



Form 810025 (03-16)

APPLICATION AND AGREEMENT FOR USE OF HIGHWAY RIGHT-OF-WAY FOR UTILITIES ACCOMMODATION

FOR DEPARTMENT USE ONLY

Permit Number 77U-2619-227	Highway Number US 69	County
DOT Project Number NHSX-69-4(68)--3H-77		Expiration/Completion Date 11-19-20

APPLICANT (INDIVIDUAL OR COMPANY)

First Name Travis	Middle Initial H	Last Name Haney	Phone Number 5152526457	Ext.
Company Name MidAmerican Energy Gas Distribution			Phone Number	Ext.
Street Address 10510 Douglas Avenue		City/Town Urbandale	State IA	ZIP Code 50322
e-Mail Address thaney@midamerican.com		Secondary e-Mail Address		

INSTALLATION TO BE ACCOMMODATED

Approval is hereby requested to enter within the state highway right-of-way for the accommodation of a utility installation as detailed on the attachments and further described as follows.

The installation shall consist of:

MEC will BORE 150' of 2" PLS 60 psig gas Main under U.S. Highway 69 (@ Milepost 91.70, Station 464), beginning in the East of Highway 69 in the ROW and continuing due West to the East property line of 6678 NE 14th St. Des Moines, Iowa.

MEC will then install approx. 120' of 2" PLS 60 psig gas Main running South along the West side of Highway 69 in the ROW to Milepost 91.65, Station 462.

Lastly, a 260', 2" PLS gas Service will be installed off of the gas Main (Station 463) that was installed West of Highway 69 in the ROW.

and shall be located as shown on the detailed plan attached hereto. (See current Iowa Department of Transportation Utility Accommodation Policy for submittal of detailed plan requirements. See Section 115.8 (3). <http://www.iowadot.gov/traffic/pdfs/UtilityPolicy.pdf>)

WORK SITE LOCATION

The proposed work as described above is located in Section 2NE, Twp. 79N, Range 24W on Highway No. 69 generally located 500' (miles) NORTH (direction) from NE 66th Ave (city, county line, or other landmark). Work proposed is more specifically located as being from 91.70 (Milepost #) and 464 + 00 (Highway Station) to 91.65 (Milepost #) and 462 + 00 (Highway Station) on the East & West side of highway.

Disclosure Statement: The information furnished on this form will be used by the Department of Transportation to determine approval or denial of the application. Failure to provide all pertinent information will result in denial of the application. Information furnished is public information and copies may be provided to the public upon request.

The utility company, corporation, applicant, permit holder or licensee, (hereinafter referred to as the Permit applicant) agrees with the Iowa Department of Transportation (hereafter referred to as the Department) that the following stipulations and those special requirements as listed on this document shall govern under this permit after it is approved by the Department.

A. General

1. The installation shall meet the requirements of local municipal, county, state, and federal franchise rules and regulations, regulations and directives of the Iowa State Commerce Commission; the Iowa Department of Natural Resources, all rules and regulations of the Department and any other laws or regulations applicable.
2. The Permit Holder shall be fully responsible for any future adjustments of the facilities within the established highway right-of-way caused by highway construction or maintenance operations.
3. As per Section 115.8(8) of the Utility Accommodation Policy, As-Built plans are due within 90 days after completion of construction, the utility owner shall submit to the district representative an as-built plan.
4. The work described in this permit shall be completed as proposed in compliance with the stipulations and special requirements within one year from the date Department approval is received for said request. Failure on the part of the Permit Holder to abide by the stipulations or in constructing the work described as stipulated and within the time frame stated shall render this agreement and request null and void. The Permit Holder also agrees to save the State of Iowa and the Department harmless of any damages or losses that may be sustained by any person, or persons, on account of the conditions and requirements of this agreement.
5. Non-compliance with any of the terms of the Department's policy, permit, or agreement, may be considered cause for shut-down of construction operations, revocation of the permit, or withholding of relocation reimbursement and/or withholding of future application approvals until compliance is confirmed. The cost of any work deemed necessary to be performed by the State in removal of non-complying construction will be assessed against the Permit Holder.

B. Construction and Maintenance

1. The location, construction and maintenance of the utility installation covered by this application shall be in accordance with the current Department's Utility Accommodation Policy. <http://www.iowadot.gov/traffic/pdfs/UtilityPolicy.pdf>
2. Before beginning any work in the highway right-of-way, it is the responsibility of the Permit Holder to obtain an easement from the drainage district if necessary. The Department assumes no responsibility for advising the Permit Holder of each location of a drainage district crossing. It is the Permit Holder's responsibility to locate these crossings and obtain any necessary easements or permission from the drainage district. See Code of Iowa, Chapter 468 for additional information.
3. A copy of the approved permit shall be available on the job site at all times for examination by Department personnel.
4. Operations in the construction and maintenance of this utility installation shall be carried on in such a manner as to cause minimum interference to or distraction of traffic on said highway.
5. Traffic protection shall minimally be in accordance with Part VI of the current Manual on Uniform Traffic Control Devices for Streets and Highways. The applicant shall be responsible for correctly using traffic control devices including signs, warning lights, and channelizing devices as needed while work is in progress or the clear zone is impacted. Flagging operations are the responsibility of the applicant. The Department's TC XXX Series Standards are the preferred traffic control specification plans. http://www.iowadot.gov/design/standalone_tc.htm
6. The applicant shall seed and mulch all disturbed areas within the highway right-of-way and shall be responsible for the vegetative cover until it becomes well established. Any surfaced areas such as driveways or shoulders and sodded waterways and plantings which are disturbed shall be restored to their original condition. Any damage to any other underground facilities during installation shall be repaired at the permit holder's expense.
7. All personnel in the highway right-of-way shall wear ANSI 107 Class 2 apparel at all times when exposed to traffic or construction equipment.
8. As per Policy Section 115.4(9) parking or storage in the clear zone is prohibited. When not in actual use, vehicles, equipment and materials shall not be parked or stored within the clear zone or median.
9. Unless specifically noted in Special Requirements section, all work performed within the right-of-way shall be restricted to 30 minutes after sunrise to 30 minutes before sunset.
10. Pedestals shall be placed within 12 inches of the right-of-way line.
11. All above and below ground appurtenances (pedestals, hydrants, drains, accesses, etc.) shall be marked with high visibility posts and signs. The minimum height requirement for the signs shall be 5 foot. Urban Roadway Sections may be exempted with department approval.

C. Liability

1. To the extent allowable by law, the Permit Holder agrees to indemnify, defend, and hold the Department harmless from any action or liability arising out of the design, construction, maintenance, placement of traffic control devices, inspection, or use of the Permit Holder's facilities. This agreement to indemnify, defend, and hold harmless applies to all aspects of the Department's application review and approval process, plan and construction reviews, and funding participation.
2. The Permit Holder shall indemnify and save harmless the State of Iowa, its agencies and employees, from any and all causes of action, suits at law or in equity, for losses, damages, claims or demands, and from any and all liability and expense of whatsoever nature, arising out of or in connection with the Permit Holder's use or occupancy of the public highway.
3. The State of Iowa and the Department assume no responsibility for damages to the Permit Holder's property occasioned by any construction or maintenance operations on said highway if the facilities are not located in accordance with this permit.
4. The State of Iowa, its agencies or employees, will be liable for expense incurred by the Permit Holder in its use and occupancy of the highway right-of-way only when negligence of the State, its agencies or employees, is the sole proximate cause of such expense. Whether in contract, tort or otherwise, the liability of the State, its agencies and employees, is limited to the reasonable, direct expense to repair damaged utilities, and in no event will such liability extend to loss of profits or business, indirect, special, consequential or incidental damages.

D. Notification

1. The Permit Holder is responsible for contacting **Iowa One-Call (1-800-292-8989)** and request the location of all underground utilities forty-eight (48) hours before excavation. Before beginning work in the highway right-of-way, the Permit Holder shall also contact any other known utility located in the area of the proposed work.
2. The Permit Holder agrees to give the Department forty-eight (48) hour notice of its intention to start construction or to perform routine maintenance on the highway right-of-way. Said notice shall be made to the local DOT contact person whose name is shown on Page 3.
3. **511 Notification**-In accordance with Iowa Code section 321.348, cities and utilities **may not obstruct or close** primary highways or primary highway extensions (State highways within city limits) **without prior consent of the Iowa DOT**, except in emergency situations. Before setting up a lane closure or a vertical/horizontal restriction of any kind on a primary highway, call your local Iowa DOT Maintenance garage and call the Traffic Management Center per attached documents. Except in emergency situations, a 10 day advance notice is required.

<http://www.iowadot.gov/traffic/utility/pdfs/511UtilityNotification.pdf>

E. Buy America

Buy America applies to relocations of utility facilities that must move due to highway projects under certain specific conditions that include reimbursable locations and relocations due to interstate projects. Please contact the Department's District Engineering Operation Technician (EOT) for more information on Buy America requirements or visit the following link: <http://www.iowadot.gov/traffic/utility/utility.htm>


Permit Number: _____

FOR DEPARTMENT USE ONLY

Special Requirements - in addition to the stipulations above, the following special requirements shall apply to this permit:

Applicant Signature and Agreement

The undersigned have read the stipulations of this permit agreement as stated, as well as attachments which may be included, and by signing this application agree to abide by all stipulations and to complete the work as proposed in compliance with the stipulations and attachments within one year from the date Department approval is granted for said request. Failure on the part of the applicant to abide by the stipulations or to construct the work desired as stipulated and within the time frame stated shall render this agreement and request null and void. The undersigned also agrees to save harmless the State of Iowa and the Iowa Department of Transportation from any damage or losses that may be sustained by any person or persons on account of the conditions and requirements of this agreement.

Name of Agent (Print or Type) Travis Haney	Agent/Owner (Signature) 	Title Gas Engineer
Name of Owner (Print or Type) MidAmerican Energy		Date 11/14/2019
e-Mail Address thaney@midamerican.com		

CITY ACTION (IF PROPOSED WORK IS WITHIN AN INCORPORATED CITY, CITY ACTION IS REQUIRED)

"The undersigned city joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned city and recommends action on said permit application as noted below by the delegated city official".


Recommend Approval Do Not Recommend Approval None Required

Handwritten Signature	Title	Date
Type or Print Name	Authorized Official for the City of	
e-Mail Address		

COUNTY ACTION (IF PROPOSED WORK CROSSES COUNTY RIGHT-OF-WAY, COUNTY ACTION IS REQUIRED)

"The undersigned county joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned county and recommends action on said permit application as noted below by the delegated county official".

Recommend Approval Do Not Recommend Approval None Required

Handwritten Signature 	Title County Engineer	Date 11-18-19
Type or Print Name Kurt D. Bailey	Authorized Official for the County of Polk	
e-Mail Address kurt.bailey@polkcountyiaowa.gov		

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval Do Not Recommend Approval None Required

Authorized FHWA Representative Signature	Date
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DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved Application Denied

Authorized Highway District Representative Jeffrey Cunningham	Signature 	Permit Number: 77U-2019-227
e-Mail Address jeffrey.cunningham@iowadot.us		Date 11-19-19

Notice of intention to commence activities on the highway rights-of-way shall be submitted by the applicant a minimum of 48 hours prior to actually commencing the activities as herein granted by this approved application. Notice is to be given to the following Iowa Department of Transportation representative. Except in emergencies a 10 day advance notice is required for lane restrictions of any kind:

Local DOT Contact Person (Type or Print Name) Eric Lack			Phone Number 515-265-1614
Street Address 1530 NE 53rd Ave		City/Town Des Moines	State ZIP Code IA 50313
e-Mail Address eric.lack@iowadot.us			

Permit Number: _____



District One
Des Moines Area Engineer's Office

November 20, 2019

Permit 77U-2019-227

MidAmerican Energy Gas Distribution
Attn: Travis Haney
10510 Douglas Avenue
Urbandale, IA 50322

Enclosed is a copy of approved permit number 77U-2019-227, Application and Agreement for use of Highway Right of Way for Installing 2" PLS 60 psig gas main. at stations 464+00 to 462+00 on US 69.

Please note the stipulations and changes that we may have made since the permit was submitted.

A copy of this permit must be at the work site at all times while work is in progress.

If you have any questions, please feel free to call.

Sincerely,

Jeffrey Cunningham
Access\Utility Specialist

Attachments
JC/jc.

Cc: Jeffrey McCollough, IDOT 800 Lincoln Way Ames IA, 50010
Eric Lack, IDOT 1530 NE 53rd Ave Des Moines IA 50313
Kurt Bailey, Polk County 5885 NW 14th Street Des Moines IA 50313
File



Special Requirements:

All Material or equipment shall be kept 10 feet off the Right of Way during non-working hours.

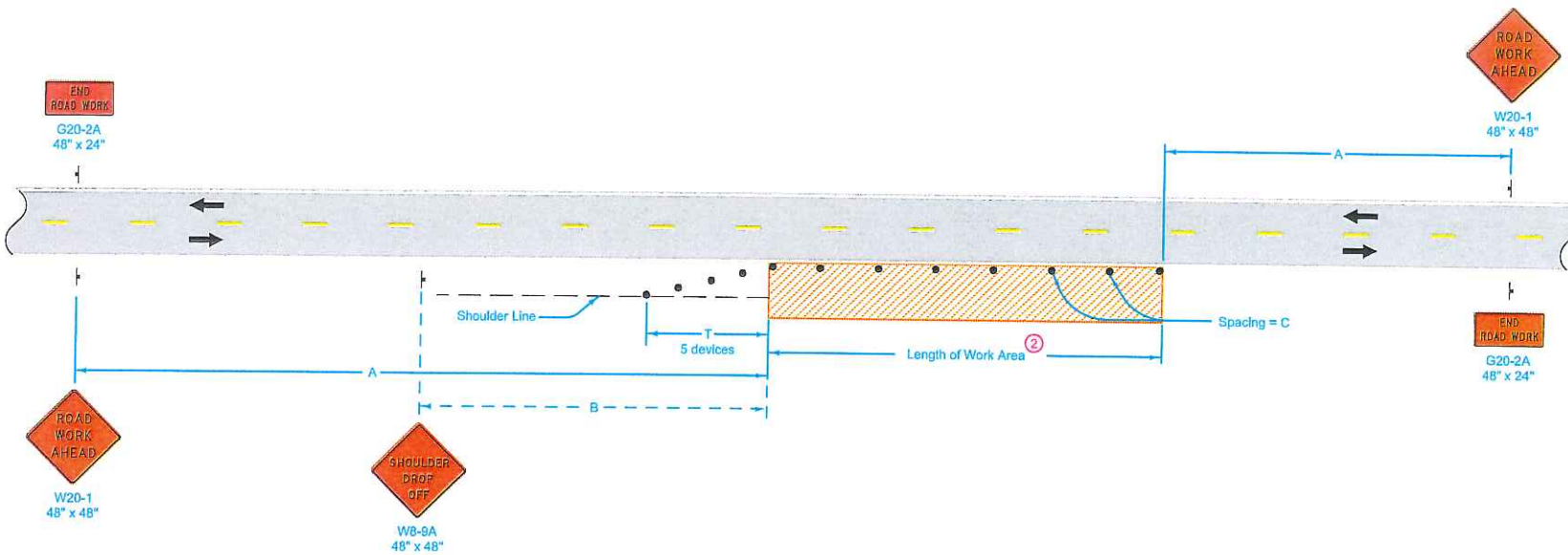
No hole shall remain open within the Right of Way during non-working hours.

Right of Way shall be restored immediately upon completion of project.

No parking on shoulders.

No digging into side slopes of any road or highway shall be allowed.

Proper traffic control shall be used at all times.



LEGEND

- Traffic Sign
- 42" Channelizer
- Work Area
- Direction of Traffic

SPEED LIMIT (mph)	A	B	C ^②	T
35 or less	500'	250'	40'	100'
40 - 45	700'	350'	80' ^①	200'
50 or greater	1000'	500'	100' ^①	200'

When a pavement edge drop-off exists, install a SHOULDER DROP-OFF sign.

No pavement edge drop-offs greater than pavement depth will be allowed during non-working hours.

Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.

For work lasting less than one hour, refer to TC-1.

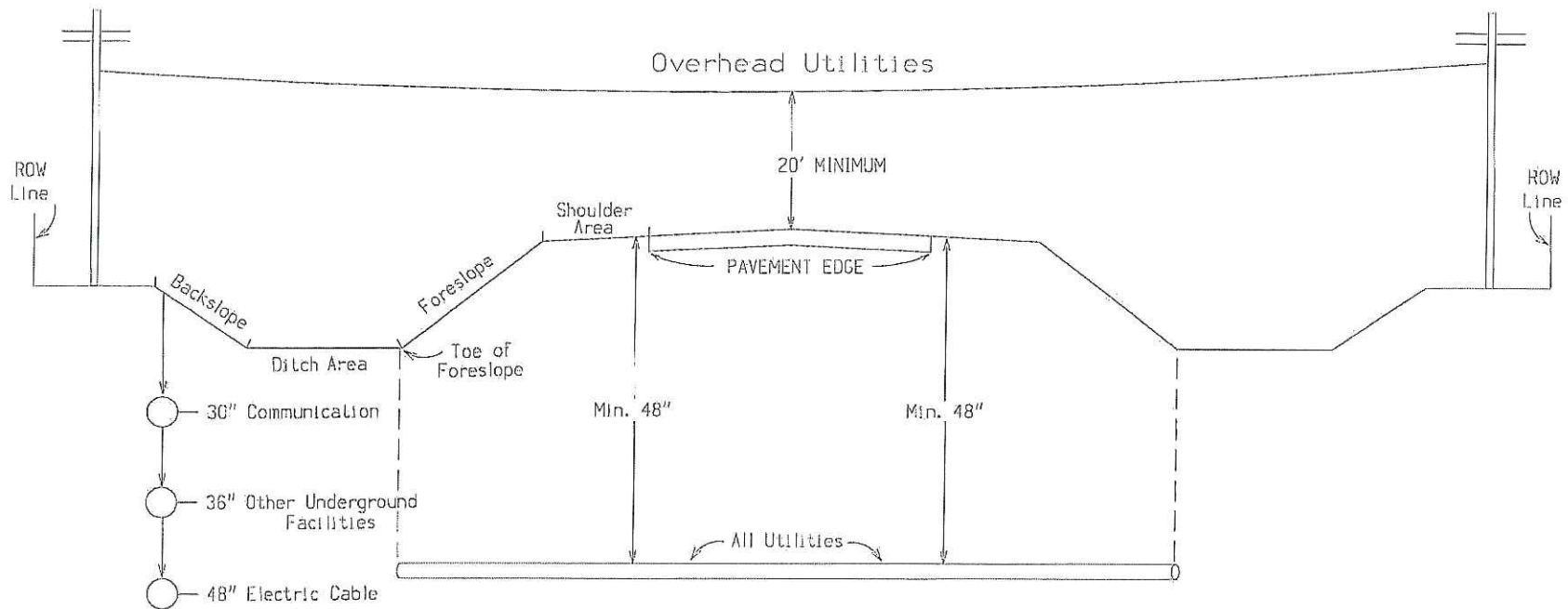
^① When the length of a pavement edge drop-off is 1000 feet or less, the temporary fillet requirement of Article 1107.08 of the Standard Specifications does not apply. Reduce channelizer spacing to 40 feet.

^② For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

Possible Contract Item:
Traffic Control

IOWA DOT	REVISION	
	8	04-21-15
STANDARD ROAD PLAN		TC-202
		SHEET 1 of 1
REVISIONS: Modified general notes, changed title and replaced the DOT logo in the title block with the new version.		
<i>Brian Smith</i> APPROVED BY DESIGN METHODS ENGINEER		
WORK WITHIN 15 FT OF TRAVELED WAY		

Minimum Policy Requirements Rural Section Non-Freeway Highway



E-9

Notes:

Utilities shall be located between the toe of foreslope and the highway row line.
 Utilities should be located as near to the highway row line as practical.
 See Utility Policy, Section 115.13 for further details.

Acceptable Clear-zone Distances (feet).

design speed	design ADT	FORESLOPES				BACKSLOPES		
		6:1 or flatter	Steeper than 6:1, up to and including 4:1	Steeper than 4:1	Steeper than 4:1*	4:1 or flatter, up to 6:1	6:1 or flatter	
40 mph or less	ADT < 750	7	7	**	7	7	7	
	750 ≤ ADT < 1500	10	12	**	10	10	10	
	1500 ≤ ADT < 6000	12	14	**	12	12	12	
	ADT ≥ 6000	14	16	**	14	14	14	
45 - 50 mph	ADT < 750	10	12	**	8	8	10	
	750 ≤ ADT < 1500	14	16	**	10	12	14	
	1500 ≤ ADT < 6000	16	20	**	12	14	16	
	ADT ≥ 6000	20	24	**	14	18	20	
55 mph	ADT < 750	12	14	**	8	10	10	
	750 ≤ ADT < 1500	16	20	**	10	14	16	
	1500 ≤ ADT < 6000	20	24	**	14	16	20	
	ADT ≥ 6000	22	26	**	16	20	22	
60 mph	ADT < 750	16	20	**	10	12	14	
	750 ≤ ADT < 1500	20	26	**	12	16	20	
	1500 ≤ ADT < 6000	26	30	**	14	18	24	
	ADT ≥ 6000	30	30	**	20	24	26	
65 - 70 mph	ADT < 750	18	20	**	10	14	14	
	750 ≤ ADT < 1500	24	28	**	12	18	20	
	1500 ≤ ADT < 6000	28	30	**	16	22	26	
	ADT ≥ 6000	30	30	**	22	26	28	

* Backslopes as steep as 2.5:1 can be considered as part of the clear zone, as long as they are relatively smooth and do not contain any fixed objects. Refer to Section 8A-4 of the Design Manual for information regarding backslopes steeper than 2.5:1.

** Since a vehicle traveling on a slope steeper than 4:1 is likely to be diverted to the bottom of the slope, the width of any slope steeper than 4:1 cannot be counted in the clear zone determination. Refer to Section 8A-2 of the Design Manual for information on providing clear recovery areas at the base of steep slopes.

LEGEND

- EXISTING 60 PSIG SYSTEM - - - - -
- EXISTING 125 PSIG SYSTEM - · - - - -
- PROPOSED 60 PSIG SYSTEM - - - - -

20' UE

NE 14TH ST / HWY 69

6" XT 125# (125#) 1980

10' GAS EASEMENT FROM EXISTING 10' GAS EASEMENT TO ROW
SPL - NE 36TH ST

INSTALL APPROX 150' OF 2" PLS 60# GAS MAIN APPROX 65' NNCL - ENTRANCE TO VERMEER WITHIN 10' PUE & ROW
*** INSTALL 10 FEET DEEP***

METER SET LOCATION

2" FULL OPEN TEE 2" PLS PIPE RISER APPROX 65' NNCL - ENTRANCE TO VERMEER 27.5' WWCL - NE 14TH ST WITH ROW 2" PLS BF CAP @ EOM LEAVE PUP

6678 NE 14TH ST

2" PLS 60# MAIN TO BE INSTALLED PER WMIS 2736387

2" PL 60# (60#) 2019 ONE WAY FEED

2" FULL OPEN TEE APPROX 65' NNCL - ENTRANCE TO VERMEER 45' EECL - NE 14TH ST WITHIN 10' PUE LEAVE PUP

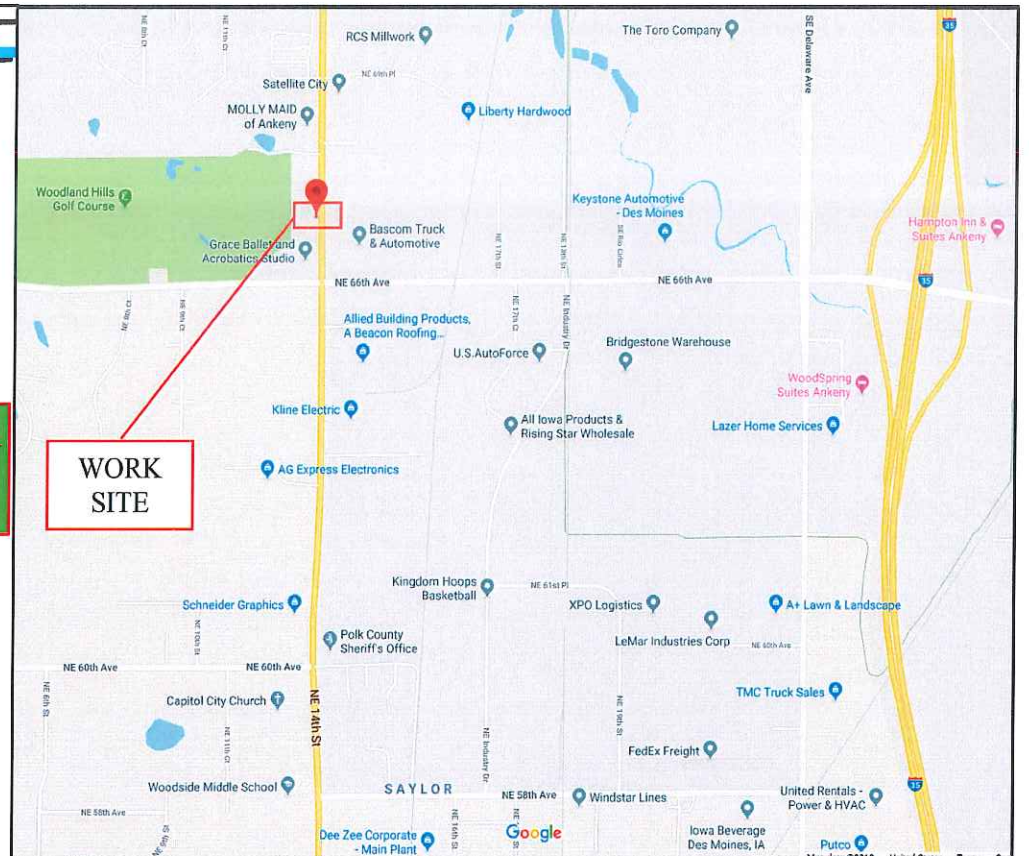
EOM 2" BF CAP APPROX 15' SSCL - ENTRANCE TO VERMEER 27.5' WWCL - NE 14TH ST WITH ROW

ENTRANCE TO VERMEER (6678 NE 14TH ST)

INSTALL APPROX 120' OF 2" PLS 60# GAS MAIN APPROX 27.5' WWCL - NE 14TH ST WITHIN ROW
CUSTOMER TO STAKE FINAL GRADE OF ENTRANCE

PROPOSED MAIN SEWER 7' DEEP

28'E/C



NOTES:
INSTALLER OR SUPERVISOR MUST CALL DESIGNER PRIOR TO THE START OF WORK TO SCHEDULE AND HOLD A PRE-CONSTRUCTION MEETING WITH THE DESIGNER.

1. UNLESS OTHERWISE NOTED, ALL FEEDS ARE TO BE ASSUMED ONE-WAY.
2. ALL WORK, INCLUDING PRESSURE TESTING AND PURGING, TO BE COMPLETED ACCORDING TO MEC GAS STANDARDS.
3. PRESSURE MUST BE MONITORED ON ALL SIDES OF ALL STOPPERING/SQUEEZE POINTS THAT SHOULD MAINTAIN PRESSURE.
4. DEVELOPER TO STAKE ALL UTILITY EASEMENTS, ROW AND ANY OTHER KNOWN OBSTRUCTIONS IN THE GAS RUNNING LINE.
5. INSTALLER TO NOTIFY CUSTOMER OF ANY CONSTRUCTION WORK THAT MAY AFFECT THEIR PROPERTY.
6. BORING ONLY UNDER STREET CROSSINGS UNLESS OTHERWISE SPECIFIED.



Cust: VERMEER
Addr: 6678 14th
City: Des Moines

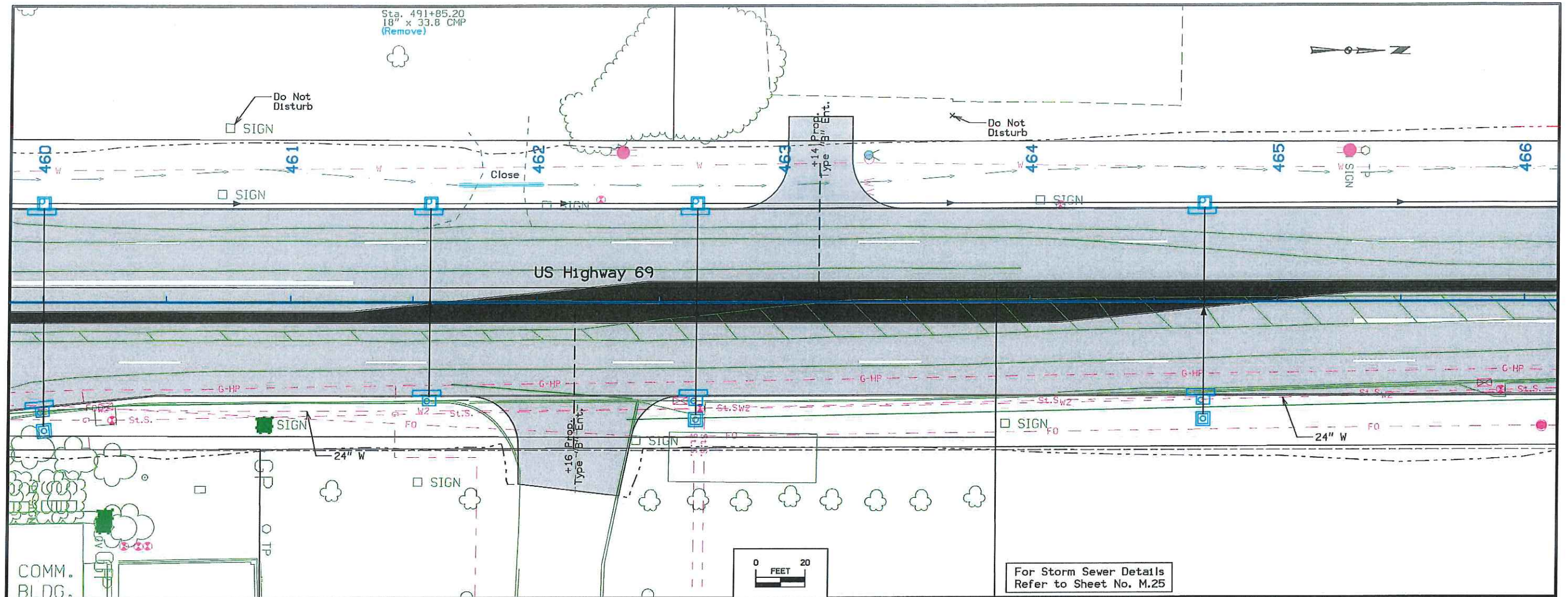
ST
X = 1613084 Y = 612902

WMS_REV:2784638-1
Date: 11/4/2019
Scale: NTS
Designer: HANEY, TRAVIS H

Crew HQ:DMAT

Job Desc: INSTALL APPROX. 285' OF 2" PLS 60# MAIN UNDER / ALONG NE 14TH ST TO SERVE 6678 NE 14TH ST, DES MOINES, IA

DISCLAIMER OF LIABILITY
NOTE: This drawing reflects facilities in place at the time of its preparation and is subject to change at any time. For current facility information, please contact MidAmerican Energy Company. Further, MidAmerican Energy Company disclaims all liability and responsibility for all claims and damages including but not limited to, personal injury, death and property damage, resulting from any authorized or unauthorized use of, or reliance upon, this drawing for any purpose.



Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	
460	945.88	461	944.68	462	943.88	463	942.88	464	941.88	465	940.88	466	939.88							
	948.16		946.80		945.38		944.26		943.19		942.09		941.00							
	945.68		944.68		943.68		942.68		941.68		940.68		939.68							
	947.89		946.52		945.07		944.07		943.07		942.07		941.07							
	945.48		944.48		943.48		942.48		941.48		940.48		939.48							
	947.62		946.23		945.19		944.19		943.19		942.19		941.19							
	945.28		944.28		943.28		942.28		941.28		940.28		939.28							
	947.34		946.34		945.34		944.34		943.34		942.34		941.34							
	945.08		944.08		943.08		942.08		941.08		940.08		939.08							
	947.07		946.07		945.07		944.07		943.07		942.07		941.07							