



GRINNELL CITY COUNCIL REGULAR SESSION MEETING
MONDAY, MARCH 16, 2020 AT 7:00 P.M.
IN THE COUNCIL CHAMBERS

MINUTES

Mayor Agnew called the meeting to order at 7:00 p.m. with the following council members in attendance: White, Bly, Davis, Hueftle-Worley, Gaard. Absent: Wray.

White made the motion, second by Hueftle-Worley to approve the agenda. AYES: 5-0. Motion carried.

Hueftle-Worley made the motion, second by White to approve the consent agenda as follows:

1. Previous minutes as drafted from the Monday, March 2, 2020 Regular Session.
2. Previous minutes as drafted from the Thursday, March 5, 2020 Special Session.
3. Approve Mayor and Council reappointments:
 1. Veterans Memorial Commission
 - 1) Randy Hotchkin
 - 2) Gwen Rieck
4. Accept resignation of Shawn Walters from the Parks & Recreation Board.
5. Review Campbell Fund requests

AYES: 5-0. Motion carried.

The Council acknowledged receipt of the previous meeting minutes and other communications as follows:

- a) Finance Committee minutes: March 2, 2020.
- b) Public Works & Grounds Committee minutes: March 2, 2020.
- c) Public Safety Committee minutes: March 2, 2020.
- d) Planning Committee minutes: March 2, 2020.
- e) Parks & Recreation Board minutes: March 9, 2020.
- f) February 2020 Monthly Treasurer's Report.
- g) February 2020 Monthly Police Report.
- h) February 2020 Monthly Building Permit Report.

The Mayor announced it was the time and place for the public hearing on adopting proposed FY 2021 Budget. He asked for any comments written or verbal, for or against adopting the budget. There were none.

Hueftle-Worley made the motion, second by White to close the public hearing. AYES: 5-0. Motion carried.

The Mayor announced it was the time and place for the public hearing on adopting plans and specifications, proposed form of contract and estimate of cost for the construction of the 16th Avenue Culvert Replacement Project. He asked for any comments written or verbal, for or against adopting the budget. There were none.

Hueftle-Worley made the motion, second by White to close the public hearing. AYES: 5-0. Motion carried.

FINANCE COMMITTEE

White made the motion, second by Bly to approve Resolution No. 2020-33 – A resolution adopting FY 2021 budget. AYES: 5-0. Motion carried.

White made the motion, second by Bly to approve recommendation from the Grinnell Historic Preservation Commission regarding 915 Main Street. AYES: 5-0. Motion carried.

White made the motion, second by Bly to approve supporting an application to the Iowa Economic Development Authority Community Catalyst grant program on behalf of 915 Main Street. AYES: 5-0. Motion carried.

PUBLIC WORKS AND GROUNDS COMMITTEE

Hueftle-Worley made the motion, second by Gaard to approve Resolution No. 2020-34 - A resolution adopting plans and specifications, proposed form of contract and estimate of cost for the construction of the 16th Avenue Culvert Replacement Project. AYES: 5-0. Motion carried.

PLANNING COMMITTEE

Cheryl Neubert, Historic Preservation Committee, gave a presentation on the Certified Local Government Annual Report.

ORDINANCE

Hueftle-Worley made the motion, second by White to approve the second reading of Ordinance No. 1483 – An ordinance amending provisions pertaining to Animal Protection and Control. AYES: 5-0. Motion carried.

INQUIRIES

There were no inquiries.

ADJOURNMENT

The Mayor declared the meeting adjourned at 7:09 p.m.



GRINNELL CITY COUNCIL SPECIAL SESSION MEETING
FRIDAY, APRIL 3, 2020 at 2:00 P.M.
IN THE COUNCIL CHAMBERS AND ZOOM

MINUTES

Mayor Agnew called the meeting to order at 2:00 p.m. with all council members in attendance via Zoom.

White made the motion, second by Gaard to approve the agenda. AYES: 6-0. Motion carried.

Wray made the motion, second by White to approve Resolution No. 2020-35 - A resolution setting public hearing for Proposed Maximum Property Tax Levy. AYES: 6-0. Motion carried.

Mayor Agnew stated that all meetings will be held electronically going forward.

The Mayor declared the meeting adjourned at 2:05 p.m.

DAN F. AGNEW, MAYOR

ATTEST:

ANNMARIE WINGERTER, CITY CLERK/FINANCE DIRECTOR

Applicant License Application (LE0000590)

Name of Applicant: <u>Hy-Vee, Inc.</u>		
Name of Business (DBA): <u>Hy-Vee Food Store</u>		
Address of Premises: <u>320 West St S</u>		
City <u>Grinnell</u>	County: <u>Poweshiek</u>	Zip: <u>5011200</u>
Business <u>(641) 236-6584</u>		
Mailing <u>5820 Westown Pkwy</u>		
City <u>West Des Moines</u>	State <u>IA</u>	Zip: <u>50266</u>

Contact Person

Name <u>Kelly Palmer</u>			
Phone: <u>(515) 267-2949</u>	Email	<u>kpalmer@hy-vee.com</u>	

Classification Class E Liquor License (LE)

Term:12 months

Effective Date: 04/21/2020

Expiration Date: 04/20/2021

Privileges:

- Class B Wine Permit
- Class C Beer Permit (Carryout Beer)
- Class E Liquor License (LE)
- Sunday Sales

Status of Business

BusinessType: <u>Privately Held Corporation</u>	
Corporate ID Number: <u>XXXXXXXXXX</u>	Federal Employer ID <u>XXXXXXXXXX</u>

Ownership

Stephen Meyer

First Name: Stephen **Last Name:** Meyer
City: Des Moines **State:** Iowa **Zip:** 50309
Position: Executive VP, Secretary
% of Ownership: 0.00% **U.S. Citizen:** Yes

Randy Edeker

First Name: Randy **Last Name:** Edeker
City: Urbandale **State:** Iowa **Zip:** 50322
Position: CEO, President
% of Ownership: 0.00% **U.S. Citizen:** Yes

Michael Skokan

First Name: Michael **Last Name:** Skokan

City: Waukee **State:** Iowa **Zip:** 50263
Position: CFO, Treasurer
% of Ownership: 0.00% **U.S. Citizen:** **Yes**

Jeffrey Pierce

First Name: Jeffrey **Last Name:** Pierce
City: West Des Moines **State:** Iowa **Zip:** 50265
Position: Asst. Treasurer, Financial Reporting
% of Ownership: 0.00% **U.S. Citizen:** **Yes**

Andrew Schroeder

First Name: Andrew **Last Name:** Schroeder
City: Johnston **State:** Iowa **Zip:** 50131
Position: AVP, Assistant Controller
% of Ownership: 0.00% **U.S. Citizen:** **Yes**

Insurance Company Information

Insurance Company: <u>EMPLOYERS MUTUAL CASUALTY COMPANY</u>	
Policy Effective Date:	Policy Expiration
Bond Effective	Dram Cancel Date:
Outdoor Service Effective	Outdoor Service Expiration
Temp Transfer Effective	Temp Transfer Expiration Date:

Applicant License Application (LE0001295)

Name of Applicant: <u>Walmart Inc.</u>		
Name of Business (DBA): <u>Wal-Mart Supercenter #647</u>		
Address of Premises: <u>415 Industrial Ave</u>		
City <u>Grinnell</u>	County: <u>Poweshiek</u>	Zip: <u>50112</u>
Business <u>(641) 236-4999</u>		
Mailing <u>508 SW 8th St</u>		
City <u>Bentonville</u>	State <u>AR</u>	Zip: <u>727160500</u>

Contact Person

Name <u>Cynthia Montero</u>		
Phone: <u>(479) 277-4656</u>	Email <u>cynthia.montero@walmart.com</u>	

Classification Class E Liquor License (LE)

Term:12 months

Effective Date: 04/17/2019

Expiration Date: 04/16/2020

Privileges:

- Class B Wine Permit
- Class C Beer Permit (Carryout Beer)
- Class E Liquor License (LE)
- Sunday Sales

Status of Business

BusinessType: <u>Privately Held Corporation</u>		
Corporate ID Number: <u>XXXXXXXXXX</u>	Federal Employer ID <u>XXXXXXXXXX</u>	

Ownership

Doug McMillon

First Name: Doug **Last Name:** McMillon
City: Bentonville **State:** Arkansas **Zip:** 72712
Position: President & CEO
% of Ownership: 0.00% **U.S. Citizen:** Yes

Andrea Marie Lazenby

First Name: Andrea Marie **Last Name:** Lazenby
City: Bentonville **State:** Arkansas **Zip:** 72712
Position: Assistant Secretary
% of Ownership: 0.00% **U.S. Citizen:** Yes

Cynthia Moehring

First Name: Cynthia **Last Name:** Moehring

City: Bentonville **State:** Arkansas **Zip:** 72712
Position: Sr. VP & Chief Compliance
% of Ownership: 0.00% **U.S. Citizen:** Yes

Matthew Allen

First Name: Matthew **Last Name:** Allen
City: Rogers **State:** Arkansas **Zip:** 72758
Position: Assistant Treasurer
% of Ownership: 0.00% **U.S. Citizen:** Yes

Insurance Company Information

Insurance Company: <u>Fidelity & Deposit Company of Maryland</u>	
Policy Effective Date: <u>04/17/2019</u>	Policy Expiration <u>01/01/1900</u>
Bond Effective <u>2</u>	Dram Cancel Date:
Outdoor Service Effective	Outdoor Service Expiration
Temp Transfer Effective	Temp Transfer Expiration Date:

Applicant License Application (LC0036767)

Name of Applicant: <u>West Side Family Dining Inc</u>		
Name of Business (DBA): <u>West Side Family Restaurant</u>		
Address of Premises: <u>229 6th Ave W</u>		
City <u>Grinnell</u>	County: <u>Poweshiek</u>	Zip: <u>50112</u>
Business	<u>(641) 236-5939</u>	
Mailing	<u>229 6th Ave W</u>	
City <u>Grinnell</u>	State <u>IA</u>	Zip: <u>50112</u>

Contact Person

Name <u>Matthew Blankenfeld</u>
Phone: <u>(641) 236-5939</u> Email <u>grinnellwestside@gmail.com</u>

Classification Class C Liquor License (LC) (Commercial)

Term:12 months

Effective Date: 04/19/2019

Expiration Date: 04/18/2020

Privileges:

Class C Liquor License (LC) (Commercial)

Sunday Sales

Status of Business

BusinessType: <u>Privately Held Corporation</u>
Corporate ID Number: <u>XXXXXXXXXX</u> Federal Employer ID <u>XXXXXXXXXX</u>

Ownership

Bruce Blankenfeld

First Name: Bruce **Last Name:** Blankenfeld
City: Grinnell **State:** Iowa **Zip:** 50112
Position: treasurer
% of Ownership: 45.00% **U.S. Citizen:** Yes

Laura Blankenfeld

First Name: Laura **Last Name:** Blankenfeld
City: Grinnell **State:** Iowa **Zip:** 50112
Position: vice president
% of Ownership: 45.00% **U.S. Citizen:** Yes

Matther Blankenfeld

First Name: Matther **Last Name:** Blankenfeld
City: Grinnell **State:** Iowa **Zip:** 50112
Position: President

% of Ownership: 10.00%

U.S. Citizen: Yes

Insurance Company Information

Insurance Company:	<u>Illinois Casualty Co</u>		
Policy Effective Date:	<u>04/19/2019</u>	Policy Expiration	<u>04/18/2020</u>
Bond Effective		Dram Cancel Date:	
Outdoor Service Effective		Outdoor Service Expiration	
Temp Transfer Effective		Temp Transfer Expiration Date:	



City of Grinnell

...Jewel of the Prairie

Police Department
1020 Spring Street
Grinnell, IA 50112

Phone: 641-236-2670
FAX: 641-236-2652
ORI#IA0790100

April 2, 2020

Mr. Russell Behrens
520 4th Avenue
Grinnell, IA 50112

Re: Retirement

Dear Russ,

As previously discussed, it is my intention to retire from law enforcement at the end of 2020. While I have not yet filed any paperwork with the Municipal Fire and Police Retirement System of Iowa (MFPRSI), it would be my intention to retire effective January 1, 2021. This will bring to a close over thirty-three years in law enforcement, with the last ten serving as a Chief. To say that my career has been rewarding would be an understatement. I have had the extreme honor and privilege of serving with dedicated professionals, in tremendous communities, such as Grinnell.

I am sharing this information to you now in the hopes that it provide ample time for the city to conduct a competitive search for my replacement. I have no doubt that the city will identify, and hire, a law enforcement professional who will continue to move the department in a positive direction, working collaboratively with the city and community.

I want to thank you for the opportunity to serve such a fabulous community for almost nine years. While my roots may be in New Jersey, Grinnell will always be a home for my family and I. I will always cherish my time serving Grinnell.

If you should require any further information, I will certainly make myself available.

Respectfully,

Dennis M. Reilly
Chief of Police

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

FOR DEPARTMENT USE ONLY

Permit Number	Highway Number 146	County Poweshiek
DOT Project Number		Expiration/Completion Date

APPLICANT (INDIVIDUAL OR COMPANY)

First Name	Middle Initial	Last Name	Phone Number	Ext.
Company Name Windstream Iowa Communications, LLC			Phone Number 501-748-9471	Ext.
Street Address 4001 N. Rodney Parham Road, B3F3 #3310B		City/Town Little Rock	State AR	ZIP Code 72212
e-Mail Address deanna.phillips@windstream.com		Secondary e-Mail Address jason.hedlund@windstream.com		

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:
 Move the existing fiber along Hwy 146 on the West side for bridge work. Place new 25 pair copper across Hwy 146 and south to feed Casey's and Brownells. Cap and clear the 300 pair and the 100 pair copper going south along both sides of Hwy 146. Double check with DOT about 12 fiber running along 40th St but I believe we should be ok here.

OSP-17640 / JobTrac #713392376

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

WORK SITE LOCATION

The proposed work as described above is located in Section 32, Twp. 80N, Range 16W on Highway No. 146 generally located 3.21 (miles) South (direction) from Grinnell (city, county line, or other landmark). Work proposed is more specifically located as being from 182.62 (Milepost #) and 106+96 (Highway Station) to 18.67 (Milepost #) and 5094+20 (Highway Station) on the _____ side of highway.

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

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

A. General

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

B. Construction and Maintenance

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

C. Liability

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

D. Notification

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

E. Buy America

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

Permit Number: _____

FOR DEPARTMENT USE ONLY

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

Applicant Signature and Agreement

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

Name of Agent (<i>Print or Type</i>) Deanna L. Phillips	Agent/Owner (<i>Signature</i>) <i>Deanna L. Phillips</i>	Title Analyst I - Engineering Support
Name of Owner (<i>Print or Type</i>) Windstream Iowa Communications, LLC		Date 03/24/2020
e-Mail Address deanna.phillips@windstream.com		

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

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

Recommend Approval Do Not Recommend Approval None Required

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

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

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

Recommend Approval Do Not Recommend Approval None Required

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

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval Do Not Recommend Approval None Required

Authorized FHWA Representative Signature	Date
--	------

DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved Application Denied Permit Number:

Authorized Highway District Representative	Signature	Date
e-Mail Address		

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)	Phone Number		
Street Address	City/Town	State IA	ZIP Code
e-Mail Address			

Permit Number: _____

Site Plan & Attachments Checklist for IDOT Utilities Accommodation Permit

- Plans showing IADOT Highway Centerline, Highway Number, DOT Stationing and Milepost are required.
- Visible orientation (North Arrow) and identifying landmarks are required.
- Clearly identify Right Of Way (ROW) line 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 utilities)
- List all of 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) <http://www.iowadot.gov/traffic/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.
This includes pedestals, wire, conduit, poles, guy anchors, junction boxes, handholes and manholes.
ALL MUST BE REFERENCED BY DOT Stationing and distance from centerline.
- Show where installation starts and stops, leaves ROW, stops at existing pedestal, pole, etc.
Use IADOT 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 and/or after installation, including:
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, we can't assume you will do it if it is not shown in the plan.

Attachments

- Proper Traffic Control Standards (IADOT TCxxx Series Standard plans preferred)
Available at - http://www.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 lane restriction is anticipated) (Supplied by the Department)
- If paper applications are submitted, at least 2 sets of site plans (11 x 17 preferred) and 1 original of the permit application with all original signatures (Scanned and emailed copies are accepted)

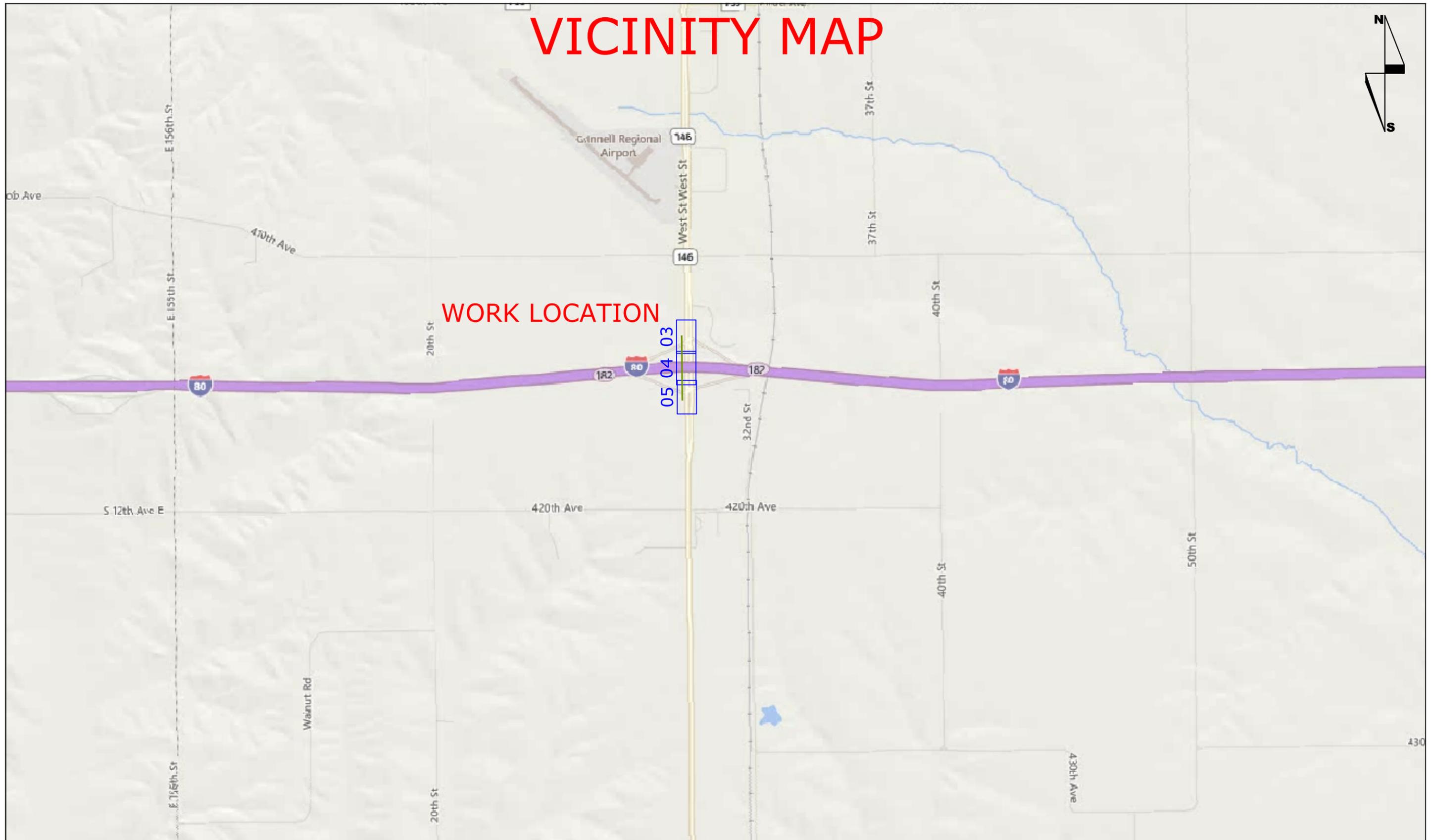
ALL ITEMS MUST BE LEGIBLE FOR REVIEW AND FOR RESCANNING PURPOSES

VICINITY MAP



WORK LOCATION

05 04 03



I-80 & HWY-146
POWERSHIEK COUNTY, GRINNELL, IA
IADOT PERMIT REQUIRED
SCALE: NTS



ENGINEER: WINDSTREAM
CHRIS COOK
FIELD ENGINEER: PEARCE SERVICES
JUNIOR GROTRIAN &
JEROLD SLAGEL
DRAWN BY: PEARCE SERVICES
DANE RICH

PROJECT NUMBER: 713392376
EXCHANGE: GRNLIA
PROJECT TITLE: RM GRNLIA I80/HWY 146
IDOT PROJECT
SHEET: LOCATION REV: DATE: 03/23/20



WORK ORDER UNIT SUMMARY

EXCHANGE NAME:								W.O. #	713392376
W.O. TITLE:									
	SHEET # 03	SHEET # 04	SHEET # 05	SHEET #	SHEET #	SHEET #	SHEET #	TOTAL	
UNIT CODE:	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY	EST. QUANTITY		
WBD	2							2	
BM2C	2		1					3	
WHC1(B)	100							100	
WHO1(B)	48		48					96	
HOMW(B)	148		48					196	
BFCR100x24	20							20	
BFO96I	1580							1580	
BM60(1)(1.25)PF>100	1380							1380	

I-80 & HWY-146

POWERSHIEK COUNTY, GRINNELL, IA
IADOT PERMIT REQUIRED

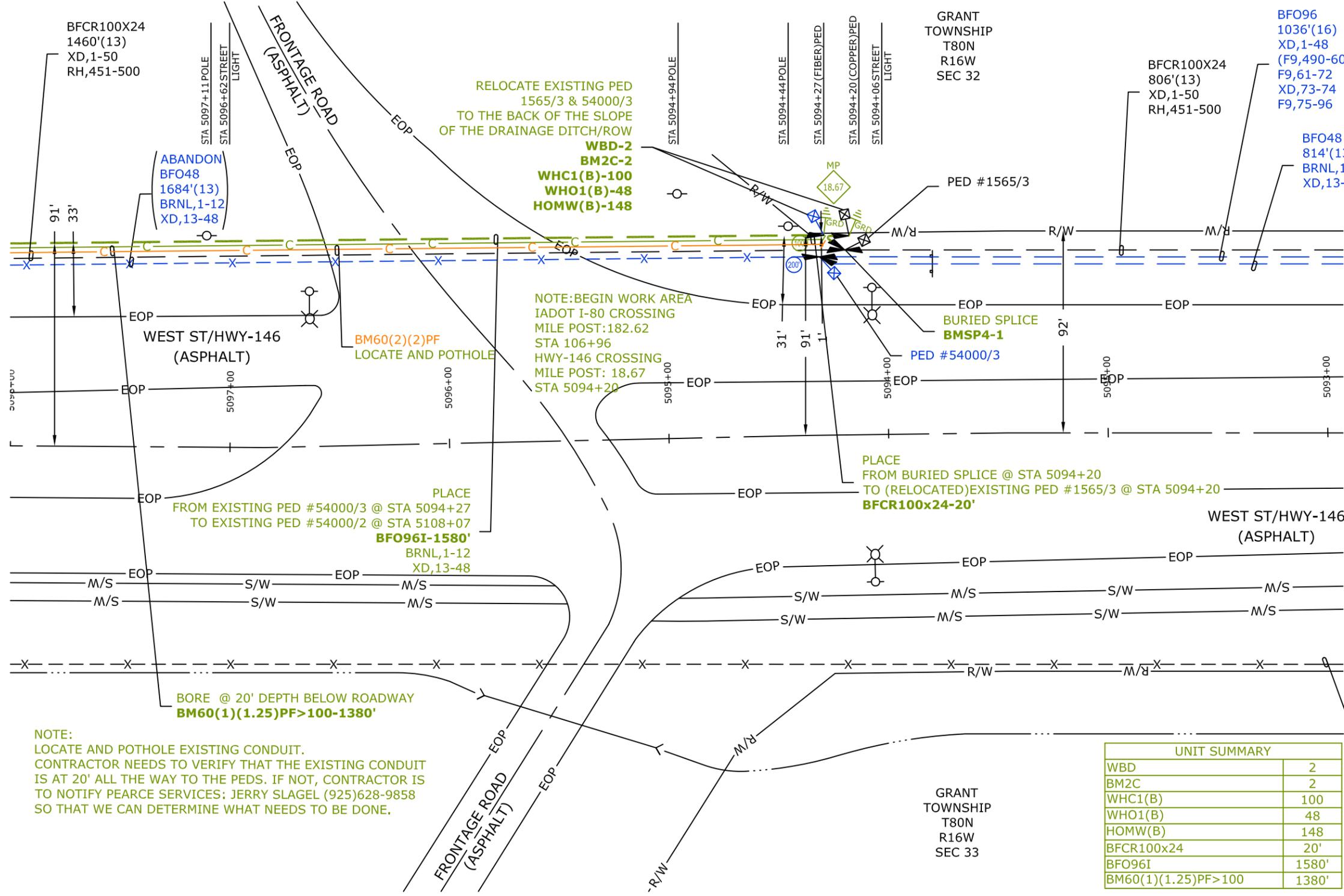
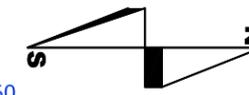
SCALE: 1"=50'



ENGINEER: WINDSTREAM
CHRIS COOK
FIELD ENGINEER: PEARCE SERVICES
JUNIOR GROTRIAN &
JEROLD SLAGEL
DRAWN BY: PEARCE SERVICES
DANE RICH

PROJECT NUMBER: 713392376
EXCHANGE: GRNLIA
PROJECT TITLE: RM GRNLIA I80/HWY 146
IDOT PROJECT
SHEET: 02 OF 05 REV: DATE: 03/23/20





RELOCATE EXISTING PED
1565/3 & 54000/3
TO THE BACK OF THE SLOPE
OF THE DRAINAGE DITCH/ROW
WBD-2
BM2C-2
WHC1(B)-100
WHO1(B)-48
HOMW(B)-148

NOTE: BEGIN WORK AREA
IADOT I-80 CROSSING
MILE POST: 182.62
STA 106+96
HWY-146 CROSSING
MILE POST: 18.67
STA 5094+20

PLACE
FROM EXISTING PED #54000/3 @ STA 5094+27
TO EXISTING PED #54000/2 @ STA 5108+07
BFO96I-1580'
BRNL,1-12
XD,13-48

BORE @ 20' DEPTH BELOW ROADWAY
BM60(1)(1.25)PF>100-1380'

NOTE:
LOCATE AND POTHOLE EXISTING CONDUIT.
CONTRACTOR NEEDS TO VERIFY THAT THE EXISTING CONDUIT
IS AT 20' ALL THE WAY TO THE PEDS. IF NOT, CONTRACTOR IS
TO NOTIFY PEARCE SERVICES; JERRY SLAGEL (925)628-9858
SO THAT WE CAN DETERMINE WHAT NEEDS TO BE DONE.

PLACE
FROM BURIED SPLICE @ STA 5094+20
TO (RELOCATED) EXISTING PED #1565/3 @ STA 5094+20
BFCR100x24-20'

UNIT SUMMARY	
WBD	2
BM2C	2
WHC1(B)	100
WHO1(B)	48
HOMW(B)	148
BFCR100x24	20'
BFO96I	1580'
BM60(1)(1.25)PF>100	1380'

(ABANDON
AE300x24
992'(73)
6A,601-688
XD,69
6A,670
XD,71-125
6A,726-750
XD,151-300)

I-80 & HWY-146

POWERSHIEK COUNTY, GRINNELL, IA
IADOT PERMIT REQUIRED

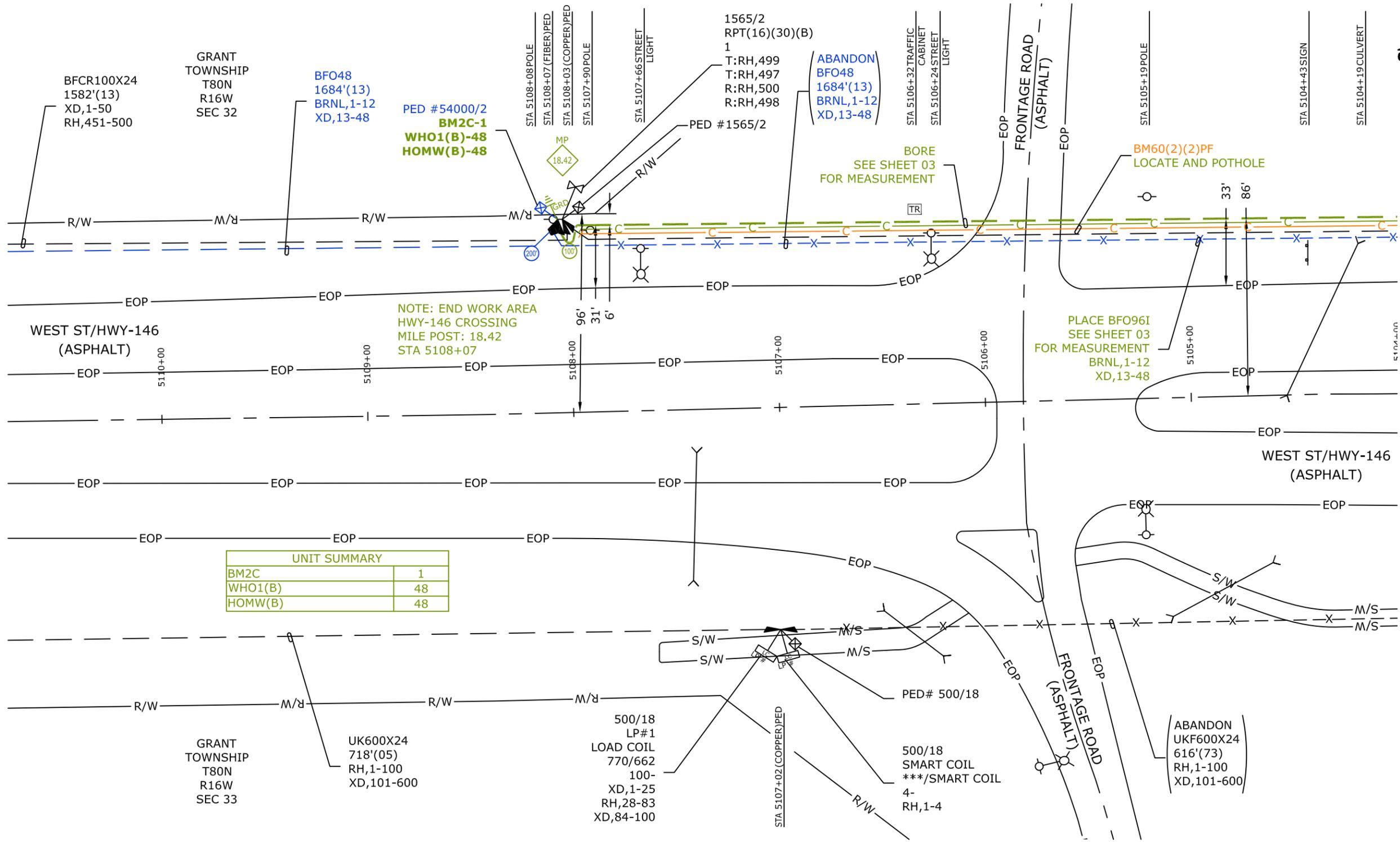
SCALE: 1"=50'



ENGINEER: WINDSTREAM
CHRIS COOK
FIELD ENGINEER: PEARCE SERVICES
JUNIOR GROTRIAN &
JEROLD SLAGEL
DRAWN BY: PEARCE SERVICES
DANE RICH

PROJECT NUMBER: 713392376
EXCHANGE: GRNLIA
PROJECT TITLE: RM GRNLIA I80/HWY 146
IDOT PROJECT
SHEET: 03 OF 05 REV: DATE: 03/23/20





UNIT SUMMARY	
BM2C	1
WHO1(B)	48
HOMW(B)	48

I-80 & HWY-146
 POWERSHIEK COUNTY, GRINNELL, IA
 IADOT PERMIT REQUIRED
 SCALE: 1"=50'



ENGINEER: WINDSTREAM
 CHRIS COOK
 FIELD ENGINEER: PEARCE SERVICES
 JUNIOR GROTRIAN &
 JEROLD SLAGEL
 DRAWN BY: PEARCE SERVICES
 DANE RICH

PROJECT NUMBER: 713392376
 EXCHANGE: GRNLIA
 PROJECT TITLE: RM GRNLIA I80/HWY 146
 IDOT PROJECT
 SHEET: 05 OF 05 REV: DATE: 03/23/20



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

FOR DEPARTMENT USE ONLY

Permit Number	Highway Number 146	County Poweshiek
DOT Project Number		Expiration/Completion Date

APPLICANT (INDIVIDUAL OR COMPANY)

First Name	Middle Initial	Last Name	Phone Number	Ext.
Company Name Windstream Iowa Communications, LLC			Phone Number 501-748-9471	Ext.
Street Address 4001 N. Rodney Parham Road, B3F3 #3310B		City/Town Little Rock	State AR	ZIP Code 72212
e-Mail Address deanna.phillips@windstream.com		Secondary e-Mail Address jason.hedlund@windstream.com		

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:
Propose to place 256' of New BFO 48 fiber Cable on proposed new conduit 1.25" from PED to PED. Also Propose to place 201' of new BFO 48 fiber cable on proposed new conduit 1.25" From PED to PED.

OSP-18700 / JobTrac #71339242000000

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

WORK SITE LOCATION

The proposed work as described above is located in Section S21 , Twp. T80N , Range R16W on Highway No. 146 generally located 1.85 (miles) SOUTH (direction) from US-6 & IA-146 intersection (city, county line, or other landmark). Work proposed is more specifically located as being from 20.12 (Milepost #) and 766+60 (Highway Station) to 20.48 (Milepost #) and 786+00 (Highway Station) on the East side of highway.

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

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

A. General

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

B. Construction and Maintenance

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

C. Liability

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

D. Notification

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

E. Buy America

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

Permit Number: _____

FOR DEPARTMENT USE ONLY

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

Applicant Signature and Agreement

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

Name of Agent (<i>Print or Type</i>) Deanna L. Phillips	Agent/Owner (<i>Signature</i>) <i>Deanna L. Phillips</i>	Title Analyst I - Engineering Support
Name of Owner (<i>Print or Type</i>) Windstream Iowa Communications, LLC		Date 03/31/2020
e-Mail Address deanna.phillips@windstream.com		

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

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

Recommend Approval Do Not Recommend Approval None Required

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

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

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

Recommend Approval Do Not Recommend Approval None Required

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

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval Do Not Recommend Approval None Required

Authorized FHWA Representative Signature	Date
--	------

DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved Application Denied Permit Number:

Authorized Highway District Representative	Signature	Date
e-Mail Address		

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)	Phone Number		
Street Address	City/Town	State IA	ZIP Code
e-Mail Address			

Permit Number: _____

Site Plan & Attachments Checklist for IDOT Utilities Accommodation Permit

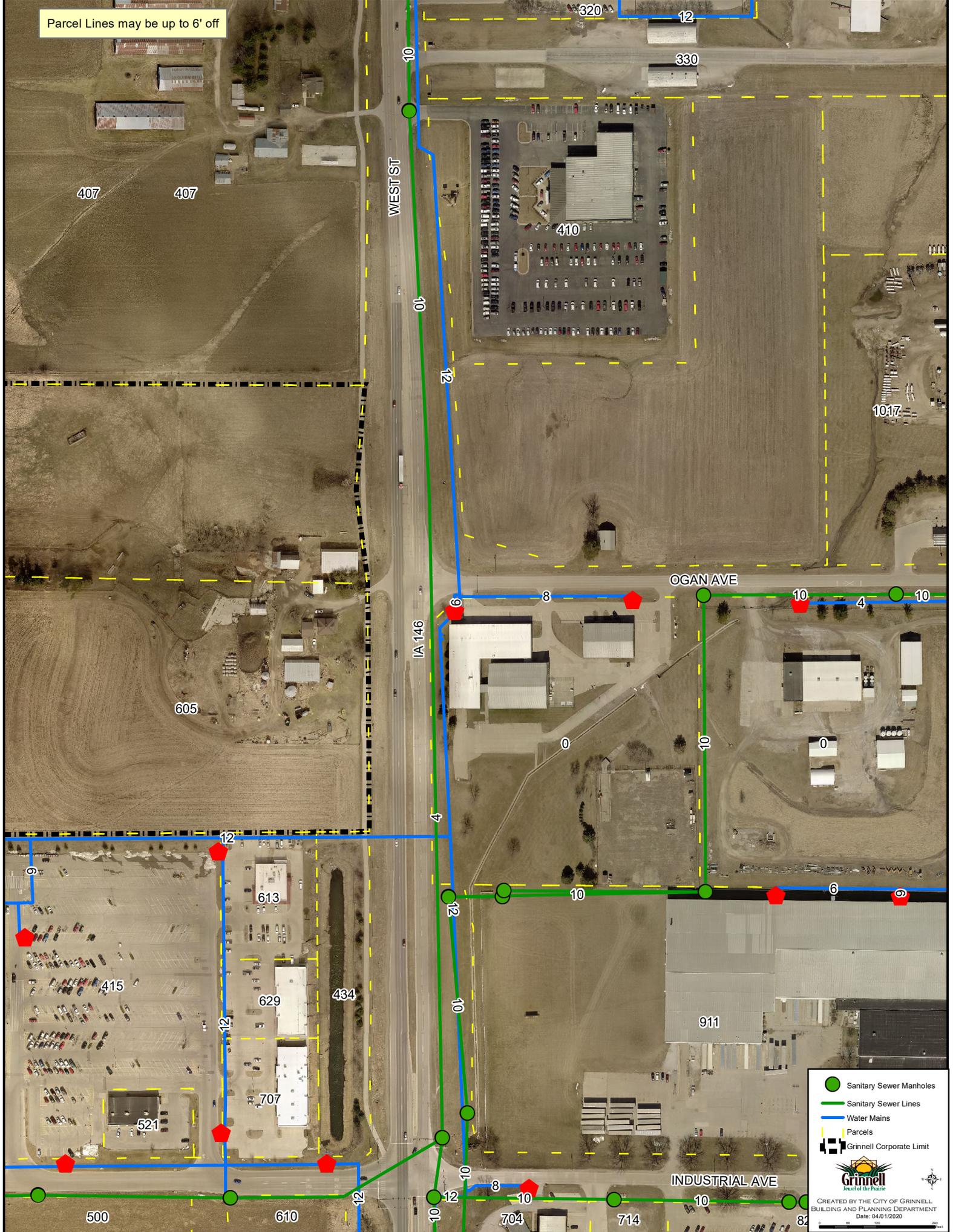
- Plans showing IADOT Highway Centerline, Highway Number, DOT Stationing and Milepost are required.
- Visible orientation (North Arrow) and identifying landmarks are required.
- Clearly identify Right Of Way (ROW) line with horizontal distance from highway centerline shown, including all breakpoints and changes in the ROW distances.
- Provide Iowa One Call design request information. (Minimally, the list of utilities)
- List all of 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) <http://www.iowadot.gov/traffic/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.
This includes pedestals, wire, conduit, poles, guy anchors, junction boxes, handholes and manholes.
ALL MUST BE REFERENCED BY DOT Stationing and distance from centerline.
- Show where installation starts and stops, leaves ROW, stops at existing pedestal, pole, etc.
Use IADOT 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 and/or after installation, including:
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, we can't assume you will do it if it is not shown in the plan.

Attachments

- Proper Traffic Control Standards (IADOT TCxxx Series Standard plans preferred)
Available at - http://www.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 lane restriction is anticipated) (Supplied by the Department)
- If paper applications are submitted, at least 2 sets of site plans (11 x 17 preferred) and 1 original of the permit application with all original signatures (Scanned and emailed copies are accepted)

ALL ITEMS MUST BE LEGIBLE FOR REVIEW AND FOR RESCANNING PURPOSES

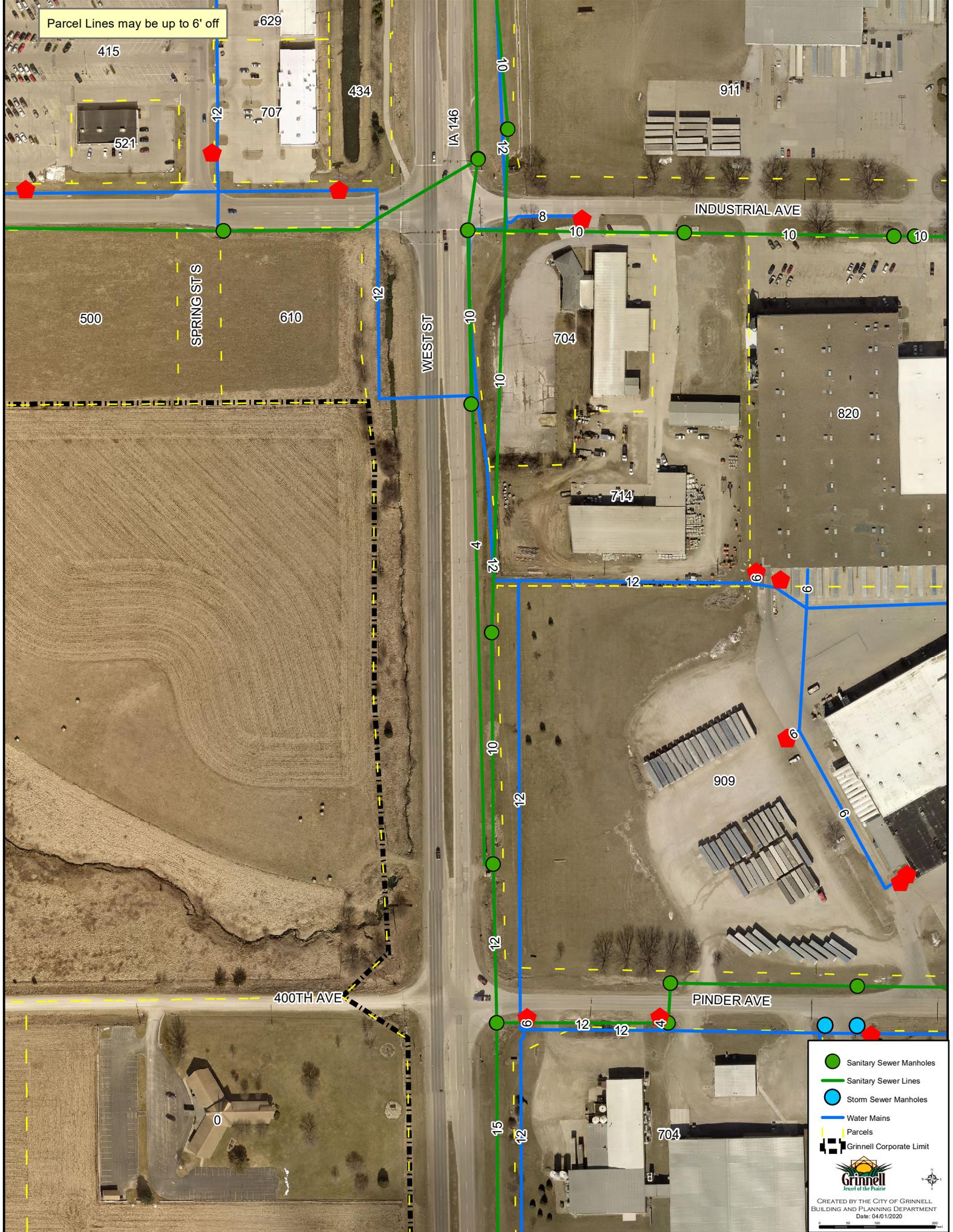
Parcel Lines may be up to 6' off



- Sanitary Sewer Manholes
- Sanitary Sewer Lines
- Water Mains
- Parcels
- Grinnell Corporate Limit

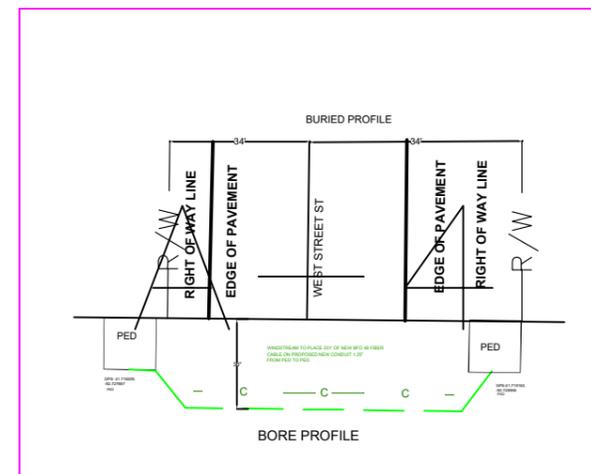
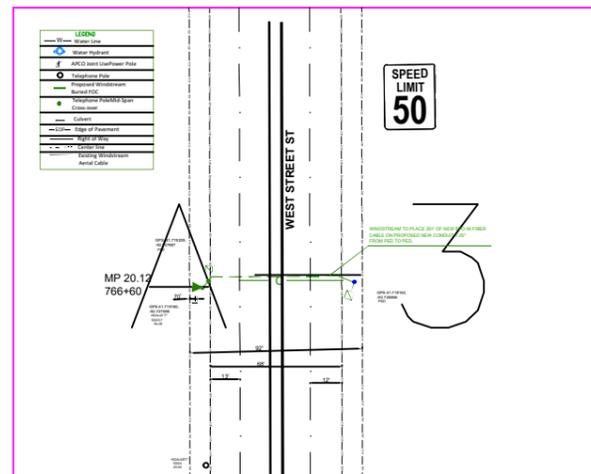
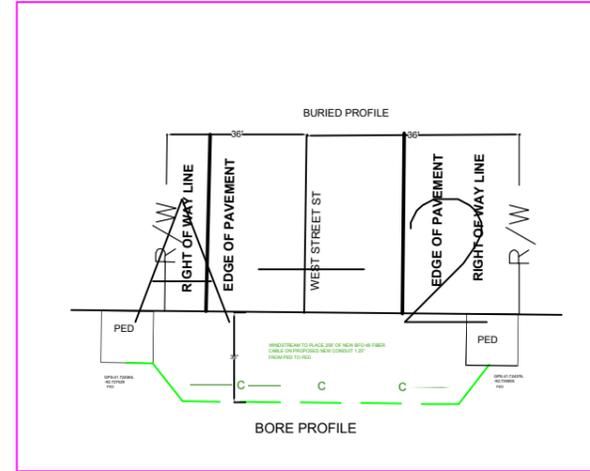
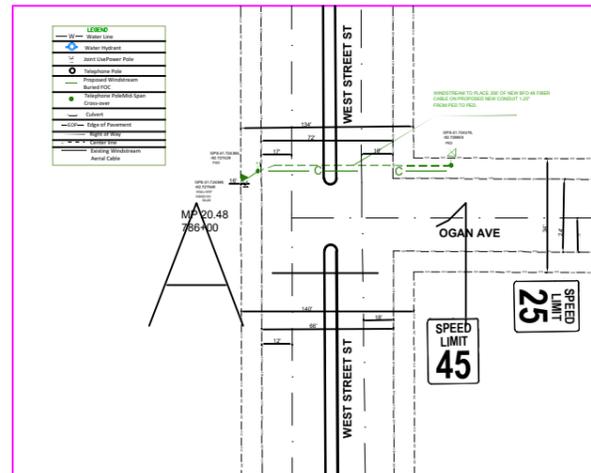
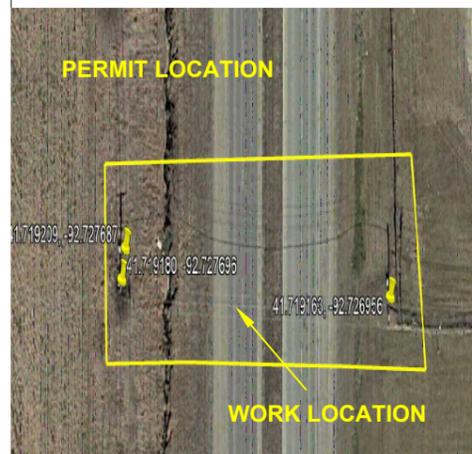
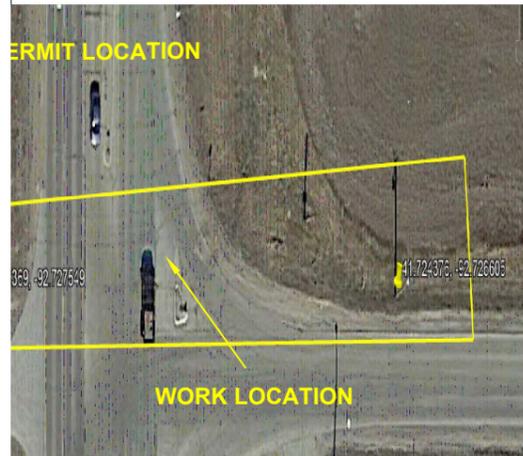
CREATED BY THE CITY OF GRINNELL
BUILDING AND PLANNING DEPARTMENT
Date: 04/01/2020

Parcel Lines may be up to 6' off



- Sanitary Sewer Manholes
- Sanitary Sewer Lines
- Storm Sewer Manholes
- Water Mains
- Parcels
- ▬ Grinnell Corporate Limit

CREATED BY THE CITY OF GRINNELL
BUILDING AND PLANNING DEPARTMENT
Date: 04/01/2020



LEGEND

- # MDU MULTI DWELLING UNIT
- # BUSINESS
- EXISTING POLES
- EXISTING COPPER
- CABLE EXISTING TERMINAL
- SPLICE CASE W/ SPLITTER
- FOSC
- SPLICE ARROW
- FDC FIBER DISTRIBUTION CABINET
- PROPOSED AERIAL FIBER
- PROPOSED BURIED FIBER
- EXISTING AERIAL FIBER
- EXISTING BURIED FIBER
- CONDUIT
- AERIAL TERMINAL
- BURIED TERMINAL
- NEW DROP
- PROPOSED AERIAL MST FIBER
- PROPOSED BURIED MST FIBER

DATE CREATED: 3/13/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN

N

SCALE: NTS

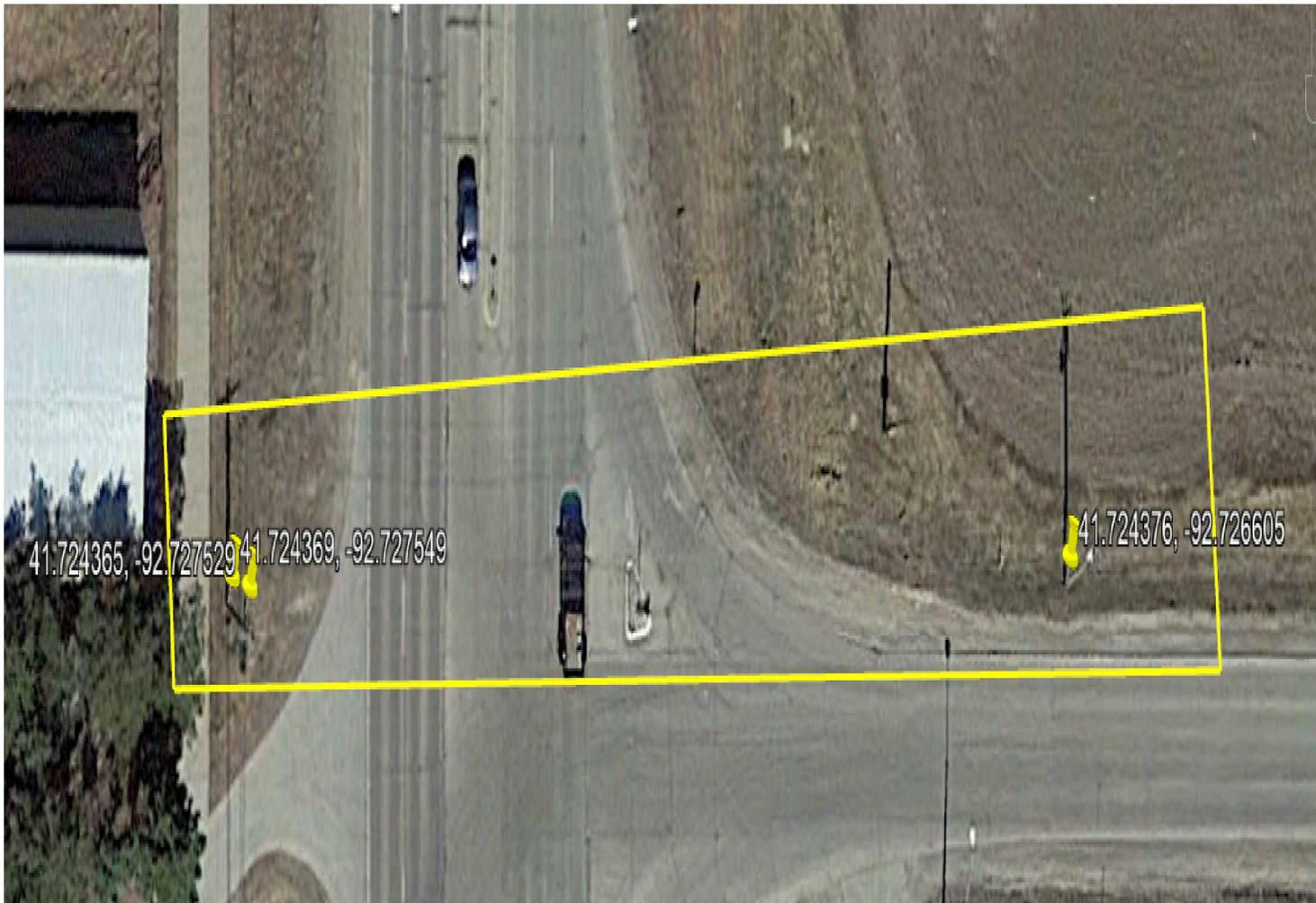
COMPANY: WINDSTREAM

SYSTEM: GRINNEL, IA

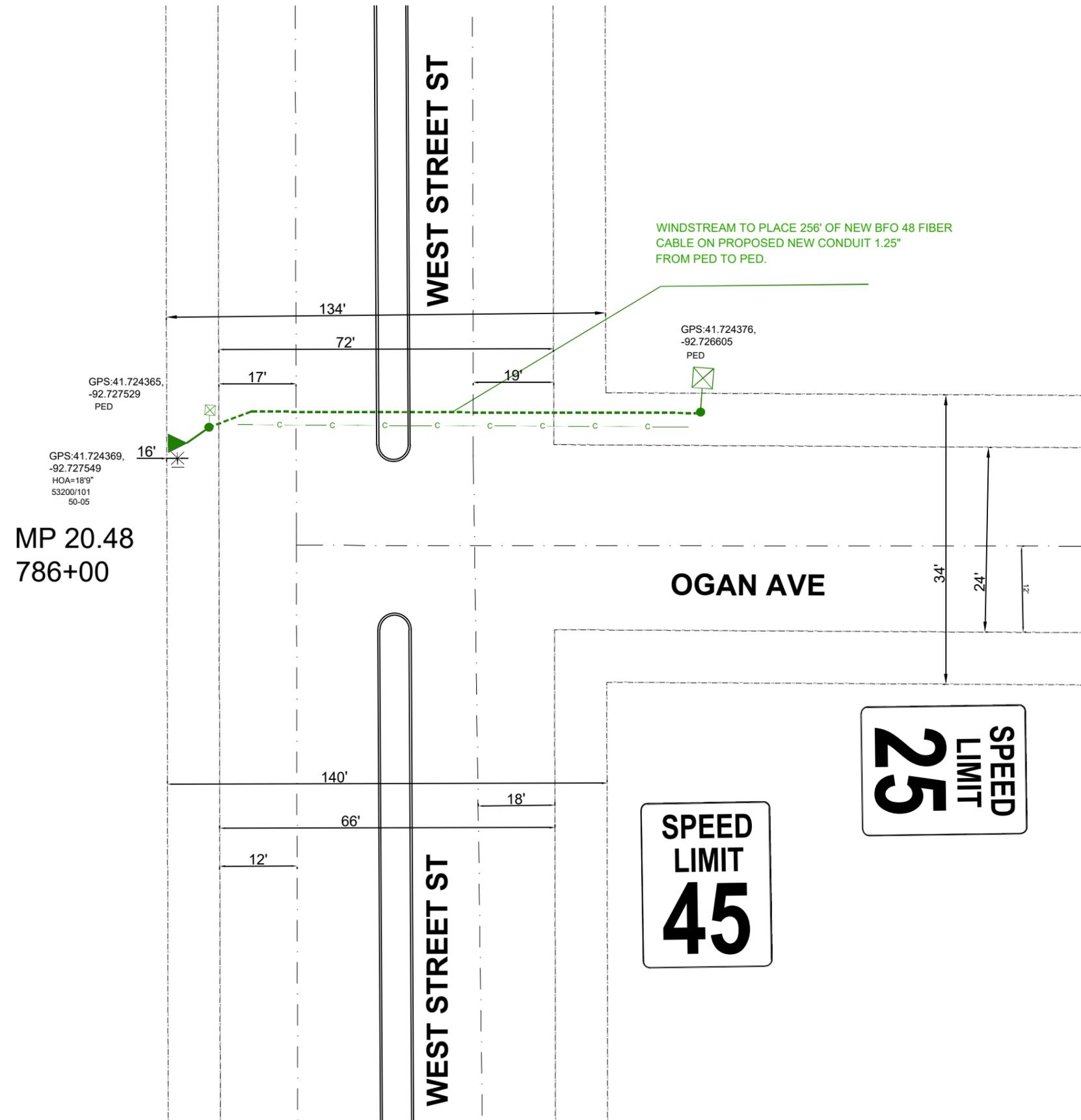
PROJECT NUMBER: 713392420

DESCRIPTION:
VERTEX_6147_DOT_PERMIT

MAP:
MAP
CYIENT INC



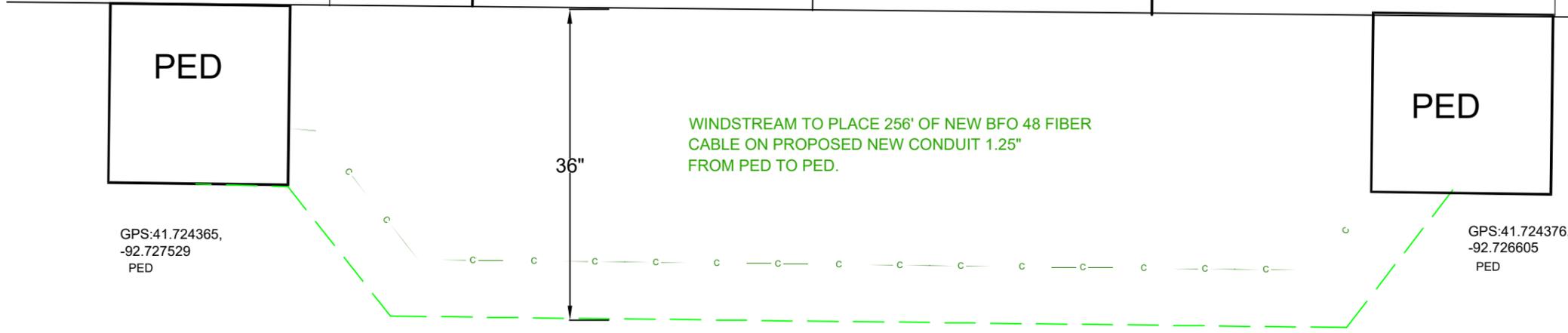
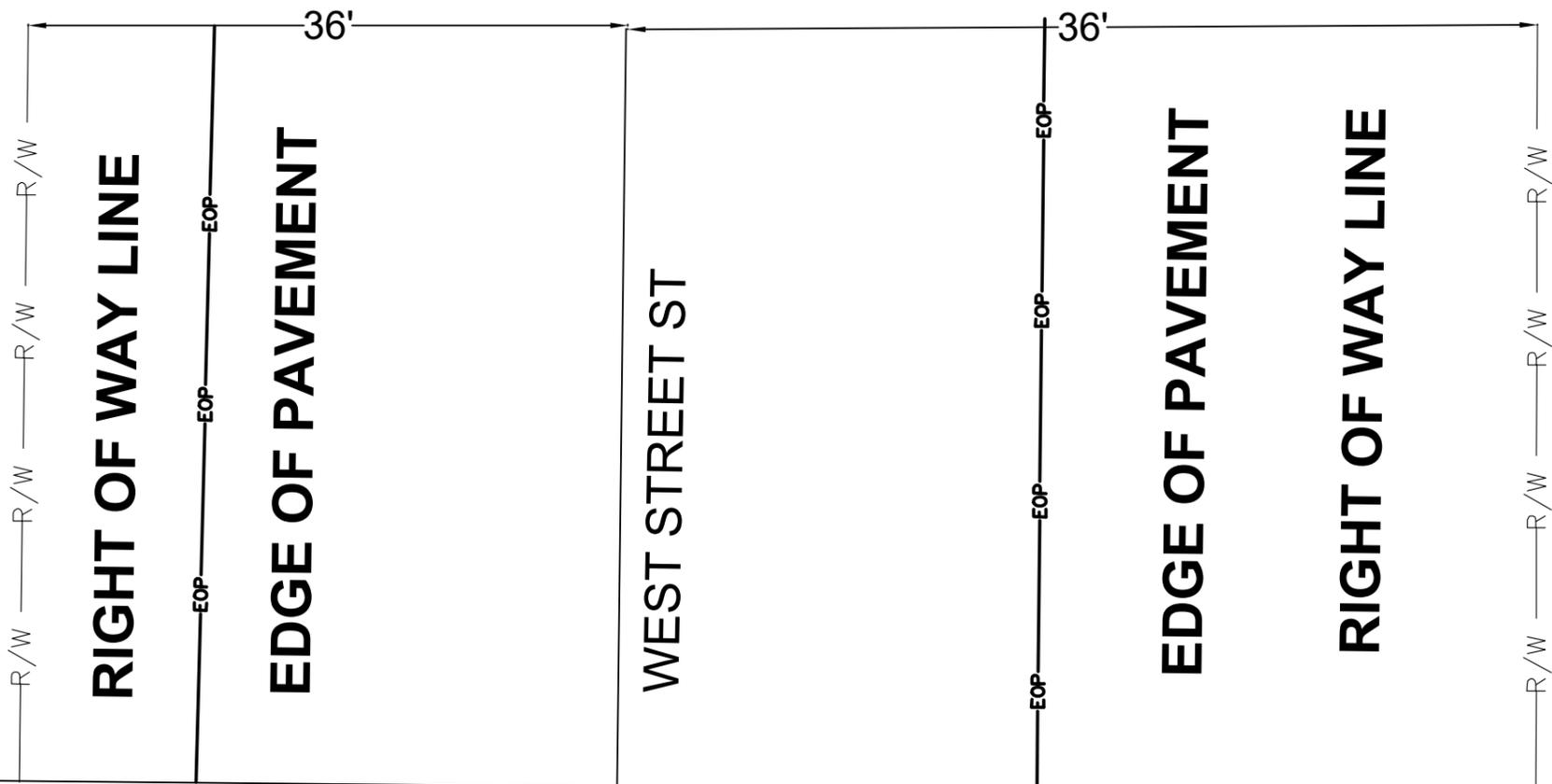
LEGEND	
— W —	Water Line
	Water Hydrant
	Joint Use Power Pole
	Telephone Pole
	Proposed Windstream Buried FOC
	Telephone Pole Mid-Span Cross-over
	Culvert
— EOP —	Edge of Pavement
- - - - -	Right of Way
- · - · - · -	Center line
	Existing Windstream Aerial Cable



MP 20.48
786+00

DATE CREATED:	3/13/2020
DATE REVISED:	
DRAWN BY:	CAMERON BALDWIN
COMPANY:	WINDSTREAM
SYSTEM:	GRINNEL, IA
PROJECT NUMBER:	713392420
DESCRIPTION:	VERTEX_6147_DOT_PERMIT
MAP:	A-1
CYIENT INC	

BURIED PROFILE



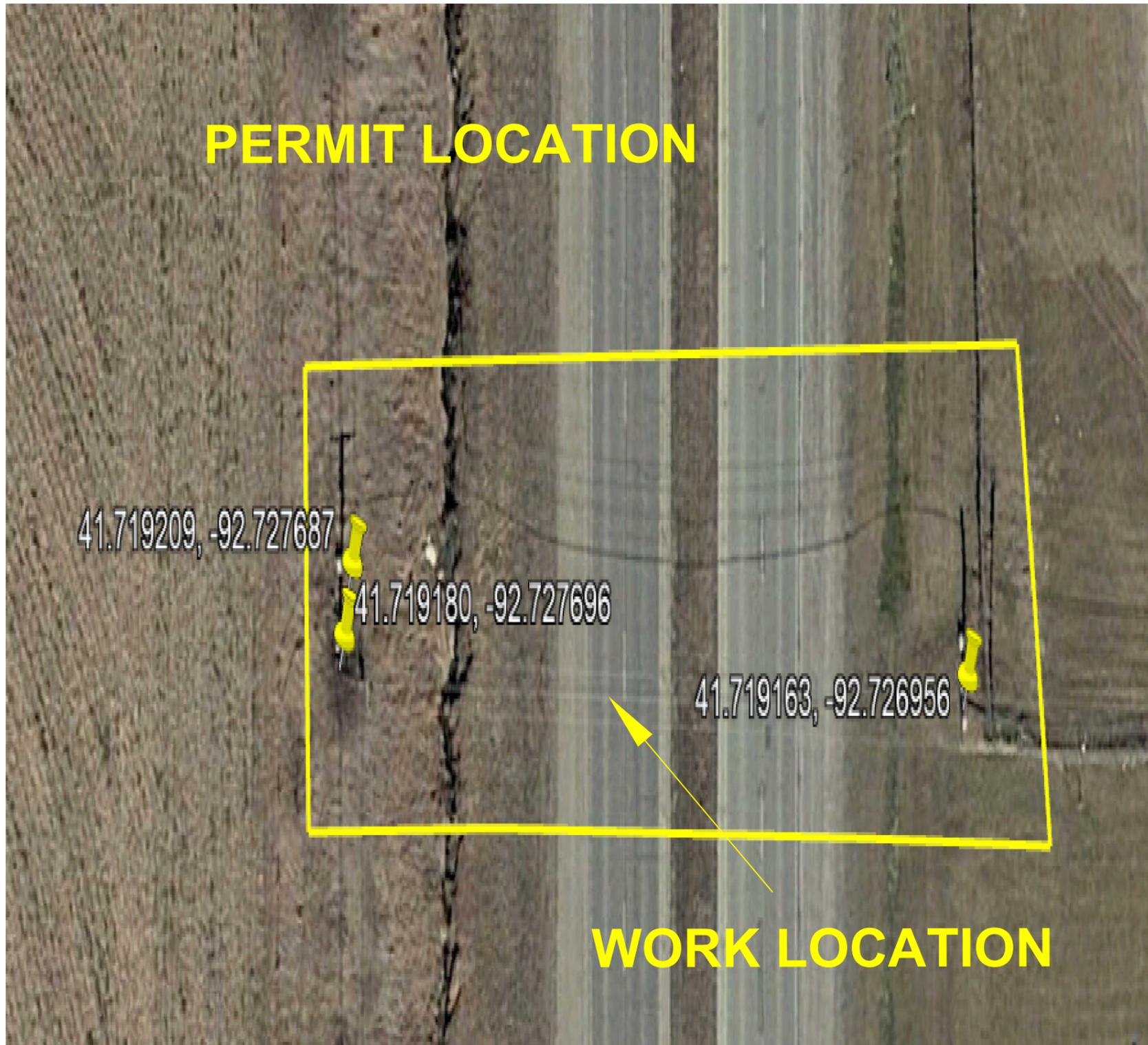
GPS:41.724365,
-92.727529
PED

GPS:41.724376,
-92.726605
PED

BORE PROFILE

DATE CREATED:	3/13/2020
DATE REVISED:	
DRAWN BY:	CAMERON BALDWIN
COMPANY:	WINDSTREAM
SYSTEM:	GRINNEL, IA
PROJECT NUMBER:	713392420
DESCRIPTION:	VERTEX_6147_DOT_PERMIT
MAP:	PROFILE
<p>CYIENT INC</p>	

PERMIT LOCATION



WORK LOCATION

DATE CREATED: 3/13/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



COMPANY: WINDSTREAM

SYSTEM: GRINNEL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:
VERTEX_6147_DOT_PERMIT

MAP: MAP2

CYIENT INC

LEGEND	
— W —	Water Line
	Water Hydrant
	APCO Joint Use Power Pole
	Telephone Pole
	Proposed Windstream Buried FOC
	Telephone Pole Mid-Span Cross-over
	Culvert
— EOP —	Edge of Pavement
- - - - -	Right of Way
- · - · - · -	Center line
	Existing Windstream Aerial Cable

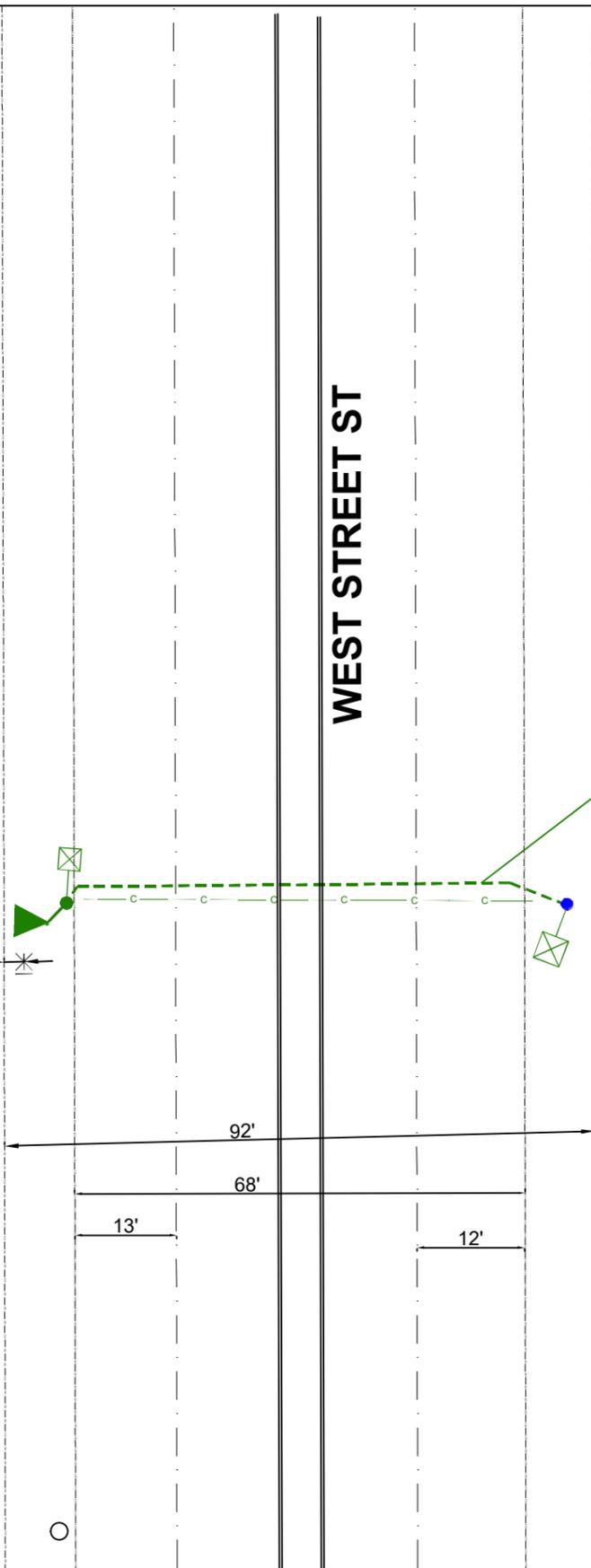
MP 20.12
766+60

GPS: 41.719209,
-92.727687
PED

GPS: 41.719180,
-92.727696
HOA=21'7"
500/3.7
50-05

70'

HOA=26'11"
500/4
40-04



WINDSTREAM TO PLACE 201' OF NEW BFO 48 FIBER CABLE ON PROPOSED NEW CONDUIT 1.25" FROM PED TO PED.

GPS: 41.719163,
-92.726956
PED

DATE CREATED: 3/13/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



COMPANY: WINDSTREAM

SYSTEM: GRINNEL, IA

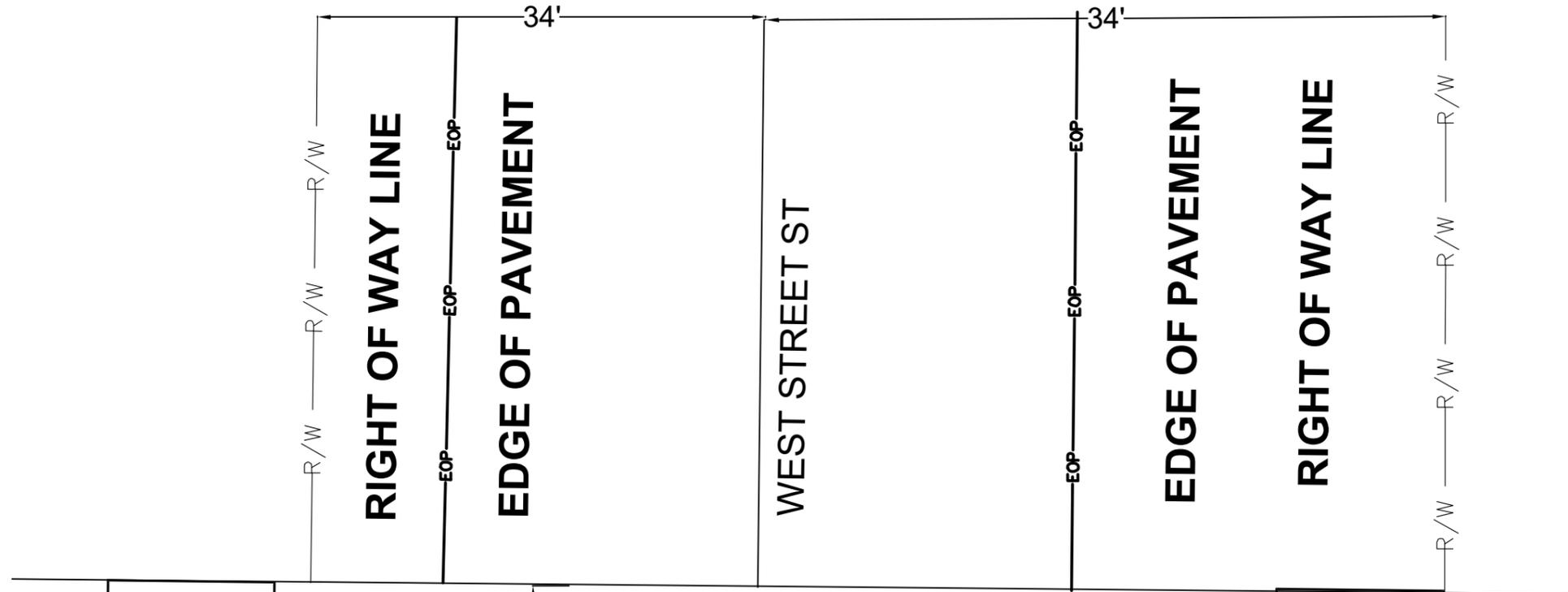
PROJECT NUMBER: 713392420

DESCRIPTION:
VERTEX_6147_DOT_PERMIT

MAP: B-1

CYIENT INC

BURIED PROFILE



BORE PROFILE

GPS: 41.719209,
-92.727687
PED

GPS: 41.719163,
-92.726956
PED

WINDSTREAM TO PLACE 201' OF NEW BFO 48 FIBER
CABLE ON PROPOSED NEW CONDUIT 1.25"
FROM PED TO PED.

DATE CREATED: 3/13/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



COMPANY: WINDSTREAM

SYSTEM: GRINNEL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:
VERTEX_6147_DOT_PERMIT

MAP: PROFILE

CYIENT INC

City of Grinnell

**PUBLIC RIGHT-OF-WAY
COMMUNICATIONS SYSTEM
LICENSE APPLICATION
ORDINANCE NO. 1060**

OSP-18701 / JobTrac #71339242000000

1. Applicant: Windstream Iowa Communications, LLC 4001 N. Rodney Parham Road, B3F3 #3310B
Name Address
Little Rock, AR 72212 501-748-9471
City, State Zip Telephone
2. Contact Person: Deanna Phillips 4001 N. Rodney Parham Road, B3F3 #3310B
Name Address
Little Rock, AR 72212 501-748-9471
City, State Zip Telephone

3. Application requires an engineering site plan for the proposed system that is to be placed within the City Right-of-way. Check off each of these items as they are included on the site plan:

- Plans drawn to scale.
- Street names.
- Right-of-way widths.
- Pavement widths.
- Sidewalk location and width including sidewalk ramps.
- Obstacles or improvements that are in or near the work area.
An example of such are: existing trees, fence, drainage structures,
Water stop-boxes, ditches, and utility vaults.
- Horizontal and vertical location and physical size of the proposed utility.
- Proposed construction work method such as “open cut” or “bore”.
- A drawing and explanation of concrete or asphalt restoration.
- Information regarding sod work and tree replacement.
- Location of other existing utilities within the work area.
- Typical detail sections where special attention is required for some restoration work.
- Excavation soil replacement and compaction requirements. Aggregate replacement under street surfaces, soil backfill outside of 5’ from edge of street surface.
- Detailed time schedule.
- Address of adjacent properties.
- Legal description of communication system location.

4. List any other items of concern particular to this project:
5. **Administrative Fee:** An Administrative fee of \$50.00 shall be due and payable to the City Engineer at the time of filing of the initial license application and at the time of filing of each proposed amendment to the license. (Attach copy of receipt)
Receipt No. __.
6. **Use Fee: (Serving no additional customers)** If the licensed serves no customers other than itself, then in addition to the Administrative Fee, the licensee shall pay a use fee to the City Engineer at the time of filing of the initial license application. The amount of the use fee shall be the greater of the following two (2) amounts: \$100.00 or \$1.00 per lineal foot of route traversed by the communication line within any public right-of-way in a C-2 zone and \$0.50 per lineal foot in any other part of the city. At the time of filing of each proposed amendment to the license involving an increase in the length of route traversed within public right-of-way, the licensee shall pay to the City Engineer an additional fee computed at the rate of \$1.00 per lineal foot of additional route of traversed within any public right-of-way.

(Serving additional customers) If the licensed system serves customers other than the licensee itself, then, in addition to the administrative fee, the licensee shall pay an annual use fee to the City Engineer. The annual use fee shall be based on a license year ending on March 31 of each year, and the use fee for each license year shall be due and payable at the end of such year on March 31, or if the license has terminated during such year, on the date of termination. The amount of the annual use fee shall be the greater of the following two (2) amounts: \$100.00, or three percent of the gross revenues derived by the licensee from the sale or exchange of services in connection with the operation of the licensee's communications system within the public right-of-way during the license year. Each annual use fee payment shall be accompanied by a report from the licensee in a form approved by the City Manager and the city legal department showing the basis for the computation of the fee and such other relevant data as may be required by the City Manager and the city legal department. Each such report shall contain a notarized verification by the chief financial officer of the licensee, and upon request by the city, such reports shall be verified by a certified public accountant at the expense of the licensee.

Office Use Only

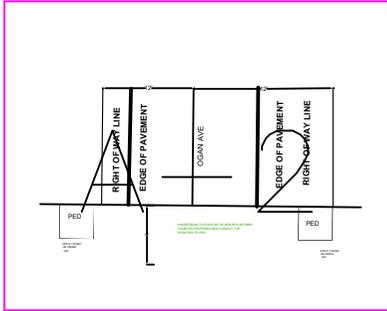
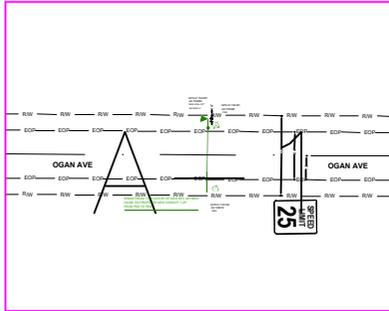
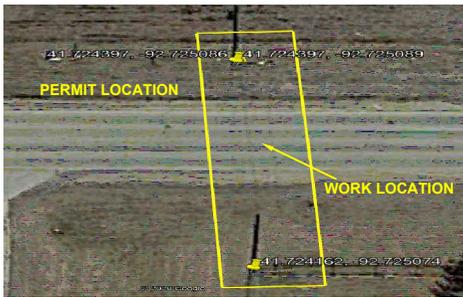
Fees:	Administrative Fee:		<u>\$50.00</u>
	Use Fee:		
	(No Additional Customers) Greater of \$100.00 or:		
	Linear Feet Within C-2: _____	x \$1.00	_____
	Linear Feet Outside C-2: <u>85</u>	x \$0.50	<u>42.50</u>
		Total:	<u>\$92.50</u>

**(Additional Customers) Greater of \$100.00 or 3% Gross Revenues from Services.
Paid annually.**

Date of Acceptance 4/1/2020

Date of Approval _____

Staff TA



DATE CREATED: 3/13/2020
 DATE REVISED:
 DRAWN BY: CAMERON BALDWIN

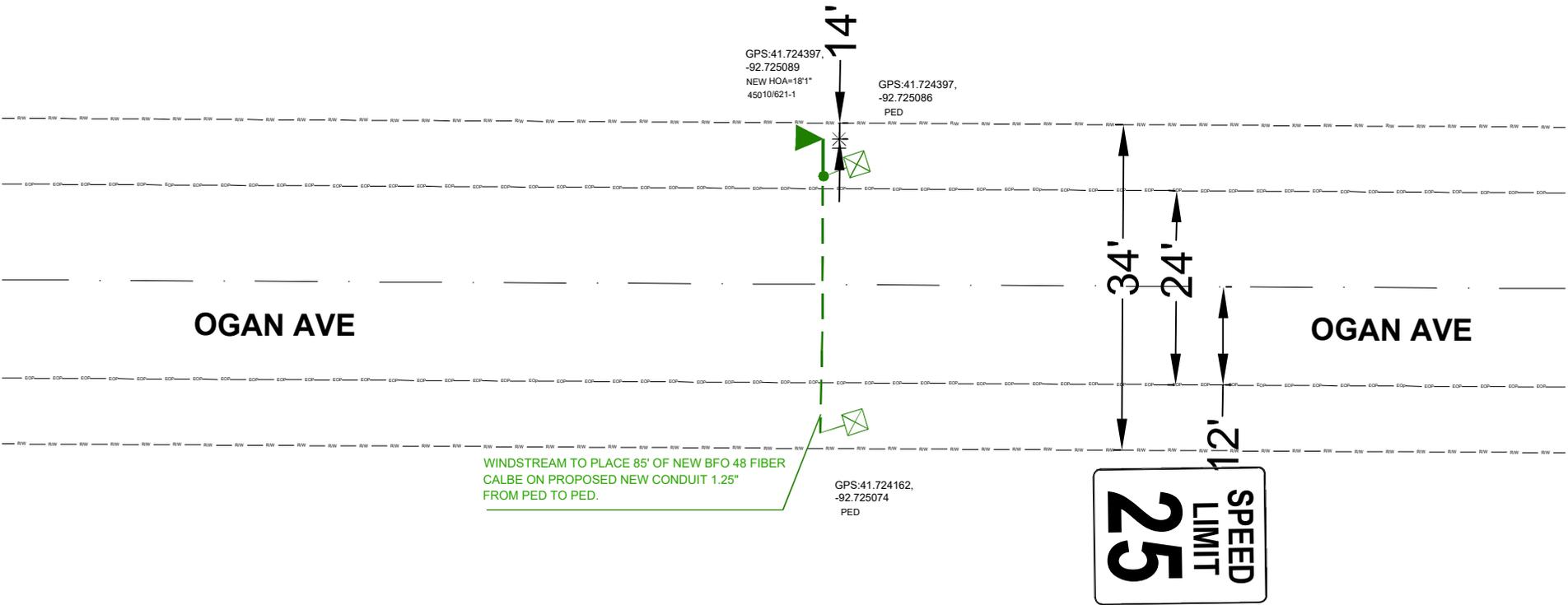


COMPANY: WINDSTREAM
 SYSTEM: GRINNEL,IA
 PROJECT NUMBER: 713392420
 DESCRIPTION:
 VERTEX_6147_CITY_PERMIT

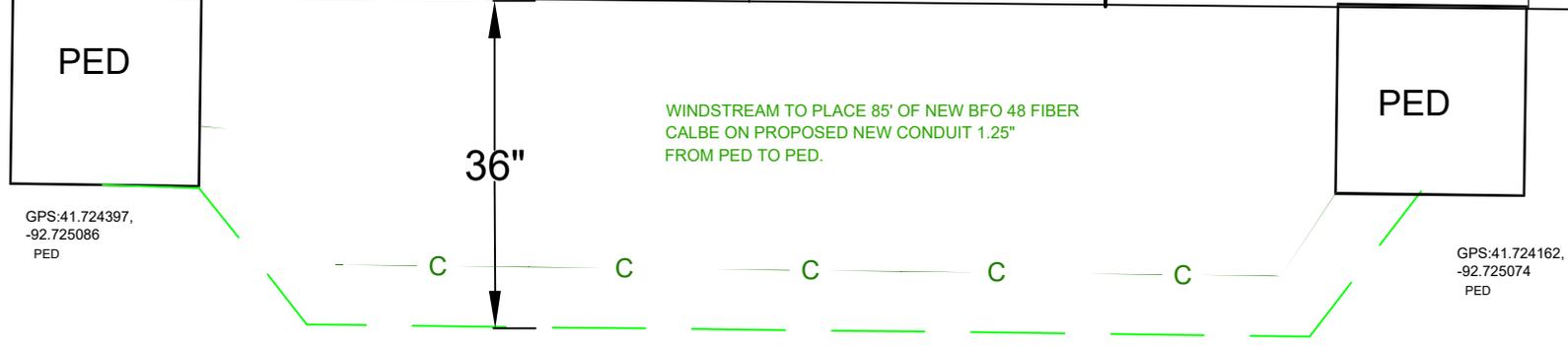
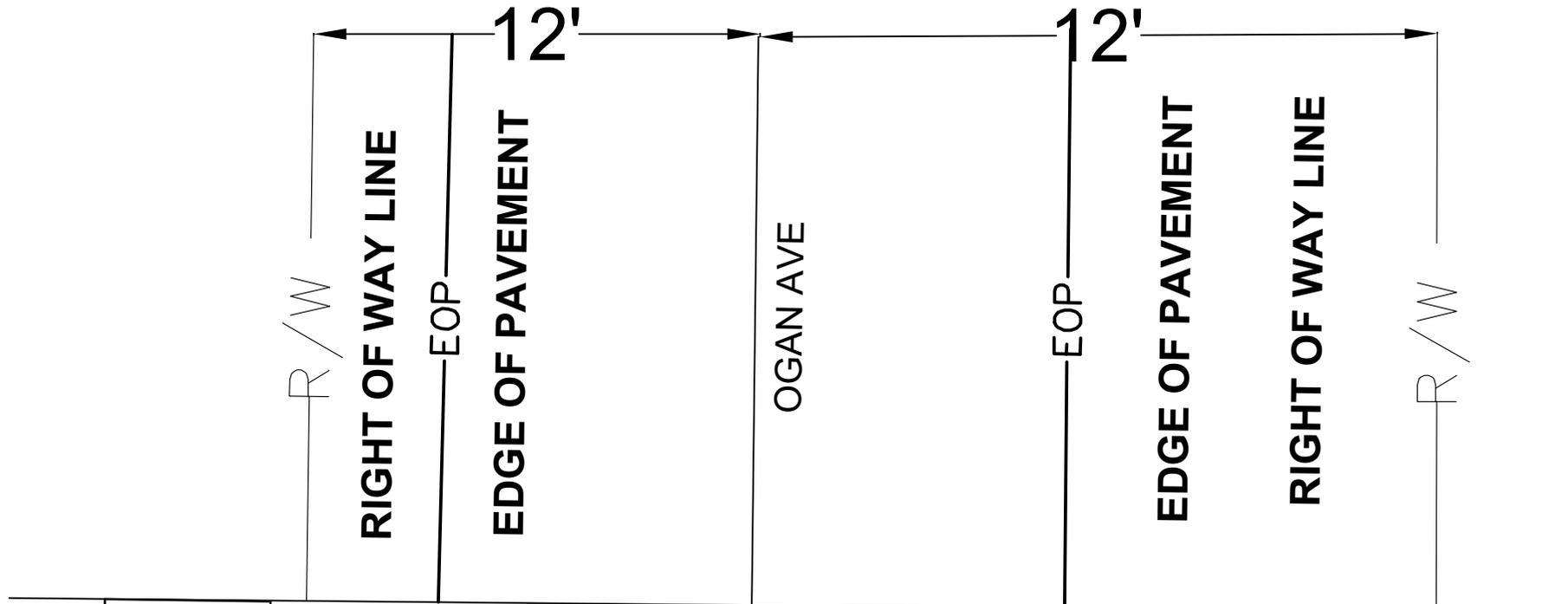
MAP: PERMIT KEYMAP

CYIENT INC





BURIED PROFILE



GPS:41.724397,
-92.725086
PED

GPS:41.724162,
-92.725074
PED

BORE PROFILE

Parcel Lines may be up to 6' off

LA 146

410

1017

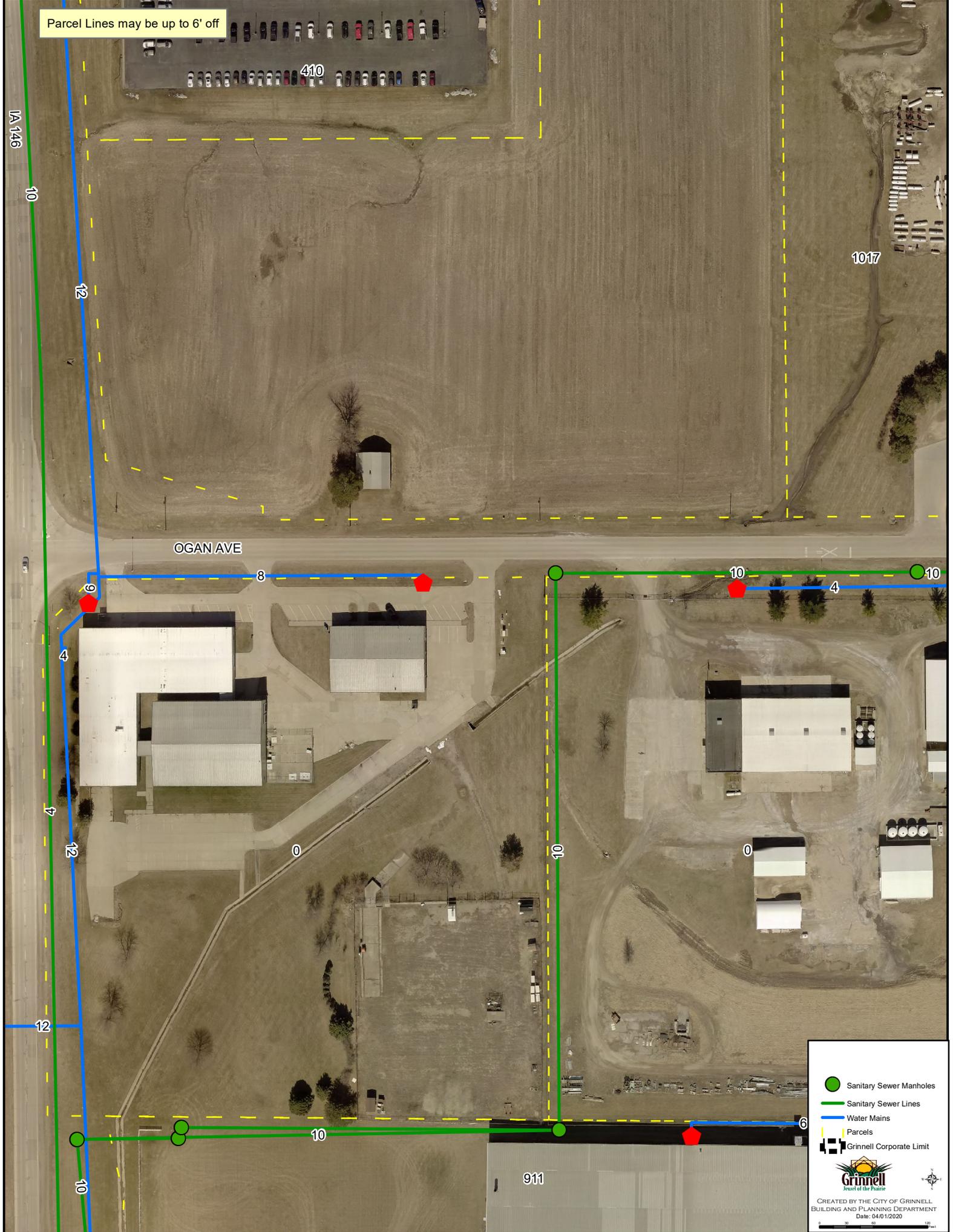
OGAN AVE

911

-  Sanitary Sewer Manholes
-  Sanitary Sewer Lines
-  Water Mains
-  Parcels
-  Grinnell Corporate Limit



CREATED BY THE CITY OF GRINNELL
BUILDING AND PLANNING DEPARTMENT
Date: 04/01/2020



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

FOR DEPARTMENT USE ONLY

Permit Number 79U-2020-009	Highway Number Hwy 146	County Poweshiek
DOT Project Number F-146-2(6)-20-79	Expiration/Completion Date 3/31/21	

APPLICANT (INDIVIDUAL OR COMPANY)

First Name Richard	Middle B	Last Name Humphrey	Phone Number 641 990-4880	Ext.
Company Name Grinnell Friends Church			Phone Number	Ext.
Street Address 1115 West St South		City/Town Grinnell	State Ia	ZIP Code 50112

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:
Crossing will be south 80' south of the intersection

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 28, 29, Twp. 80N, Range 16W on Highway No. 146 generally located _____ (miles) (direction) from in the City of Grinnell (city, county line, or other land line). Work proposed is more specifically located as being from 19.6 (Milepost #) and 3061+80 (Highway Station) to _____ (Milepost #) and _____ (Highway Station) on the both 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) Richard Humphrey	Agent/Owner (Signature) <i>Richard Humphrey</i>	Title Trustee
Name of Owner (Print or Type) Grinnell Friends Church	Date 3-30-2020	

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

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

Recommend Approval Do Not Recommend Approval None Required

Handwritten Signature	Title	Date
Type or Print Name	Authorized Official for the City of	

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	

(DOT/FHWA Signatures and Agreements on next page)

FOR DEPARTMENT USE ONLY

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

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: **79U-2020-009**

Authorized Highway District Representative Deanna Smyth-Peters	Signature <i>Deanna Smyth-Peters</i>	Date 3/31/20
---	---	-----------------

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) Mohamed Mohamed	Phone Number (641) 236-3014
Street Address 902 Ogan	City/Town Grinnell
State IA	ZIP Code 50112

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.

March 31, 2020

Grinnell Friends Church
Attn: Richard Humphrey
1115 West St South
Grinnell, IA 50112

Dear Mr. Humphrey:

Enclosed is a copy of an approved permit #79U-2020-009, Application and Agreement for Use of Highway Right of Way for Utilities Accommodation, for water on Hwy 146 at Sta. 2061+80

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

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

We require a **48-hour notice** of your intention to start construction on the highway right of way, see **Item E**, page 3 of the permit. Please contact the supervisor with your 48-hour notice.

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

Sincerely,



Deanna Smyth-Peters
Access/Utilities Specialist

Attachment

DJSP/djsp

CC:

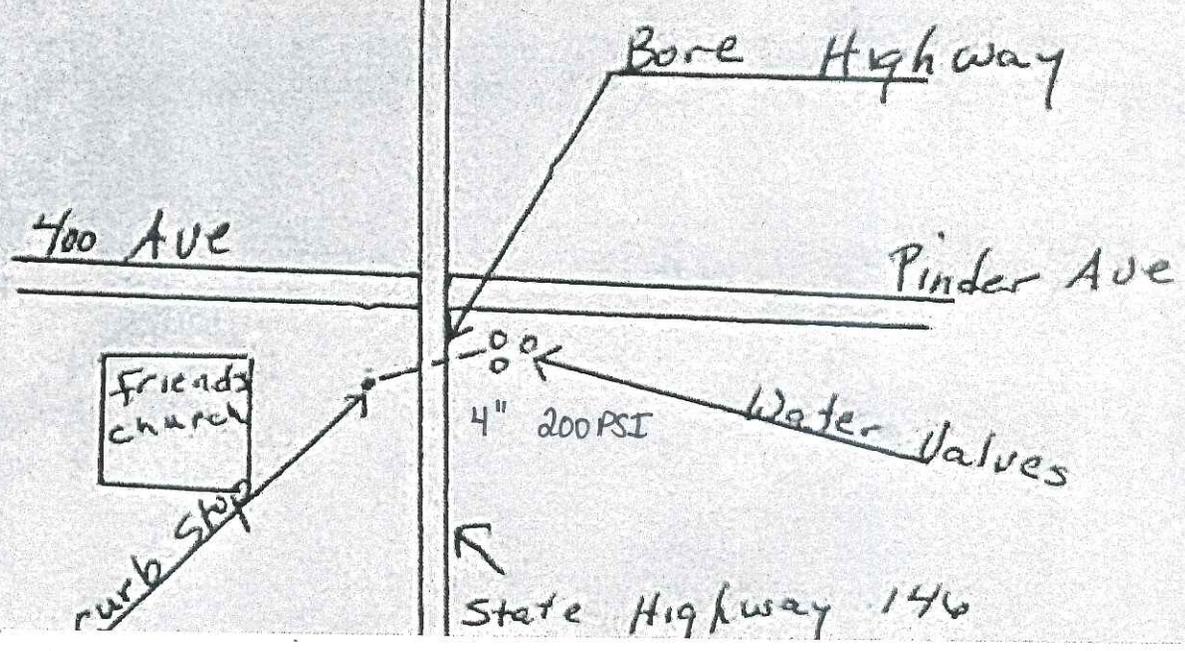
Jeff McCollough- Access & Utility Policy Specialist

Mohamed Mohamed-Malcom Maintenance Garage

Lyle Brehm- Poweshiek County

File

...d further described as follows:



Special Requirements

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

Right of Way shall be restored at the end of each working day.

No open holes or dirt piles shall be left on Right of Way during non –working hours.

No parking on the shoulders.

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

Proper traffic control must be used at all times.

761—115.16 (306A) Longitudinal installations on freeways.

115.16(1) Type of installation permitted.

a. The department may permit the installation of an underground utility facility if, in addition to complying with other provisions of this chapter, the facility specifically complies with this rule.

b. Except as provided in this rule, no aboveground installations other than those needed to serve highway facilities are allowed.

115.16(2) Prohibitions on longitudinal occupancy.

a. A utility facility shall not be used for transmitting gases or liquids or for transmitting products that are flammable, corrosive, expansive, highly energized or unstable.

b. A utility facility shall not present a hazard to life, health or property if it fails to function properly, is severed or is otherwise damaged.

c. No direct service connection to adjacent properties is allowed.

d. No utility facility is allowed in or on a structure carrying a freeway roadway or ramp, except for freeway border bridges, as provided in subrule 115.12(5).

115.16(3) Minimal maintenance. Once installed, the utility facility shall require minimal maintenance.

115.16(4) Location and depth. The utility facility shall be located on uniform alignment, preferably within eight feet of the freeway right-of-way line, and at a location approved by the department.

a. See subrule 115.13(1) for minimum depth requirements.

b. Except for multiduct systems, borings and isolated locations as determined by the department, cable shall be installed by the plowing method.

c. Utility accesses and splice boxes may be placed below the existing ground line. The location and number of installations are subject to department approval.

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.

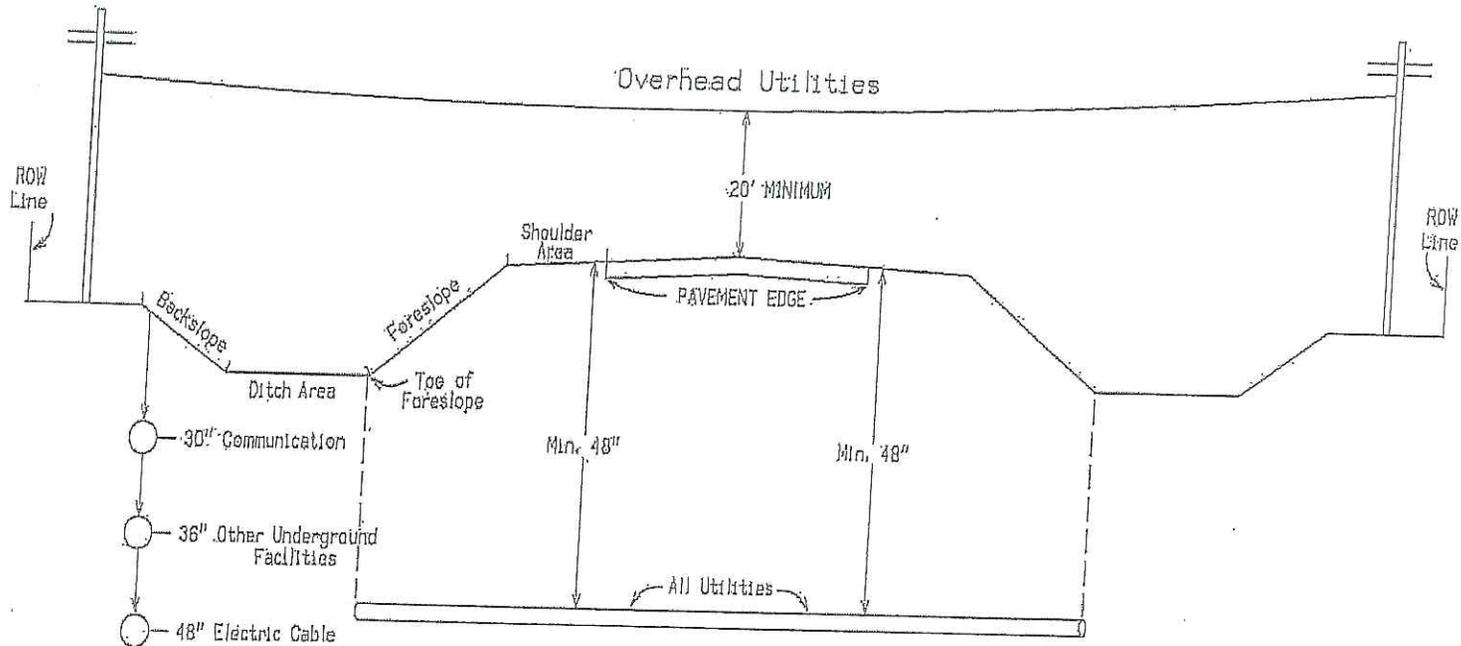
b. Aboveground pedestals are permissible. Pedestals should be placed one foot from the right-of-way fence. The number of installations is subject to department approval.

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.

Minimum Policy Requirements Rural Section Non-Freeway Highway



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

E-8

01/2012

Acceptable Clear Zone Distances (feet)
(Based on AASHTO Roadside Design Guide, 4th edition)

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

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

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

511 Information Required

Before setting up a lane closure or a vertical/horizontal restriction of any kind on a primary highway extension, call your local Iowa DOT maintenance garage to discuss timing and date of the closure/restriction. Once the maintenance garage concurs with the timing and date, call the Iowa DOT Traffic Management Center (TMC) at 515-237-3300. The TMC will put the information in the 511 system, which generates an automatic message to Iowa DOT Motor Carrier Services (MCS) and the District office.

The following information is required to enter a maintenance/construction event into the Iowa DOT 511 system.

Requestor: _____ Contact number: _____

Route(s) affected:

Project description:

Project begin location (detailed description including cross streets and mile markers):

Project end location (detailed description including cross streets and mile markers):

County/Countries:

24 hour project contact:

Name _____ Phone _____

Describe the impact on traffic:

- | | |
|--|--|
| <input type="checkbox"/> Closed | <input type="checkbox"/> Right lane closed |
| <input type="checkbox"/> Closed intermittently | <input type="checkbox"/> Left lane closed |
| <input type="checkbox"/> Intermittent lane closure | <input type="checkbox"/> Center lane closed |
| <input type="checkbox"/> Alternating lane closures | <input type="checkbox"/> Right shoulder closed |
| <input type="checkbox"/> Reduced to one lane | <input type="checkbox"/> Left Shoulder closed |
| <input type="checkbox"/> Reduced to two lanes | <input type="checkbox"/> Exit ramp closed |
| <input type="checkbox"/> Reduced to three lanes | <input type="checkbox"/> Entrance ramp closed |

- Two center lanes are closed
- Left exit ramp closed
- Shoulder closed
- Bridge closed
- Intersecting road closed
- Local road closures in area
- Left lane of exit ramp closed

- Road construction
- Work in the median
- Opposing traffic
- Single lane traffic alternating directions

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 in the space provided.

Are there any other width or height restrictions:

- Yes No

If yes, please describe:

Additional public website comments:

Project beginning date and time:

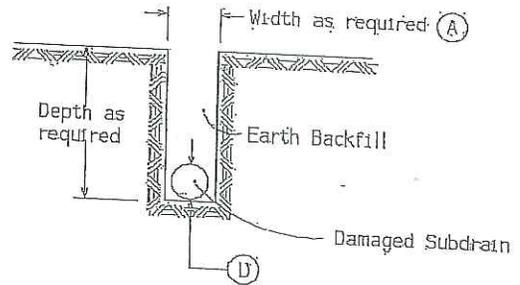
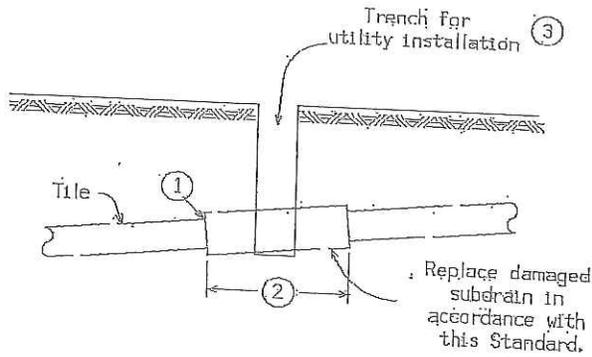
Project ending date and time:

Times of closure

- Continuous Weekdays (Monday – Friday) Nights

Times of closure:

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 aluminum 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.

RURAL SEEDING

All areas disturbed by the applicant shall be reseeded using the seed mixture found in the current *Standard Specifications for Highway and Bridge Construction*. Changes to the seed mixture are subject to the approval of the district office.

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 G0-Iowa.	
Canada wildrye (<i>Elymus canadensis</i>) seed shall be debearded or equal to facilitate application of seed.	

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

Erosion Control Detail

Table 2601.03.1 Rural Stabilizing Crop Seeding Rates and Schedule

March 1 through October 31

Oat	60 lbs. per acre (56 kg/ha)
Grain Rye	60 lbs. per acre (56 kg/ha)
Canada wild rye (<i>Elymus Canadensis</i>)	7 lbs. PLS per acre (8 kg/ha)

November 1 through February 28 (29)

Oat	62 lbs. per acre (69 kg/ha)
Grain Rye	62 lbs. per acre (69 kg/ha)
Canada Wild rye (<i>Elymus Canadensis</i>)	7 lbs. PLS per acre (8 kg/ha)

For stabilizing crop only, Canada wild rye (*Elymus Canadensis*) seed will not be required to be certified as Source Identified Class (Yellow Tag) Source G0-Iowa.

Canada wild rye (*Elymus Canadensis*) seed shall be debarbed or equal to facilitate application of seed.

Table 2601.03-2: Urban Stabilizing Crop Seeding Rates

Bluegrass, Kentucky	122 lbs. per acre (187 kg/ha)
Ryegrass, Perennial (Fine leaf Variety)	35 lbs. per acre (39 kg/ha)
Fescue Creeping Red	18 lbs. per acre (20 kg/ha)

Table 2601.03-8 Permanent Seed Rates, Rural Areas

Fescue Tall (Fawn)	100 lbs. per acre (112 kg/ha)
Ryegrass, Perennial (Linn)	75 lbs. per acre (84 kg/ha)
Bluegrass, Kentucky	20 lbs. per acre (22 kg/ha)

Permanent Seed Rates, Urban Area

Bluegrass, Kentucky	122 lbs. per acre (187 kg/ha)
Ryegrass, perennial (Fine leaf)	35 lbs. per acre (39 kg/ha)
Fescue, Creeping Red	18 lbs. per acre (20 kg/ha)

