



Form 810025 (01-14)

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

FOR DEPARTMENT USE ONLY

Permit Number <i>944-2015-029</i>	Highway Number <i>92</i>	County <i>WARREN</i>
DOT Project Number <i>N45X-092-5(51)-34-91</i>	Expiration/Completion Date <i>6-1-2015</i>	

APPLICANT (INDIVIDUAL OR COMPANY)

First Name Brad	Middle S	Last Name Ballard	Phone Number 515-252-6530	Ext.
Company Name MidAmerican Energy Company			Phone Number	Ext.
Street Address PO Box 657/ ATTN: BRAD BALLARD - DMGF		City/Town Des Moines	State IA	ZIP Code 50306

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:

To serve 2 new Centurylink services going in on the South side of Hwy 92 and between R63 Hwy and S. Y St. on the West side of Indianola. MEC plans to extend a primary line from the dead end pole on the NE corner of R63 and Hwy 92 intersection and bore South under Hwy 92 approximately 190'. From here, approximately 70' East of R63 center line, MEC plans to trench East approximately 425' and install an underground transformer inside the South edge of the ROW and is about 70' South from the center line of Hwy 92. Continue trenching East along South edge of ROW for another 1,805' and install the last underground transformer about 56' South from Hwy 92 and 335' West of the center line of S. Y St.

*14' from So. Row
6' deep
R-63 Bore 12' deep To the east side of R-63 detour*

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.)

WORK SITE LOCATION

The proposed work as described above is located in Section 27, Twp. 76, Range 24 on Highway No. 92 generally located 0 (miles) East (direction) from The intersection of Hwy R63 and Hwy 92 (city, county line, or other land line). Work proposed is more specifically located as being from 128.468 (Milepost #) and 390+10 (Highway Station) to 128.921 (Milepost #) and 414+12 (Highway Station) on the North/South side of highway.

Applicant Signature and Agreement

I have read this Agreement, understand its provisions, and agree to abide by it and the utility accommodation policy of the Iowa Department of Transportation

Name of Agent (Print or Type) Brad Ballard	Agent/Owner (Signature) <i>Brad Ballard</i>	Title Distribution Design Tech
Name of Owner (Print or Type) MidAmerican Energy Company	Date <i>5-7-15</i>	

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>James Burbin</i>	Title <i>Dir. of Cm. Dev.</i>	Date <i>5-26-15</i>
Type or Print Name <i>JAMES BURBIN</i>	Authorized Official for the City of <i>LOUISIANA</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	

FOR DEPARTMENT USE ONLY

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

All Pedestals shall be marked with a permanent highly visible post and signs.
The minimum height requirement for the sign shall be 5 foot

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval Do Not Recommend Approval None Required

Authorized FHWA Representative Signature

Date

DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved Application Denied Permit Number: 91U-2015-029

Authorized Highway District Representative
Dale O'Brien

Signature

Date

4-9-2015

Notice of intention to start construction or maintenance activities on the highway right-of-way shall be made to:

Local DOT Contact Person (Type or Print Name)
Scott Sommers, P.E.

Phone Number
641-774-5056

Street Address
21922 480th St

City/Town
Chariton

State ZIP Code
IA 50049

AGREEMENTS

The utility company, corporation, applicant, permit holder or licensee, (hereinafter referred to as the Permit Holder) agrees with the Iowa Department (hereafter referred to as Department) that the following stipulations and those special requirements as listed on this page shall govern under this permit.

A. General

1. The installation shall meet the requirements of local municipal, county, state, and federal Iowa franchise rules and regulations, regulations and directives of the Iowa State Commerce Commission; the 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. Non-compliance with any of the terms of the Department's policy, permit or agreement, may be considered cause for shut-down of utility construction operations or withholding of relocation reimbursement until compliance is assured, or revocation of the permit. The cost of any work caused to be performed by the State in removal of non-complying construction will be assessed against the Permit Holder.
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.

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.
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 officials.
4. All traffic control including sign placement and flagging are the responsibility of the Permit Holder. The original placement of signs and their removal upon completion of the work shall be accomplished by the Permit Holder.
5. Operations in the construction and maintenance of said utility installation shall be carried on in such a manner as to cause minimum interference to or distraction of traffic on said highway.
6. After November 24, 2008, 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.

C. Liability

1. 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.
2. 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 Permit Holder has been notified in accordance with stipulation number D.3. or if the facilities are not located in accordance with this permit.
3. 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 any 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 hours 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 contact person whose name is shown on this page.
3. The Department shall give the Permit Holder at least forty-eight hours notice of any proposed construction or maintenance work, on either existing or newly acquired right-of-way when the proposed work will be ten feet of a utility location as previously approved by the Department by permit or written agreement. The Permit Holder shall be responsible within this time frame to arrange to protect its facilities.

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 information will result in denial of the application. Information furnished is public information and copies may be provided to the public upon request.

115.16(5) **Identification signs, pedestals and repeater stations.**

a. The utility owner shall place identification signs within 12 inches of the right-of-way fence, at the line of sight, along the entire occupancy route. These signs shall identify the owner/operator's name, telephone number to contact in case of an emergency, and the type of buried utility.

(1) The signs shall be composed of an ultraviolet-resistant material.

(2) Each sign shall be no larger than 200 square inches.

(3) The interval between signs shall not exceed one-quarter mile in rural areas and 500 feet in urban areas, or as designated by the department.

(4) Additional signs shall be placed on each side of a public highway, road or street intersecting or crossing the freeway at points where the freeway right-of-way line intersects the public highway, road or street right-of-way line.

(5) The utility owner is responsible for installing and maintaining these identification signs.

b. Aboveground pedestals are permissible. Pedestals should be placed one foot from the right-of-way fence. The number of installations is subject to department approval.

c. Repeater stations are not allowed in the right-of-way.

115.16(6) **Metallic warning tape.** Metallic warning tape shall be installed a minimum of 12 inches below the existing grade and above the utility installation to facilitate locating the installation in the future.

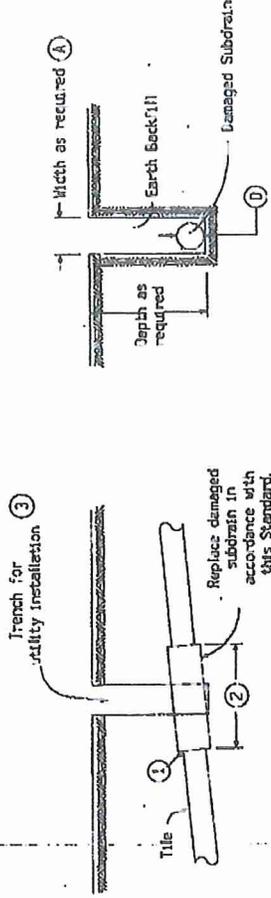
115.16(7) **Engineering.** The utility owner shall retain the services of a licensed, professional engineer.

a. The engineer is responsible for overseeing continuous on-site inspection of the installation of the facility including all provisions pertaining to access to the work site and traffic control.

b. Upon completion of the project, the engineer shall certify to the department on the appropriate forms that the installation, traffic control, and access to the work site were accomplished in accordance with the permit.

c. Any change to the alignment as described in the original permit requires the prior approval of the department and the submission of as-built plans.

Tile Line Repair Guideline



Notes:

Replacement of drainage tile shall be accomplished so as to cause the minimum of disturbance to existing fields. The repaired drainage tile shall be left in a functional condition with special emphasis placed on maintaining existing flow line elevations.

(A) A minimum of 24" shall be excavated outside the normal utility trench wall or such greater width as may be required to expose a minimum of 12" of undamaged drain tile.

REPLACEMENT SCHEDULE - CASE 'A'										
Existing Tile (1)	4	6	8	10	12	15	18	21	24	>24
Proposed Subdrain Size										
Concrete Pipe	-	12	15	18	21	24	30	36	36	*
Coated C.M.P.	10	12	15	18	21	24	30	36	36	*

* Replacement sizes provide equivalent capacity based on 6" settlement assuming a 0.20% slope with n = 0.013 for concrete pipe and n = 0.025 for corrugated pipe (Manning Formula)

NOTES:

Tile lines disturbed within the right-of-way outside the Roadway Embankment Area * J limits shall be repaired as follows:

May be repaired with schedule 40 PVC pipe of compatible size or in accordance with the replacement schedule-case A as listed above. Replacement with schedule 40 PVC pipe shall require using a connecting device of a flange plate and plain flexible pipe coupling or equal.

Tile lines disturbed within the "Roadway Embankment Area" shall be replaced in accordance with the replacement schedule - case 'A' stated above and as follows:

(1) Concrete collar to be placed around joint where existing tile line and corrugated aluminumized metal pipe connect.

(2) Minimum length of corrugated metal pipe shall be 4 feet. Minimum length of 2 feet on each side of the tile line break location.

(3) Trench shall be backfilled with 8 inches loose material, compacted to 6 inches with a minimum of 95% compaction of return density.

A. Backfill and compact area around drain tile to be completed by hand until new tile is completely covered. Remainder of the trench shall be backfilled by accepted site methods.

B. Jobs shall require inspection by the Iowa Department of transportation inspectors or their designated personnel prior to backfilling of trench.

* "Roadway Embankment Area" is defined as the area lying between the foreslopes of a two-lane roadway and from near foreslope to far foreslope of a four-lane roadway.

TEMPORARY ROAD CLOSURE

APPROVED BY: *J. Danner, M.S., P.E.*

REVISIONS: No. Description of Change, Changed to color

REVISION	2	04-17-12
STANDARD ROAD PLAN		
of Transportation		
TC-251		
SHEET 1 of 1		

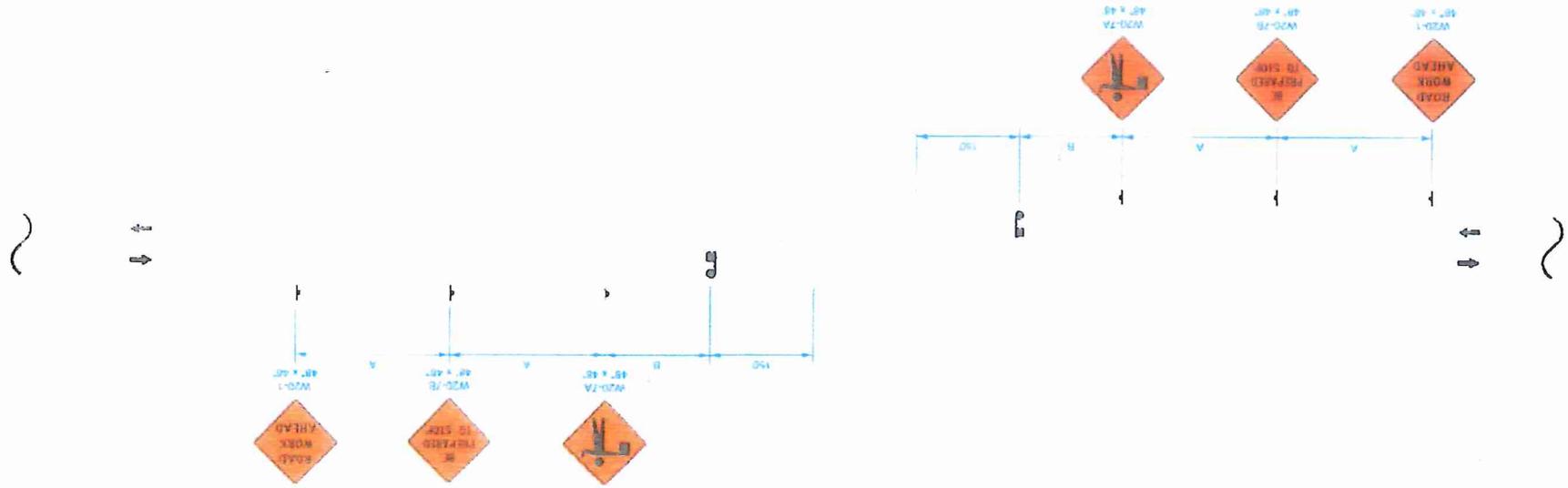
Possible Contract Item:
Traffic Control
Flaggers

The Engineer will determine the storage length, B, necessary to accommodate stopped traffic during the closure.

This layout is intended for a planned closure of 20 minutes or less.

SPEED LIMIT (mph)	A	B
35 or less	250	750
40 - 45	350	350
50 or greater	500	500

- Direction of Traffic
 - ⏏ Flagger
 - Work Area
 - † Traffic Sign
- LEGEND



WORK NOT AFFECTING TRAFFIC (TWO-LANE OR MULTILANE)

REVISIONS: Modified table to working under Vehicle Work

DESIGNED BY: *J. Lawrence*

DATE: 11/11/13

STANDARD ROAD PLAN

Iowa Department of Transportation

TC-1

2 CA-1C-13

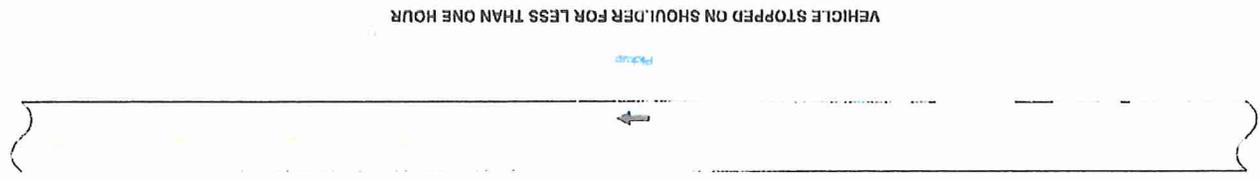
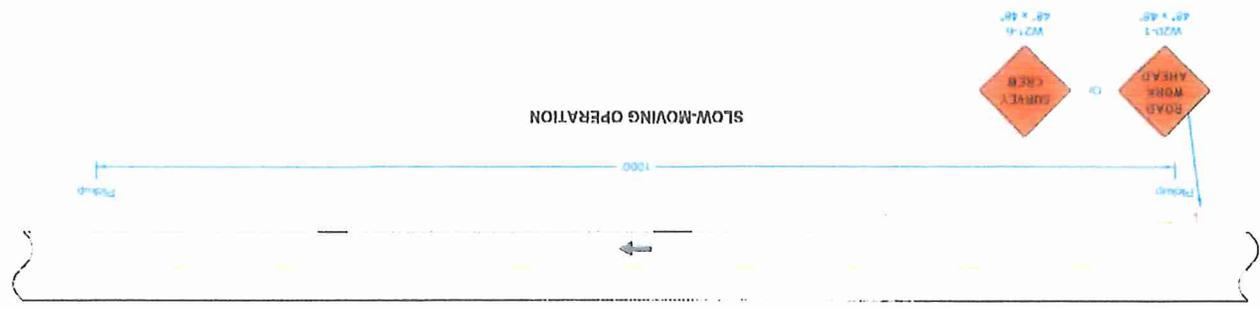
REVISION

Possible Control Item:
Traffic Control

LEGEND

→ Direction of Traffic

• Traffic Sign

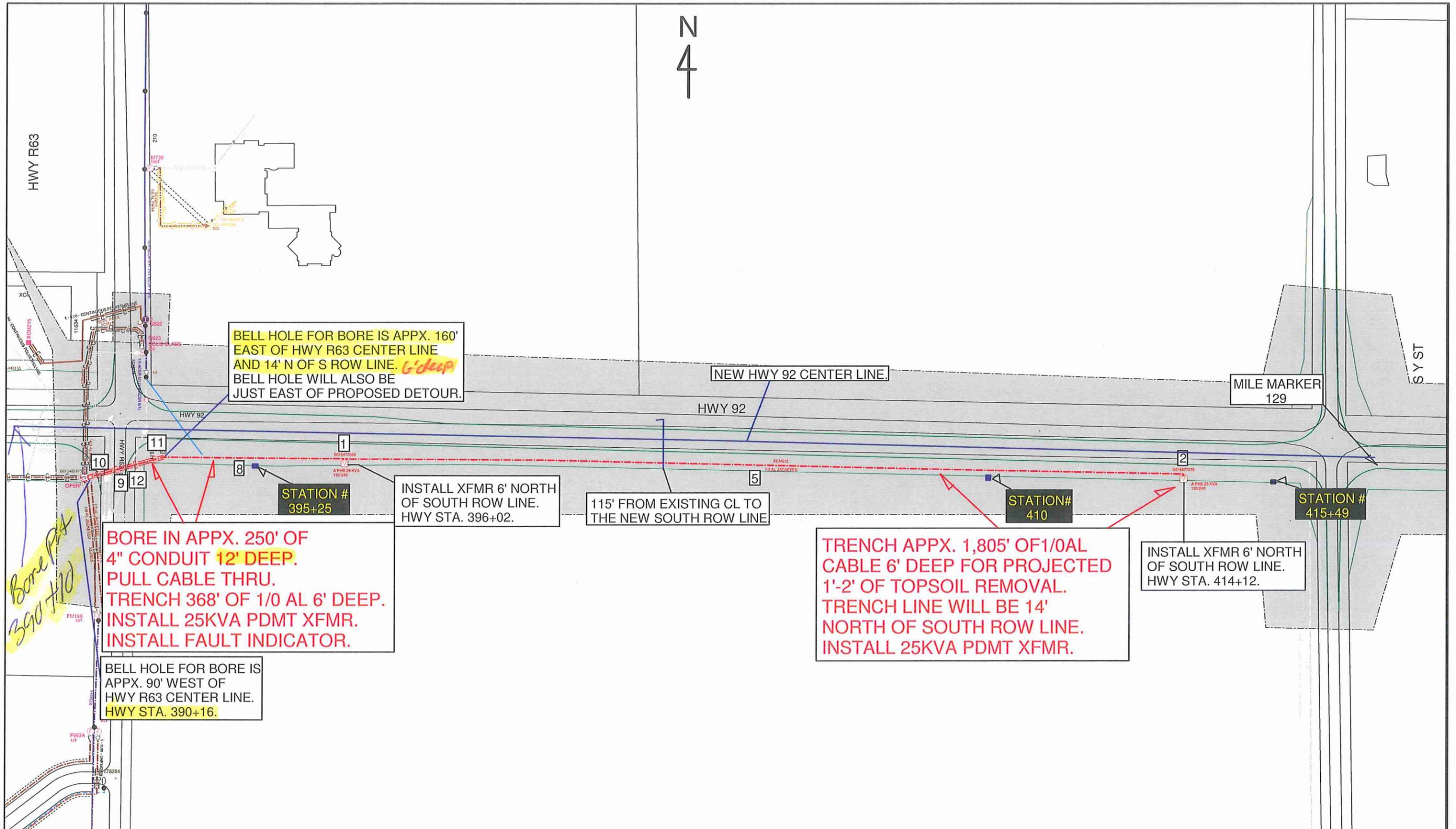


Do not allow work to interfere with the flow of traffic.

When parked, locate vehicles as far from the open traffic lane as possible. Entrances and driveways should be used whenever appropriate.

Equip all vehicles with an amber revolving light or amber strobe light.

For work lasting longer than one hour, refer to TC-202.



BELL HOLE FOR BORE IS APPX. 160' EAST OF HWY R63 CENTER LINE AND 14' N OF S ROW LINE. *6' deep*
 BELL HOLE WILL ALSO BE JUST EAST OF PROPOSED DETOUR.

Bore Pit 390+10

BORE IN APPX. 250' OF 4" CONDUIT *12' DEEP*. PULL CABLE THRU. TRENCH 368' OF 1/0 AL 6' DEEP. INSTALL 25KVA PDMT XFMR. INSTALL FAULT INDICATOR.

BELL HOLE FOR BORE IS APPX. 90' WEST OF HWY R63 CENTER LINE. HWY STA. 390+16.

INSTALL XFMR 6' NORTH OF SOUTH ROW LINE. HWY STA. 396+02.

115' FROM EXISTING CL TO THE NEW SOUTH ROW LINE

TRENCH APPX. 1,805' OF 1/0AL CABLE 6' DEEP FOR PROJECTED 1'-2' OF TOPSOIL REMOVAL. TRENCH LINE WILL BE 14' NORTH OF SOUTH ROW LINE. INSTALL 25KVA PDMT XFMR.

INSTALL XFMR 6' NORTH OF SOUTH ROW LINE. HWY STA. 414+12.

	Cust: CENTURY LINK		WMS_REV:2458738-1	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.
	Addr: HWY 92		Date: 1/9/2015	
Crew HQ:DMDL	City: DM INDIANOLA	X = 1613598 Y = 494162	Scale: 1 IN = 200 FT	
Job Desc: BORE/TRENCH A TOTAL OF 2,423' 1/0 AL UG CABLE==INSTALL 2 25KVA UG XFMRs.			Designer:BALLARD,BRADLEY S	

