



Form 810025 (11-23)

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

FOR DEPARTMENT USE ONLY

Permit Number	Highway Number I-380	County Linn
DOT Project Number		Expiration/Completion Date

APPLICANT (INDIVIDUAL OR COMPANY)

First Name Edward	Middle Initial	Last Name Gilkes	Phone Number 608-458-6242	Ext.
Company Name Alliant Energy			Phone Number	Ext.
Street Address 4902 N. Biltmore Ln		City/Town Madison	State WI	ZIP Code 53718
e-Mail Address edwardgilkes@alliantenergy.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:

Installation of optical fibers underground in conduit by the means of boring. Boring will be used to install conduit under roads and plowing will be used in open spaces. Boring will also be used to install conduit under waterways and wetlands. Plowing will open the earth, lay the conduit and reclose the earth to previous condition.

City Permit #'s 72963, 72964

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). <https://iowadot.gov/rightofway/pdfs/UtilityPolicy.pdf>)

WORK SITE LOCATION

The proposed work as described above is located in Section 28/33, Twp. 83N, Range 07 W on Highway No. US 380/3rd St SW generally located .45 ~~X~~ North (miles) Intersection (direction) from ~~Edgebrook SW~~ Wilson Ave SW (city, county line, or other landmark). Work proposed is more specifically located as being from ~~Approx. 0.34 miles N from 380N-X~~ 18.8 (Milepost #) and ~~XXXXXX~~ X 272+73 (Highway Station) to 19.5 (Milepost #) and 312+55 ~~X~~ (Highway Station) on the ~~XXX~~ Right 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. <https://iowadot.gov/rightofway/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
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** - The Permit Holder or their contractor **may not obstruct or close** primary highways or primary highway extensions (state highways within city limits) **without prior consent of the department**, except in emergency situations. Before setting up a lane closure or vertical/horizontal restriction of any kind on a primary highway, call the local DOT Maintenance Garage **AND** 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: <https://iowadot.gov/rightofway/Utility-Accommodation-and-Coordination#533652456-buy-america>

Permit Number: _____

FOR DEPARTMENT USE ONLY

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

Utilize appropriate traffic control at all times. Before setting up a restriction on a State highway, the applicant shall contact the local IDOT maintenance garage and the Iowa Traffic Management Center, as per attached 511 information. Fiber installation must be as close to 3rd St curb as possible. No bends allowed in IDOT right-of-way. IDOT permit does not authorize work in the railroad right-of-way. Personnel, equipment and materials are not permitted in the median or within the clear zone. Access to the work site not permitted from the mainline or ramps of I-380.

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) Edward Gilkes	Agent/Owner (Signature) <i>Edward C. Gilkes</i>	Title Project Manager
Name of Owner (Print or Type) Edward Gilkes		Date 04/08/2024
e-Mail Address edwardgilkes@alliantenergy.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**

Signature <i>Chris Strecker, P.E.</i>	Title Development Services Engineer II	Date 04/09/2024
Type or Print Name Chris Strecker, P.E.	Authorized Official for the City of Cedar Rapids	
e-Mail Address c.strecker@cedar-rapids.org		

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**

Signature Brad Ketels <small>Digitally signed by Brad Ketels Date: 2024.03.29 07:13:56 -05'00'</small>	Title Linn County Engineer	Date March 29, 2024
Type or Print Name Brad Ketels	Authorized Official for the County of Linn	
e-Mail Address brad.ketels@linncountyiowa.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** Permit Number: _____

Authorized Highway District Representative Michelle L. Burke	Signature	Date
e-Mail Address michelle.burke@iowadot.us		

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) Beau Weimar, Maintenance Supervisor	Phone Number 319-350-1764		
Street Address 5455 Kirkwood Blvd S	City/Town Cedar Rapids	State IA	ZIP Code 52404
e-Mail Address Beau.weimar@iowadot.us		Permit Number: _____	

Site Plan & Attachments Checklist for Utilities Accommodation Permit

Last updated 10-30-2023

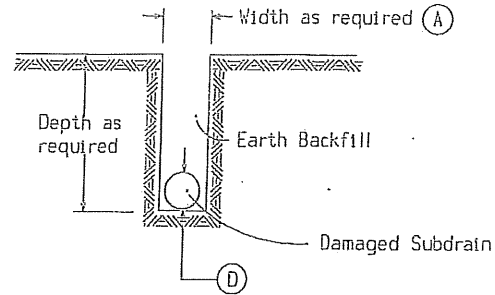
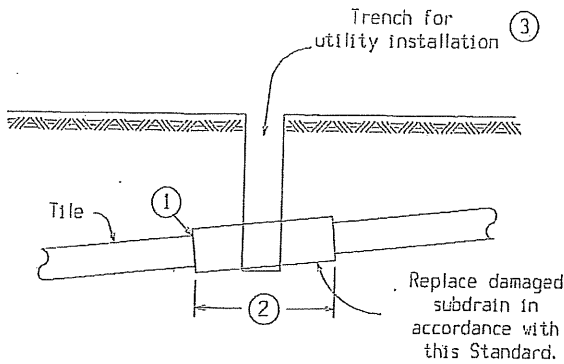
- Plans showing highway centerline, route number, stationing and milepost.
- Visible orientation (north arrow) and identifying landmarks.
- Clearly identify right-of-way (ROW) lines and include with horizontal distance from highway centerline shown, including all breakpoints and changes in the ROW distances.
- Provide Iowa One Call design request information (minimally the list of utility owners).
- List all the existing utilities in the installation area. Describe how your installation will address existing utilities that are in conflict, and show all observable existing features, such as power poles, pedestals, markers, handholes, trees, etc.
- Show all construction features/bore pits with the running line and horizontal distance from roadway edge or centerline (showing clear zone compliance). <https://iowadot.gov/rightofway/pdfs/UtilityPolicy.pdf>
- Show the start/stop stationing and depths or elevations for all bores, longitudinal and transverse.
- Show the start/stop stationing and depths or elevations for all plowing locations.
- Show casing start/stop locations, lengths, diameter, and material if casings are used.
- Show all facilities that are to be installed on the site plan including but not limited to pedestals, wire conduit, poles, guy anchors, junction boxes, handholes and manholes. ALL MUST BE REFERENCED BY highway stationing and distance from centerline.
- Show where installation starts and stops, leave the ROW, stops at existing pedestal, pole, etc. Use highway stationing and distance from centerline of the start and stops.
- Identify any physical focal points, posts, pedestals, shutoffs, overflow valves, hydrants, etc.
- Describe any other work to accomplish installation before, during or after installation, including but not limited to removal of brush/trees, removal of underbuild, construction of access, fence removal, fence replacement, etc.
- Identify unusual issues to be pointed out on the site plan. CLARITY IS THE KEY. It will not be assumed to be included in the permit or that the permit holder will perform certain work if it is not included in the plan.

Attachments

- Proper Traffic Control Standards (Iowa DOT TCxxx Series Standard plans preferred)
Available at: http://iowadot.gov/design/stdplne_tc.htm
- Required Height / Depth Typical (supplied by the department)
- Tile Repair Guide (rural locations) (supplied by the department)
- Special Seeding Requirements and Erosion Control (supplied by the department)
- 511 Lane Restriction Requirements (if any lane restriction is anticipated) (supplied by the department)

ALL ITEMS MUST BE LEGIBLE FOR REVIEW BY THE DEPARTMENT

Tile Line Repair Guideline



Note:

Replacement of drainage tile shall be accomplished so as to cause the minimum of disturbance to existing field tile. 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 (D)	4	6	8	10	12	15	18	21	24	>24
Proposed Subdrain Size										
Concrete Pipe	-	-	12	15	15	18	21	24	30	D+6"
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 *) 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 Femco plain 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 aluminized 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 natural 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 acceptable methods.

B. Area 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.

GS-15011 / October 20, 2020

Table 2601.03-1: Rural Stabilizing Crop Seeding Rates and Schedule

March 1 through October 31	
Oat	50 lbs. per acre
Grain rye	50 lbs. per acre
Canada wildrye (<i>Elymus canadensis</i>)	5 lbs PLS. per acre
November 1 through February 28 (or 29)	
Oat	62 lbs. per acre
Grain rye	62 lbs. per acre
Canada wildrye (<i>Elymus canadensis</i>)	7 lbs. PLS. per acre
For stabilizing crop only, Canada wildrye (<i>Elymus canadensis</i>) seed will not be required to be certified as Source Identified Class (Yellow Tag) Source GO-Iowa.	
Canada wildrye (<i>Elymus canadensis</i>) seed shall be debearded or equal to facilitate application of seed.	

Table 2601.03-2: Urban Stabilizing Crop Seeding Rates

Bluegrass, Kentucky ¹	195 lbs. per acre
Ryegrass, Perennial (turf-type variety) ²	40 lbs. per acre
Fescue, Creeping Red	25 lbs. per acre
1. Choose three different cultivars of Kentucky bluegrass, at 65 lbs. per acre each. 2. Choose two different cultivars of turf-type perennial ryegrass, at 20 lbs. per acre each.	

Table 2601.03-3: Permanent Seed Rates, Rural Areas

Fescue, Tall (Fawn)	100 lbs. per acre
Ryegrass, Perennial (Linn)	75 lbs. per acre
Bluegrass, Kentucky	20 lbs. per acre

Table 2601.03-4: Permanent Seed Rates, Urban Areas

Bluegrass, Kentucky ¹	195 lbs. per acre
Ryegrass, Perennial (turf-type variety) ²	40 lbs. per acre
Fescue, Creeping Red	25 lbs. per acre
1. Choose three different cultivars of Kentucky bluegrass, at 65 lbs. per acre each. 2. Choose two different cultivars of turf-type perennial ryegrass, at 20 lbs. per acre each.	

Project Delivery Division | Right of Way Bureau
800 Lincoln Way Ames, Iowa 50010
Phone: 515-239-1014
Email: deanne.popp@iowadot.us

Notification of width or height restrictions on Iowa primary highways – Utility Requirements

To: Utility companies

Subject: Notification of width or height restrictions on Iowa primary highways

Date: June 4, 2020

In accordance with the stipulations on all Utility Accommodation permits, utilities may not obstruct or close primary highways without prior consent of the Iowa DOT, except in emergency situations.

A 10-day notice is required for any lane restriction (width or height) on a primary highway before the work is started. If a 10-day notice is not given, Iowa DOT Motor Carrier Services (MCS) will have to check for permitted loads on those routes for possible conflicts and work with the permit holders and DOT Maintenance Bureau to resolve the conflicts. In emergency situations, notification should be provided as soon as possible.

Even short-term partial closures can have a significant impact on the operation of highway system. The Iowa DOT is working hard to improve the accuracy of the information provided by the Iowa 511 traveler information system, (<http://511ia.org/>) but we need your help. Besides providing real-time information to the traveling public, this system is also used by the Iowa DOT to route oversize loads. Having accurate information on the location, extent and duration of lane restrictions is critical for their routing processes.

Before setting up a lane closure or any vertical/horizontal restriction on a primary highway, call your local Iowa DOT maintenance garage, as shown on the Iowa DOT Districts web page, <http://www.iowadot.gov/districts/contacts.html> to discuss timing and date of the closure/restriction. Once the maintenance garage concurs with the timing and date, it is your responsibility to call the Iowa DOT Traffic Management Center (TMC) at (515-237-3300). The TMC will add the information to the 511 system, which generates an automatic message to (MCS) and the District office.



This notification does not replace the need for a permit application. Permits are required for utility accommodation and for any and all work on right of way, except emergency work.

When providing notice to the Iowa DOT, you will need to supply detailed information about the closure (<https://iowadot.seamlessdocs.com/f/Cars511RequestForm>).

It is advised you have this information available when you call the TMC.

If you have any questions, **please do not reply to this note**. Instead, you may contact either your local Iowa DOT maintenance garage or the TMC.

Thank you in advance for your cooperation.

Sincerely,

Deanne Popp
Utility Program Administrator
515-239-1014
deanne.popp@iowadot.us
Iowa Department of Transportation



CARS 511 Request Form

Email NEW CARS entries to lowaDOT.Traffic@lowadot.us. Updates and/or changes to the current CARS entries may be emailed or by calling 515-237-3300.

If you need a press release for this project please contact Keven Arrowsmith in the Office of Strategic Communications, by phone (515-239-1620) or email (Keven.Arrowsmith@lowadot.us).

General Information

Requester: _____ E-mail address: _____

Does this project include Intelligent Work Zones? Yes No

Responsible RCE Office:

- | | | |
|---------------------------------------|---|---------------------------------------|
| <input type="checkbox"/> Grimes | <input type="checkbox"/> Sioux City | <input type="checkbox"/> Chariton |
| <input type="checkbox"/> Jefferson | <input type="checkbox"/> Cherokee | <input type="checkbox"/> Cedar Rapids |
| <input type="checkbox"/> Marshalltown | <input type="checkbox"/> Council Bluffs | <input type="checkbox"/> Davenport |
| <input type="checkbox"/> Mason City | <input type="checkbox"/> Creston | <input type="checkbox"/> Manchester |
| <input type="checkbox"/> New Hampton | <input type="checkbox"/> Fairfield | <input type="checkbox"/> Other |

Route and direction (N, S, E, W or Both) _____

DOT Project Number (if applicable) _____

Project description (PCC/HMA resurfacing or overlay, bridge replacement, new bridge, etc.)

Project begin location (detailed description) (Do NOT use landmarks) _____

Project end location (detailed description) (Do NOT use landmarks) _____

County/Countries _____

24 hour project contact (for after-hours traffic control issues)

Name _____ Phone _____ (If none, please enter none)

Describe the impact on traffic

- | | | |
|--|--|---|
| <input type="checkbox"/> Closed | <input type="checkbox"/> Center lane closed | <input type="checkbox"/> Intersecting road closed |
| <input type="checkbox"/> Closed intermittently | <input type="checkbox"/> Right shoulder closed | <input type="checkbox"/> Local road closures in area |
| <input type="checkbox"/> Intermittent lane closure | <input type="checkbox"/> Left shoulder closed | <input type="checkbox"/> Left lane of exit ramp closed |
| <input type="checkbox"/> Alternating lane closures | <input type="checkbox"/> Exit ramp closed | <input type="checkbox"/> Road construction |
| <input type="checkbox"/> Reduced to one lane | <input type="checkbox"/> Entrance ramp closed | <input type="checkbox"/> Work in the median |
| <input type="checkbox"/> Reduced to two lanes | <input type="checkbox"/> Two center lanes are closed | <input type="checkbox"/> Opposing traffic |
| <input type="checkbox"/> Reduced to three lanes | <input type="checkbox"/> Left exit ramp closed | <input type="checkbox"/> Single lane traffic alternating directions |
| <input type="checkbox"/> Right lane closed | <input type="checkbox"/> Shoulder closed | <input type="checkbox"/> Slow moving maintenance vehicle |
| <input type="checkbox"/> Left lane closed | <input type="checkbox"/> Bridge is closed | |

Additional project information (pilot car, flagger, etc.)

Will there be temporary overhead signals? (15' standard height restriction) Yes No

If yes, please provide the location of the temporary overhead signals.

Project begin date and time: _____ Project end date and time: _____

Times of Closure Continuous Weekdays (Monday – Friday) Nights

Times of closure (Actual times required) _____

Restrictions (Need help deciding appropriate restrictions? Call Motor Carrier Services at 515-237-3264)

Are there restrictions? Yes No (If no, please skip ahead to the "Detour information" section.

Are there width restrictions? Yes No

Is the width restriction the entire length of the project? Yes No

If yes, what is the width restriction? _____

If no, do you have the Restriction Tabulation sheet? Yes No

If yes, please attach the Restriction Tabulation Sheet.

If no, how many width restricted areas and bridges are within the project? _____

If you do NOT have the Restriction Tabulation Sheet, please complete the relevant information for each restricted area or bridge.

- 1. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 2. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 3. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 4. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 5. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 6. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 7. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 8. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 9. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____
- 10. Area or bridge # _____ Travel direction N S E W Measured width minus (at least) 1 ft. _____

Are there height restrictions? Yes No (if no, please continue to next section)

If yes, do you have the Restriction Tabulation sheet? Yes No

If yes, please attach the Restriction Tabulation Sheet.

If no, how many overhead bridges are within the project? _____

If you do NOT have the Restriction Tabulation Sheet, please complete the relevant information for each overhead bridge

- 1. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 2. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 3. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 4. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 5. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 6. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 7. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 8. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 9. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____
- 10. Bridge # or location _____ Travel direction N S E W Estimated Vertical Clearance _____

Are there **weight** restrictions? Yes No Unknown

If yes, what is the weight restriction? _____

Are there **length** restrictions? Yes No Unknown

If yes, what is the length restriction? _____

Are these restrictions 24 hours per day? Yes No (If no, please enter the daily start / end times below.)

Enter the daily restriction START time _____ And daily restriction END time _____

Additional information pertaining to restrictions (shoulder type and width, TBR, channelizing devices, etc.)

Detour Information

Is there a marked detour? Yes No

If yes, are oversized loads allowed on the detour? Yes No

If yes, are there restrictions on the detour? (height, width, length, weight)

If no, what restriction prevents oversize / overweight loads? (height, width, weight, length)

Do you have a map of the detour? Yes No

If yes, please attach the map of the detour

If no, please describe the detour in detail in the space provided below.

District Traffic Tech (contact for all detour restriction info)

Name _____ Phone _____

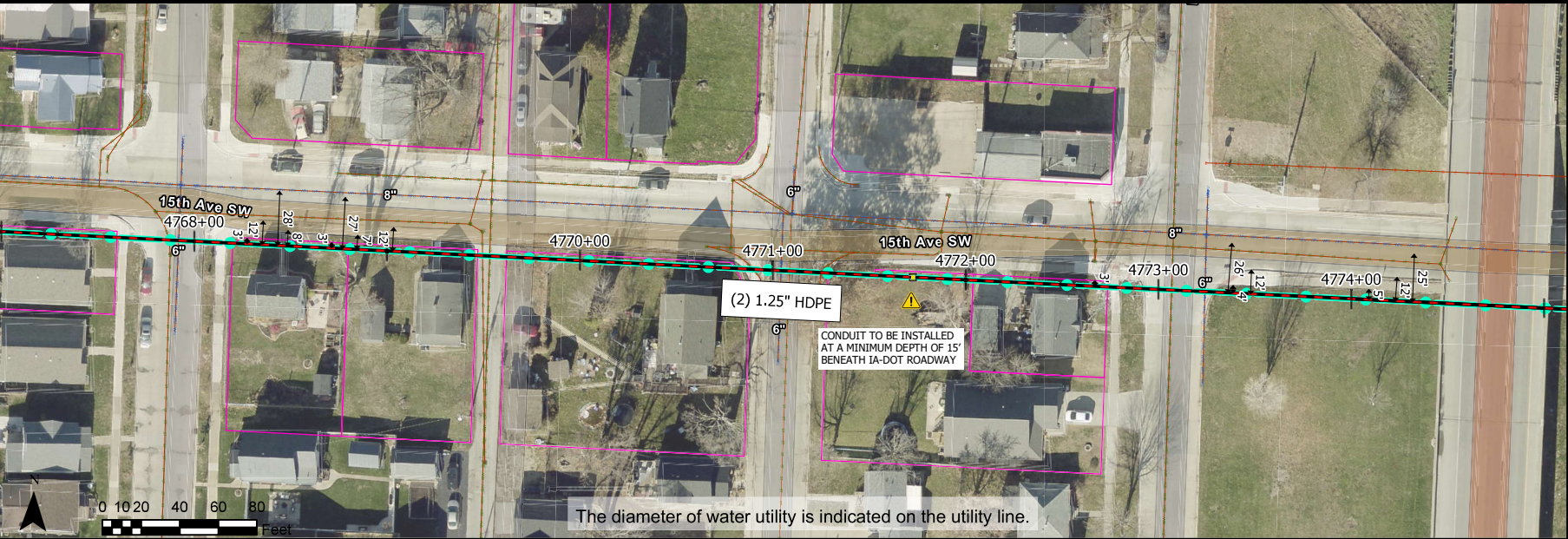
Maintenance Garage responsible for detour: _____

Dynamic Message Signs (DMS)

Request use of permanent DMS is area: Yes No

Proposed signs and messages

CONTINUED ON PAGE 53 OF HUNTER FIELD SUBSTATION - AE CR TOWER



CONTINUED ON PAGE 54 OF HUNTER FIELD SUBSTATION - AE CR TOWER

REVISIONS

1 PROJECT # 149681-10

ISSUED FOR REVIEW

THE INFORMATION ON THIS PRINT IS CONFIDENTIAL AND IS THE PROPERTY OF ALLIANT ENERGY

DATE: 6/7/2024
 SCALE: "AS NOTED"
 DESIGNED BY: CJ
 REVIEWED BY: KJM
 ENGINEER: TVN

Standard Water Standby notes:

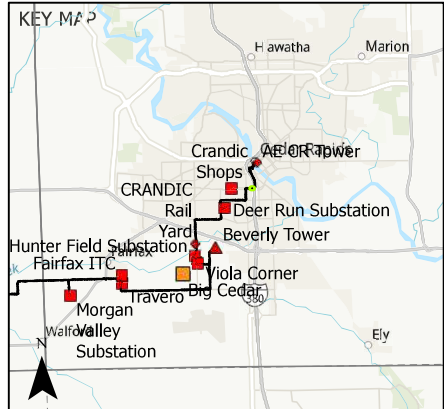
For any excavation within 6 feet of a marked large water main (16 inch or larger), the contractor is required to schedule standby Water Division personnel for that work.
 Contact Water Engineering at (319) 286-5950.
 A 24-hour minimum notice is required for scheduling.
 For directional drilling crossings or installations within 6 feet of a marked large water main (16 inch or larger), the contractor is to locate and expose (pothole or vac excavate) the water main, and Water Division personnel are to be on site during that work.
 Contact Water Engineering at (319) 286-5950.
 A 24-hour minimum notice is required for scheduling.

Required minimum clearances:

From fire hydrants and main line valves, 5 feet on all sides.
 From field marked water mains up to 12 inch, 6 feet parallel, and 2 feet above or below for crossings.
 From field marked water mains 16 inch or larger, 10 feet parallel, and 2 feet above or below for crossings.
 From field located (pothole) water mains 16 inch or larger, 6 feet parallel, and 2 feet above or below for crossings.

Legend		Legend		Legend		Legend	
Existing Utilities	Conduits	Pull Points	Slack Coils	Other	Parcel Data	Existing Utilities	Conduits
Coax	Underground, Bore Conduit	EXISTING HAND-HOLE	144	Construction Note	Right of Way	Coax	Underground, Bore Conduit
Electric	Underground, Existing Conduit	EXISTING JUNCTION BOX	36	Highway Crossing	Private Easement	Electric	Underground, Existing Conduit
Fiber	Underground, Pk/w Conduit	MAINTENANCE HAND-HOLE	Markers	Water Crossing	Wetlands	Fiber	Underground, Pk/w Conduit
Gas	Underground, Hydrovac	NEW JUNCTION BOX	Fiber Marker (w/ Test Station)	Railroad Crossing	Wetlands	Gas	Underground, Hydrovac
Sewer	Fiber	SPLICE POINT HAND-HOLE	Fiber Marker (No Test Station)	Bore Pit	Sites	Sewer	144 Interstate Power and Light Company IPL (Alliant)
Storm	36 Interstate Power and Light Company IPL (Alliant)	EXISTING MAN-HOLE	Splice Point	Splice Point		Storm	36 Interstate Power and Light Company IPL (Alliant)
Telephone						Telephone	
Traffic						Traffic	
Water - Public						Water - Public	
Water - Private						Water - Private	

- Notes**
- DISTANCES MEASURED BY SOFTWARE ARE APPROXIMATE, FIELD TO VERIFY.
 - PARCEL LINES IN MAP ARE NOT SURVEYED AND FOR REFERENCE ONLY.
 - FIBER INSTALLATION TO REMAIN ON BACKSLOPE OF DITCH AS CLOSE TO THE EDGE OF THE ROW UNLESS OTHERWISE NOTED, FIBER TO BE INSTALLED AWAY FROM BOTTOM OF DITCH.
 - FIBER TO MAINTAIN A DEPTH OF 36 INCHES OR DEEPER UNLESS OTHERWISE SPECIFIED.
 - FIBER TO MAINTAIN A MINIMUM 18" HORIZONTAL SEPARATION FROM EXISTING UTILITIES.
 - SUBCONTRACTOR TO LOCATE, MARK, AND AVOID ALL UTILITIES DURING FIBER INSTALLATION.
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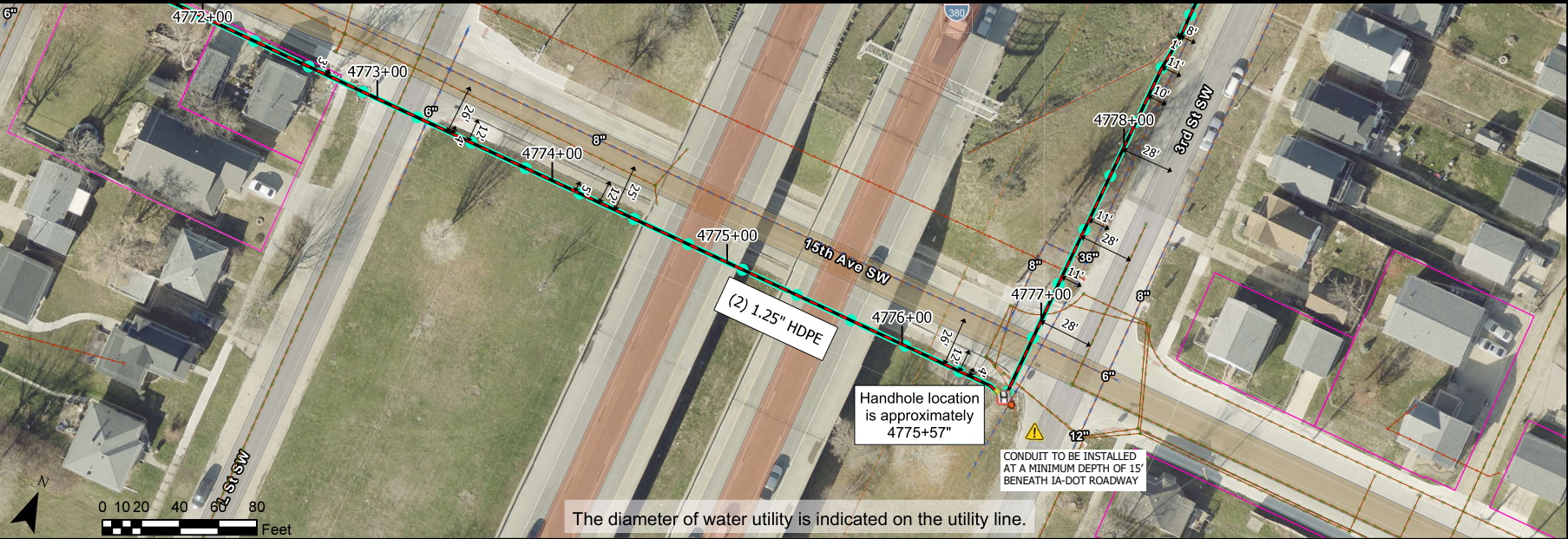


HUNTER FIELD SUBSTATION - AE CR TOWER
 TOWER PAGE 53 OF 70



HNTR-CRTR-53 REV: 1

CONTINUED ON PAGE 53 OF HUNTER FIELD SUBSTATION - AE CR TOWER



The diameter of water utility is indicated on the utility line.

CONTINUED ON PAGE 55 OF HUNTER FIELD SUBSTATION - AE CR TOWER

REVISIONS	
1	PROJECT # 149681-10
	ISSUED FOR REVIEW
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HANDHOLE LOCATION	CONSTRUCTION DETAIL	NOTES	MATERIALS	SLACK	SLACKLENGTH
41.962586°N/91.670219°W	UG-SD-001, UG-SD-002	MAINTENANCE HANDHOLE	30"X48"X36" HANDHOLE, FIBER MARKER W TEST STATION	0	0

Standard Water Standby notes:

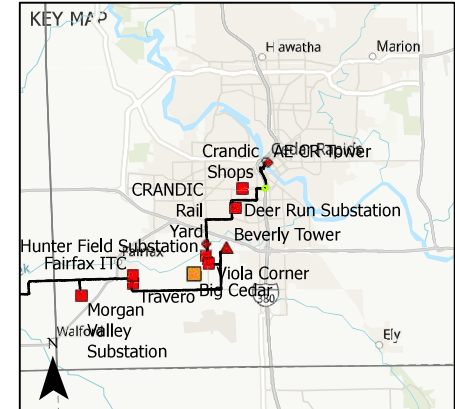
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 A 24-hour minimum notice is required for scheduling.

Required minimum clearances:

From fire hydrants and main line valves, 5 feet on all sides.
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Legend					
Existing Utilities	Conduits	Pull Points	Slack Coils	Other	Parcel Data
Coax	Underground, Bore Conduit	EXISTING HAND-HOLE	144	Construction Note	Right of Way
Electric	Underground, Existing Conduit	EXISTING JUNCTION BOX	36	Highway Crossing	Private Easement
Fiber	Underground, Flow Conduit	MAINTENANCE HAND-HOLE	Fiber Marker (w/ Test Station)	Water Crossing	Wetlands
Gas	Underground, Hydrovac	NEW JUNCTION BOX	Fiber Marker (No Test Station)	Railroad Crossing	Wetlands
Sewer	Fiber	SPLICE POINT HAND-HOLE		Bore Pit	Sites
Storm	144 Interstate Power and Light Company IPL (Alliant)	EXISTING MAN-HOLE		Splice Point	
Telephone	36 Interstate Power and Light Company IPL (Alliant)				
Traffic					
Water - Public					
Water - Private					

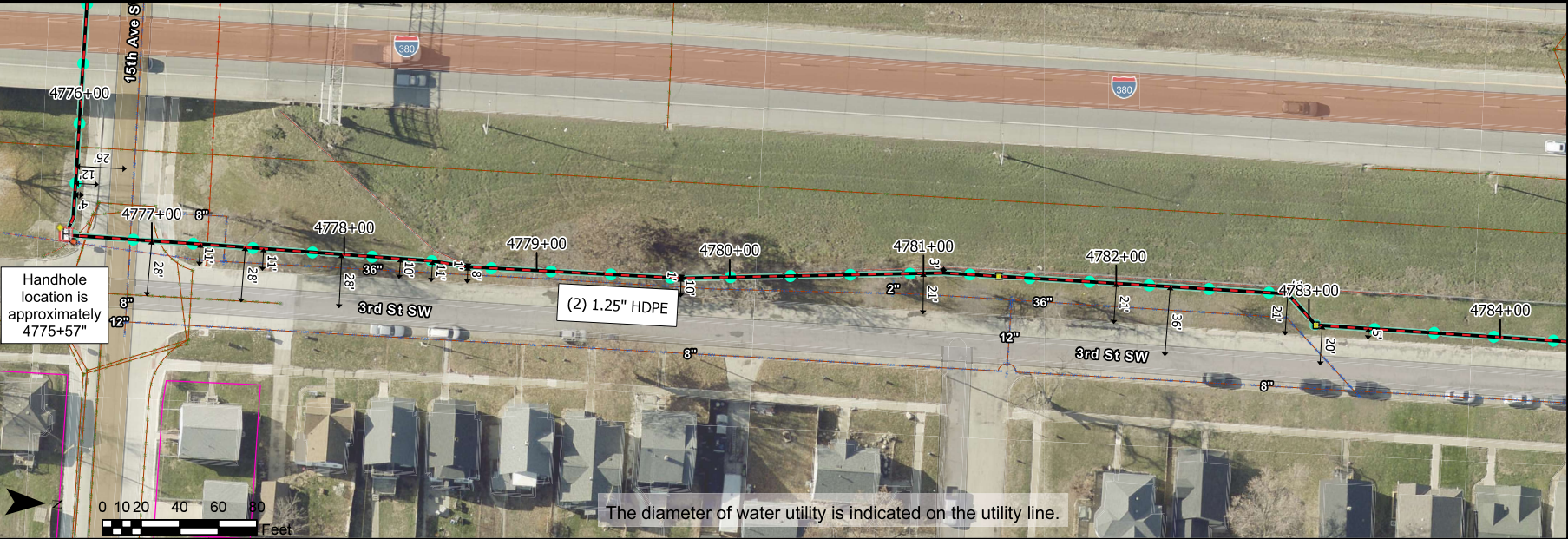
- Notes**
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DATE: 6/25/2024
SCALE: "AS NOTED"
DESIGNED BY: CJ
REVIEWED BY: KJM
ENGINEER: TVN

HUNTER FIELD SUBSTATION - AE CR TOWER PAGE 54 OF 70

CONTINUED ON PAGE 54 OF HUNTER FIELD SUBSTATION - AE CR TOWER



CONTINUED ON PAGE 56 OF HUNTER FIELD SUBSTATION - AE CR TOWER

REVISIONS

1 PROJECT # 149681-10

ISSUED FOR REVIEW

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DATE: 6/25/2024
 SCALE: "AS NOTED"
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Standard Water Standby notes:

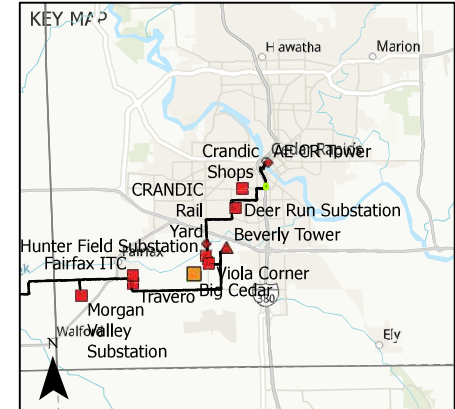
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Legend		Pull Points		Slack Coils		Other		Parcel Data			
Existing Utilities	Conduits	EXISTING HAND-HOLE	144	Construction Note	Right of Way	Coax	Underground, Bore Conduit	EXISTING JUNCTION BOX	144	Highway Crossing	Private Easement
Electric	Underground, Existing Conduit	MAINTENANCE HAND-HOLE	36	Water Crossing	Wetlands	Fiber	Underground, Pflow Conduit	NEW JUNCTION BOX	36	Railroad Crossing	Wetlands
Gas	Underground, Hydrovac	SPLICE POINT HAND-HOLE		Bore Pit	Sites	Sewer	Fiber				
Storm	144 Interstate Power and Light Company IPL (Alliant)	EXISTING MAN-HOLE		Splice Point		Telephone	36 Interstate Power and Light Company IPL (Alliant)				
Water - Public						Traffic					
Water - Private											

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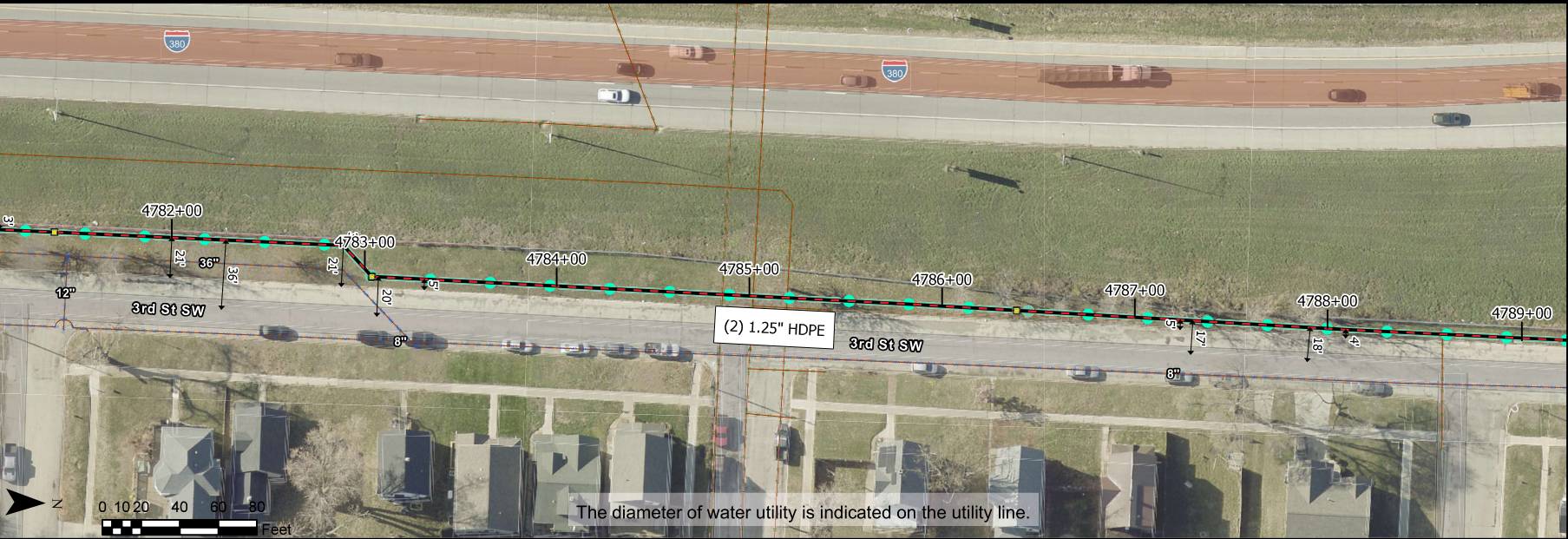


HUNTER FIELD SUBSTATION - AE CR TOWER
 TOWER PAGE 55 OF 70



HNTR-CRTR-55 REV: 1

CONTINUED ON PAGE 55 OF HUNTER FIELD SUBSTATION - AE CR TOWER



CONTINUED ON PAGE 57 OF HUNTER FIELD SUBSTATION - AE CR TOWER

REVISIONS

1 PROJECT # 149681-10

ISSUED FOR REVIEW

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DATE: 6/25/2024
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 ENGINEER: TVN

Standard Water Standby notes:

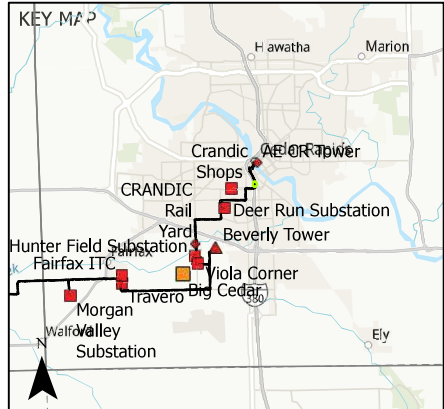
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Legend		Pull Points		Slack Coils		Other		Parcel Data																																		
Existing Utilities	Conduits	EXISTING HAND-HOLE	144	Construction Note	Right of Way	Coax	Underground, Bore Conduit	EXISTING JUNCTION BOX	144	Highway Crossing	Private Easement	Fiber	Underground, Existing Conduit	MAINTENANCE HAND-HOLE	36	Water Crossing	Wetlands	Gas	Underground, Flow Conduit	NEW JUNCTION BOX	Fiber Marker (w/ Test Station)	Wetlands	Sewer	Underground, Hydrovac	SPLICE POINT HAND-HOLE	Fiber Marker (No Test Station)	Bore Pit	Railroad Crossing	Wetlands	Storm	144 Interstate Power and Light Company IPL (Alliant)	Splice Point	Sites	Telephone	36 Interstate Power and Light Company IPL (Alliant)	EXISTING MAN-HOLE	Substation	Water - Public	Office	Tower	Traffic	Water - Private

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HUNTER FIELD SUBSTATION - AE CR TOWER PAGE 56 OF 70



HNTR-CRTR-56 REV: 1

CONTINUED ON PAGE 57 OF HUNTER FIELD SUBSTATION - AE CR TOWER



CONTINUED ON PAGE 59 OF HUNTER FIELD SUBSTATION - AE CR TOWER

REVISIONS

1 PROJECT # 149681-10

ISSUED FOR REVIEW

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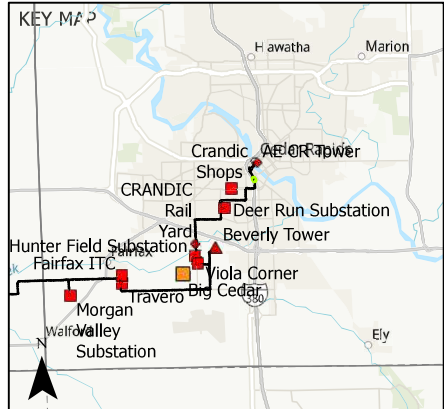
DATE: 5/30/2024
 SCALE: "AS NOTED"
 DESIGNED BY: CJ
 REVIEWED BY: KJM
 ENGINEER: TVN

LABEL NUMBER	CONSTRUCTION DETAIL	NOTES	MATERIALS	SLACK	SLACKLENGTH
41.967157°N/91.670304°W	UG-SD-001, UG-SD-003	FUTURE MID-SHEATH SPLICE	30"X48"X36" HANDHOLE, FIBER MARKER W TEST STATION	1	250

Legend

<p>Existing Utilities</p> <ul style="list-style-type: none"> Coax Electric Fiber Gas Sewer Storm Telephone Traffic 	<p>Conduits</p> <ul style="list-style-type: none"> Underground, Bore Conduit Underground, Existing Conduit Underground, Plow Conduit Underground, Hydrovac <p>Fiber</p> <ul style="list-style-type: none"> 144 Interstate Power and Light Company IPL (Alliant) 36 Interstate Power and Light Company IPL (Alliant) 	<p>Pull Points</p> <ul style="list-style-type: none"> EXISTING HAND-HOLE EXISTING JUNCTION BOX MAINTENANCE HAND-HOLE NEW JUNCTION BOX SPLICE POINT HAND-HOLE EXISTING MAN-HOLE 	<p>Slack Coils</p> <ul style="list-style-type: none"> 144 36 <p>Markers</p> <ul style="list-style-type: none"> Fiber Marker (w/ Test Station) Fiber Marker (No Test Station) 	<p>Other</p> <ul style="list-style-type: none"> Construction Note Highway Crossing Water Crossing Railroad Crossing Bore Pit Splice Point 	<p>Parcel Data</p> <ul style="list-style-type: none"> Right of Way Private Easement <p>Wetlands</p> <ul style="list-style-type: none"> Wetlands <p>Sites</p> <ul style="list-style-type: none"> Substation Office Tower
---	---	---	--	--	--

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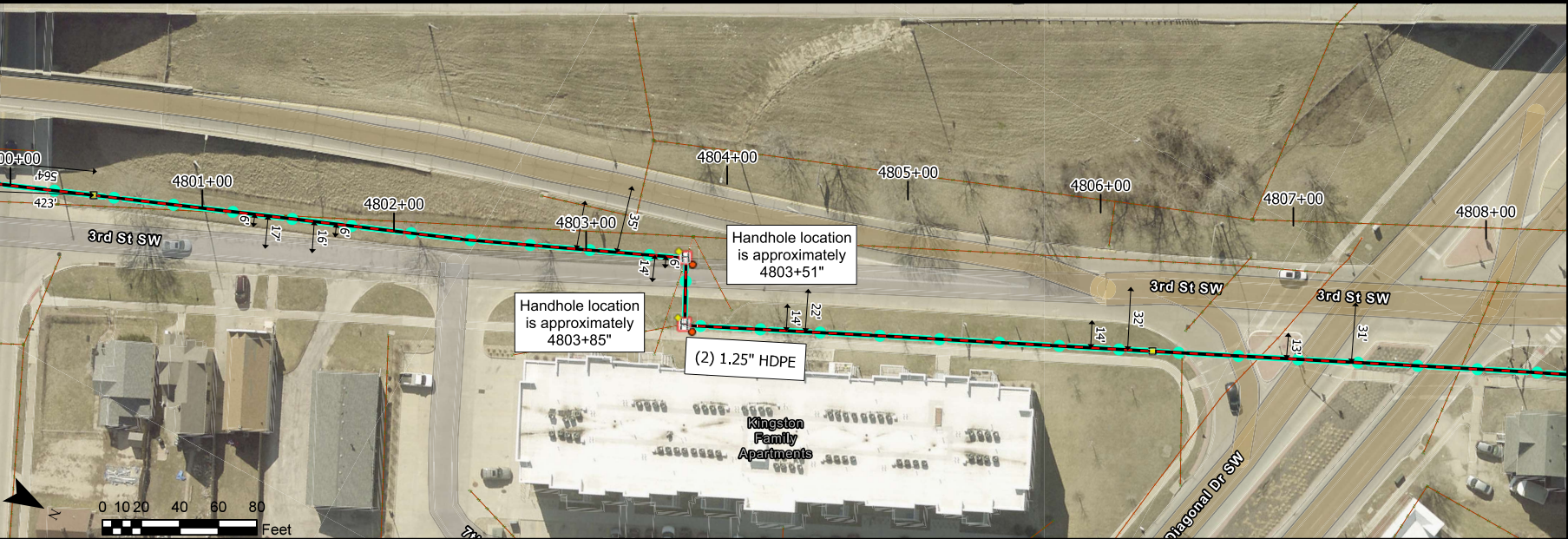


HUNTER FIELD SUBSTATION - AE CR TOWER PAGE 58 OF 70



HNTR-CRTR-58 REV: 1

CONTINUED ON PAGE 59 OF HUNTER FIELD SUBSTATION - AE CR TOWER



HANDHOLE LOCATION	CONSTRUCTION DETAIL	NOTES	MATERIALS	SLACK	SLACKLENGTH
41.969966°N/91.672049°W	UG-SD-001, UG-SD-002	MAINTENANCE HANDHOLE	30"X48"X36" HANDHOLE, FIBER MARKER W TEST STATION	0	0
41.970010°N/91.671936°W	UG-SD-001, UG-SD-002	MAINTENANCE HANDHOLE	30"X48"X36" HANDHOLE, FIBER MARKER W TEST STATION	0	0

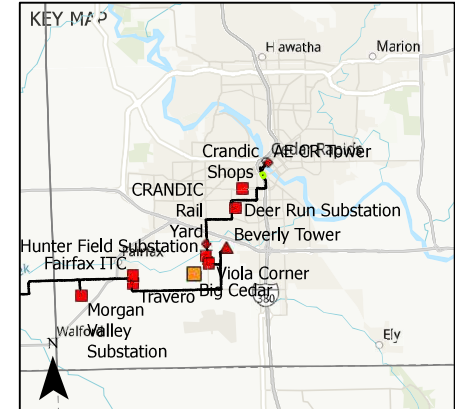
REVISIONS

1	PROJECT # 149681-10
ISSUED FOR REVIEW	
THE INFORMATION ON THIS PRINT IS CONFIDENTIAL AND IS THE PROPERTY OF ALLIANT ENERGY	
DATE: 5/30/2024	SCALE: "AS NOTED"
DESIGNED BY: CJ	REVIEWED BY: KJM
ENGINEER: TVN	

Legend

<p>Existing Utilities</p> <ul style="list-style-type: none"> Coax Electric Fiber Gas Sewer Storm Telephone Traffic 	<p>Conduits</p> <ul style="list-style-type: none"> Underground, Bore Conduit Underground, Existing Conduit Underground, Plow Conduit Underground, Hydrovac <p>Fiber</p> <ul style="list-style-type: none"> 144 Interstate Power and Light Company IPL (Alliant) 36 Interstate Power and Light Company IPL (Alliant) 	<p>Pull Points</p> <ul style="list-style-type: none"> EXISTING HAND-HOLE EXISTING JUNCTION BOX MAINTENANCE HAND-HOLE NEW JUNCTION BOX SPLICE POINT HAND-HOLE EXISTING MAN-HOLE 	<p>Slack Coils</p> <ul style="list-style-type: none"> 144 36 <p>Markers</p> <ul style="list-style-type: none"> Fiber Marker (w/ Test Station) Fiber Marker (No Test Station) 	<p>Other</p> <ul style="list-style-type: none"> Construction Note Highway Crossing Water Crossing Railroad Crossing Bore Pit Splice Point 	<p>Parcel Data</p> <ul style="list-style-type: none"> Right of Way Private Easement <p>Wetlands</p> <ul style="list-style-type: none"> Wetlands <p>Sites</p> <ul style="list-style-type: none"> Substation Office Tower
---	---	---	--	--	--

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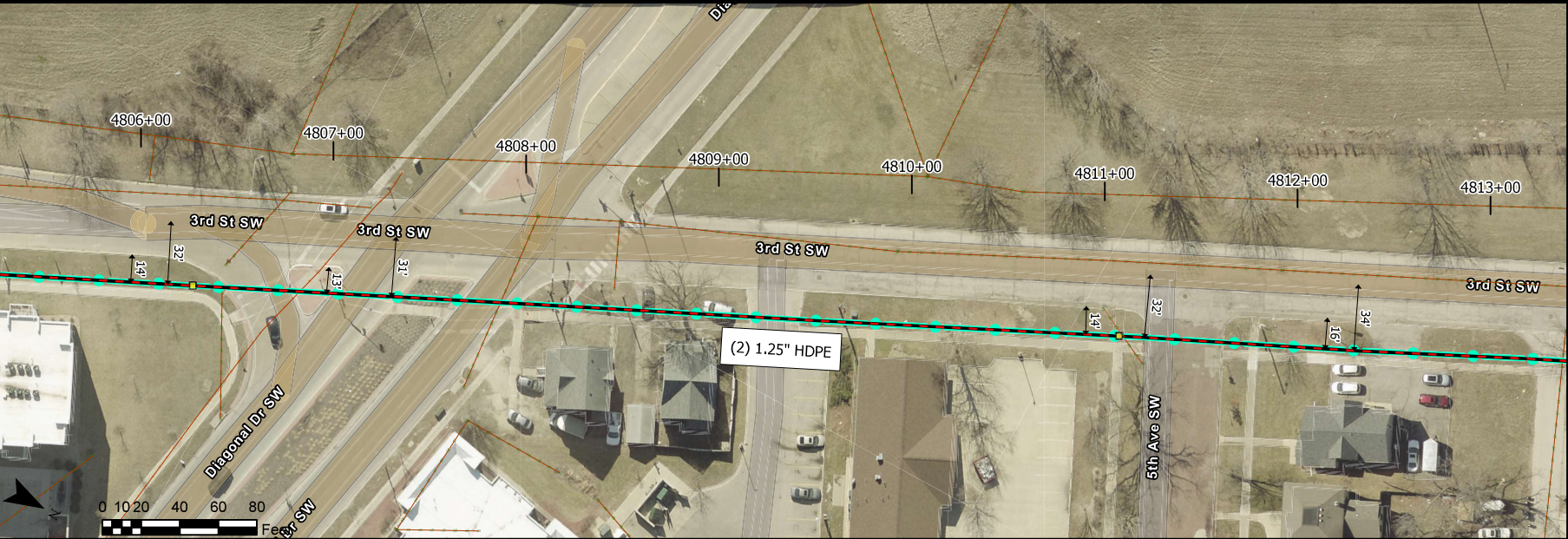


HUNTER FIELD SUBSTATION - AE CR TOWER PAGE 60 OF 70

Alliant Energy

HNTR-CRTR-60	REV: 1
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CONTINUED ON PAGE 60 OF HUNTER FIELD SUBSTATION - AE CR TOWER



CONTINUED ON PAGE 62 OF HUNTER FIELD SUBSTATION - AE CR TOWER

REVISIONS

1 PROJECT # 149681-10

ISSUED FOR REVIEW

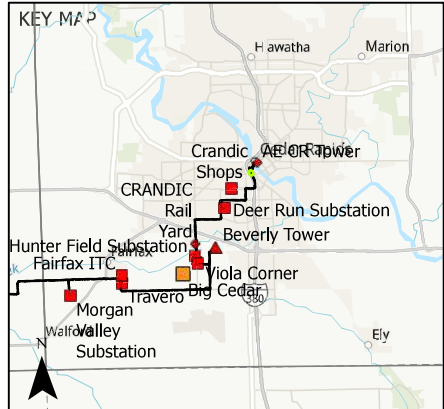
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DATE: 5/30/2024
 SCALE: "AS NOTED"
 DESIGNED BY: CJ
 REVIEWED BY: KJM
 ENGINEER: TVN

HUNTER FIELD SUBSTATION - AE CR TOWER PAGE 61 OF 70

Legend		Pull Points		Slack Coils		Other		Parcel Data	
Coax	Underground, Bore Conduit	EXISTING HAND-HOLE	144	Construction Note	Right of Way	Construction Note	Private Easement	Right of Way	Private Easement
Electric	Underground, Existing Conduit	EXISTING JUNCTION BOX	36	Highway Crossing	Wetlands	Water Crossing	Wetlands	Wetlands	Wetlands
Fiber	Underground, Plow Conduit	MAINTENANCE HAND-HOLE	Fiber Marker (w/ Test Station)	Railroad Crossing	Substation	Underground, Hydrovac	Bore Pit	Office	Tower
Gas	Fiber	NEW JUNCTION BOX	Fiber Marker (No Test Station)	Splice Point	Substation	Sewer	Splice Point	Office	Tower
Storm	144 Interstate Power and Light Company IPL (Alliant)	SPLICE POINT HAND-HOLE	EXISTING MAN-HOLE			Telephone			
Traffic	36 Interstate Power and Light Company IPL (Alliant)					Traffic			

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HNTR-CRTR-61 REV: 1



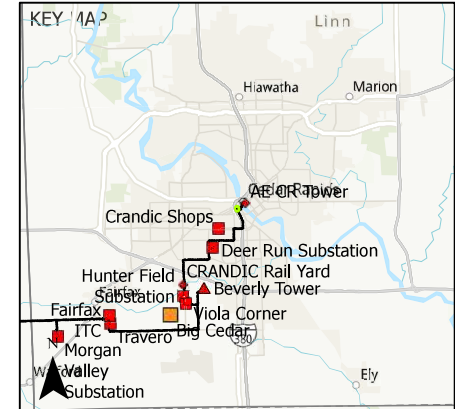
REVISIONS	
1	PROJECT # 149681-10
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LABEL NUMBER	CONSTRUCTION DETAIL	NOTES	MATERIALS	SLACK	SLACKLENGTH
41.973879°N/91.674416°W	UG-SD-001, UG-SD-002	MAINTENANCE HANDHOLE	30"X48"X36" HANDHOLE, FIBER MARKER W TEST STATION	1	100

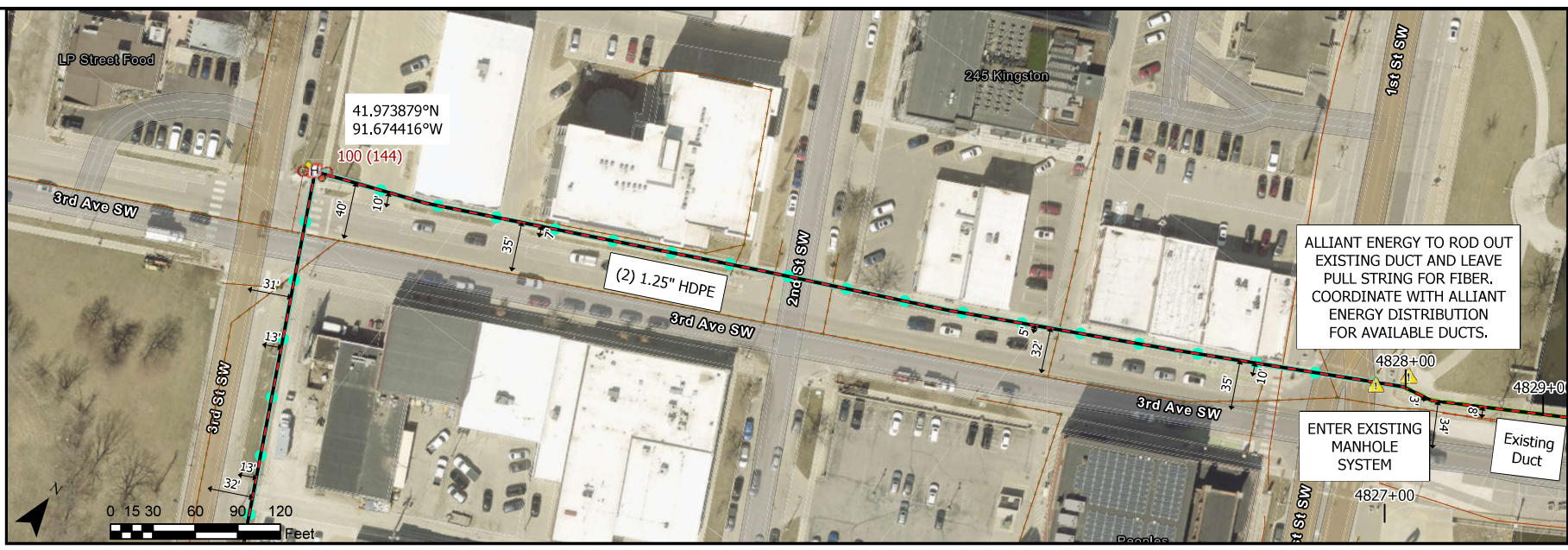
DATE: 5/30/2024
SCALE: "AS NOTED"
DESIGNED BY: CJ
REVIEWED BY: KJM
ENGINEER: TVN

Legend	Existing Utilities	Conduits	Pull Points	Slack Coils	Other	Parcel Data
	Coax	Underground, Bore Conduit	EXISTING HAND-HOLE	144	Construction Note	Right of Way
	Electric	Underground, Existing Conduit	EXISTING JUNCTION BOX	36	Highway Crossing	Private Easement
	Fiber	Underground, Plow Conduit	MAINTENANCE HAND-HOLE	Markers	Water Crossing	Wetlands
	Gas	Underground, Hydrovac	NEW JUNCTION BOX	Fiber Marker (w/ Test Station)	Railroad Crossing	Wetlands
	Sewer	Fiber	SPLICE POINT HAND-HOLE	Fiber Marker (No Test Station)	Bore Pit	Sites
	Storm	144 Interstate Power and Light Company IPL (Alliant)	EXISTING MAN-HOLE		Splice Point	Substation
	Telephone	36 Interstate Power and Light Company IPL (Alliant)				Office
	Traffic					Tower

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- DISTANCES MEASURED BY SOFTWARE ARE APPROXIMATE, FIELD TO VERIFY.
 - PARCEL LINES IN MAP ARE NOT SURVEYED AND FOR REFERENCE ONLY.
 - FIBER INSTALLATION TO REMAIN ON BACKSLOPE OF DITCH AS CLOSE TO THE EDGE OF THE ROW UNLESS OTHERWISE NOTED. FIBER TO BE INSTALLED AWAY FROM BOTTOM OF DITCH.
 - FIBER TO MAINTAIN A DEPTH OF 36 INCHES OR DEEPER UNLESS OTHERWISE SPECIFIED.
 - FIBER TO MAINTAIN A MINIMUM 18" HORIZONTAL SEPARATION FROM EXISTING UTILITIES.
 - SUBCONTRACTOR TO LOCATE, MARK, AND AVOID ALL UTILITIES DURING FIBER INSTALLATION.
 - SUBCONTRACTOR TO NOTIFY LOCATION SERVICES AT MINIMUM THREE DAYS BEFORE EXCAVATION (IA: (800) 292-8989)
 - REFER TO GENERAL NOTES SHEET FOR ALL OTHER PROJECT NOTES.



CONTINUED ON PAGE 65 OF HUNTER FIELD SUBSTATION - AE CR TOWER



CONTINUED ON PAGE 63 OF HUNTER FIELD SUBSTATION - AE CR TOWER

REVISIONS

1 PROJECT # 149681-10

ISSUED FOR REVIEW

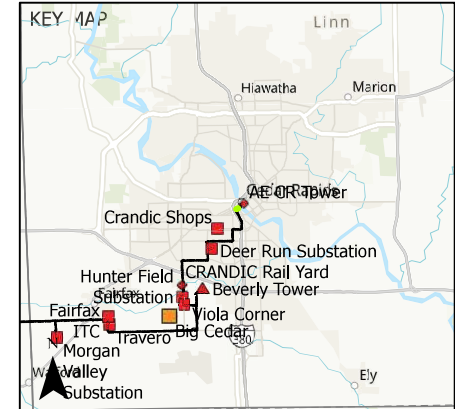
THE INFORMATION ON THIS PRINT IS CONFIDENTIAL AND IS THE PROPERTY OF ALLIANT ENERGY

DATE: 5/30/2024
 SCALE: "AS NOTED"
 DESIGNED BY: CJ
 REVIEWED BY: KJM
 ENGINEER: TVN

HUNTER FIELD SUBSTATION - AE CR
 TOWER PAGE 64 OF 70

Legend		Slack Coils		Other		Parcel Data	
Existing Utilities	Conduits	Pull Points	Slack Coils	Other	Parcel Data	Wetlands	Sites
Coax	Underground, Bore Conduit	EXISTING HAND-HOLE	144	Construction Note	Right of Way	Wetlands	Substation
Electric	Underground, Existing Conduit	EXISTING JUNCTION BOX	36	Highway Crossing	Private Easement	Wetlands	Office
Fiber	Underground, Plow Conduit	MAINTENANCE HAND-HOLE	Markers	Water Crossing	Wetlands	Wetlands	Tower
Gas	Underground, Hydrovac	NEW JUNCTION BOX	Fiber Marker (w/ Test Station)	Railroad Crossing	Sites	Sites	
Sewer	Fiber	SPLICE POINT HAND-HOLE	Fiber Marker (No Test Station)	Bore Pit			
Storm	144 Interstate Power and Light Company IPL (Alliant)	EXISTING MAN-HOLE		Splice Point			
Telephone	36 Interstate Power and Light Company IPL (Alliant)						
Traffic							

- Notes**
- DISTANCES MEASURED BY SOFTWARE ARE APPROXIMATE, FIELD TO VERIFY.
 - PARCEL LINES IN MAP ARE NOT SURVEYED AND FOR REFERENCE ONLY.
 - FIBER INSTALLATION TO REMAIN ON BACKSLOPE OF DITCH AS CLOSE TO THE EDGE OF THE ROW UNLESS OTHERWISE NOTED, FIBER TO BE INSTALLED AWAY FROM BOTTOM OF DITCH.
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 - REFER TO GENERAL NOTES SHEET FOR ALL OTHER PROJECT NOTES.



HNTR-CRTR-64 REV: 1

Burke, Michelle

From: Parker, Drew J <djparker@burnsmcd.com>
Sent: Thursday, May 30, 2024 11:05 AM
To: Burke, Michelle
Cc: Parker, Drew J; Aquino, Justin O
Subject: RE: IA DOT Permit - Alliant IPL A - Linn County - US 380, IA27
Attachments: IPL-A_IDOT APPLICATION_LINNCO - 3rd St SW_05-30-2024.pdf

CAUTION:

This email originated from outside the Iowa Department of Transportation.
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Michelle,

We have updated the mapbooks for our applications along and cross US 380 in Linn County. Due to the file size, I'll need to transmit these mapbooks over multiple emails. This is email 1 of 2.

For the longitudinal installation along US 380 / 3rd St SW we have made the following adjustments:

- The running line has been adjusted so it is as close to the curb as possible while remaining at least 3' way from the interstate fencing.
- The running line has been adjusted to it no longer crossing the interstate off ramp.
- The bend at 15th Ave and 3rd St is no longer in DOT ROW.
- Based on comments we received from the City of Cedar Rapids, we had to revise our route. This increased the length of the build by one block, which now goes from 15th Ave to 3rd Ave St.

Please give these a look and let me know if you need anything else to issue the permit.

Regards,

Drew Parker

M 847-212-9842; O 331-205-8938

From: Burke, Michelle <Michelle.Burke@iowadot.us>
Sent: Thursday, May 23, 2024 11:54 AM
To: Parker, Drew J <djparker@burnsmcd.com>
Subject: RE: IA DOT Permit - Alliant IPL A - Linn County - US 380, IA27

Hi Drew!

Thanks for the information below. No, you misunderstood the City (or me?). It is true that the City cannot issue their permit because it is a DOT owned road, so they must wait for our permit to be approved and issued before they can issue their permit. However, the DOT does not have to wait for their permit, it was just a courtesy notification to you to get one from them.

Please forward the railroad agreement for 3rd Street, and your revised plans showing your work as close to the curb in the City ROW as possible. I noticed there are several areas on the 3rd St plans where it gets pretty close to the interstate, these lines will need to be placed out of the DOT ROW.

Also, you must ensure that the "bend" is NOT placed in DOT ROW, as shown below.

Burke, Michelle

From: Parker, Drew J <djparker@burnsmcd.com>
Sent: Wednesday, June 19, 2024 3:41 PM
To: Burke, Michelle
Cc: Aquino, Justin O; Parker, Drew J
Subject: RE: IA DOT Permit - Alliant IPL A - Linn County - US 380, IA27

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION:

This email originated from outside the Iowa Department of Transportation.
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Michelle,

Thank you for this update. I was happy to hear we were able to establish a path forward after today's site visit. I wanted to touch base and confirm next steps.

Can we do a field update and move this permit forward under our current design? We would be happy to include additional notes to record what was discussed today. Notes that we would add are listed below. Please let me know if there is any additional information we should include.

6/19 Site Walk Notes:

- Potholing to be completed every 40' along conduit route.
- Conduit to maintain a minimum 6' horizontal clearance from Cedar Rapids 36" water main.
- Conduit to be installed close to IA DOT fence line for approximately 700' until 36" water main crosses 3rd St.
- Conduit bend at 15th Ave & 3rd St to remain as close as possible to the 15th St. curb.

Regards,

Drew Parker

M 847-212-9842; O 331-205-8938

From: Burke, Michelle <Michelle.Burke@iowadot.us>
Sent: Wednesday, June 19, 2024 12:35 PM
To: Parker, Drew J <djparker@burnsmcd.com>
Cc: Aquino, Justin O <joaquino@burnsmcd.com>
Subject: RE: IA DOT Permit - Alliant IPL A - Linn County - US 380, IA27

Hi Drew,

I met Jake out at the project location and we talked over the options for this permit. Please add the potholing to your 3rd St permit. The distance from the City's water main and the fence is right at 6', so if you can install the line as close to that fence line for those approximate 700' and then after the water main crosses 3rd St, stay as close to the curb for the rest of the installation, that would work. We also discussed the absolute necessity for the bend in the line to remain as close to the curb at 15th Street as possible to keep it out of the DOT right-of-way. Conflicting records regarding exact right-of-way in this area, but for the most part our records show the ROW line going to the street.

ACCESS AGREEMENT

THIS ACCESS AGREEMENT (this “*Agreement*”) is made and entered into as of the 5th day of January, 2024 (the “*Effective Date*”), by and between CEDAR RAPIDS AND IOWA CITY RAILWAY COMPANY, an Iowa corporation (“*CRANDIC*”) and Interstate Power and Light Company, an Iowa corporation, having its principal place of business at 200 First Street SE, Cedar Rapids, IA 52401-1409 (“*Requesting Party*”). Requesting Party and CRANDIC are referred to individually as a “*Party*” and collectively as the “*Parties*.”

RECITALS:

WHEREAS, CRANDIC owns certain real property located in Cedar Rapids, Iowa, as further described in *Exhibit A* (the “*Premises*”);

WHEREAS, Requesting Party has requested temporary permission from CRANDIC to enter upon the Premises (“*Access*”) for the limited purpose of placing two 1.25” HPDE conduits and fiber optic lines under the track via HDD on Div 1 MP 0.75 DOT#376719N 3rd St SW (hereinafter referred to as the “*Purpose*”), in accordance with the terms of this Agreement; and

WHEREAS, CRANDIC agrees to grant Requesting Party with such Access for the Purpose, all in accordance with the terms of this Agreement.

AGREEMENT:

In consideration of the following terms and conditions CRANDIC hereby grants to Requesting Party Access to the Premises pursuant to this Agreement.

1. *Access.* CRANDIC hereby grants to Requesting Party a temporary, non-exclusive license on, over and across the License Area (as further described and defined in *Exhibit B*) for the Purpose during the Term of this Agreement (the “*License*”).

2. *Term.* This Agreement is effective as of the Effective Date and will expire without any action by either Party upon the earlier of the completion of the Purpose or 31st day of May, 2024 (the “*Term*”). The Parties may, upon mutual agreement in writing, extend the Term.

3. *Requesting Party Covenants.*

a. Upon CRANDIC’s determination, in its sole discretion, that flagging is required for the safe prosecution and completion of any activities associated with the License, Requesting Party shall pay all costs for such flagging (\$140.00 per flagger per hour). The number of flaggers shall be determined by CRANDIC in its sole discretion. If work is performed without proper flagging services when such flagging is required, Requesting Party will be subject to a \$5,000.00 per day price adjustment and may, at CRANDIC’s sole option, be immediately removed from the Premises.

b. Requesting Party shall notify CRANDIC of its arrival and departure from the Premises each day.

c. Prior to entering on to the Premises, Requesting Party shall provide CRANDIC with the name and phone number of a foreman or supervisor that can be contacted in case of emergency or for any other reason CRANDIC requires.

d. In the event Access involves any activity that involves the performance of work on the Premises, upon completion of such activity, a Requesting Party representative will be required to conduct a walk down of the Premises with CRANDIC management.

e. Requesting Party shall, at its sole cost, comply with all applicable laws, rules, regulations, and ordinances of competent authorities affecting said Premises including, but not limited to those relating to Hazardous Materials and the environment (individually and collectively, the "Law"). Requesting Party is solely responsible for obtaining any and all permits required by any Law to support their Access and any activities they conduct on the Premises. As used herein, "Hazardous Material" means any substance which is listed as "hazardous" or "toxic" or listed in the regulations implementing CERCLA. "Hazardous Material" includes any and all material or substances which are defined as "hazardous waste," "hazardous material," "extremely hazardous substance," or a "hazardous substance," pursuant to state, federal, or local governmental law. "Hazardous Materials" includes, but is not restricted to, asbestos, polychlorinated biphenyls ("PCBs"), petroleum and petroleum products.

f. Requesting Party may use contractors to do work on the Premises, provided any such contractors must comply with the terms and conditions hereof, including, but not limited to safety terms. Requesting Party shall be responsible for the acts and omissions of all contractors and shall require all contractors to indemnify CRANDIC to the same extent as set forth herein.

4. *Cooperation.* Requesting Party shall cooperate with CRANDIC personnel and shall take all other reasonably necessary measures to avoid accidents, damage or harm to persons or property, and delays to or interference with CRANDIC operations.

5. *Safety.*

a. Requesting Party shall, at all times, keep the Premises in a safe, clean, and sanitary condition, and shall not mutilate, damage, misuse, alter, or permit waste thereon. No drainage condition shall be created or allowed to exist that is or may be adverse to CRANDIC.

b. All activities performed during the Access shall, as applicable, be done in accordance with instructions of CRANDIC personnel and in such manner as is satisfactory to CRANDIC acting through its designated representatives.

c. **The following clearances must be maintained at all times during Requesting Party activities unless written consent by CRANDIC is otherwise provided: (1) Vertical: 25.0 feet above top of highest rail; and (2) Horizontal: 8.5 feet from centerline of nearest track, measured at right angles thereto.**

6. *Environmental; Safety.*

a. Requesting Party shall be solely responsible for complying with all hazard communication and other requirements of the Occupational Safety and Health Administration (OSHA), as codified at 29 C.F.R. 1910.1200. Requesting Party shall provide Material Safety Data Sheets for any hazardous chemicals brought onto CRANDIC's Premises by Requesting Party, its employees, agents, contractors, or subcontractors. In addition, Requesting Party shall provide the necessary information and training to its employees on each hazardous chemical to which they may be exposed. Requesting Party shall ensure that its employees use proper personal protective equipment, such as hard hats, safety glasses, etc., while on CRANDIC's Premises. Requesting Party may be required to take additional safety precautions and/or terminate activities if work is conducted in an unsafe manner. In such case, Requesting Party shall be responsible for any additional or consequential costs.

b. Requesting Party shall not cause or permit any Hazardous Material other than fluids located inside of vehicles required for vehicle operation (*e.g.*, gasoline, diesel fuel, oil, anti-freeze) to be used, stored, generated, released or disposed of on or in the Premises by Requesting Party, its employees, agents, contractors, subcontractors, or invitees without first obtaining CRANDIC's written consent, which may be withheld at CRANDIC's sole and absolute discretion. If Hazardous Materials are used, stored, generated, released or disposed of on or in the Premises by Requesting Party, its agents, employees, contractors or invitees in violation of this Agreement or any environmental law, or if the Premises become contaminated in any manner for which Requesting Party is liable, Requesting Party shall indemnify, defend, and hold harmless CRANDIC pursuant to the indemnity section set forth below, including, without limitation, for any and all costs incurred in connection with any investigation, remediation or restoration of the Premises or any off-site location (including all costs incurred pursuant to the Comprehensive Environmental Response, Compensation, & Liability Act ("*CERCLA*" or "*Superfund*"), 42 U.S.C. § 9601 *et seq.*). In the event that any spills or releases of any Hazardous Materials into the environment result from the actions of Requesting Party or any of its agents or from any such party's access to the Premises pursuant hereto, the Requesting Party shall: (i) take any and all actions necessary to ensure timely and adequate compliance with all applicable environmental laws and the requirements of relevant governmental authorities, including any applicable reporting, investigation and remediation requirements; and (ii) promptly provide CRANDIC with relevant information regarding the details, status, and compliance efforts associated with the spill or release.

c. Notwithstanding the foregoing and to the extent practicable, Requesting Party shall coordinate all investigative, remedial and response actions with, and obtain prior approval with respect thereto from, CRANDIC. In the event that during its operations Requesting Party discovers any existing contamination, Requesting Party shall stop work on that location and contact CRANDIC for instructions on how to proceed. In no event, absent express written permission of CRANDIC is the Requesting Party authorized to share any information or results associated with the operations, with third parties.

7. *Indemnification.* Requesting Party shall indemnify, defend and hold CRANDIC harmless from and against any and all claims, demands, losses, damages, costs, and expenses

(including, but not limited to, court costs, fines, penalties and reasonable attorneys' fees, but excluding consequential or indirect damages), judgments, liabilities and causes of action to the extent arising out of the acts or omissions of Requesting Party, its employees, agents, contractors, or subcontractors in connection with the (i) Access; (ii) use, storage, generation, release or disposal of any Hazardous Materials on, at or from the Premises; or (iii) violation of any Laws, including environmental Laws, in each case by the Requesting Party, its employees, agents, contractors, or subcontractors. Requesting Party shall indemnify and defend CRANDIC for, from and against any and all mechanics' liens and other liens and encumbrances filed by any person claiming by, through or under Requesting Party and against all costs, expenses, losses and liabilities (including reasonable attorneys' fees) incurred by CRANDIC in connection with any such lien or encumbrance or any action or proceeding brought thereon.

8. *Termination.*

a. The occurrence of any one or more of the following matters constitutes a default by Requesting Party under this Agreement (an "*Event of Default*"):

i. Requesting Party becomes insolvent or generally fails to pay, or admits in writing its inability or unwillingness to pay, its debts as they become due;

ii. Requesting Party makes a general assignment for the benefit of its creditors;

iii. Requesting Party commences or consents to any case, proceeding, or other action (A) seeking reorganization, arrangement, adjustment, liquidation, dissolution, or composition of Requesting Party or of Requesting Party's debts under any Law relating to bankruptcy, insolvency, reorganization, or relief of debts, or (B) seeking appointment of a receiver, trustee, or similar official for Requesting Party or for all or any part of Requesting Party's property;

iv. any case, proceeding, or other action against Requesting Party is commenced (A) seeking to have an order for relief entered against Requesting Party as debtor, (B) seeking reorganization, arrangement, adjustment, liquidation, dissolution, or composition of Requesting Party or Requesting Party's debts under any Law relating to bankruptcy, insolvency, reorganization, or relief of debtors, or (C) seeking appointment of a receiver, trustee, or similar official for Requesting Party or for all or any part of Requesting Party's property;

v. the breach of any representation or warranty made by Requesting Party herein;

vi. Requesting Party attempts to assign, convey, or transfer this Agreement or any interest herein without CRANDIC's prior written consent; or

vii. Requesting Party fails to observe or perform any other covenant, agreement, obligation, duty, or provision of the Contract Documents, and such failure

continues for ten (10) days after Requesting Party's receipt of written notice thereof from CRANDIC.

b. Upon the occurrence of any Event of Default, CRANDIC may, without prejudice to any other right or remedy CRANDIC may have under this Agreement or at law or in equity, terminate this Agreement or any portion of this Agreement and resume and retake possession of said Premises without any accountability whatsoever to Requesting Party, its successors or assigns.

c. Upon termination of this Agreement in any manner, the Requesting Party shall remove all personal property and equipment kept and used on Premises from the Premises and return Premises to the condition it was in prior to the Access. Should the Requesting Party fail to remove such personal property and equipment within ten (10) days after the date of termination of this Agreement, CRANDIC may, at its election, either remove all said personal property and equipment at the sole cost of the Requesting Party or may take and hold said personal property and equipment as its sole property. In the event CRANDIC is not satisfied that the Requesting Party has returned the Premises to an acceptable condition, CRANDIC reserves the right to arrange for such work to be performed and Requesting Party shall reimburse CRANDIC for the cost thereof.

9. *Notice.* Any written notice given by CRANDIC to Requesting Party shall be properly served if the same is delivered to Requesting Party, or one of its agents, or employees, or if mailed, postpaid, addressed to Requesting Party at the address listed below. Any written notice given by Requesting Party to CRANDIC shall be deemed properly served if the same be delivered by mail, postpaid, addressed to CRANDIC at the address listed below.

CRANDIC:
Lane Spence
1445 Rockford Rd SW
Cedar Rapids, IA 52404
(319) 786-3674

Requesting Party:
Name: Mary Montgomery
Title: Sr Real Estate & ROW Rep
Address: 200 1st St. SE Cedar Rapids, IA 52401
Phone: (319) 786-4768
Taxpayer ID: On file

Requesting Party shall notify CRANDIC's representative listed above not less than twenty-four (24) hours before Requesting Party proposes to enter upon CRANDIC's property.

10. *General*

a. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the Parties hereto. However, the Agreement shall not be assigned or in

any manner transferred nor said Premises or any part thereof sublet, used, or occupied by any Party other than Requesting Party without the written consent of CRANDIC.

b. The Parties agree that the laws of the State of Iowa shall govern this Agreement, with venue lying in Linn County District Court.

c. If any of the foregoing provisions is held for any reason to be unlawful or unenforceable, the Parties intend that only the specific words found to be unlawful or unenforceable are severed and deleted from this Agreement and that the balance of the Agreement remains a binding enforceable agreement to the fullest extent permitted by law.

d. The failure of CRANDIC to insist on or enforce, in any instance, strict performance by Requesting Party of any of the terms of this Agreement, or to exercise any rights herein conferred shall not be construed as a waiver or relinquishment to any extent of its right to assert or rely upon any such terms or rights on any future occasion.

e. All provisions of this Agreement that are expressly or by implication to come into or continue in force and effect after the expiration or termination of this Agreement shall remain in effect and be enforceable following such expiration or termination.

f. No modification of this Agreement shall be effective unless made in writing and signed by the parties affected by the modifications. This Agreement and the exhibits attached hereto and made a part hereof constitute the entire understanding between the Parties and cancel and supersede any prior negotiations, understandings or agreements, whether written or oral, with respect to Access to the Premises.

g. The various rights, powers, options, elections, and remedies of either Party, provided in this Agreement, shall be construed as cumulative and no one of them as exclusive of the others, or exclusive of any rights, remedies, or priorities allowed either Party by law, and shall in no way affect or impair the right of either Party to pursue any other equitable or legal remedy to which either Party may be entitled as long as any default remains in any way unremedied, unsatisfied, or undischarged.

h. This Agreement may be executed in two or more counterparts, each of which shall constitute an original, but all of which, when taken together, shall constitute but one instrument. Delivery of an executed counterpart of a signature page to this Agreement by PDF, facsimile or other electronic transmission shall be as effective as delivery of a manually executed counterpart of this Agreement.

IN WITNESS WHEREOF, the Parties hereto have executed in duplicate this Agreement on the day and year first above written.

IPL

Edward C Gilkes

By: Ed Gilkes

Title: Project Manager

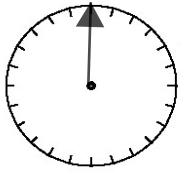
CEDAR RAPIDS AND IOWA CITY RAILWAY

By: Lane K. Spence

Title: Manager Track and Structures

IOWA UNDERGROUND WIRELINE CROSSING

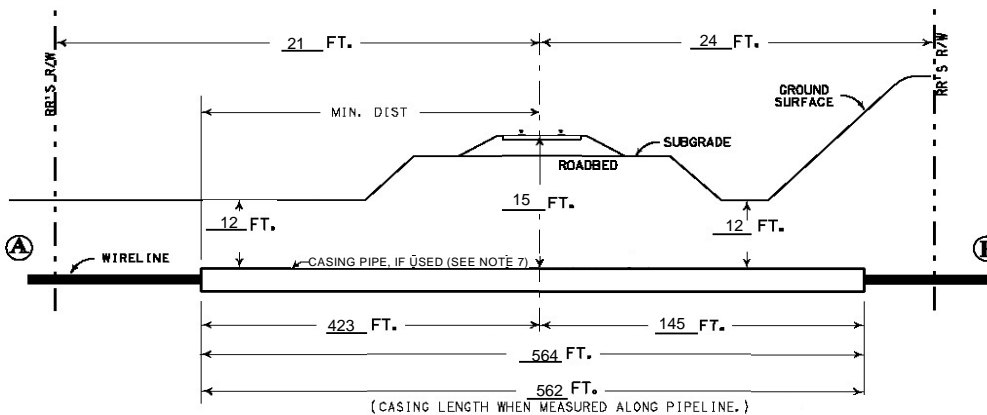
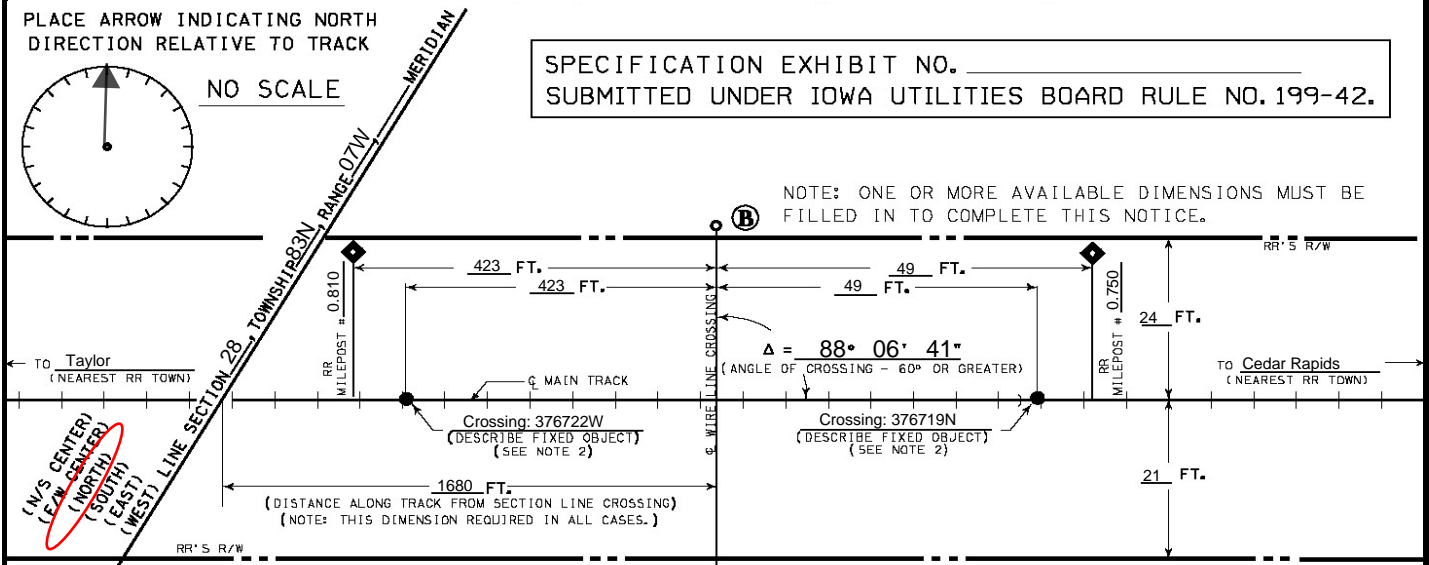
PLACE ARROW INDICATING NORTH DIRECTION RELATIVE TO TRACK



NO SCALE

SPECIFICATION EXHIBIT NO. _____
 SUBMITTED UNDER IOWA UTILITIES BOARD RULE NO. 199-42.

NOTE: ONE OR MORE AVAILABLE DIMENSIONS MUST BE FILLED IN TO COMPLETE THIS NOTICE.



CROSS SECTION AB

FOR RAILROAD REPRESENTATIVE USE

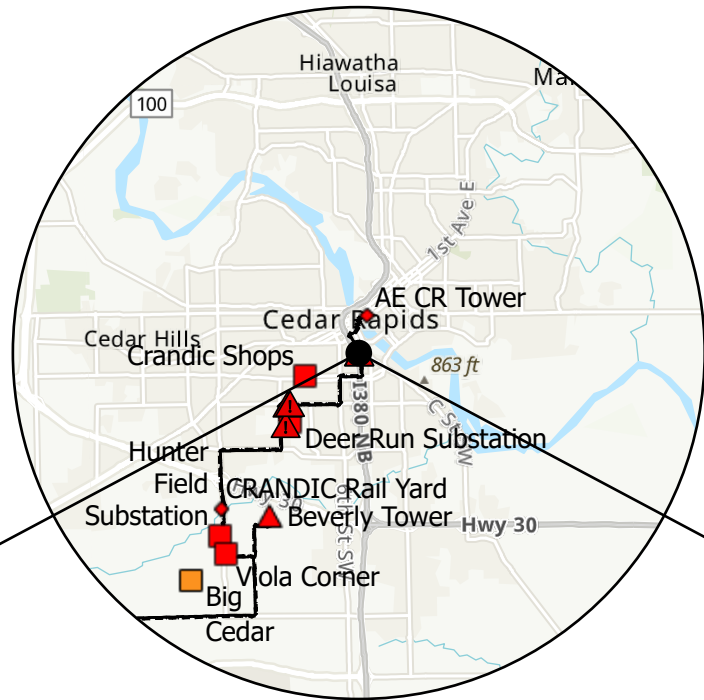
RAILROAD _____ MP _____
 SUBDIVISION _____ E.S. _____
 _____, IOWA (STATE)
 (NEAREST STATION) (COUNTY)
 PHONE: _____ RR FILE NO. _____
 E-MAIL _____

FOR UTILITY REPRESENTATIVE USE

UTILITY Alliant Energy Corporation DATE: _____
 ADDRESS 4902 N Biltmore Ln, Madison, WI 53718
 BY Edward Gilkes PHONE _____
 E-MAIL EdwardGilkes@alliantenergy.com

- A) IS WIRELINE CROSSING WITHIN PUBLIC ROAD? _____ YES; NO;
- B) IF YES, NAME OF STREET _____
- C) TYPE OF WIRELINE CROSSING: _____ TELEPHONE; _____ TELEVISION; FIBER OPTIC; _____ ELECTRIC; OTHER: _____
- D) VOLTAGE TO BE CARRIED UNDER TRACK _____ **0** _____, NO. OF WIRES _____ **1** _____
- E) IF CASING TO BE USED, TYPE OF CASING TO BE INSTALLED _____ **HDPE SDR-11** _____
- F) METHOD OF INSTALLATION:
 HORIZONTAL DIRECTIONAL DRILLING;
 _____ DRY BORE AND JACK (WET BORE NOT PERMITTED);
 _____ TUNNEL; OTHER _____
- G) DISTANCE FROM CENTER LINE OF TRACK TO NEAR FACE OF BORING AND JACKING PITS WHEN MEASURED AT RIGHT ANGLES TO THE TRACK _____ **143 Feet** _____ (30' MIN.)
- H) DISTANCE TO NEAREST ROAD CROSSING WITH SIGNAL LIGHTS OR GATES (IF LESS THAN ONE MILE) _____ **31 Feet** _____

TO BE COMPLETED BY **SMALL UTILITY** AS DEFINED IN THE IUB RULES
 I CERTIFY THAT THIS UTILITY QUALIFIES AS A SMALL UTILITY UNDER
 IOWA UTILITIES BOARD RULE 199 IAC 42.1.
 SIGNED _____ DATE _____



PROJECT INFORMATION

FIBER DESIGN

DAVE HERKERT
PROJECT MANAGER
OFFICE: (608) 458-0596
CELL: (608) 444-2494

OWNER CONTACT

THANH NGUYEN
PROJECT MANAGER
OFFICE: 816-995-9236
MOBILE: 608-575-8660
TVNGUYEN@BURNSMCD.COM

CONSTRUCTION CONTRACTOR

MARK BEAUCHAMP
PROJECT MANAGER
OFFICE: 816-652-2757
MOBILE: 816-799-4571
MRBEAUCHAMP@BURNSMCD.COM

GREG SHUE
LEAD ENGINEER
OFFICE: (608) 458-4434
CELL: (608) 628-4292

KEVIN MCPHERSON
DESIGNER
OFFICE: 816-708-6114
MOBILE: 651-890-7835
KJMCPHERSON@BURNSMCD.COM

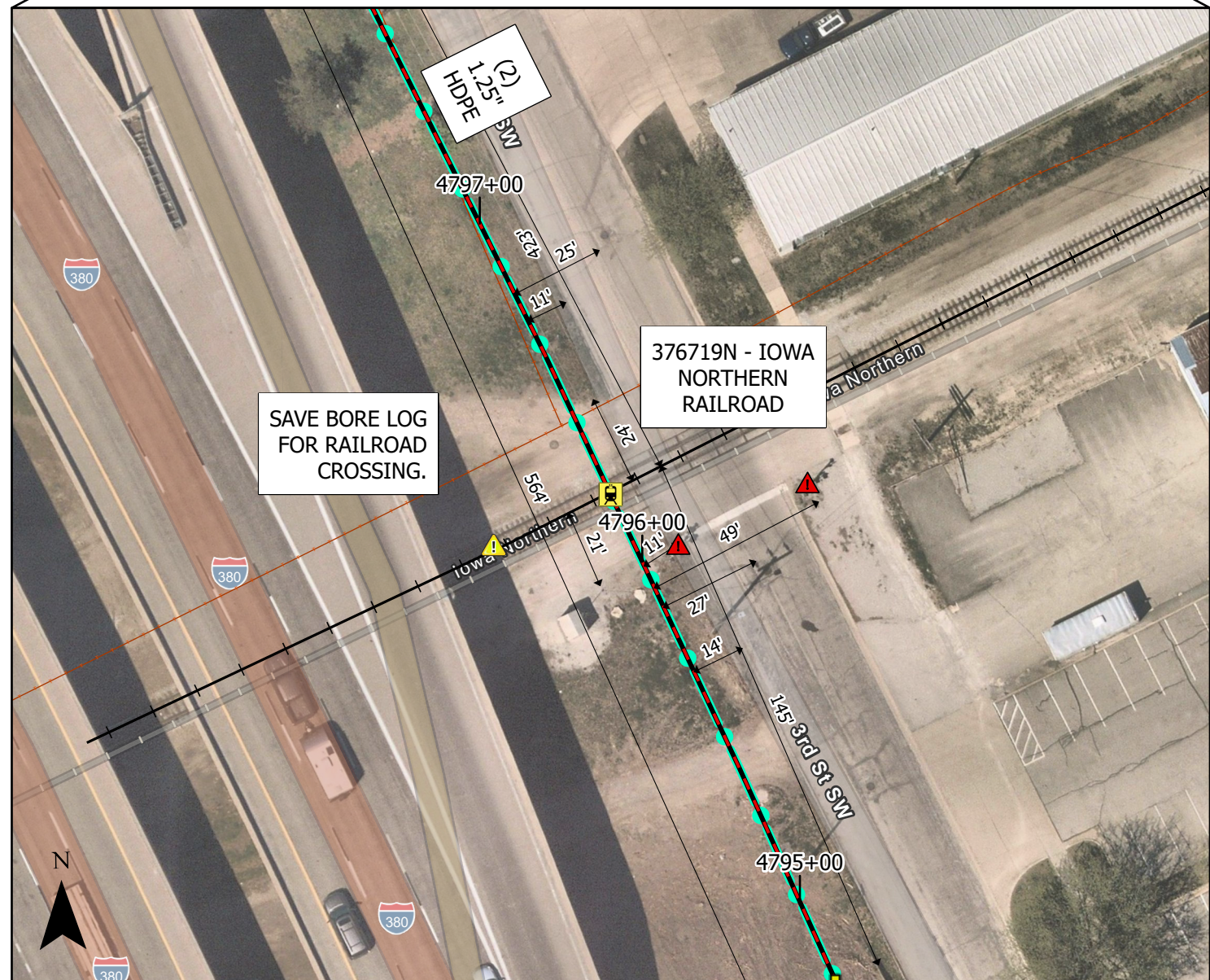
ABE ASSEFA
CONSTRUCTION MANAGER
OFFICE: 816-605-7772
MOBILE: 570-903-6929
AMASSEFA@BURNSMCD.COM



Alliant Energy
4902 N Biltmore Ln
Madison, WI 53718

376719N - IOWA NORTHERN RAILROAD
CLOSEST INTERSECTION: 3RD ST SW BETWEEN 8TH AVE SW AND 10TH AVE SW LINN IA

RAILROAD SUBDIVISION: FIRST DIVISION
RAILROAD MILEPOST: 0.750 ,
RAIL CROSSING COORDINATES: 41.968129 N, 91.670333 W



SAVE BORE LOG FOR RAILROAD CROSSING.

376719N - IOWA NORTHERN RAILROAD

Existing Utilities	Conduits	↔ Measurements
— Fiber	● Underground, Bore Conduit	▲ RR Crossing Post
Fiber	Other Notes	— Railroads
— 144	⚠ Construction Note	□ Right Of Way
	🚂 Railroad Crossing	

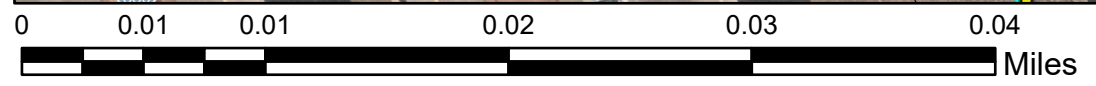


EXHIBIT A
MAP OF PREMISES

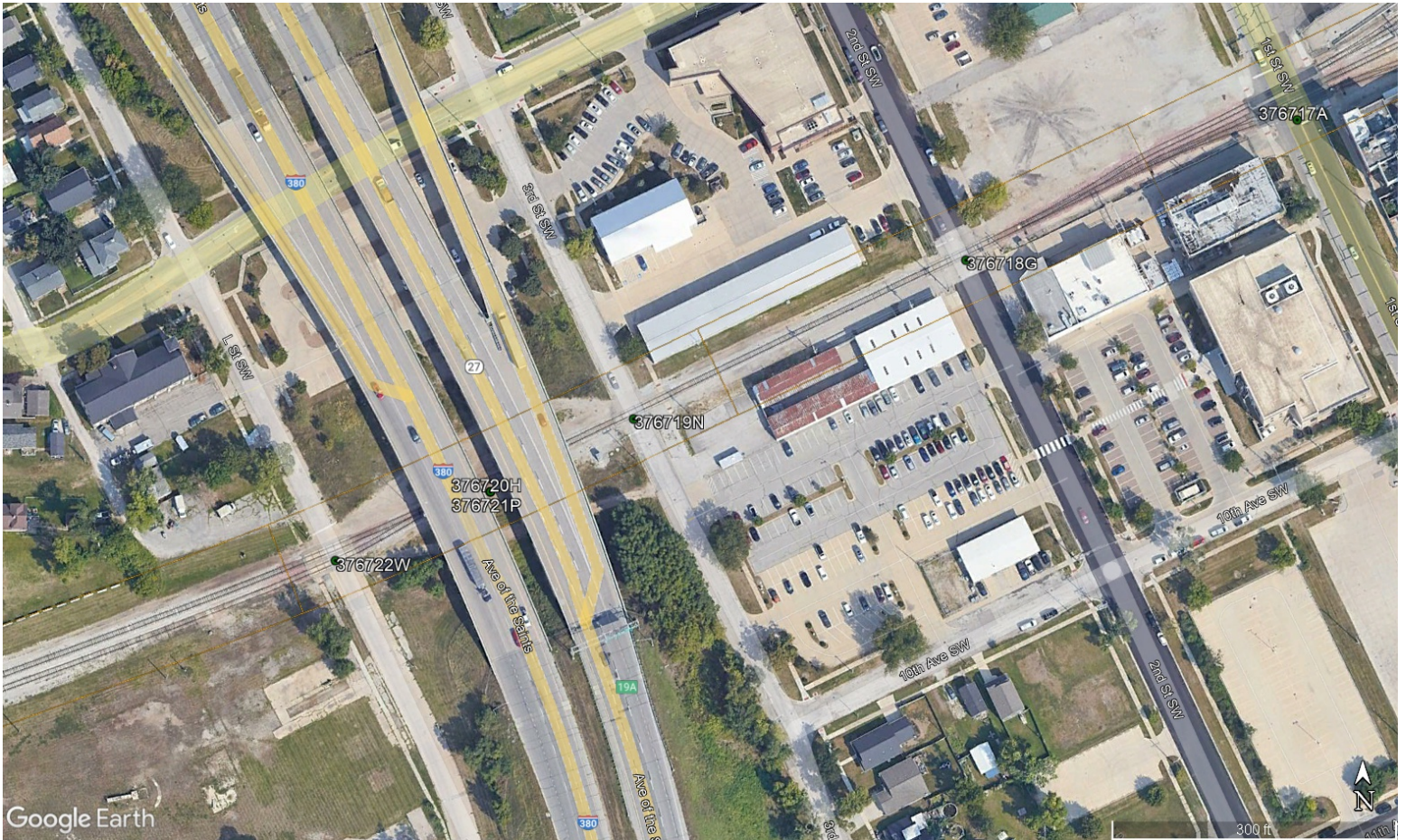
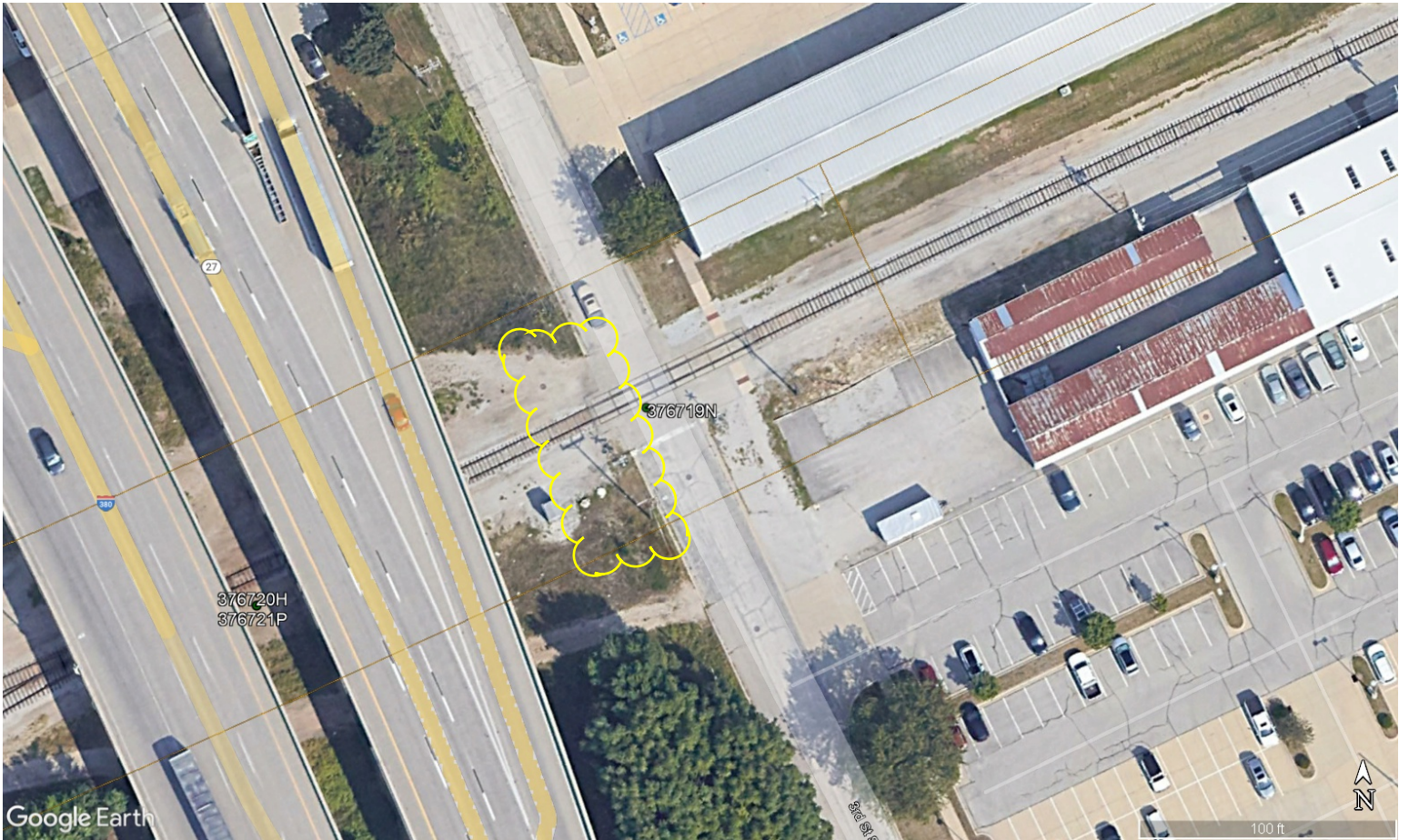


EXHIBIT B

LICENSE AREA

“License Area” means the area indicated below:



CONTRACTOR FLAGGING INFORMATION

Name of Company Requesting Flagging	IPL
- Contact Person and Phone Number	
- Who Gets the Bill	
Name of Company Completing the Work	IPL
Name of Contractor	
Contractor Contact Information	
Location of Work	3rd St SW, Edgewood Rd, Lefebure Rd, Southview Rd, Wilson Ave
Jobslip Number	JS1244
Anticipated Start Date	TBD
Anticipated Start Time	0730
Estimated Duration of Project	2 months TBD

PROJECT INFORMATION

Name of Flagger	
Permit/Warrant Number	
- Date	
- Start Time and Received by Whom	
- Protection Used	
- Area Working in	
- JSB Delivered to Whom	

- End Time and Delivered to Whom	
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Additional Comments:	
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The best way to remain safe is to obey our safety rules, comply with Personal Protective Equipment standards, and communicate your whereabouts while on property.

Contractors are required to:

- Comply with CRANDIC rules and policies, and with local, state and federal laws and regulations.
- Check-in upon arrival at CRANDIC property, and as appropriate to the location.
- Notify CRANDIC Yard Office upon arrival on property before working near or fouling track.
- Upon arrival to a job site and not part of the work crew, notify CRANDIC Employee In Charge and request a job briefing.

Personal Protective Equipment (PPE)

PPE is required when working on and around CRANDIC right-of-way, which may include:

- Hard Hat
- Steel-Toe Boots
- High-Vis Apparel
- Eye Protection in Compliance With the Task

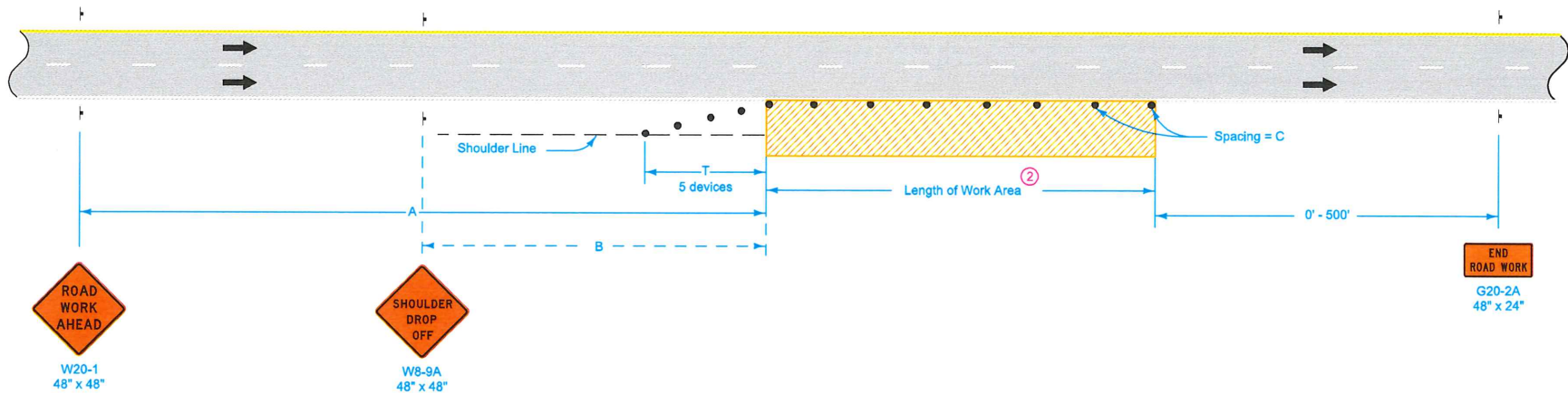
Key Contacts:

CRANDIC Yard Office:

(319) 786-3645

In case of emergency:

(319) 786-3645 or (800) 283-1540



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

LEGEND

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

SPEED LIMIT (mph)	A	B	C ②	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'

STANDARD ROAD PLAN	REVISION 8 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	