



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

Form 610025 (03-10)

**FOR DEPARTMENT USE ONLY**

Permit Number <b>77U-2017-163</b>	Highway Number <b>US 69</b>	County <b>Polk</b>
DOT Project Number <b>STPN-69-4(95)-2J-77</b>		Expiration/Completion Date <b>11-8-18</b>

**APPLICANT (INDIVIDUAL OR COMPANY)**

First Name Jason	Middle Initial L	Last Name Reis	Phone Number 515-242-3978	Ext.
Company Name MidAmerican Energy Company			Phone Number	Ext.
Street Address 10510 Douglas Ave		City/Town Urbandale	State IA	ZIP Code 50322
e-Mail Address JLReis@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:

911 address: 802 N Ankeny Blvd  
Bore in long side 2" PE gas service under Hwy 69 (N Ankeny Blvd)  
Tap in to existing 4" PE gas main on east side of road

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 14, Twp. 80  
Range 24 on Highway No. 69 generally located 0.18 (miles) north  
(direction) from Ankeny NW 5th St (city, county line, or other landmark). Work proposed is more  
specifically located as being from 95.50 (Milepost #) and 41+60 (Highway Station)  
to 95.50 (Milepost #) and 41+60 (Highway Station) on the 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/stdplne\\_tc.htm](http://www.iowadot.gov/design/stdplne_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/technicality.html>

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) Jason Reis	Agent/Owner (Signature) 	Title Gas Design Technician
Name of Owner (Print or Type) MidAmerican Energy		Date 10/31/2017
e-Mail Address JLReis@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 <i>Mark Mueller</i>	Title <i>Director of Public Works</i>	Date <i>11/06/17</i>
Type or Print Name <i>Mark D. Mueller, P.E.</i>	Authorized Official for the City of <i>Ankeny</i>	
e-Mail Address <i>mmueller@waukegan.gov</i>		

**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	Date
Type or Print Name	Authorized Official for the County of	
e-Mail Address		


**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 <i>Jeffrey Cunningham</i>	Signature 	Permit Number: <i>770-2017-163</i>
e-Mail Address <i>jeffrey.cunningham@iowadot.us</i>	Date <i>11-8-17</i>	

Notice of intention to commence activities on the highway right-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) <i>Eric Lack</i>	City/Town <i>Des Moines</i>	Phone Number <i>515-265-1614</i>
Street Address <i>1536 NE 53rd Ave</i>	State <i>IA</i>	ZIP Code <i>50313</i>
e-Mail Address <i>eric.lack@iowadot.us</i>		

Permit Number: \_\_\_\_\_





SMARTER | SIMPLER | CUSTOMER DRIVEN

[www.iowadot.gov](http://www.iowadot.gov)

District One  
Des Moines Area Engineer's Office  
2300 SE 17<sup>th</sup> Street  
Grimes, Iowa 50111

515-986-5461  
Fax: 986-5735

November 8, 2017

Permit 77U-2017-163

MidAmerican Energy Company  
Attn: Jason Reis  
10510 Douglas Avenue  
Urbandale, IA 50322

Enclosed is a copy of approved permit number 77U-2017-163, Application and Agreement for use of Highway Right of Way for Utilities Accommodation, for boring in new 2" PE gas service connecting to existing 4" PE gas main. at station 41+60 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,

A handwritten signature in black ink, appearing to read 'Jeffrey C.', written over a white background.

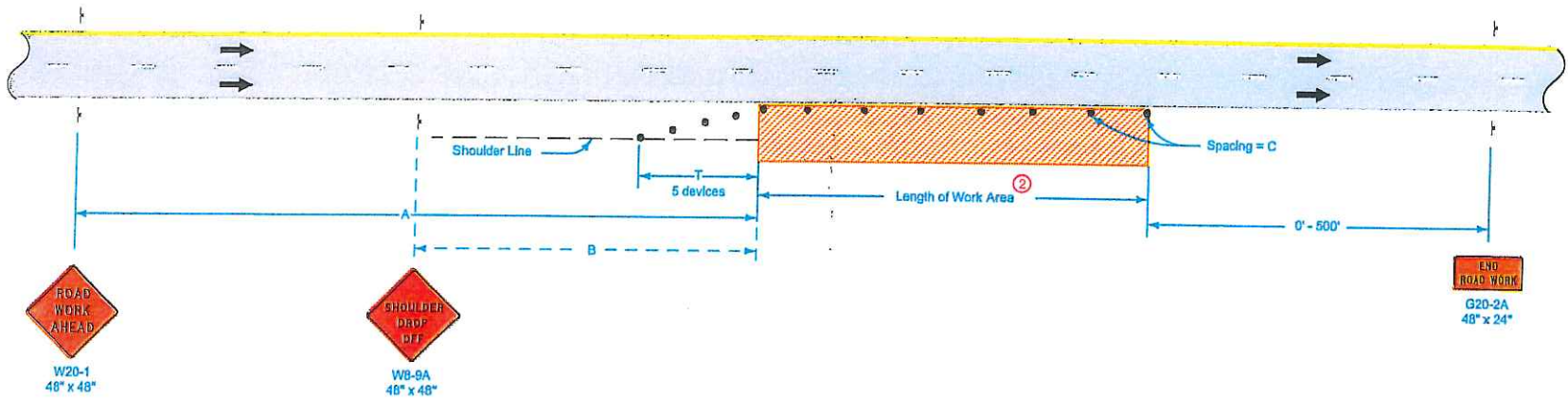
Jeffrey Cunningham

Attachments  
JC/jc.

Cc: Bryan Bradley, IDOT 800 Lincoln Way Ames IA, 50010  
Eric Lack, IDOT 1530 NE 53<sup>rd</sup> Ave Des Moines IA 50313  
Mark Mueller, City of Ankeny 220 West First Street Ankeny IA 50023  
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 <sup>②</sup>	T
40 or less	500'	250'	40'	100'
45 - 50	700'	350'	80' ①	200'
55 - 60	1500'	500'	100' ①	200'
65 - 70	1500'	500'	100' ①	230'

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.

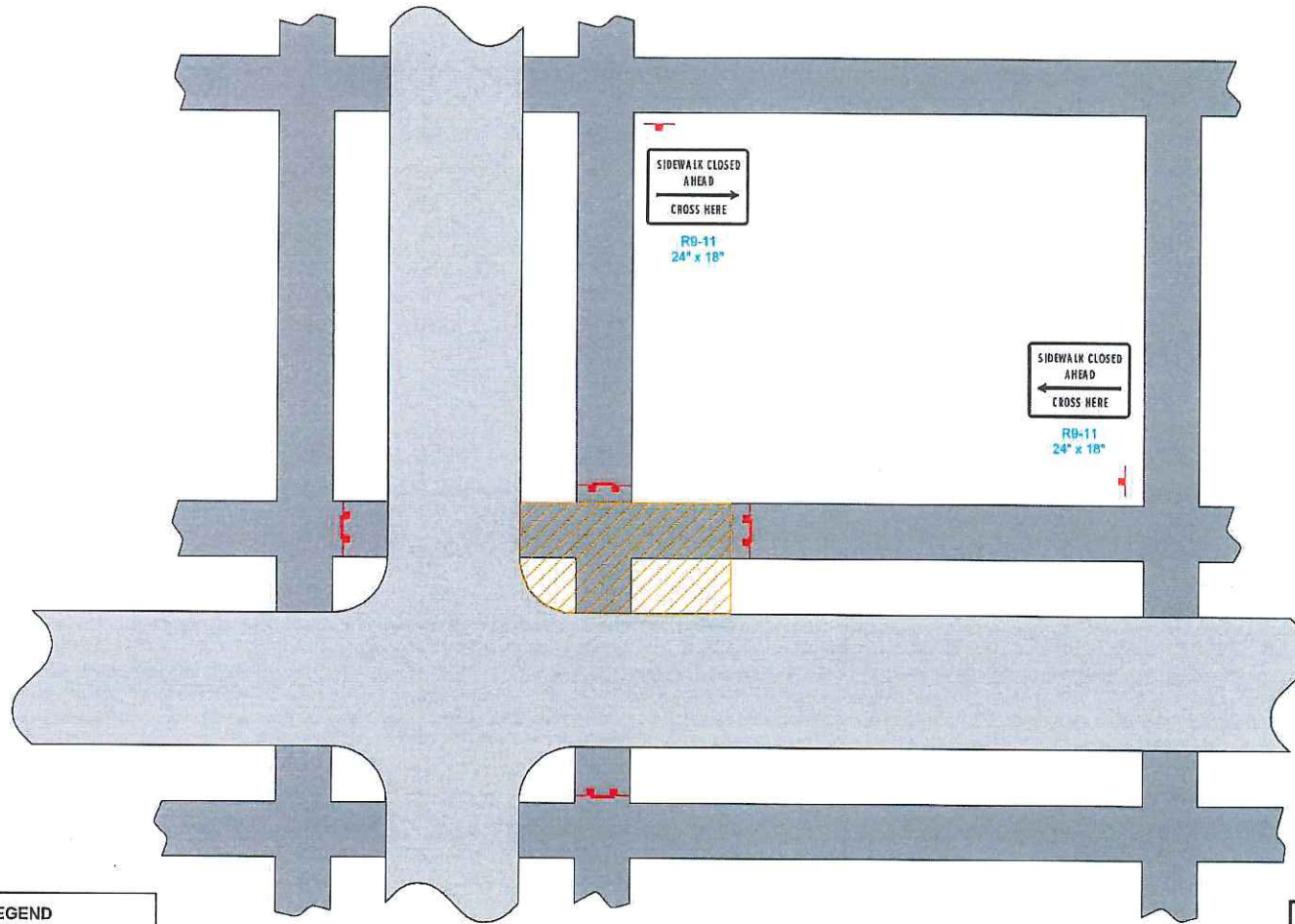
Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.

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

 <b>STANDARD ROAD PLAN</b>	REVISION B 04-21-15
	TC-402
	SHEET 1 of 1
REVISIONS: Modified general notes, changed title and replaced the DOT logo in the title block with the new version.	
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>	
WORK WITHIN 15 FT OF TRAVELED WAY	

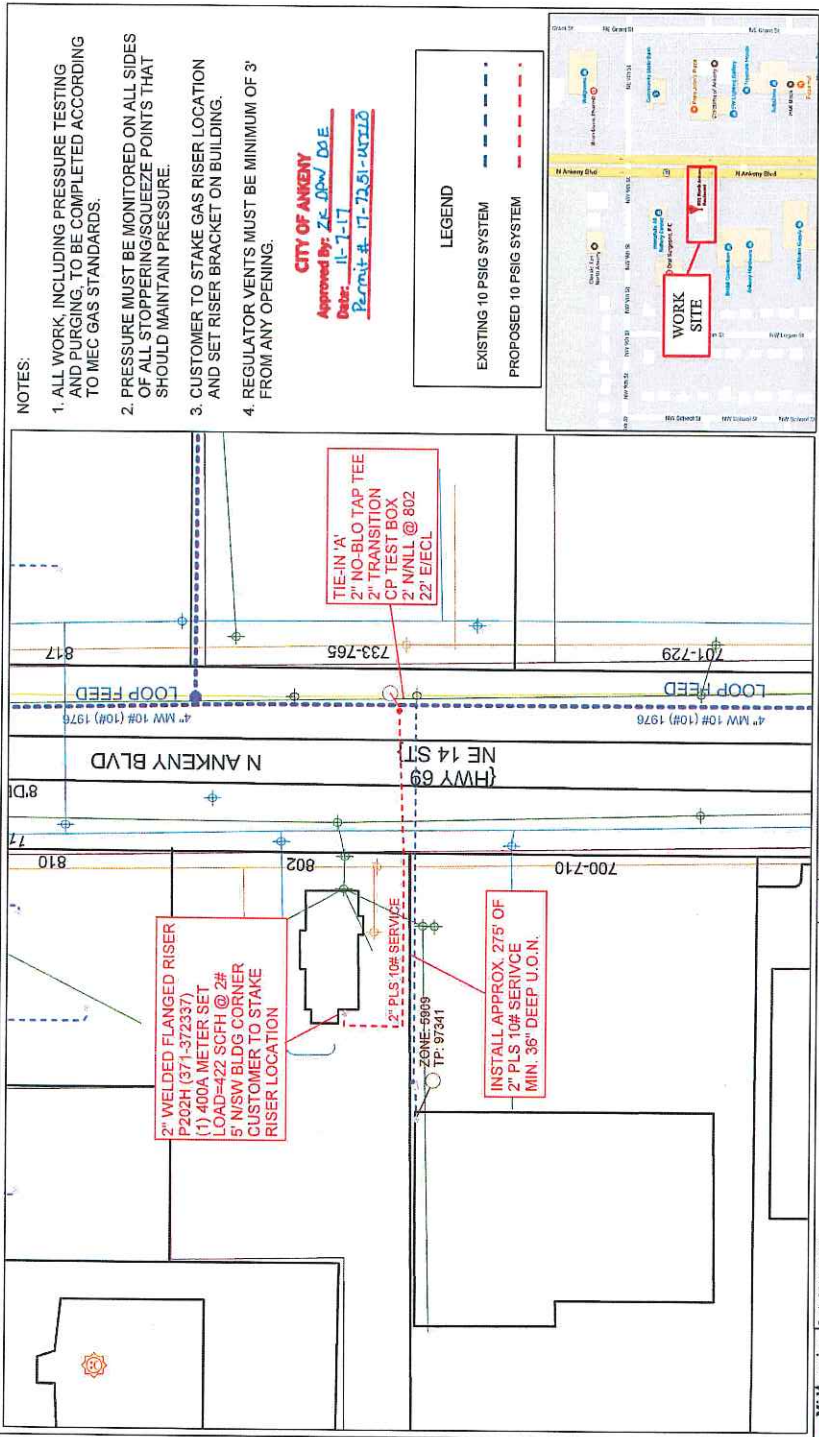


CLOSURE AT INTERSECTION

LEGEND	
	Roadway
	Sidewalk
	Sign
	Pedestrian Path Closure
	Work Area

Iowa Department of Transportation	REVISION
	NEW 10-18-11
<b>STANDARD ROAD PLAN</b>	<b>TC-601</b>
REVISIONS: New	SHEET 2 of 2
<i>Deanna Mairfeld</i> APPROVED BY DESIGN METHODS ENGINEER	
PEDESTRIAN DETOUR	





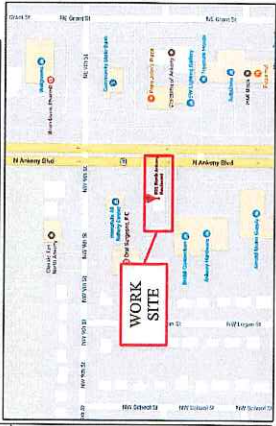
**MidAmerican** Cust: STARBUCKS  
 Addr: 802 ANKENY  
 City: ANKENY  
 Job Desc: Install 2" PE Long Side service off from c. 10' Long RWY Main, 400A, marker set. Bypass P202H, 422, each at 2' psig delivery.

WMS: REV265672-1  
 Date: 10/16/2017  
 Designer: REIS, MASON

BLVD  
 X = 1813077 Y = 633148

- NOTES:
1. ALL WORK, INCLUDING PRESSURE TESTING AND PURGING, TO BE COMPLETED ACCORDING TO MEC GAS STANDARDS.
  2. PRESSURE MUST BE MONITORED ON ALL SIDES OF ALL STOPPING/SQUEEZE POINTS THAT SHOULD MAINTAIN PRESSURE.
  3. CUSTOMER TO STAKE GAS RISER LOCATION AND SET RISER BRACKET ON BUILDING.
  4. REGULATOR VENTS MUST BE MINIMUM OF 3' FROM ANY OPENING.

**CITY OF ANKENY**  
 Approved By: Zc, DPW, D2 E  
 Date: 11-7-17  
 Permit #: 17-7281-14112

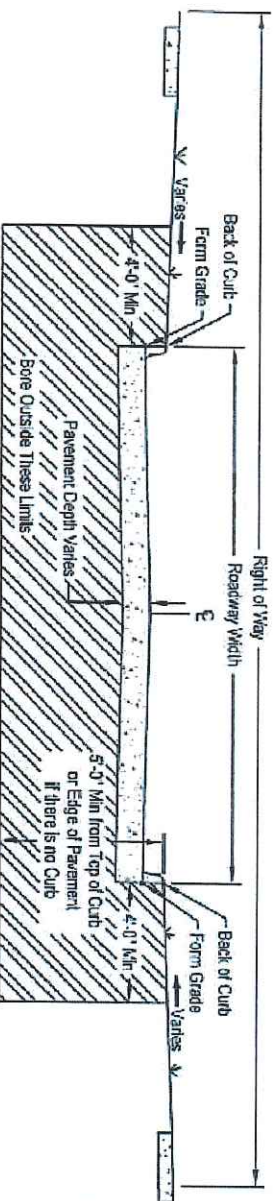


NOTE: This drawing is submitted to the City of Ankeny for informational purposes only. The City of Ankeny does not warrant the accuracy of the information provided in this drawing. The City of Ankeny is not responsible for any errors or omissions in this drawing. The City of Ankeny is not responsible for any damage or injury resulting from any unauthorized or unlicensed use of, or reliance upon, this drawing for any purpose.

DISCLAIMER OF LIABILITY: The complete design, observation, permit and construction of this project shall be the responsibility of the customer. MidAmerican Energy Company does not warrant the accuracy of the information provided in this drawing. MidAmerican Energy Company is not responsible for any damage or injury resulting from any unauthorized or unlicensed use of, or reliance upon, this drawing for any purpose.

Plans 24-1

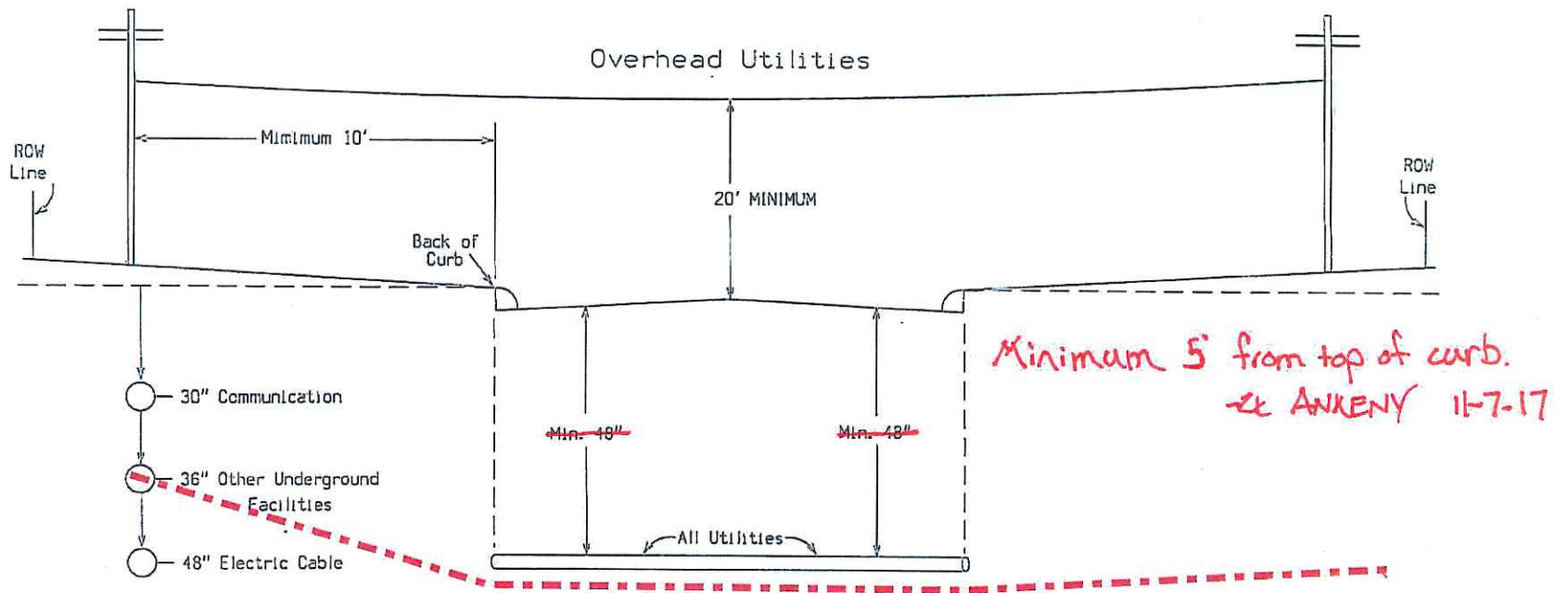




1. Bore utility crossings and services outside of and below the described limits. This is to minimize conflicts with future and existing subdrain behind the back-of-curb. Subdrain is typically 3.5' to 4.5' below back-of-curb.
2. Call One-Call per State Code for existing utility locates prior to starting construction.
3. Potrole all existing utility conflicts to verify depths and locations prior to boring. Ankeny water mains are typically 5.5' to 6' deep. Storm sewer and sanitary sewer depths vary.

**SPECIAL STREET CROSSING  
AND BORING DETAIL FOR UTILITIES**

Minimum Policy Requirements  
Urban Section  
Non - Freeway Highway



E-10

Notes:

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

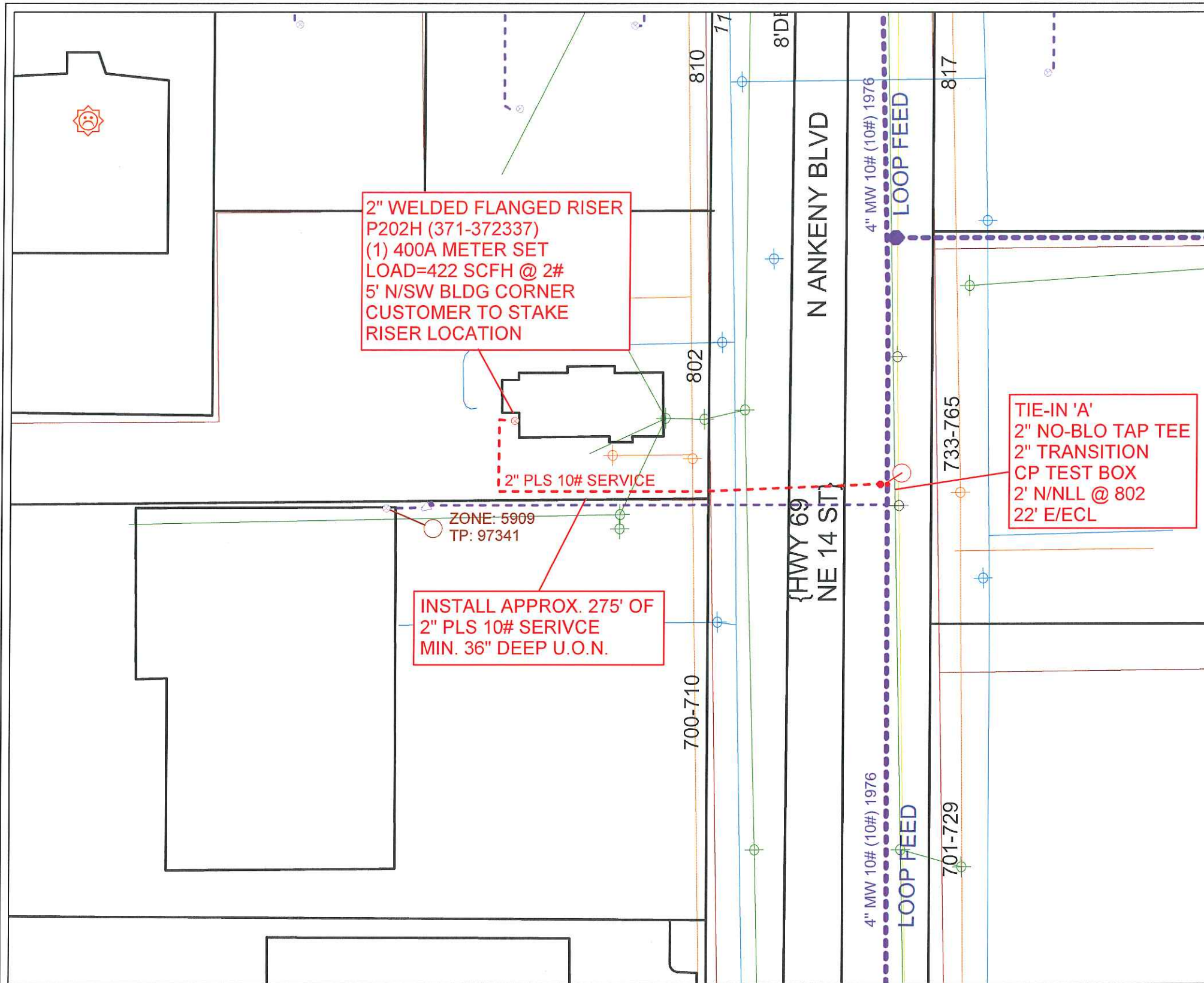


Acceptable Clear-zone Distances (feet).

design speed	design ADT	FORBSLOPES			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 on providing clear recovery areas at the base of steep slopes. Refer to Section 8A-2 of the Design Manual for information.



**2" WELDED FLANGED RISER  
P202H (371-372337)  
(1) 400A METER SET  
LOAD=422 SCFH @ 2#  
5' N/SW BLDG CORNER  
CUSTOMER TO STAKE  
RISER LOCATION**

**TIE-IN 'A'  
2" NO-BLO TAP TEE  
2" TRANSITION  
CP TEST BOX  
2' N/NLL @ 802  
22' E/ECL**

**INSTALL APPROX. 275' OF  
2" PLS 10# SERVICE  
MIN. 36" DEEP U.O.N.**

ZONE: 5909  
TP: 97341

**NOTES:**

1. ALL WORK, INCLUDING PRESSURE TESTING AND PURGING, TO BE COMPLETED ACCORDING TO MEC GAS STANDARDS.
2. PRESSURE MUST BE MONITORED ON ALL SIDES OF ALL STOPPERING/SQUEEZE POINTS THAT SHOULD MAINTAIN PRESSURE.
3. CUSTOMER TO STAKE GAS RISER LOCATION AND SET RISER BRACKET ON BUILDING.
4. REGULATOR VENTS MUST BE MINIMUM OF 3' FROM ANY OPENING.

**LEGEND**

EXISTING 10 PSIG SYSTEM      - - - - -

PROPOSED 10 PSIG SYSTEM      - - - - -



Cust: STARBUCKS  
Addr: 802 ANKENY BLVD  
City: ANKENY  
X = 1613077 Y = 633148

WMS\_REV:2650572-1  
Date: 10/16/2017  
Scale: 1 IN = 60 FT  
Designer: REIS, JASON L

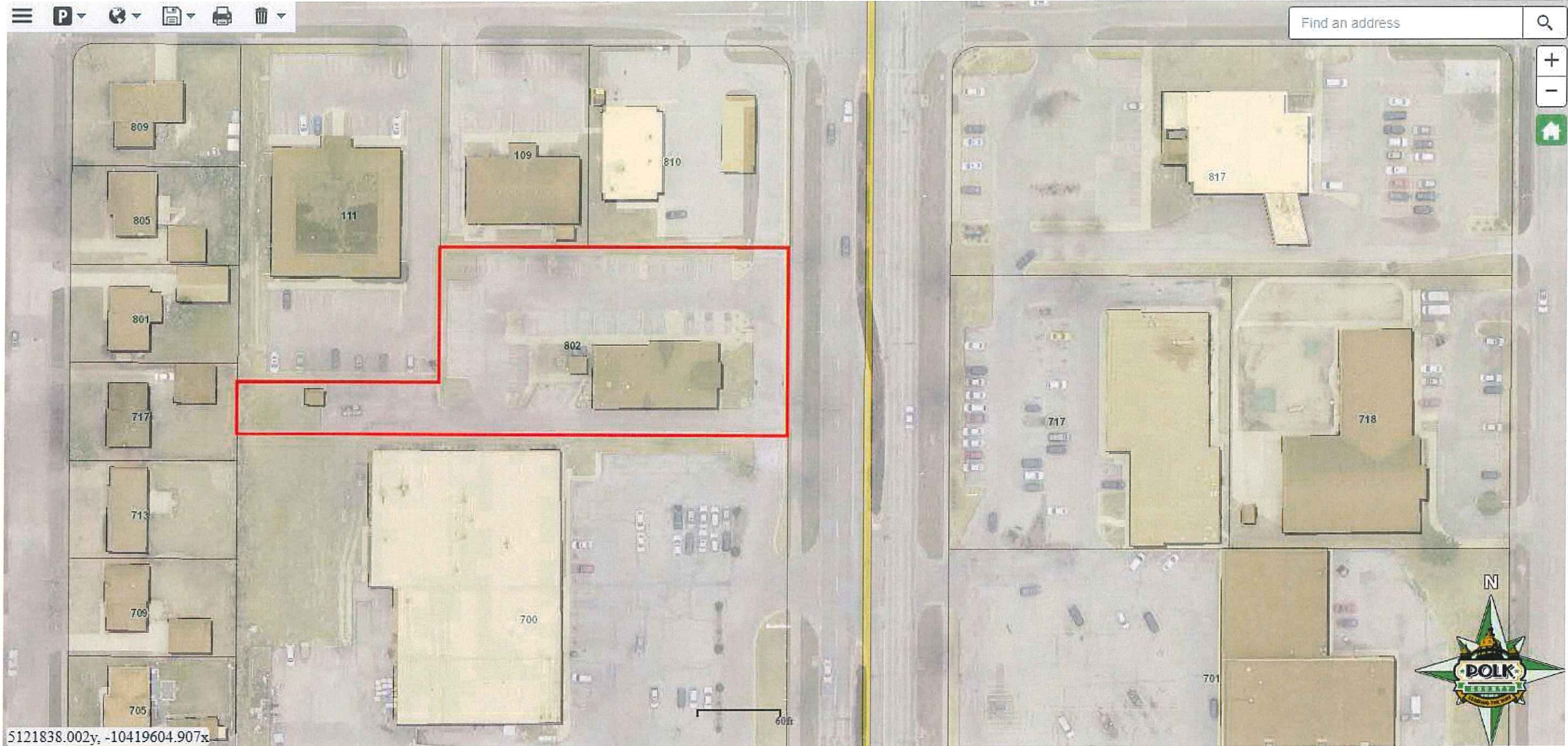
Crew HQ: DMDL  
Job Desc: Install 2" PE Long Side service off from 4" 10 Psig MW Main, 400A meter set, Belgas P202H, 422 scfh at 2 psig delivery.

**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.



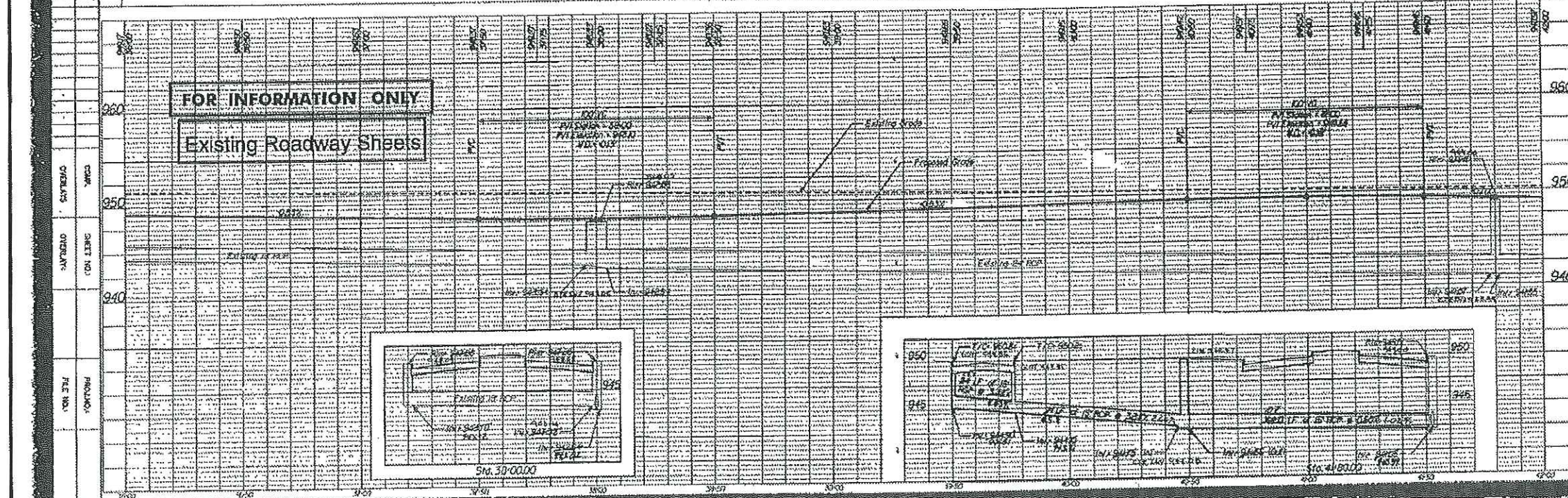
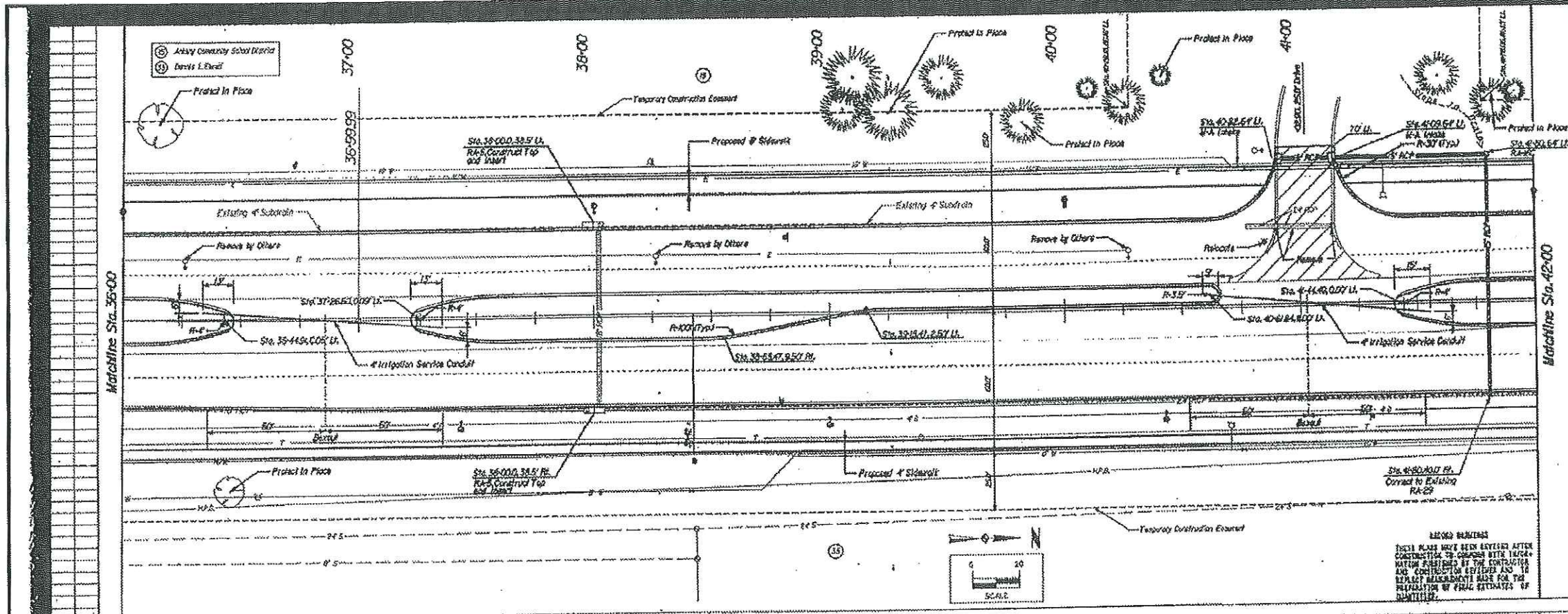


Find an address



5121838.002y, -10419604.907x





DATE	BY	REVISION
Checked By:	DATE:	SCALE:
Drawn By:	DATE:	SCALE:
Project No.:	30-144-C	
File No.:	D-784	
Sheet no. of:	79	

**U.S. 69 - NORTH ANKENY BOULEVARD  
IMPROVEMENTS PROJECT - PHASE II  
PLAN AND PROFILE, 36+00 TO 42+00**

**SNYDER & ASSOCIATES**

82-144-C D-784

Sheet 29 of 79