site Plan T-045                        | 7   |
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| NH-277478-8-26   | Site Plan T-054 - T-056                | 8   |
| NH-277478-8-27   | Site Plan T-015                        | 7   |
| NH-277478-8-28   | Site Plan T-057                        | 7   |

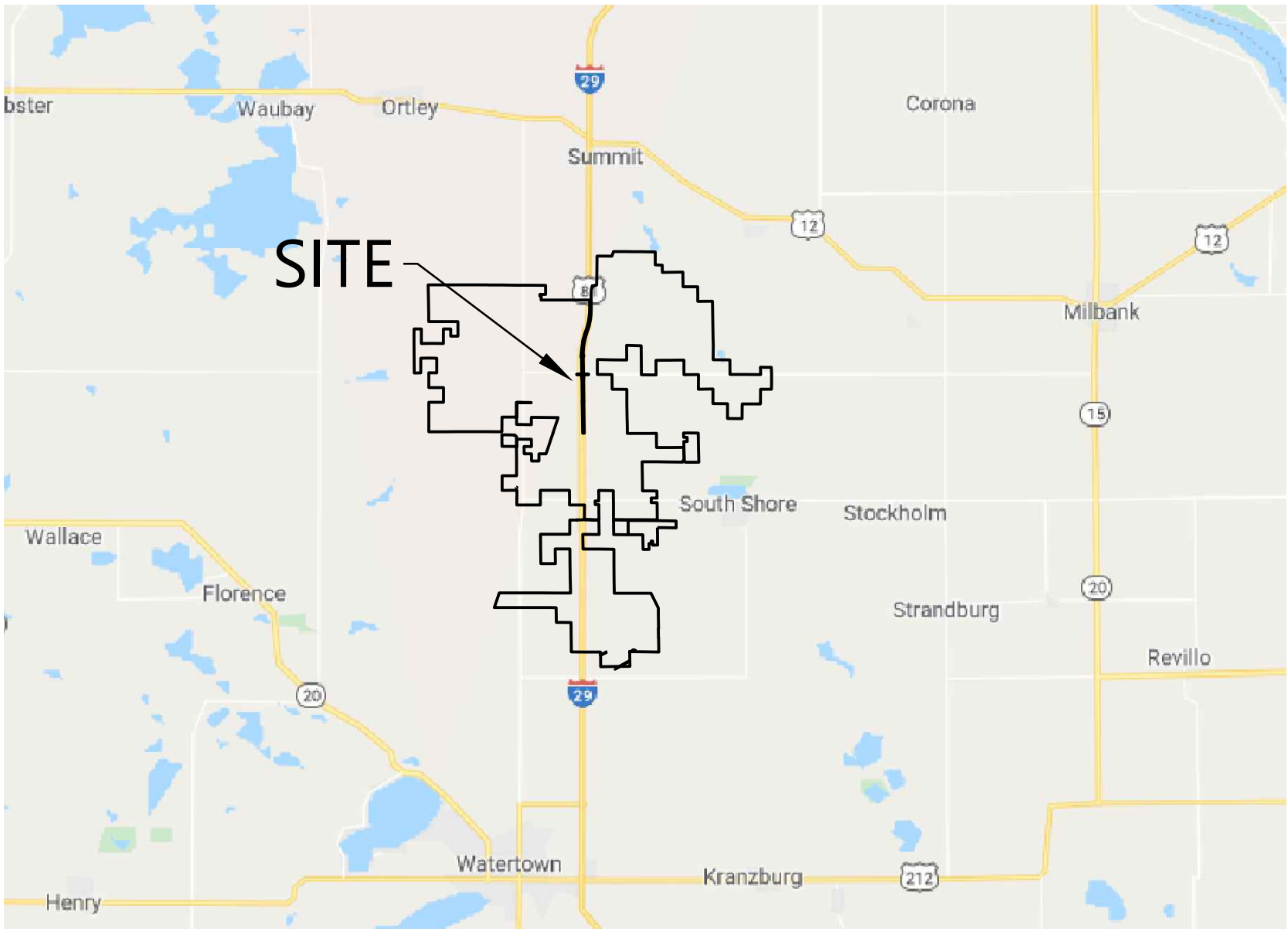
| Sheet Number    | Sheet Title                                   | REV |
|-----------------|-----------------------------------------------|-----|
| NH-277478-8-29  | Site Plan T-058                               | 7   |
| NH-277478-8-30  | Site Plan T-059 - T-060                       | 7   |
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| NH-277478-8-38  | Site Plan T-071 - T-072                       | 7   |
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| NH-277478-8-41  | Turbine Site Plan T-003 T-005 - T-006 T-011   | 7   |
| NH-277478-8-42  | Turbine Site Plan T-012 T-015 - T-017         | 7   |
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| NH-277478-8-44  | Turbine Site Plan T-023 - T-026               | 7   |
| NH-277478-8-45  | Turbine Site Plan T-028 T-030 - T-032         | 7   |
| NH-277478-8-46  | Turbine Site Plan T-033 - T-034 T-036 - T-037 | 7   |
| NH-277478-8-47  | Turbine Site Plan T-040 T-045 - T-046 T-050   | 7   |
| NH-277478-8-48  | Turbine Site Plan T-053, T-055, T-057, T-058  | 7   |
| NH-277478-8-49  | Turbine Site Plan T-059 - T-062               | 7   |
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| NH-277478-9-1   | Substation Grading Plan                       | 3   |
| NH-277478-9-2   | Substation Section Views                      | 3   |
| NH-277478-10-1  | Site Plan O&M                                 | 1   |
| NH-277478-10-2  | O&M Grading Plan                              | 1   |
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| NH-277478-11    | Laydown Yard Grading Plan                     | 0   |
| NH-277478-12-1  | Temporary Improvement 1                       | 0   |
| NH-277478-12-2  | Temporary Improvement 2                       | 4   |
| NH-277478-12-3  | Temporary Improvement 3-4                     | 0   |
| NH-277478-12-4  | Temporary Improvement 5                       | 0   |
| NH-277478-12-5  | Temporary Improvement 6                       | 0   |
| NH-277478-12-6  | Temporary Improvement 7                       | 0   |
| NH-277478-12-7  | Temporary Improvement 8                       | 0   |
| NH-277478-12-8  | Temporary Improvement 9                       | 0   |
| NH-277478-12-9  | Temporary Improvement 10                      | 4   |
| NH-277478-12-10 | Temporary Improvement 11                      | 0   |
| NH-277478-12-11 | Temporary Improvement 12-13                   | 0   |
| NH-277478-12-12 | Temporary Improvement 14                      | 0   |
| NH-277478-12-13 | Temporary Improvement 15-16                   | 0   |

REGIONAL MAP



| DATA SET INFORMATION         |                                                          |           |           |
|------------------------------|----------------------------------------------------------|-----------|-----------|
| BASE FILE                    | FILE NAME / NOTES                                        | PROVIDER  | DATE      |
| AERIAL IMAGE                 | DakotaRange2016_20x1.jp2                                 | NAIP      | 4/20/2020 |
| LAND CONTROL                 | DKR_Landowner_Status_09102018.shp                        | Xcel      | 4/15/2020 |
| ALTA SURVEY                  | 35899_023-DKR-XPALTA.dwg                                 | Apex      | 4/23/2020 |
| TOPOGRAPHY                   | DKR_contours3D.dwg                                       | Apex      | 4/23/2020 |
| TURBINE ARRAY                | Foundation As Built Coordinates Table.xlsx               | Mortenson | 4/21/2021 |
| UNDERGROUND COLLECTION       | DKR-COL-KMZ -jb&fc.kmz                                   | Mortenson | 3/5/2021  |
| STREAMS/WETLANDS             | ACAD-DKR_Layout_2018-11-14-Model.dwg                     | Xcel      | 4/15/2020 |
| CULTURAL RESOURCES           | ACAD-DKR_Layout_2018-11-14-Model.dwg                     | Xcel      | 4/15/2020 |
| FEMA INFO                    | OSI_Level3_Survey_Area_20181002.shp                      | Xcel      | 4/15/2020 |
|                              | ACAD-DKR_Layout_2018-11-14-Model.dwg                     | Xcel      | 4/15/2020 |
| REPORTS / PLANS              |                                                          |           |           |
| TURBINE DELIVERY MANUAL      | Site Preparation Specifications - 0006-5131 V09.pdf      | Xcel      | 3/22/2020 |
| TURBINE VEHICLE DIAGRAMS     | *                                                        | *         | *         |
| TURBINE TRANSPORTATION STUDY | *                                                        | *         | *         |
| GEOTECHNICAL REPORT          | Ex 2.3.2 DKR 1 and 2_geotechnical report_final.pdf       | Xcel      | 6/11/2020 |
| PUBLIC ROAD STUDY            | *                                                        | *         | *         |
| HYDROLOGY REPORT             | 2020-07-29 Dakota Range I & II Hydro Report Combined.pdf | Westwood  | 7/30/2020 |
| SWPPP                        | 2020_07_30_Dakota Range I & II Wind SWPPP Binder.pdf     | Westwood  | 7/30/2020 |
| WETLAND REPORT               | DKR_AECOM_Wetland_Boundaries_05-10-2021 (1).kmz          | Xcel      | 5/12/2021 |
| CULTURAL REPORT              | DKR_SWO_All_Recommended_Avoidance_Buffers_202105         | Xcel      | 5/12/2021 |
| LAST UPDATE                  |                                                          | 5/13/2021 |           |

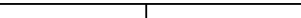
VICINITY MAP

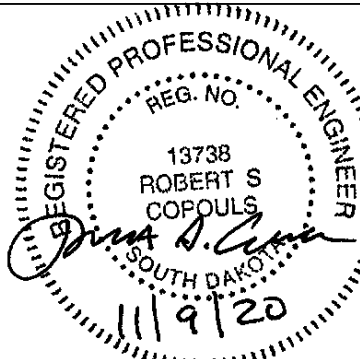


| PROJECT CONTACT INFORMATION |             |                 |                |
|-----------------------------|-------------|-----------------|----------------|
| TITLE                       | COMPANY     | NAME            | CONTACT NUMBER |
| Project Manager             | Xcel Energy | Robert Sandling |                |
| Project Lead                | Xcel Energy | Ahmed Issahak   | 612-205-0272   |
| Project Manager             | Mortenson   | John Riley      | 763-287-5112   |
| Project Manager             | Westwood    | Dave Keleher    | 952-906-7409   |
| Project Manager             | Westwood    | Dani Nygren     | 952-906-7493   |
| Engineer of Record          | Westwood    | Rob Copouls     | 952-906-7470   |

**Westwood**

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Westwood Professional Services, Inc.

| NO      |  |              | REVISION |             | ZONE | DATE     | BY | CHK            | ENG | NO       | REVISION |                | ZONE | DATE    | BY | CHK            | ENG | REFERENCE DRAWINGS |  |           |  | <br>NORTHERN STATES POWER COMPANY<br>Dakota Range I & II Wind Farm<br>CODDINGTON AND GRANT COUNTY, SD |  | THIS MAP/DOCUMENT IS A TOOL<br>TO ASSIST EMPLOYEES IN THE<br>PERFORMANCE OF THEIR JOBS.<br>YOUR PERSONAL SAFETY IS<br>PROVIDED FOR BY USING<br>SAFETY PRACTICES.<br>PROCEDURES, AND EQUIPMENT<br>AS DESCRIBED IN THE SAFETY<br>TRAINING PROGRAMS AND<br>MANUALS. |  | UNIT 0<br>Civil Access Roads                |  |       |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |  |
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| DWG NO. |  | MANUFACTURER |          | DESCRIPTION |      | DWN: ZHW |    | DATE: 05-13-21 |     | CHK: DFK |          | DATE: 05-13-21 |      | PM: DFK |    | DATE: 05-13-21 |     | PROJ. NO: 22717    |  | APVD: RSC |                                                                                       | DATE: 05-13-21                                                                                                                                                                             |  | SCALE: NONE                                                                                                                                                                                                                                                      |  | ENERGY SUPPLY<br>ENGINEERING & CONSTRUCTION |  | Cover |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |          |  |      |  |      |  |    |  |     |  |     |  |    |  |  |
| NO      |  | REVISION     |          | ZONE        |      | DATE     |    | BY             |     | CHK      |          | ENG            |      | NO      |    | REVISION       |     | ZONE               |  | DATE      |                                                                                       | BY                                                                                                                                                                                         |  | CHK                                                                                                                                                                                                                                                              |  | ENG                                         |  | NO    |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  | REVISION |  | ZONE |  | DATE |  | BY |  | CHK |  | ENG |  | NO |  |  |



NORTHERN STATES POWER COMPANY  
Dakota Range I & II Wind Farm  
CODDINGTON AND GRANT COUNTY, SD

THIS MAP/DOCUMENT IS A TOOL TO ASSIST EMPLOYEES IN THE PERFORMANCE OF THEIR JOBS. YOUR PERSONAL SAFETY IS PROVIDED FOR BY USING SAFETY PRACTICES, PROCEDURES, AND EQUIPMENT AS DESCRIBED IN THE SAFETY TRAINING PROGRAMS AND MANUALS.

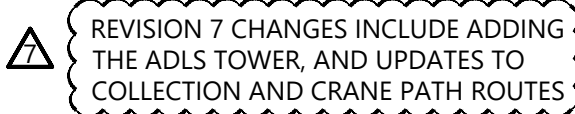
REVISION 7 CHANGES INCLUDE ADDING THE ADLS TOWER, AND UPDATES TO COLLECTION AND CRANE PATH ROUTES

REVISION 8 CHANGES INCLUDE ADLS TOWER ROAD ADJUSTMENTS AND ADDING ADLS FIBER/POWER LINE



| A                    |               | B                   |                 | C                |                                | D                             |                                                       | E                                                    |                                             | F                                             |                                         | G     |         | H                   |      | I   |                     | J        |               |                                   |                     |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
|----------------------|---------------|---------------------|-----------------|------------------|--------------------------------|-------------------------------|-------------------------------------------------------|------------------------------------------------------|---------------------------------------------|-----------------------------------------------|-----------------------------------------|-------|---------|---------------------|------|-----|---------------------|----------|---------------|-----------------------------------|---------------------|-----------------|-----------------------------|----------------|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|----------------------------|--|--|--|--|--|--|--|--|--|
| TURBINE COORDINATES  |               |                     |                 |                  |                                |                               |                                                       |                                                      |                                             |                                               |                                         |       |         |                     |      |     |                     |          |               | CRANE TEMPORARY CROSSING SCHEDULE |                     |                 |                             |                |  |  |  |  |  | PUBLIC ROAD ENTRANCE CULVERTS |  |  |  |  |  |  |  |  |  | DRAINAGE CROSSING SCHEDULE |  |  |  |  |  |  |  |  |  |
| Record Turbine Index |               |                     |                 |                  |                                |                               |                                                       |                                                      |                                             |                                               |                                         |       |         |                     |      |     |                     |          |               |                                   |                     |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| Record Turbine ID    | Legacy WTG ID | Turbine Type        | Latitude (LL84) | Longitude (LL84) | Northing (UTM Zone 14, meters) | Easting (UTM Zone 14, meters) | Northing (South Dakota State Plane North Zone, US FT) | Easting (South Dakota State Plane North Zone, US FT) | Existing Ground Elevation (FT) [See Note 1] | Designed Pedestal Elevation (FT) [See Note 2] | Record Turbine Pedestal Elevations (FT) |       |         |                     |      |     |                     |          |               | Crossing Number                   | Type                | 2-Year Size     | Crossing Number             | Design Options |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
|                      |               |                     |                 |                  |                                |                               |                                                       |                                                      |                                             |                                               |                                         |       |         |                     |      |     |                     |          |               | Low Water Crossing Design         |                     | LWC Length (LF) | 2-Year Culvert Sizing (CMP) |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-001                | 1             | V136 - 3.6 MW - STE | 45.2205834      | -97.1002845      | 5009210.381                    | 649150.544                    | 519138.44                                             | 2715521.26                                           | 1898.62                                     | 1900.1                                        | 1900.96                                 | CP-01 | 33.9    | 1-24"; 2-18"        | EC1  | CMP | 1-30"; 2-24"; 4-18" | DC-1     | FLEXAMAT      | 60                                | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-002                | 2             | V136 - 4.2 MW - STE | 45.2213080      | -97.0946305      | 5009301.347                    | 649592.555                    | 519454.69                                             | 2716967.75                                           | 1914.82                                     | 1915.57                                       | 1915.57                                 | CP-02 | 74.47   | 1-30"; 2-24"; 3-18" | EC2  | CMP | 1-18"               | DC-2     | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-003                | 3             | V136 - 4.2 MW - STE | 45.2129768      | -97.0848546      | 5008393.997                    | 650382.036                    | 516509.66                                             | 2719594.44                                           | 1888.24                                     | 1889.1                                        | 1889.89                                 | CP-03 | 9168.45 | 1-72"; 2-54"; 3-48" | EC3  | CMP | 1-18"               | DC-3     | FLEXAMAT      | 80                                | 1-30"; 2-24"; 3-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-004                | 4             | V136 - 4.2 MW - STE | 45.2127486      | -97.0741757      | 5008388.601                    | 651221.175                    | 516525.77                                             | 2722347.70                                           | 1906.44                                     | 1907.9                                        | 1908.98                                 | CP-04 | 31.14   | 1-24"; 2-18"        | EC4  | CMP | 1-18"               | DC-4     | FLEXAMAT      | 80                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-005                | 5             | V136 - 4.2 MW - STE | 45.2139349      | -97.0656466      | 5008536.405                    | 651887.749                    | 517037.54                                             | 2724528.63                                           | 1917.69                                     | 1917.5                                        | 1918.96                                 | CP-05 | 161.08  | 1-24"; 2-18"        | EC5  | CMP | 1-18"               | DC-5     | FLEXAMAT      | 80                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-006                | 6             | V136 - 4.2 MW - STE | 45.2052170      | -97.0559659      | 5007586.206                    | 652671.210                    | 513951.72                                             | 2727137.28                                           | 2005.21                                     | 2003.3                                        | 2005.55                                 | CP-06 | 383.9   | 1-54"; 2-42"; 3-36" | EC6  | CMP | 1-18"               | DC-6     | FLEXAMAT      | 200                               | 1-30"; 2-24"; 3-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-007                | 7             | V136 - 3.6 MW - STE | 45.1996640      | -97.0895522      | 5006906.328                    | 650048.172                    | 511615.46                                             | 2718559.06                                           | 1893.86                                     | 1895.4                                        | 1895.36                                 | CP-07 | 24.304  | 1-24"; 2-18"        | EC7  | CMP | 1-18"               | DC-7     | FLEXAMAT      | 160                               | 1-30"; 2-24"; 3-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-008                | 8             | V136 - 4.2 MW - STE | 45.2006392      | -97.0846708      | 5007023.744                    | 650428.992                    | 512016.03                                             | 2719803.72                                           | 1910.48                                     | 1912.0                                        | 1912.58                                 | CP-08 | 460.22  | 1-30"; 2-24"; 4-18" | EC8  | CMP | 1-18"               | DC-8     | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-009                | 9             | V136 - 4.2 MW - STE | 45.2003851      | -97.0781534      | 5007007.693                    | 650941.537                    | 511984.03                                             | 2721485.92                                           | 1925.7                                      | 1925.28                                       | 1925.28                                 | CP-09 | 122.05  | 1-24"; 2-18"        | EC9  | CMP | 1-18"               | DC-9     | FLEXAMAT      | 100                               | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-010                | 10            | V136 - 4.2 MW - STE | 45.1984696      | -97.0685362      | 5006812.931                    | 651701.967                    | 511375.71                                             | 2723988.58                                           | 1927.32                                     | 1928.8                                        | 1929.67                                 | CP-10 | 11.42   | 1-18"               | EC10 | CMP | 1-18"               | DC-11    | FLEXAMAT      | 100                               | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-011                | 11            | V136 - 4.2 MW - STE | 45.1984123      | -97.0590736      | 5006824.387                    | 652445.331                    | 511443.26                                             | 2726426.93                                           | 1964.14                                     | 1964.6                                        | 1965.07                                 | CP-11 | 384.65  | 1-42"; 2-30"; 4-24" | EC12 | CMP | 1-18"               | DC-12    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-012                | 12            | V136 - 4.2 MW - STE | 45.1907845      | -97.0641384      | 5005967.457                    | 652067.854                    | 508616.65                                             | 2725223.06                                           | 1938.85                                     | 1940.3                                        | 1941.32                                 | CP-12 | 15.19   | 1-24"; 2-18"        | EC13 | CMP | 1-18"               | DC-13    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-013                | A15           | V136 - 4.2 MW - STE | 45.1770584      | -97.0609508      | 5004448.633                    | 652354.864                    | 503645.31                                             | 2726225.93                                           | 1957.24                                     | 1958.7                                        | 1959.67                                 | CP-13 | 43.56   | 1-30"; 2-24"; 4-18" | EC14 | CMP | 1-18"               | DC-14    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-014                | A16           | V136 - 4.2 MW - STE | 45.1700755      | -97.0612043      | 5003672.428                    | 652353.573                    | 501098.71                                             | 2726253.01                                           | 1957.31                                     | 1958.8                                        | 1959.98                                 | CP-15 | 3.66    | 1-18"               | EC15 | CMP | 1-18"               | DC-15    | FLEXAMAT      | 100                               | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-015                | 13            | V136 - 3.6 MW - STE | 45.1563945      | -97.0596936      | 5002155.462                    | 652508.792                    | 496128.16                                             | 2726823.47                                           | 1939.70                                     | 1940.3                                        | 1942.46                                 | CP-16 | 32.15   | 1-18"               | EC16 | CMP | 1-18"               | DC-16    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-016                | 14            | V136 - 4.2 MW - STE | 45.2293768      | -97.0279479      | 5010323.517                    | 654805.965                    | 523018.17                                             | 2734030.63                                           | 1964.00                                     | 1966.2                                        | 1969.26                                 | CP-17 | 371.51  | 1-30"; 2-24"; 3-18" | EC17 | CMP | 1-18"               | DC-17    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-017                | 15            | V136 - 4.2 MW - STE | 45.2319076      | -97.0210260      | 5010617.969                    | 655342.436                    | 524005.79                                             | 2735778.80                                           | 2000.20                                     | 2001.7                                        | 2001.77                                 | CP-18 | 4.57    | Crane Mat           | EC18 | CMP | 1-18"               | DC-18    | FLEXAMAT      | 50                                | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-018                | 16            | V136 - 4.2 MW - STE | 45.2266279      | -97.0133477      | 5010046.260                    | 655959.599                    | 522155.01                                             | 2737826.57                                           | 2020.20                                     | 2021.7                                        | 2022.18                                 | CP-19 | 40.37   | 1-42"; 2-30"; 3-24" | EC21 | CMP | 1-24"; 2-18"        | DC-19    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-019                | 17            | V136 - 4.2 MW - STE | 45.2268312      | -97.0083198      | 5010078.573                    | 656353.750                    | 522276.89                                             | 2739118.37                                           | 2031.36                                     | 2032.9                                        | 2033.24                                 | CP-20 | 11.58   | 1-18"               | EC22 | CMP | 1-24"; 2-18"        | DC-20    | FLEXAMAT      | 140                               | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-020                | 18            | V136 - 4.2 MW - STE | 45.2254795      | -97.0026832      | 5009939.355                    | 656799.963                    | 521838.12                                             | 2740587.88                                           | 2031.96                                     | 2031.2                                        | 2032.5                                  | CP-21 | 304.7   | 1-54"; 2-42"; 3-36" | EC23 | CMP | 1-18"               | DC-21    | FLEXAMAT      | 100                               | 1-36"; 2-24"; 4-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-021                | 19            | V136 - 4.2 MW - STE | 45.2259912      | -96.9981366      | 5010005.043                    | 657155.487                    | 522067.94                                             | 2741751.61                                           | 1984.13                                     | 1985.1                                        | 1986.62                                 | CP-22 | 17.95   | 1-18"               | EC24 | CMP | 1-18"               | DC-22    | FLEXAMAT      | 100                               | 1-48"; 2-36"; 3-30" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-022                | 20            | V136 - 3.6 MW - STE | 45.2267006      | -96.9931513      | 5010093.573                    | 657544.898                    | 522374.06                                             | 2743025.59                                           | 1960.38                                     | 1962.8                                        | 1961.74                                 | CP-23 | 3.03    | Crane Mat           | EC25 | CMP | 1-18"               | DC-24    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-023                | 22            | V136 - 4.2 MW - STE | 45.2154724      | -97.0377544      | 5008760.089                    | 654073.722                    | 517859.49                                             | 2731691.29                                           | 1968.00                                     | 1968.5                                        | 1969.17                                 | CP-24 | 179.86  | 1-36"; 2-30"; 3-24" | EC26 | CMP | 1-18"               | DC-27    | FLEXAMAT      | 100                               | 1-30"; 2-24"; 4-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-024                | 23            | V120 - 2.2 MW - STE | 45.2143087      | -97.0279127      | 5008649.654                    | 654849.646                    | 517528.41                                             | 2734241.35                                           | 1946.05                                     | 1949.3                                        | 1949.72                                 | CP-25 | 7.7     | 1-18"               | EC27 | CMP | 1-18"               | DC-28    | FLEXAMAT      | 100                               | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-025                | 27            | V136 - 4.2 MW - STE | 45.2215095      | -97.0230778      | 5009458.888                    | 655209.688                    | 520197.80                                             | 2735389.96                                           | 1969.93                                     | 1970.5                                        | 1971.48                                 | CP-26 | 40.68   | 1-36"; 2-30"; 3-24" | EC28 | CMP | 1-18"               | DC-29    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-026                | 28            | V136 - 4.2 MW - STE | 45.2209179      | -97.0114621      | 5009415.580                    | 656123.265                    | 520092.51                                             | 2738388.91                                           | 2003.77                                     | 2005.3                                        | 2004.63                                 | CP-28 | 4.525   | 1-18"               | EC30 | CMP | 1-18"               | DC-30    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-027                | 29            | V136 - 4.2 MW - STE | 45.2143893      | -97.0108332      | 5008691.531                    | 656190.518                    | 517719.81                                             | 2738638.71                                           | 1997.52                                     | 1999.0                                        | 1999.31                                 | CP-30 | 2866.74 | 1-54"; 2-42"; 3-36" | EC31 | CMP | 1-18"               | DC-31    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-028                | A11           | V136 - 4.2 MW - STE | 45.2200513      | -96.9988720      | 5009343.744                    | 657114.122                    | 519896.74                                             | 2741642.53                                           | 2009.45                                     | 2010.9                                        | 2011.3                                  | CP-31 | 13.32   | 1-24"; 2-18"        | EC32 | CMP | 1-18"               | DC-32    | FLEXAMAT      | 75                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-029                | 30            | V136 - 4.2 MW - STE | 45.2112810      | -97.0012938      | 5008364.729                    | 656948.105                    | 516678.19                                             | 2741137.31                                           | 1995.00                                     | 1996.5                                        | 1996.87                                 | CP-32 | 4.47    | 1-18"               | EC33 | CMP | 1-18"               | DC-33    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-030                | 31            | V136 - 4.2 MW - STE | 45.2112755      | -96.9930802      | 5008380.130                    | 657593.093                    | 516754.69                                             | 2743252.71                                           | 1993.04                                     | 1994.5                                        | 1995.11                                 | CP-33 | 7.5     | 1-24"; 2-18"        | EC34 | CMP | 1-18"               | DC-34    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-031                | 45            | V136 - 4.2 MW - STE | 45.2042468      | -97.0486189      | 5007492.348                    | 653250.802                    | 513667.15                                             | 2729042.57                                           | 2007.14                                     | 2006.1                                        | 2007.62                                 | CP-34 | 34.11   | 1-18"               | EC35 | CMP | 1-18"               | DC-35    | FLEXAMAT      | 50                                | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-032                | 46            | V136 - 4.2 MW - STE | 45.2040493      | -97.0402024      | 5007486.422                    | 653912.321                    | 513674.37                                             | 2731213.09                                           | 2007.12                                     | 2009.5                                        | 2009.58                                 | CP-35 | 12.71   | 1-18"               | EC36 | CMP | 1-18"               | DC-36    | FLEXAMAT      | 150                               | 1-30"; 2-24"; 3-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-033                | 47            | V136 - 4.2 MW - STE | 45.2003797      | -97.0395731      | 5007079.961                    | 653971.648                    | 512343.26                                             | 2731424.11                                           | 2014.89                                     | 2014.4                                        | 2015.73                                 | CP-36 | 169.44  | 1-54"; 2-42"; 3-36" | EC37 | CMP | 1-18"               | DC-37    | FLEXAMAT      | 100                               | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-034                | 48a           | V136 - 4.2 MW - STE | 45.1958026      | -97.0379350      | 5006574.615                    | 654112.658                    | 510691.03                                             | 2731907.10                                           | 2023.94                                     | 2025.4                                        | 2026.81                                 | CP-37 | 492.32  | 1-42"; 2-36"; 3-30" | EC38 | CMP | 1-18"               | DC-38    | FLEXAMAT      | 50                                | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-035                | 32            | V136 - 4.2 MW - STE | 45.2046119      | -97.0112887      | 5007604.471                    | 656181.512                    | 514153.10                                             | 2738652.96                                           | 1983.18                                     | 1984.7                                        | 1985.77                                 | CP-38 | 15.36   | 1-24"; 2-18"        | EC41 | CMP | 1-18"               | DC-39    | FLEXAMAT      | 100                               | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-036                | 26a           | V136 - 4.2 MW - STE | 45.1972147      | -97.0224450      | 5006761.177                    | 655325.500                    | 511351.98                                             | 2735878.60                                           | 2007.90                                     | 2007.8                                        | 2007.91                                 | CP-39 | 280.5   | 1-30"; 2-24"; 3-18" | EC43 | CMP | 1-18"               | DC-41    | FLEXAMAT      | 100                               | 1-30"; 2-24"; 3-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-037                | 33            | V136 - 4.2 MW - STE | 45.1974430      | -97.0110468      | 5006808.544                    | 656220.139                    | 511543.44                                             | 2738811.76                                           | 1999.66                                     | 2000.5                                        | 1999.67                                 | CP-40 | 31.05   | 1-30"; 2-24"; 3-18" | EC44 | CMP | 1-18"               | DC-42    | FLEXAMAT      | 50                                | 1-30"; 2-24"; 4-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-038                | A18           | V136 - 4.2 MW - STE | 45.1959950      | -96.9979887      | 5006673.038                    | 657249.760                    | 511140.38                                             | 2742195.12                                           | 2020.48                                     | 2022.0                                        | 2023.27                                 | CP-41 | 308.91  | 1-60"; 2-42"; 3-36" | EC45 | CMP | 1-18"               | DC-43    | FLEXAMAT      | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-039                | 40            | V136 - 4.2 MW - STE | 45.1963843      | -96.9926132      | 5006726.772                    | 657670.912                    | 511333.64                                             | 2743574.63                                           | 2038.09                                     | 2039.6                                        | 2040.41                                 | CP-42 | 10.307  | 1-18"               | EC46 | CMP | 1-30"; 2-24"; 4-18" | DC-44    | FLEXAMAT      | 100                               | 1-24"; 2-18"        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-040                | 41            | V136 - 4.2 MW - STE | 45.1961433      | -96.9880251      | 5006708.967                    | 658031.951                    | 511289.78                                             | 2744759.81                                           | 2023.61                                     | 2024.5                                        | 2026.16                                 | CP-43 | 367.57  | 1-72"; 2-54"; 3-42" | EC47 | CMP | 1-18"               | DC-45    | FLEXAMAT      | 50                                | 1-30"; 2-24"; 3-18" |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-041                | 42            | V136 - 4.2 MW - STE | 45.2034579      | -96.9789024      | 5007539.454                    | 658728.156                    | 514042.41                                             | 2747010.38                                           | 1946.05                                     | 1947.7                                        | 1948.42                                 | CP-44 | 2.905   | 1-18"               | EC48 | CMP | 1-18"               | ADLS - 4 | STANDARD DUTY | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-042                | 43a           | V136 - 4.2 MW - STE | 45.1971851      | -96.9731171      | 5006853.999                    | 659200.007                    | 511812.66                                             | 2748586.00                                           | 1938.25                                     | 1939.8                                        | 1940.38                                 | CP-45 | 7.31    | 1-18"               | EC49 | CMP | 1-18"               | ADLS - 5 | STANDARD DUTY | 50                                | 1-18"               |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-043                | 44            | V136 - 4.2 MW - STE | 45.1958828      | -96.9689521      | 5006717.542                    | 659530.789                    | 511378.32                                             | 2749676.69                                           | 1937.48                                     | 1939.0                                        | 1939.62                                 | CP-46 | 110.49  | 1-24"; 2-18"        | EC50 | CMP | 1-18"               | ADLS - 6 | STANDARD DUTY | 50                                | EX-GRADE LWC        |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |
| T-044                | 51            | V136 - 4.2 MW - STE | 45.18           |                  |                                |                               |                                                       |                                                      |                                             |                                               |                                         |       |         |                     |      |     |                     |          |               |                                   |                     |                 |                             |                |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                            |  |  |  |  |  |  |  |  |  |





| ITEM                  | LENGTH  |
|-----------------------|---------|
| PROPOSED ACCESS ROADS | 22.1 mi |
| PROPOSED CRANE PATH   | 35.3 mi |



## UNIT 0

### Civil Access Roads

## Overall Site Plan

NH-277478-3

REV  
8

REGISTERED PROFESSIONAL ENGINEER  
 REG. NO. 13738  
 ROBERT S. COPOULS  
 SOUTH DAKOTA  
 11/9/20

NORTHERN STATES POWER COMPANY  
Dakota Range I & II Wind Farm  
CODDINGTON AND GRANT COUNTY, SD

|          |       |                      |       |
|----------|-------|----------------------|-------|
| DWN: ZHW | DATE: | CHK:                 | DATE: |
| ENG: DFK | DATE: | CHK:                 | DATE: |
| PM: DFK  | DATE: | PROJ. NO: 22717      |       |
| APVD:    | DATE: | SCALE: 1" = 3000'-0" |       |

THIS MAP/DOCUMENT IS A TOOL  
TO ASSIST EMPLOYEES IN THE  
PERFORMANCE OF THEIR JOBS.  
YOUR PERSONAL SAFETY IS  
PROVIDED FOR BY USING  
SAFETY PRACTICES,  
PROCEDURES, AND EQUIPMENT  
AS DESCRIBED IN THE SAFETY  
TRAINING PROGRAMS AND  
MANUALS.

## ENERGY SUPPLY

### ENGINEERING & CONSTRUCTION



| NO |                         |  | REVISION |  | ZONE     | DATE | BY  | CHK | ENG | NO | REVISION |  | ZONE | DATE | BY                                                                                                                                                                                                                                                                                             | CHK | ENG | REFERENCE DRAWINGS                          |              |             |  | <br>NORTHERN STATES POWER COMPANY<br><b>Dakota Range I &amp; II Wind Farm</b><br>CDDINGTON AND GRANT COUNTY, SD |               |  | THIS MAP/DOCUMENT IS A TOOL TO ASSIST EMPLOYEES IN THE PERFORMANCE OF THEIR JOBS. YOUR PERSONAL SAFETY IS PROVIDED FOR BY USING SAFETY PRACTICES. PROCEDURES, AND EQUIPMENT AS DESCRIBED IN THE SAFETY TRAINING PROGRAMS AND MANUALS. |  | UNIT 0<br>Civil Access Roads |  |
|----|-------------------------|--|----------|--|----------|------|-----|-----|-----|----|----------|--|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|---------------------------------------------|--------------|-------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|--|
|    |                         |  |          |  |          |      |     |     |     |    |          |  |      |      |                                                                                                                                                                                                                                                                                                |     |     | DWG NO.                                     | MANUFACTURER | DESCRIPTION |                                                                                       |                                                                                                                                                                                                      |               |  |                                                                                                                                                                                                                                       |  |                              |  |
| A  | 60% CIVIL PLAN SET      |  |          |  | 06/09/20 | ZHW  | DJN | DJN |     |    |          |  |      |      |                                                                                                                                                                                                                                                                                                |     |     |                                             |              |             |                                                                                       |                                                                                                                                                                                                      |               |  |                                                                                                                                                                                                                                       |  |                              |  |
| B  | 90% CIVIL PLAN SET      |  |          |  | 07/06/20 | ZHW  | DFK | DFK |     |    |          |  |      |      |                                                                                                                                                                                                                                                                                                |     |     |                                             |              |             |                                                                                       |                                                                                                                                                                                                      |               |  |                                                                                                                                                                                                                                       |  |                              |  |
| 0  | IFC CIVIL PLAN SET      |  |          |  | 07/31/20 | ZHW  | DFK | DFK |     |    |          |  |      |      |                                                                                                                                                                                                                                                                                                |     |     |                                             |              |             |                                                                                       |                                                                                                                                                                                                      |               |  |                                                                                                                                                                                                                                       |  |                              |  |
| 1  | O&M GRADING PLAN        |  |          |  | 08/21/20 | IJH  | DFK | DFK |     |    |          |  |      |      |                                                                                                                                                                                                                                                                                                |     |     |                                             |              |             |                                                                                       |                                                                                                                                                                                                      |               |  |                                                                                                                                                                                                                                       |  |                              |  |
| 2  | ACCESS ROAD ADJUSTMENTS |  |          |  | 09/03/20 | ZCS  | DFK | DFK |     |    |          |  |      |      |                                                                                                                                                                                                                                                                                                |     |     |                                             |              |             |                                                                                       |                                                                                                                                                                                                      |               |  |                                                                                                                                                                                                                                       |  |                              |  |
| 3  | SUBSTATION GRADING PLAN |  |          |  | 09/18/20 | IJH  | DFK | DFK |     |    |          |  |      |      |                                                                                                                                                                                                                                                                                                |     |     |                                             |              |             |                                                                                       |                                                                                                                                                                                                      |               |  |                                                                                                                                                                                                                                       |  |                              |  |
|    |                         |  |          |  |          |      |     |     |     |    |          |  |      |      | DWN: ZHW    DATE:                      CHK:                      DATE:<br>ENG: DFK                      CHK:                      DATE:<br>PM: DFK                      DATE:                      PROJ. NO: 27717<br>APVD:                      DATE:                      SCALE: 1" = 40'-0" |     |     | ENERGY SUPPLY<br>ENGINEERING & CONSTRUCTION |              |             | Substation Grading Plan                                                               |                                                                                                                                                                                                      | NH-277478-9-1 |  | REV<br>3                                                                                                                                                                                                                              |  |                              |  |