

Woodbury County Permit No. _____

PERMIT FOR USE OF COUNTY ROAD/HIGHWAY RIGHT-OF-WAY FOR OVERHEAD AND/OR BURIED UTILITIES ACCOMMODATION

REQUEST BY APPLICANT:

Name NORTHWEST IOWA POWER COOPERATIVE Highway _____
 Address 31002 COUNTY RD C38 Township _____
 Office Phone 712-546-4141 Local Phone _____ City of LE MARS
 Type of Utility Installation OVERHEADS 69KV TRANSMISSION Section: $\frac{1}{4}$ of $\frac{1}{4}$ Sec 3, 10, 15
 Plans Prepared By ANDREW PAULSON T 89 N, R 44 W
 Map Showing Location Enclosed Yes No Copy Enclosed Yes No
 Utility Location is cross right-of-way parallel to right-of-way
 overhead underground
 Proposed Method of Installation
 tunnel suspend on poles cased
 jack & bore suspend on towers trench
 open cut plow

Estimated Starting Date MAY 2023 Estimated Restoration Date SEPTEMBER 2023

The Applicant understands and agrees that the permitted work shall comply with all permit provisions and conditions listed on the reverse side hereof, and special provisions listed below or attached hereto, and any and all plans, details, or notes attached hereto and made a part thereof. Applicant is to complete in triplicate and send all copies including plans and maps to Woodbury County Engineer, 759 E. Frontage Road, Merville, IA 51039. One executed copy will be returned to the Applicant.

By [Signature] Title SYSTEM PROJECT ENGINEER
 (Signature of Authorized Utility Representative) Date 6/16/2022

PERMIT APPROVAL BY PERMITTING AUTHORITY

The forgoing application is hereby approved and permit issued by the Permitting Authority subject to full compliance by the Applicant with all provisions and conditions stated herein and on the reverse side hereof and all attachments hereto.

By [Signature] Title Chair
 (Signature of Woodbury County Board Chairman) Date 6/28/2022

By [Signature] Title County Engineer
 (Signature of Woodbury County Engineer) Date 6/28/2022

Other Special Provisions:

Permit Provisions and Conditions of Issuance

- The County and/or the County Board of Supervisors will not be charged with any responsibility for damages to the Applicant's property occasioned by any construction or maintenance operations on said county roads, including new or additional right-of-way acquired in connection therewith, subsequent to the building of the Applicant's facilities. The Board will endeavor to give the Applicant sufficient notice of any proposed construction or maintenance work, on either existing or newly acquired right-of-way that is likely to expose, cover up, or disturb any facilities belonging to the Applicant, in order that the Applicant may arrange to protect the facilities. The Board will inform contractors, and others working on the job of the location of the facilities so that reasonable care may be taken to avoid damaging the facilities, however the County and the Board of Supervisors will assume no responsibility for failure to give such notice.

2. The Applicant shall take all reasonable precaution during the construction of said facilities to protect and safeguard the lives and property of the adjacent property owners and the traveling public and shall save the County and the Board of Supervisors harmless of any damages or losses that may be sustained by adjacent property owners and the traveling public on account of such construction operations.
3. Operations in the construction and maintenance of said facilities shall be carried on in such a way as to not interfere with, or interrupt traffic on said roads. However, should the performance of work called for in this permit in any way interfere with or obstruct traffic on said roads, the Applicant shall provide the necessary flagmen as required by the Statutes when one-way traffic is involved and/or otherwise mark said work so as to protect the traveling public.
4. The Applicant shall hold the County and the Board of Supervisors harmless from any damages that may result to said highway because of the construction or maintenance of said facilities and shall reimburse the County or the Board of Supervisors for any expenditures that the County or the Board of Supervisors may have to make on said roads on account of replacement of surfacing gravel and bridge and culvert repairs.
5. Applicant shall lay, construct, operate and maintain said facilities so as not to interfere with natural drainage of the road and so as not to interfere with the construction or maintenance of said roads. When buried cable or wire lines are to be placed lengthwise with the roadway, they shall be placed in the County road shoulder or ditch near the toe of the fore-slope and parallel to centerline of roadbed at a depth of three (3) to four (4) feet by using specially designed plows or by trenching, whichever is appropriate. Plow slots and trenches shall be repacked as necessary to restore the disturbed area to its original condition. For buried line crossings of roadways not paved, an open trench may be dug and the lines placed therein, and the trench back-filled over the lines. Buried line crossings on paved roadways, lines may be placed through the sub-grade by jacking, or by boring a hole just large enough to take the lines; or if the County Engineer approves, a tunnel may be dug through and the cable or wire lines placed therein. All backfill of tunnels and trenches shall be thoroughly compacted in layers of 6" or less in depth. Back-filling of trenches within the right-of-way by not under the traveled roadway shall be tamped sufficiently to avoid settlement. When crossing an existing roadway, all buried facilities shall be placed a minimum of three (3) to four (4) below the bottom of the existing adjacent ditches. Overhead lines, where practical, shall be placed adjacent to and with two (2) feet of the Road/Highway Right-of-Way Line.
6. The Applicant will at any time subsequent to placing the facilities, and at the Applicant's expense, relay, replace, alter, change, reconstruct, or relocate its overhead and/or buried facilities and appurtenances thereto as may become necessary to conform to new grades, alignment, or widening right-of-way, resulting from maintenance or construction operations by the County Board of Supervisors irrespective of whether or not additional right-of-way is acquired in connection with such road improvements. The Applicant agrees to do this within ninety (90) days written notice from the Board of Supervisors, and without cost to the County. If the Applicant is unable to comply within said ninety (90) days, the Board of Supervisors may cause the work to be done and the Applicant will pay the cost thereof upon receipt of statement.
7. All work shall be done in a workmanlike manner; the surrounding ground, slopes, and ditch bottoms shall be reshaped to conform to the area and left in a neat condition satisfactory to the County Engineer. All areas where sod has been damaged or destroyed shall be re-seeded.
8. The Applicant shall notify the County Board of Supervisors at least forty-eight (48) hours in advance of the Applicant's intention of starting work covered by this permit on the road right-of-way. Said notice shall be in writing to the County Engineer.
9. Applicant, its' successors, grantees and assigns shall and hereby agrees to assume all responsibility, risks and liabilities for all accidents and damages that may occur to persons and/or property on account of the work done under this permit, and to this end, indemnify and hold the County and all authorized representatives thereof harmless from any and all claims, damages, losses, and expense including judgements, costs and including attorney's fees, for personal injuries (including death) or property damage arising or resulting from the activities of the Applicant in connection herewith, now and at all times in the future.
10. It is understood that this permit is issued only insofar as Woodbury County has jurisdiction and does not presume to release the Applicant from fulfilling any existing statutes relating to the installation, construction and operation of said facilities.
11. It is further understood that the facilities covered by this permit shall be constructed or installed within one (1) year after the date of approval of this permit, unless otherwise extended in writing by Woodbury County.
12. Engagement in the operations as herein applied for by the Applicant shall be considered and constitute an acceptance of all the terms and conditions herein set forth.

**NORTHWEST IOWA POWER COOPERATIVE
2023 TRANSMISSION LINE REBUILD
WOODBURY CO
VICINITY & PARCEL MAP**



Legend

Existing Route to be Rebuilt

Section

Township_Range

Landowner Notification Status

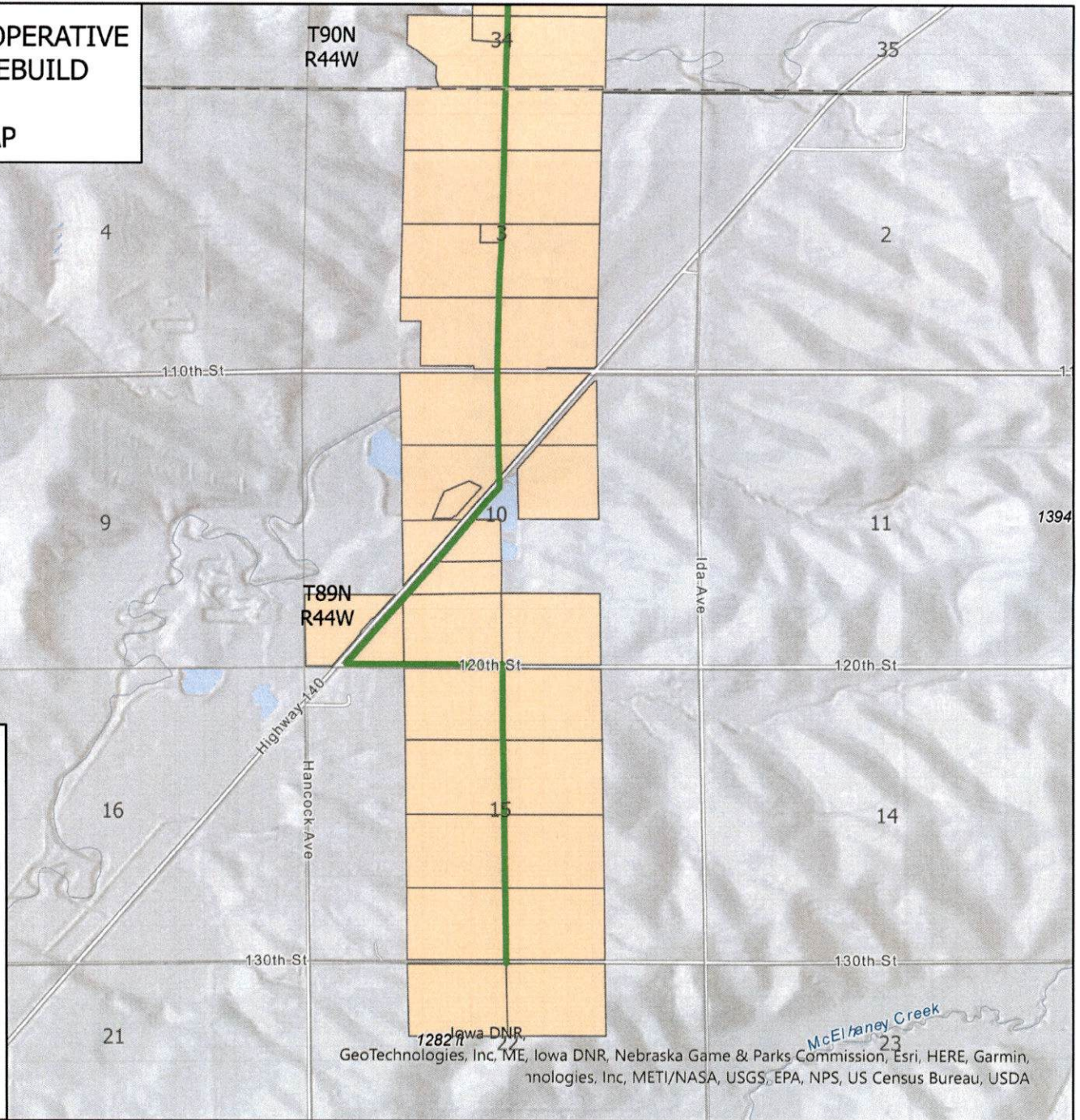
Letter Not Yet Sent

No Response

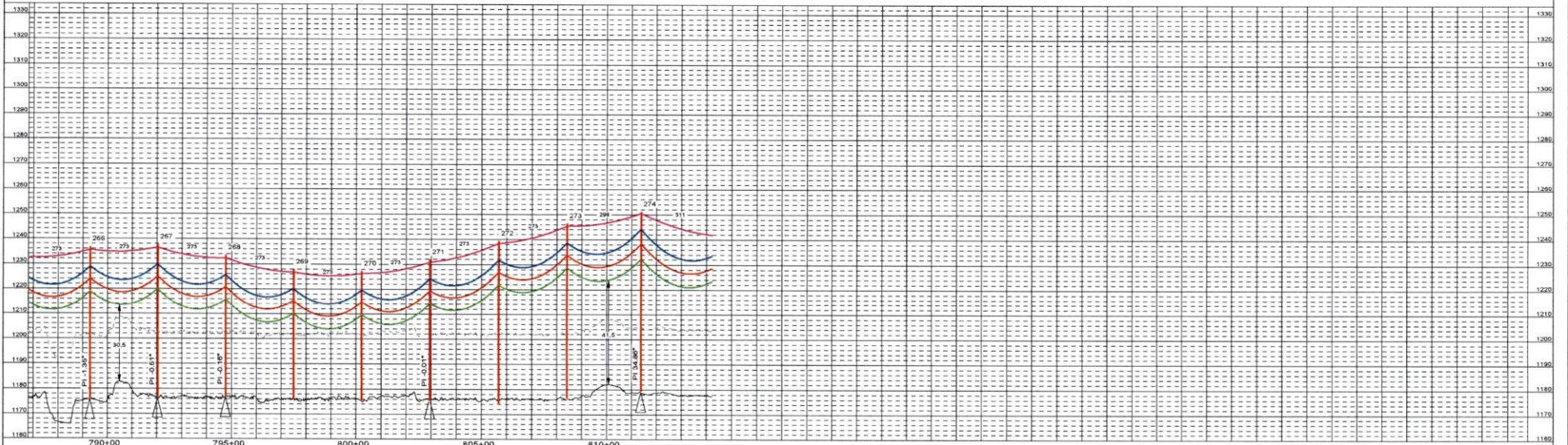
Received

Special Instructions

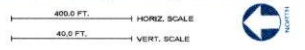
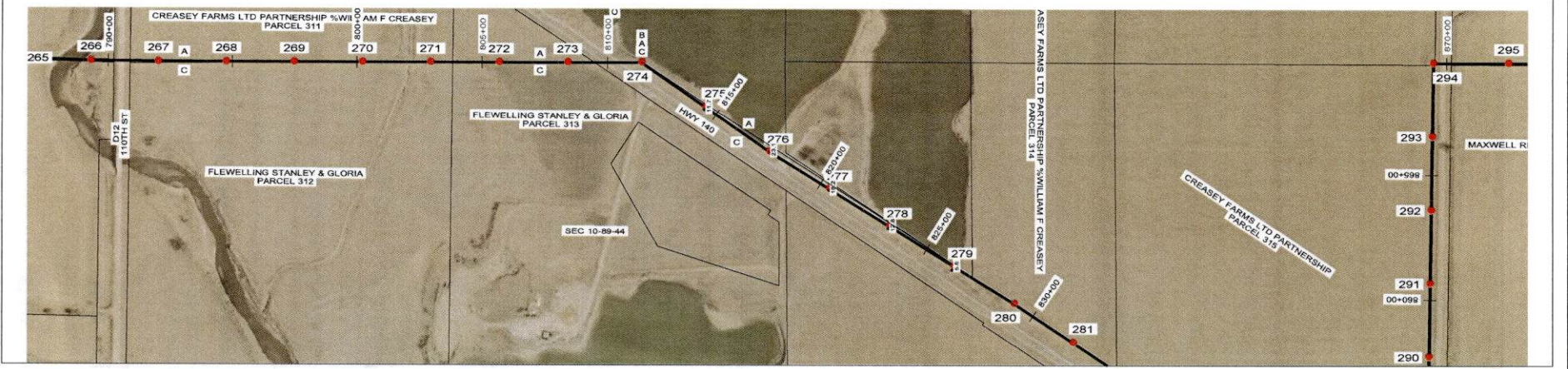
Other



Iowa DNR,
GeoTechnologies, Inc, ME, Iowa DNR, Nebraska Game & Parks Commission, Esri, HERE, Garmin,
Technologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA



266 STA=789+30 3-2.788 TP=49.070(H2) TM=2F	267 STA=792+03 3-2.788 TP=49.070(H1) TM=2F	268 STA=794+76 3-2.778 TP=49.065(H1) TM=2F	269 STA=797+49 3-2.788 TP=49.060(H1) TM=2F	270 STA=800+21 3-2.788 TP=49.060(H1) TM=2F	271 STA=802+94 H1 ADJUST=-1.00 3.2823 TP=49.065(H1) TM=2F	272 STA=805+67 3-2.810 TP=49.075(H1) TM=2F	273 STA=808+40 3-2.808 TP=49.080(H2) CB=274 (2)TM=2AF (3)TM=1PS TM=CSR 8PS 7'2" AGL	274 STA=811+37 3-2.808 TP=50.555P,274
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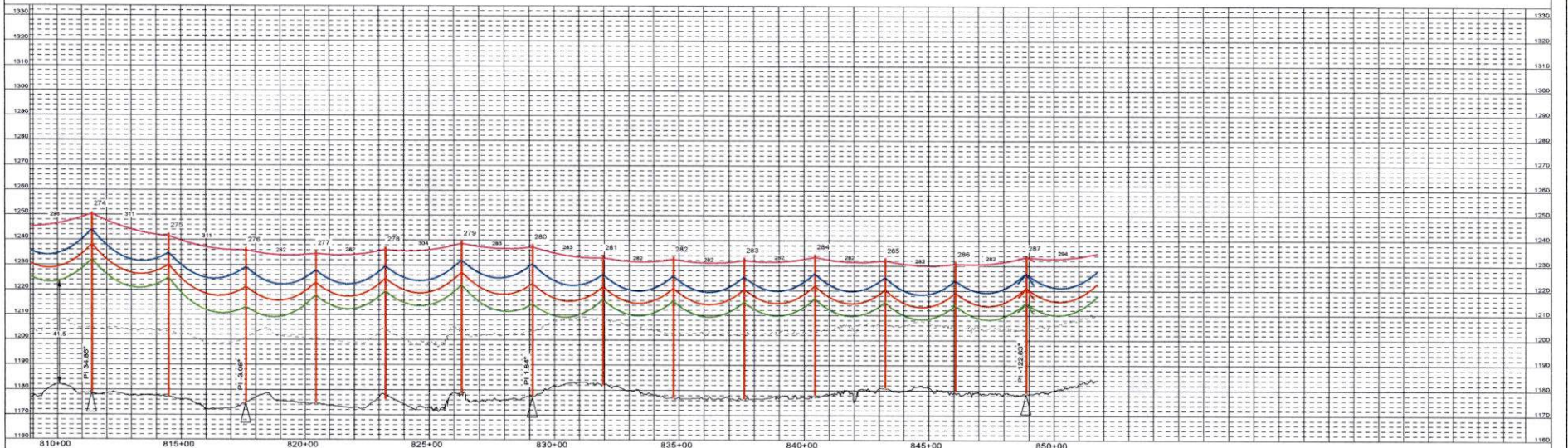
REV	DATE	DESCRIPTION	REV	DATE	DESCRIPTION
A	4-25-2022	RELEASED FOR CONSTRUCTION BIDS			
B	6-8-2022	RELEASED FOR CONSTRUCTION			



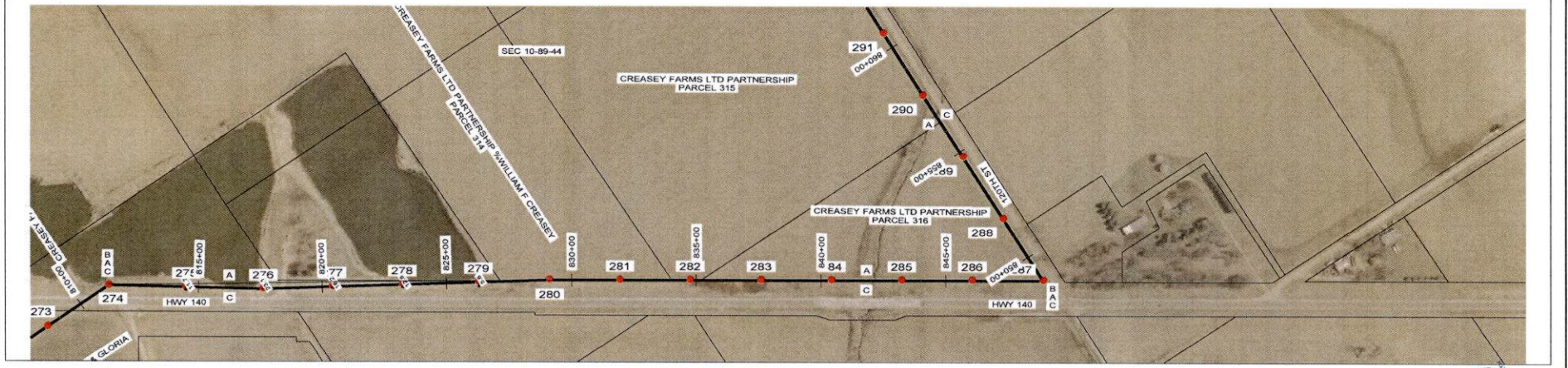
PROJECT MANAGER: AWP
 DESIGNER: AWP
 PROJECT NUMBER: 72721
 PHONE: (712) 546-4141

CONDUCTOR: 477 HAWK ACBR
 DESIGN TENSION: 5.000# DTHL
 SHIELD WIRE: OPGW 0.51"
 DESIGN TENSION: 3350# DTHL
 PULLING STRAIN: 300
 SAGS: PHASE AT 212 F, S.W. AT -20 F INITIAL

K331 TO K334 WOODBURY COUNTY			
PROFILE	LINE	SECTION	SHEET
P	3	01	9A



274 STA=811+37 3-283R TS=0.0000P(274) CB=274 (2)TM=2AF GTM=SP TM=CSB, SPG 72' AGL	275 STA=814+46 3-284R TP=89.075(H2) TM=2F	276 STA=817+60 3-285R TP=89R.LWP(276) TM=2F 62' AGL	277 STA=820+42 3-286R TP=89.070(H1) TM=2F	278 STA=823+24 HT 43.3 JUST=2.00 3-287R TP=89.070(H1) TM=2F	279 STA=826+28 3-288R TP=89.070(H2) TM=2F	280 STA=829+11 3-289R TP=89R.LWP(280) TM=2F 61' AGL	281 STA=831+94 3-290R TP=89.060(H1) TM=2F	282 STA=834+76 3-291R TP=89.065(H1) TM=2F	283 STA=837+58 3-292R TP=89.085(H1) TM=2F	284 STA=840+41 3-293R TP=89.065(H1) TM=2F	285 STA=843+23 3-294R TP=89.060(H1) TM=2F	286 STA=846+06 3-295R TP=89.060(H1) TM=2F	287 STA=848+88 3-296R TS=0.0000P(287) CB=287 (2)TM=2AF SPG 65' AGL
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400.0 FT. HORIZ. SCALE
40.0 FT. VERT. SCALE

REV	DATE	DESCRIPTION	REV	DATE	DESCRIPTION
A	4-25-2022	RELEASED FOR CONSTRUCTION BIDS			
B	6-8-2022	RELEASED FOR CONSTRUCTION			



PROJECT MANAGER: AWP
DESIGNER: AWP
PROJECT NUMBER: 72721
PHONE: (712) 546-4141

CONDUCTOR: 477 HANK AOSR
DESIGN TENSION: 5.000# DTHL
#4 BILD WIRE: 0103V 5.51"
DESIGN TENSION: 338# DTHL
PULLING SPIRAL: 300
SAGS: PHASE AT 212 F. S.W. AT -20 P.FINAL

K331 TO K334 WOODBURY COUNTY		PROFILE	LINE	SECTION	SHEET
		P	3	01	9B

