

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

REQUEST BY APPLICANT:

Name MidAmerican Energy Company

Highway 330th Street D54

Address 2351 East County Line Road, Des Moines, IA 50320

Township _____

City of N/A

Office Phone 224-769-0327

Local Phone _____

Section: 1/4 of 1/4 Sec 27-34-35 & 36

Type of Utility Installation 1.25" HDPE continous conduit w/48ct fiber optic

T 86 N, R 41 W

Plans Prepared By Civil Design Advantage

Copy Enclosed x Yes _____ No _____

Map Showing Location Enclosed x Yes _____ No _____

Utility Location is 330th Street D54 cross right-of-way
overhead

330th Street D54
& Story Ave parallel to right-of-way
x underground

Proposed Method of Installation

<u>_____</u> tunnel	<u>_____</u> suspend on poles	<u>_____</u> cased
<u>x</u> jack & bore	<u>_____</u> suspend on towers	<u>_____</u> trench
<u>_____</u> open cut	<u>x</u> plow	

Estimated Starting Date Spring-2021

Estimated Restoration Date summer-2021

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 Simon Schwandt
(Signature of Authorized Utility Representative)

Title Project Manager

Date 2/19/21

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]
(Signature of Woodbury County Board Chairman)

Title Chairman

Date 3/2/2021

By Mark J. Mahan
(Signature of Woodbury County Engineer)

Title County Engineer

Date 3/2/2021

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.

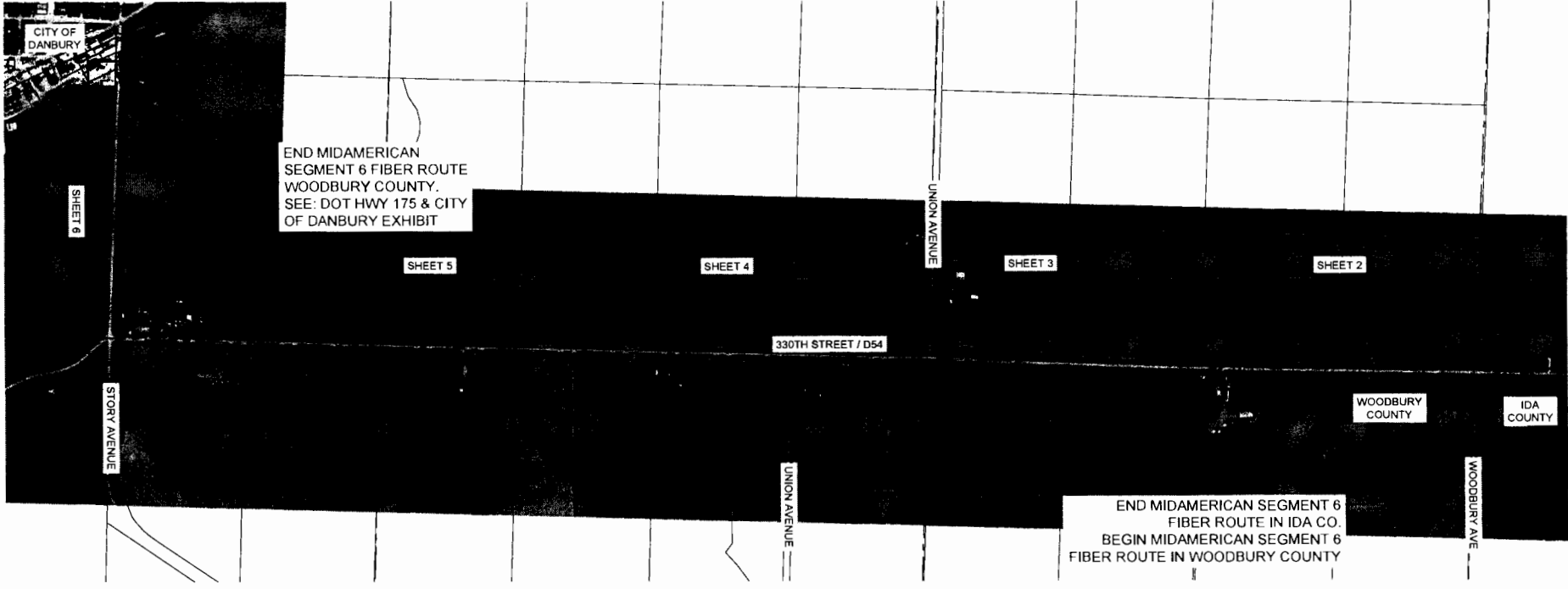
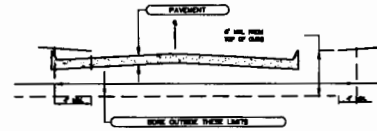
2. The Applicant shall take all reasonable precaution during the construction of said facilities to protect and safeguard the lives and property of the adjacent property owners and the traveling public and shall save the County and the Board of Supervisors harmless of any damages or losses that may be 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.



NOTES

1. ALL ROADS, PAVED DRIVEWAYS AND SIDEWALKS WILL BE BORED. BORE DEPTH FOR MIDAMERICAN 1.25" HDPE CONDUIT W/AT-3CEN2YT-048 FIBER OPTIC PARALLEL TO ALL WOODBURY COUNTY ROADS WILL BE A MINIMUM DEPTH OF 42". ALL CULVERTS WILL BE BORED TO A MINIMUM DEPTH OF 60" BELOW EXISTING FLOWLINE
2. DISTANCES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR WILL FIELD VERIFY CONDITIONS AND MATERIALS NEEDED PRIOR TO CONSTRUCTION.
3. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CONTRACTOR TO OBTAIN ALL APPLICABLE PERMITS INCLUDING BUT NOT LIMITED TO CLOSURE PERMITS. ALL PERMITS SHALL BE OBTAINED PRIOR TO CONSTRUCTION.
4. THERE ARE NO LANE CLOSURES OR TRAFFIC DISRUPTIONS ANTICIPATED WITH THIS PROJECT.

SPECIAL STREET CROSSING (BORE) DETAIL
THIS DETAIL APPLIES TO ALL PUBLIC STREET CROSSING



UTILITY WARNING

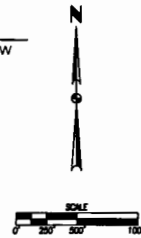
ANY UTILITIES SHOWN HAVE BEEN LOCATED FROM MAPS AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL THE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION SHOWN.

PROPOSED SEGMENT 6 WOODBURY CO:

- MIDAMERICAN 1.25" HDPE CONDUIT W/AT-3CEN2YT-048 FIBER OPTIC IN WOODBURY CO. ROW
- FC--- PLOW 1.25" = 14,679 LF (2.78 MILES)
- FC--- BORE 1.25" = 1,470 LF (0.28 MILES)
- PROPOSED HANDHOLES = 3



1-800-292-8989
www.iowatonecall.com



LEGEND

TELEPHONE PEDESTAL	⊞	SIGN	⊞
WATER VALVE	⊞	POWER POLE	⊞
FIRE HYDRANT	⊞	TELEVISION PEDESTAL	⊞
TELEPHONE LINE	—T—	SANITARY SEWER MANHOLE	⊞
CABLE TELEVISION LINE	—TV—	STORM SEWER MANHOLE	⊞
FIBER OPTICS LINE	—F—	ROUND STORM SEWER INTAKE	⊞
WATERMAIN	—W—	STORM SEWER INTAKE	⊞
STORM SEWER	—ST—	BORE CONDUIT	---FC---
SANITARY SEWER	—S—	PLOW CONDUIT	---FC---
GAS LINE	—G—	HANDHOLE	⊞
ELECTRIC LINE	—E—	FIBER OPTIC VAULT	⊞
OVERHEAD ELECTRIC LINE	—OE—	FIBER OPTIC MANHOLE	⊞

PROJECT # 2009538

REVISIONS: _____ DATE: _____

3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111-5051
PH: (515) 369-4400 Fax: (515) 369-4410

TECH: _____ ENGINEER: _____

ES&A
CIVIL DESIGN ADVANTAGE

WHITING TO ECLIPSE
SEGMENT 6-WOODBURY CO
MIDAMERICAN FIBER ROUTE

WOODBURY COUNTY, IOWA

1/7
2009538