



| REV | DESCRIPTION | DRWN | DSGN | APPD | DATE | REV | DESCRIPTION | DRWN | DSGN | APPD | DATE |
|-----|---|------|------|------|----------|-----|-------------|------|------|------|------|
| 1 | ISSUE FOR BID | CDB | CDB | DAM | 10/27/09 | | | | | | |
| 2 | ISSUED FOR CONSTRUCTION | CDB | CDB | DAM | 02/03/10 | | | | | | |
| 3 | MODIFIED CROSSING TEXT AND MILE INFORMATION | CDB | CDB | DAM | 03/11/10 | | | | | | |
| 4 | AS-BUILT | CDB | CDB | DAM | 03/07/11 | | | | | | |

| DESIGN INFORMATION | | | | | |
|--------------------|--------------------|-------------------|--------------|-------------|-------------|
| CONDUCTOR | SIZE | STRINGING TENSION | NESC TENSION | DESIGN R.S. | ACTUAL R.S. |
| | 1272 MCM 45/7 ACSR | 6501 | 12617 | 850 | 879 |
| | OPGW AC-71/571 | 2281 | 6035 | 850 | 879 |

| DESIGN INFORMATION | | DESIGN BY: DAM/CDB | | 10/12/09 | |
|--------------------|--|--------------------|--|---------------------------------|--|
| DRAWN BY: CDB | | 10/12/09 | | DESIGN CHK: MBN ENGRG. 01/08/10 | |
| DRAFT CHK: | | APPROVED: DAM | | 10/12/09 | |

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| STATE NAME: NORTH DAKOTA | NAD83 NDSPCS INTL FT NORTH ZONE | FACILITY: TRANSMISSION SYSTEM MAINTENANCE |
| LOCATION UNIT: 296-230KV LINE-WILLISTON SUBSTATION TO TIOGA SUBSTATION | | SCALE: AS SHOWN |
| WILLISTON TO TIOGA 230KV TRANSMISSION LINE | | COUNTY NAME: WILLIAMS |
| PLAN AND PROFILE | | BASIN DRAWING NO. 296-090-T3-022 |
| MILE 20 & 21 | | REV. 4 |