



GRINNELL CITY COUNCIL REGULAR SESSION MEETING
MONDAY, MARCH 2, 2020 AT 7:00 P.M.
IN THE COUNCIL CHAMBERS

1. Roll Call

2. Perfecting And Approval Of Agenda

2.A. Perfecting And Approval Of Agenda

Documents:

[03.02.20 - AGENDA - COUNCIL.PDF](#)

3. Consent Agenda

3.A. Consent Agenda

Documents:

[3 - CONSENT AGENDA 2.PDF](#)

4. Meeting Minutes/Communications

4.A. Meeting Minutes And Communications

Documents:

[4 - MEETING MINUTES AND COMMUNICATIONS.PDF](#)

5. Committee Business

5.A. Report From The Finance Committee

5.A.1. Report From The Finance Committe

Documents:

[5A - FINANCE COMMITTEE AGENDA AND SUPPORTING DOCUMENTS.PDF](#)

5.B. Report From Public Works And Grounds Committee

5.B.1. Report From The Public Works And Grounds Committee

Documents:

[5B - PUBLIC WORKS AND GROUNDS COMMITTEE AGENDA AND SUPPORTING DOCUMENTS.PDF](#)

5.C. Report From Public Safety Committee

5.C.1. Report From The Public Safety Committee

Documents:

[5C - PUBLIC SAFETY AGENDA AND SUPPORTING DOCUMENTS.PDF](#)

5.D. Report From Planning Committee

5.D.1. Report From The Planning Committee

Documents:

[5D - PLANNING COMMITTEE AGENDA AND SUPPORTING DOCUMENTS.PDF](#)

6. Inquiries

7. Adjournment



GRINNELL CITY COUNCIL REGULAR SESSION MEETING
MONDAY, MARCH 2, 2020 AT 7:00 P.M.
IN THE COUNCIL CHAMBERS

TENTATIVE AGENDA

- 1) **Call to Order:**
- 2) **Perfecting and Approval of Agenda:**
- 3) **Consent Agenda:**
 1. Previous minutes as drafted from the Monday, February 17, 2020 Regular Session.
 2. Approve Liquor License renewal:
 1. Fareway Stores, Inc., 727 West St.
 2. Grinnell College, 933 13th Ave.
 3. Approve Dustin Briggs and Toby Harris as new members of Grinnell Volunteer Fire Department.
 4. Approve Grinnell Public ROW permit for Windstream for West Street.
 5. Approve city claims and payroll claims from February 4, 2020 through and including March 2, 2020 in the amount of \$547,592.99.
 6. Review Campbell Fund requests.

**All items listed under the consent agenda will be enacted by one motion. There will be no separate discussion of these items unless a request is made prior to the time Council votes on the motion.*

- 4) **Meeting Minutes and Communications:**
 - a) Finance Committee minutes: February 17, 2020.
 - b) Public Safety Committee minutes: February 17, 2020.
 - c) Planning Committee minutes: February 17, 2020.
 - d) Veterans Memorial Commission minutes: February 10, 2020.
 - e) Library Board minutes: January 29, 2020.
 - f) January 2020 Central Park Campaign Report.
 - g) January 2020 Skatepark Campaign Report.
 - h) January 2020 Veterans Memorial Building Campaign Report.
 - i) Mediacom Rate Notice.
- 5) **Committee Business:**
 - A. **Report from the Finance Committee**
 1. Consider resolution setting the public hearing on the budget estimate for FY21 beginning July 1, 2020 and ending June 30, 2021 (See Resolution No. 2020-29).
 2. Consider resolution for monthly internal transfers of funds (See Resolution No. 2020-30).
 3. Consider resolution for monthly transfers of funds for trust and agency (See Resolution No. 2020-31).

B. Report from the Public Works and Grounds Committee

1. Set public hearing date on the proposed contract documents (plans, specifications and form of contract) and estimate of cost for the construction of the 16th Avenue Culvert Replacement Project on March 16 at 7:00 p.m. and direct clerk to publish notice to bidders.
2. Consider resolution authorizing payment of contractor's pay request No. 6 in the amount of \$32,081.23 to Manatts, Inc. of Brooklyn, Iowa for the Runway Rehabilitation Project (See Resolution No. 2020-32).

C. Report from the Public Safety Committee

1. Consider first reading of an ordinance amending provisions pertaining to Animal Protection and Control (See Ordinance No. 1483).
2. Consider approval of promotion of Matthew Moore to the position of Sergeant effective March 11, 2020 and review the step pay schedule.

D. Report from the Planning Committee

1. Marty Wymore, Region 6 Resource Partners & Peoplerides, will present information on Peoplerides.
2. Consider request from Les Ollinger to widen driveway, 801 Penrose St.
3. Discuss radon mitigation.

6) **Inquiries:**

7) **Adjourn**



GRINNELL CITY COUNCIL REGULAR SESSION MEETING
MONDAY, FEBRUARY 17, 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 all council members in attendance.

White made the motion, second by Hueftle-Worley to approve the agenda. AYES: 6-0. 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, February 3, 2020 Regular Session.
2. Approve Mayor and Council reappointments:
 1. Parks and Recreation (fulfill remainder of term expiring June 30, 2021)
 - 1) Sabrina Edsen
3. Approve Liquor Licenses renewal:
 1. Dollar General Store, 114 West St S.
4. Approve Nicholas Pritchard as Assistant Recreation Director with a starting wage of \$20.71 an hour with a start date of February 26, 2020.
5. Review Campbell Fund requests.

AYES: 6-0. Motion carries.

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

- a) Finance Committee minutes: February 3, 2020.
- b) Public Safety Committee minutes: February 3, 2020.
- c) Planning Committee minutes: February 3, 2020.
- d) Public Works & Grounds Committee minutes: February 3, 2020.
- e) Parks & Recreation Board minutes: February 10, 2020.
- f) January 2020 Monthly Treasurer's Report.
- g) January 2020 Monthly Police Report.
- h) January 2020 Monthly Building Permit Report.

The Mayor announced it was the time and place for the public hearing on Proposed Property Tax Levy. He asked for any comments written or verbal, for or against the Proposed Property Tax Levy. There were none.

Hueftle-Worley made the motion, second by White to close the public hearing. AYES: 6-0. Motion carried.

FINANCE COMMITTEE

Wray made the motion, second by White to approve Resolution No. 2020-28 – A resolution approving FY 2021 maximum property tax dollars. AYES: 6-0. Motion carried.

Wray made the motion, second by White to approve sending the 915 Main Street project to Historic Preservation to review and comment on within 30 days. AYES: 6-0. Motion carried.

PUBLIC WORKS AND GROUNDS COMMITTEE

No meeting was held.

PUBLIC SAFETY COMMITTEE

White made the motion, second by Hueftle-Worley to direct staff and Police Chief to put together an ordinance amendment to address animal waste. AYES: 6-0. Motion carried.

White made the motion, second by Davis to approve 24-hour parking for new parking lot located at 728 Main St. AYES: 6-0. Motion carried.

White made the motion, second by Hueftle-Worley to approve further discussions about ambulance service outside the Grinnell city limits. AYES: 6-0. Motion carried.

PLANNING COMMITTEE

Bly made the motion, second by Gaard to approve Tom Lacina's request for sidewalk structure on Broad Street within building codes. AYES: 6-0. Motion carried.

ADJOURNMENT

1) The Mayor declared the meeting adjourned at 7:17 p.m.

DAN F. AGNEW, MAYOR

ATTEST:

ANNMARIE WINGERTER, CITY CLERK/FINANCE DIRECTOR

Applicant License Application (LE0001621)

Name of Applicant: <u>Fareway Stores, Inc.</u>		
Name of Business (DBA): <u>Fareway Stores, Inc. #737</u>		
Address of Premises: <u>727 West Street</u>		
City <u>Grinnell</u>	County: <u>Poweshiek</u>	Zip: <u>50112</u>
Business	<u>(641) 236-3331</u>	
Mailing <u>2300 Industrial Park Road</u>		
City <u>Boone</u>	State <u>IA</u>	Zip: <u>50036</u>

Contact Person

Name <u>Tracey L. Wilson</u>	
Phone: <u>(515) 433-5336</u>	Email <u>twilson@farewaystores.com</u>

Classification Class E Liquor License (LE)

Term:12 months

Effective Date: 03/22/2019

Expiration Date: 03/21/2020

Privileges:

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

Status of Business

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

Ownership

Fred E. Vitt Control Trust

First Name: Fred E. **Last Name:** Vitt Control Trust
City: Boone **State:** Iowa **Zip:** 50036
Position: Trust
% of Ownership: 10.87% **U.S. Citizen:** Yes

Garrett S Piklapp

First Name: Garrett S **Last Name:** Piklapp
City: Huxley **State:** Iowa **Zip:** 50124
Position: Secetary
% of Ownership: 0.00% **U.S. Citizen:** Yes

Fareway Control Trust

First Name: Fareway **Last Name:** Control Trust
City: Boone **State:** Iowa **Zip:** 50036

Position: Trust

% of Ownership: 55.88%

U.S. Citizen: **Yes**

Various Individuals & Trust each holding less than 5%.

First Name: Various Individuals & Trust **Last Name:** each holding less than 5%

City: Unknown

State: Iowa

Zip: 55555

Position: Stockholders

% of Ownership: 33.25%

U.S. Citizen: **Yes**

Insurance Company Information

Insurance Company: <u>Merchants Bonding Company</u>	
Policy Effective Date: <u>03/22/2019</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 (LC0042424)

Name of Applicant: <u>Trustees of Grinnell College</u>		
Name of Business (DBA): <u>Grinnell College</u>		
Address of Premises: <u>933 13th Avenue</u>		
City <u>Grinnell</u>	County: <u>Poweshiek</u>	Zip: <u>5011216</u>
Business <u>(641) 236-3590</u>		
Mailing <u>733 Broad Street</u>		
City <u>Grinnell</u>	State <u>IA</u>	Zip: <u>501121690</u>

Contact Person

Name James Mulholland	
Phone: (641) 269-4818	Email mulholla@grinnell.edu

Classification Class C Liquor License (LC) (Commercial)

Term:12 months

Effective Date: 03/30/2019

Expiration Date: 03/29/2020

Privileges:

- Catering Privilege
- Class C Liquor License (LC) (Commercial)
- Outdoor Service
- Sunday Sales

Status of Business

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

Ownership

James Mulholland

First Name: James **Last Name:** Mulholland
City: Grinnell **State:** Iowa **Zip:** 50112
Position: Assistant Treasurer
% of Ownership: 100.00% **U.S. Citizen:** Yes

Insurance Company Information

Insurance Company: <u>Scottsdale Insurance Company</u>	
Policy Effective Date: <u>03/30/2019</u>	Policy Expiration <u>03/30/2020</u>
Bond Effective	Dram Cancel Date:
Outdoor Service Effective	Outdoor Service Expiration

Temp Transfer Effective

Temp Transfer Expiration Date:

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>2105</u>	x \$0.50	<u>1052.50</u>
		Total:	<u>\$ 1102.50</u>

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

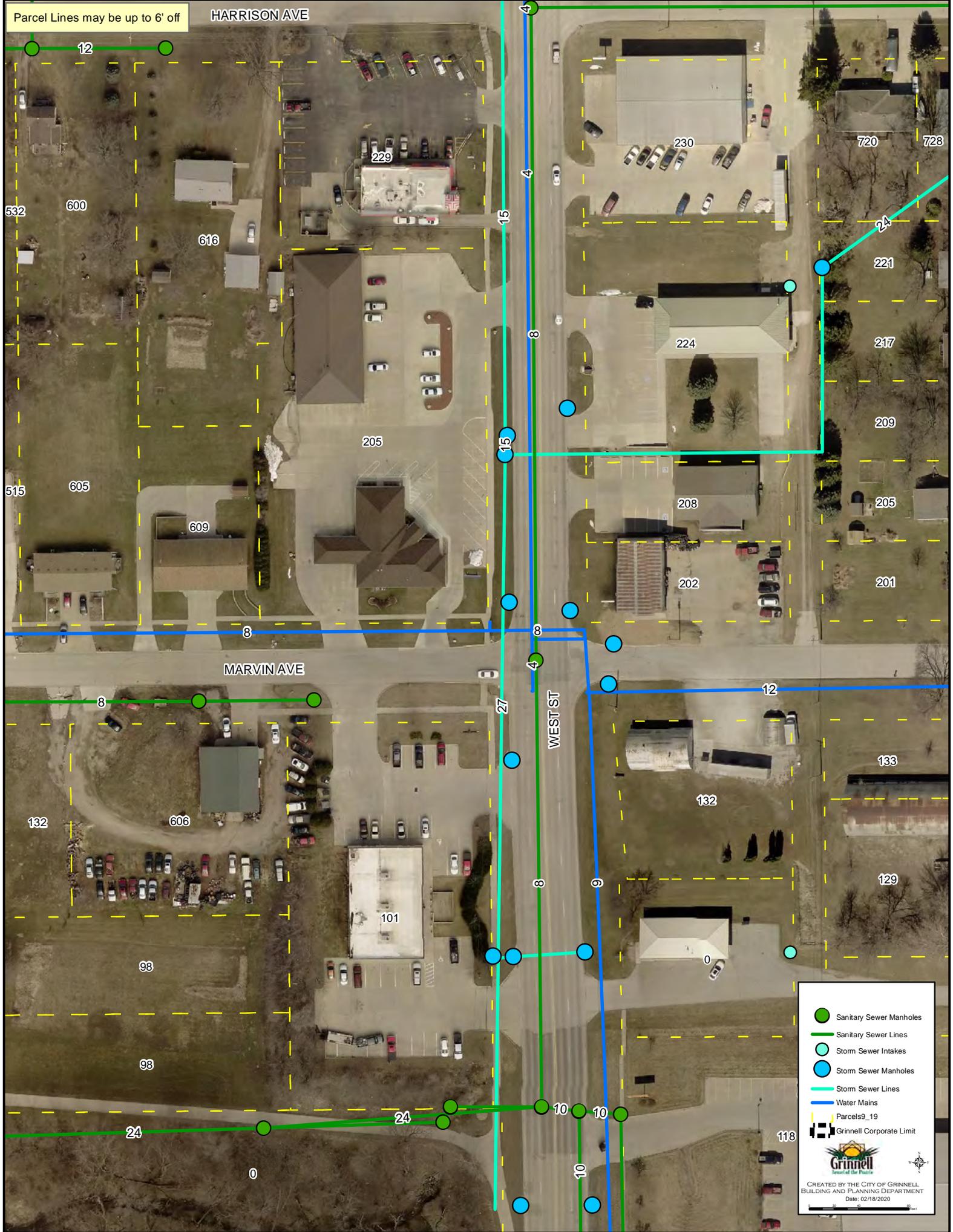
Date of Acceptance 02/18/2020

Date of Approval _____

Staff TA

Parcel Lines may be up to 6' off

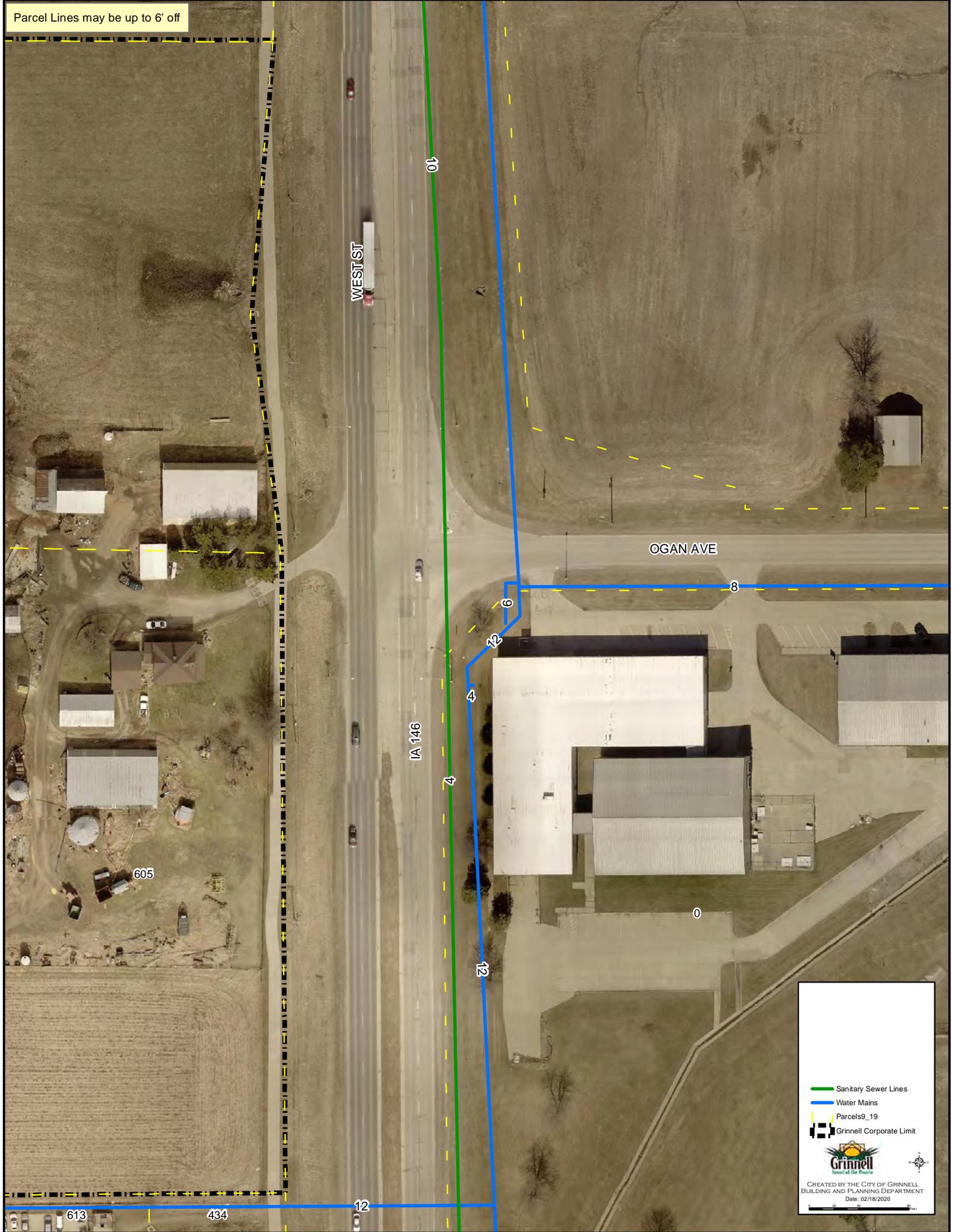
HARRISON AVE



- Sanitary Sewer Manholes
- Sanitary Sewer Lines
- Storm Sewer Intakes
- Storm Sewer Manholes
- Storm Sewer Lines
- Water Mains
- - - Parcels9_19
- Grinnell Corporate Limit

CREATED BY THE CITY OF GRINNELL
 BUILDING AND PLANNING DEPARTMENT
 Date: 02/18/2020

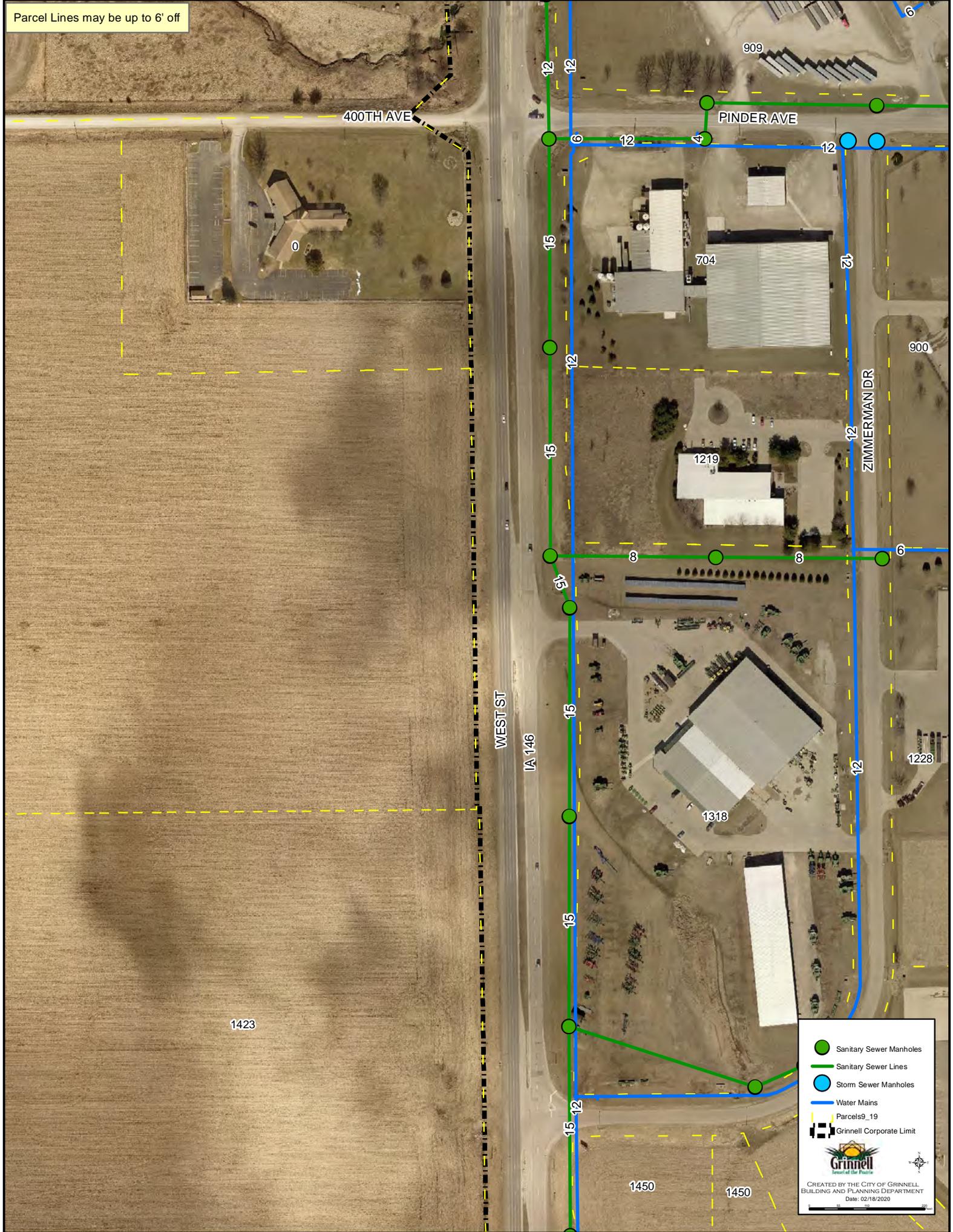
Parcel Lines may be up to 6' off



- Sanitary Sewer Lines
- Water Mains
- Parcels9_19
- Grinnell Corporate Limit

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Date: 02/18/2020

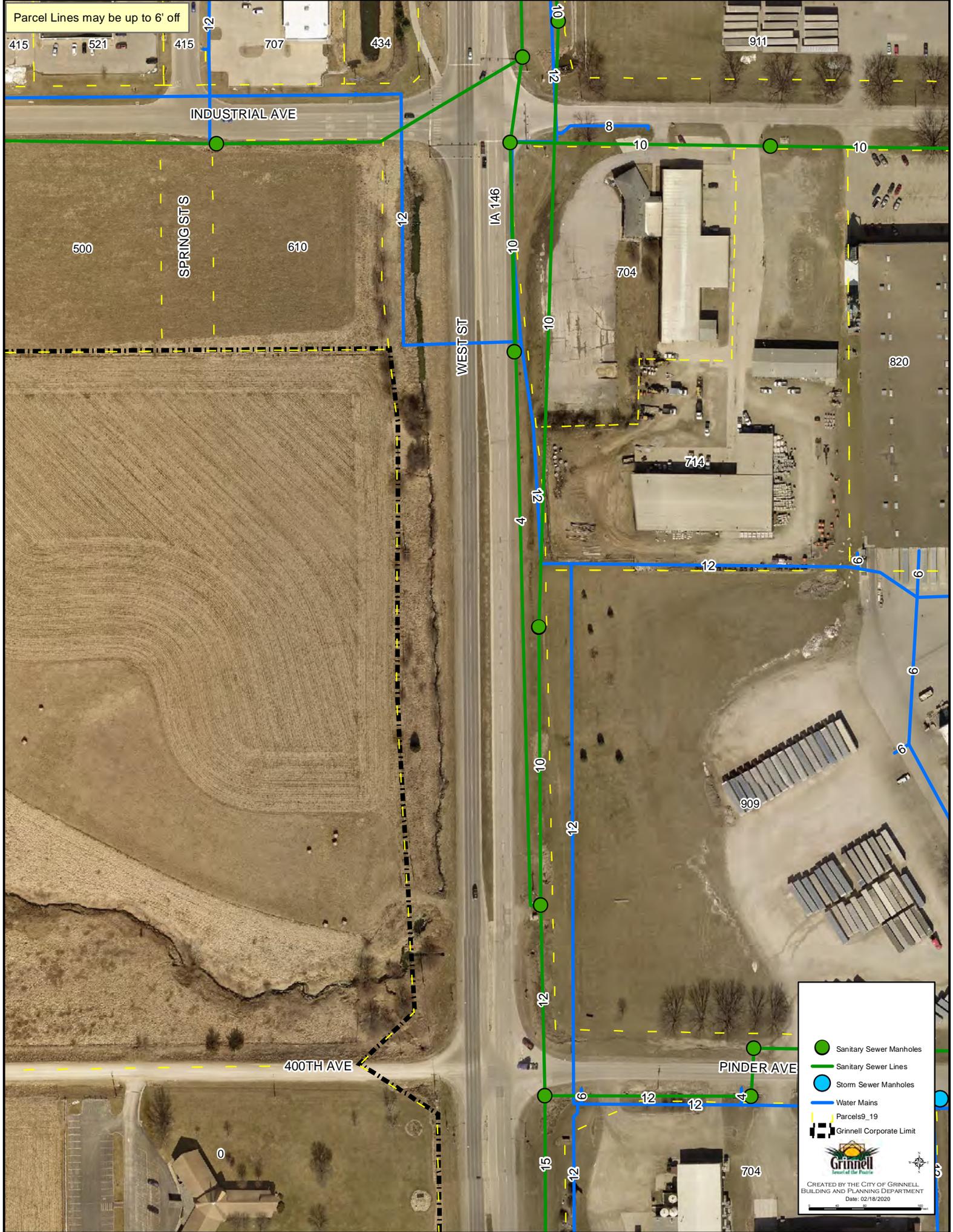
Parcel Lines may be up to 6' off



- Sanitary Sewer Manholes
- Sanitary Sewer Lines
- Storm Sewer Manholes
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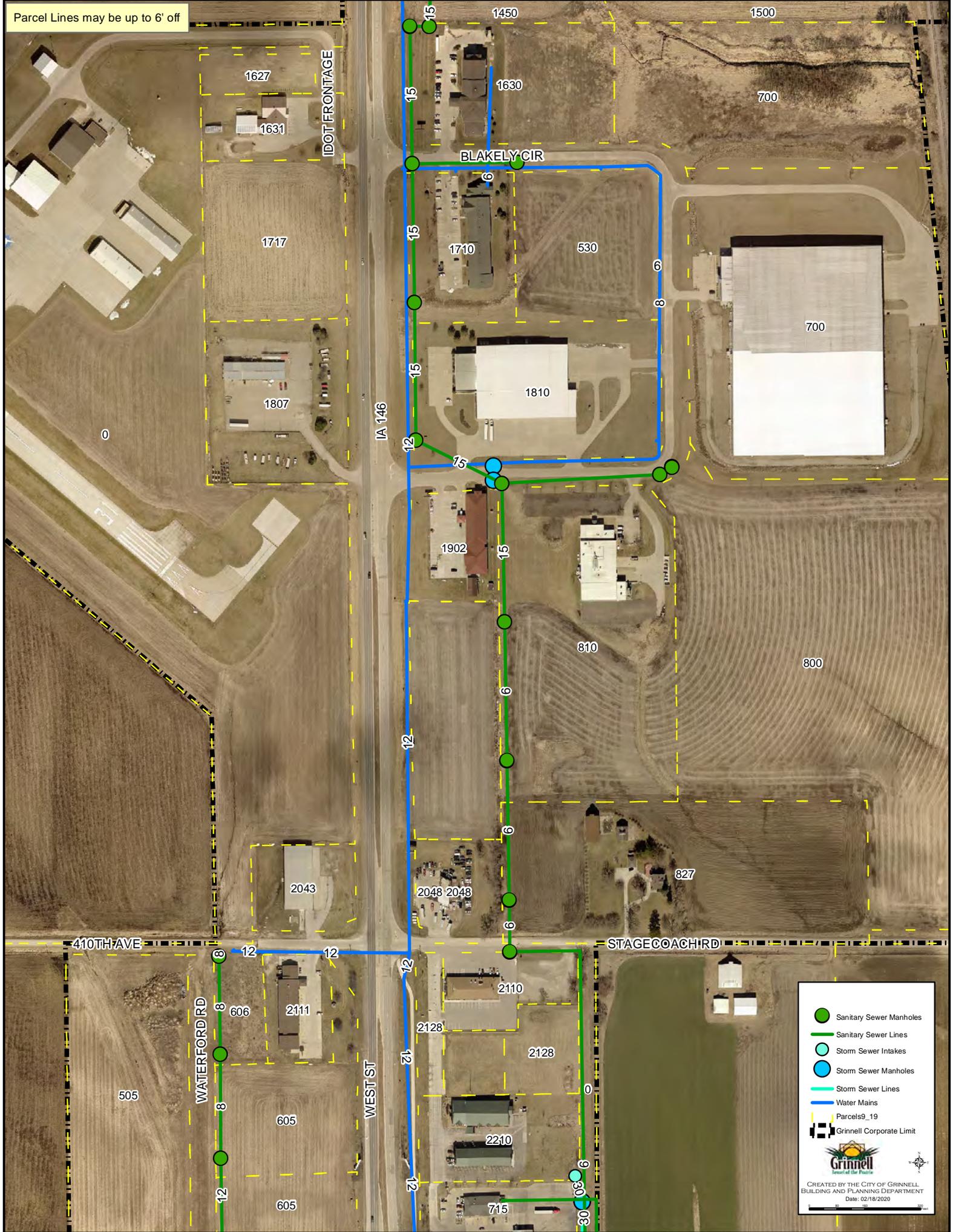
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- Sanitary Sewer Manholes
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CREATED BY THE CITY OF GRINNELL
BUILDING AND PLANNING DEPARTMENT
Date: 02/18/2020

Parcel Lines may be up to 6' off



- Sanitary Sewer Manholes
- Sanitary Sewer Lines
- Storm Sewer Intakes
- Storm Sewer Manholes
- Storm Sewer Lines
- Water Mains
- Parcels 9_19
- ▬ Grinnell Corporate Limit

CREATED BY THE CITY OF GRINNELL
BUILDING AND PLANNING DEPARTMENT
Date: 02/18/2020

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

FOR DEPARTMENT USE ONLY		
Permit Number 79V-2020-005	Highway Number 146	County Poweshiek
DOT Project Number F-146-2(6)--20-79		Expiration/Completion Date 2/18/21

APPLICANT (INDIVIDUAL OR COMPANY)				
First Name Deanna	Middle Initial L	Last Name Phillips	Phone Number 501-748-9471	Ext.
Company Name Windstream Iowa Communications, LLC			Phone Number	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:
 WINDSTREAM PROPOSED TO PLACE 2105' OF BURIED 48CT FIBER OPTIC CABLE IN NEW 1.25" CONDUIT & 4335' OF AERIAL 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND ALONG EXISTING POLES IN ROW OF IA-146 (WEST ST) FROM 41.733016°, -92.727492° (MP 21.08) TO 41.700550°, -92.727480° (MP 18.84)
 OSP-17680 / JobTrac #713392420

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 32,29,20,17 , Twp. 80N , Range 16W on Highway No. 146 generally located 0.75 (miles) SOUTH (direction) from GRINNELL (city, county line, or other landmark). Work proposed is more specifically located as being from 21.08 (Milepost #) and 967+50 (Highway Station) to 18.84 (Milepost #) and 849+50 (Highway Station) on the WEST side of highway.

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

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

A. General

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

B. Construction and Maintenance

1. The location, construction and maintenance of the utility installation covered by this application shall be in accordance with the current Department's Utility Accommodation Policy. <http://www.iowadot.gov/traffic/pdfs/UtilityPolicy.pdf>
2. Before beginning any work in the highway right-of-way, it is the responsibility of the Permit Holder to obtain an easement from the drainage district if necessary. The Department assumes no responsibility for advising the Permit Holder of each location of a drainage district crossing. It is the Permit Holder's responsibility to locate these crossings and obtain any necessary easements or permission from the drainage district. See Code of Iowa, Chapter 468 for additional information.
3. A copy of the approved permit shall be available on the job site at all times for examination by Department personnel.
4. Operations in the construction and maintenance of this utility installation shall be carried on in such a manner as to cause minimum interference to or distraction of traffic on said highway.
5. Traffic protection shall minimally be in accordance with Part VI of the current Manual on Uniform Traffic Control Devices for Streets and Highways. The applicant shall be responsible for correctly using traffic control devices including signs, warning lights, and channelizing devices as needed while work is in progress or the clear zone is impacted. Flagging operations are the responsibility of the applicant. The Department's TC XXX Series Standards are the preferred traffic control specification plans. http://www.iowadot.gov/design/stdplne_tc.htm
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 (Print or Type) Deanna L. Phillip	Agent/Owner (Signature) <i>Deanna L. Phillip</i>	Title Analyst I - Engineering Support
Name of Owner (Print or Type) Windstream Iowa Communications, LLC		Date 02/18/2020
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: *79U-2020-005*

Authorized Highway District Representative Deanna Smyth-Peters	Signature <i>Deanna Smyth-Peters</i>	Date <i>2/18/20</i>
e-Mail Address Deanna.Smyth-Peters@iowadot.us		

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 - Grinnell Maintenance Supervisor		Phone Number (641) 236-3014	
Street Address 902 Ogan	City/Town Grinnell	State IA	ZIP Code 50112
e-Mail Address Mohamed.Mohamed@iowadot.us			

Form 511005 (06-16)

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

February 18, 2020

Windstream Iowa Communication
Attention: Deanna Phillips
4001 N Rodney Parham Rd.
Little Rock, AR 72212

Dear Ms. Phillips:

Enclosed is a copy of approved permits, number 79U-2020-005, Application and Agreement for Use of Highway Right of Way for Utilities Accommodation, for a fiber optic cable Hwy 146 at station 849+50 to 967+50 .

Please note any changes or stipulations we have made since the permit application was submitted.

We require a **48-hour notice** of your intention to start construction on the highway right of way, see D-3 of the permit. Please contact maintenance garage, 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 Jeffrey McCollough- Access & Utility Policy Specialist
Mohamed Mohamed- Grinnell Maintenance Supervisor
Lyle Brehm- Poweshiek County
File

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.

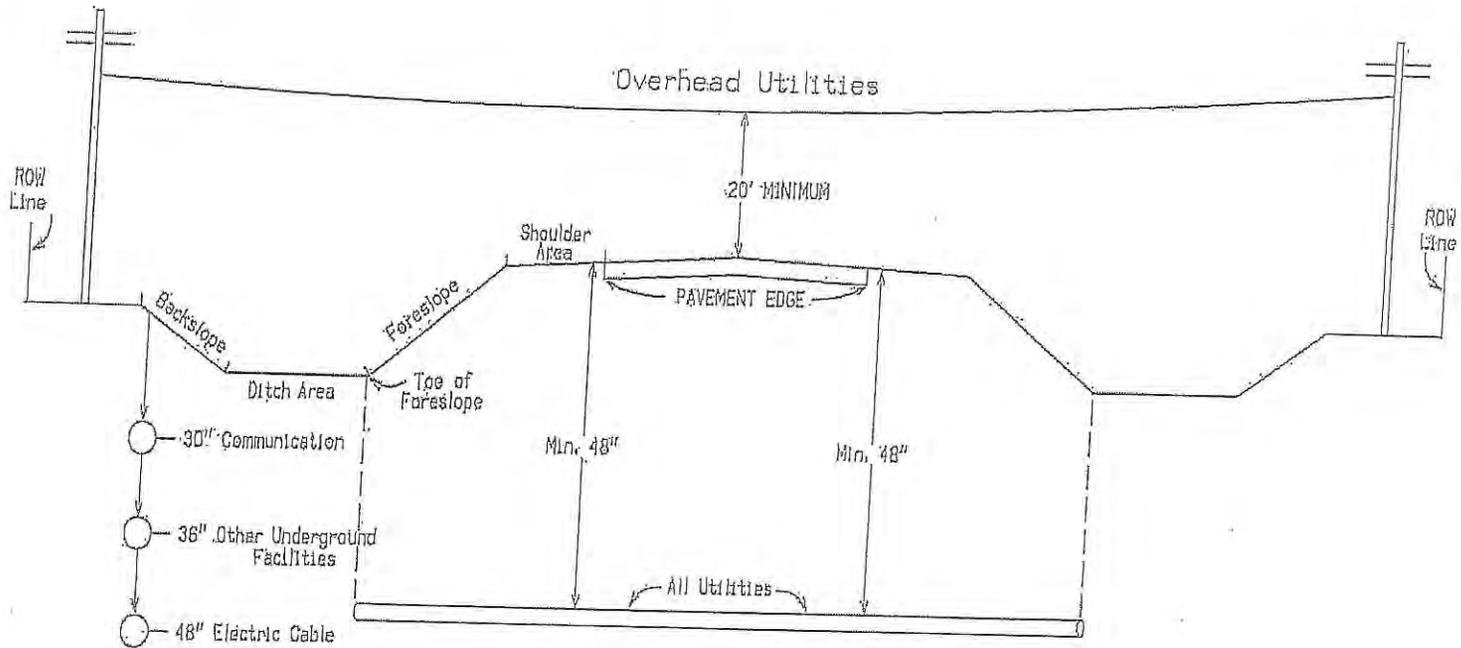
b. Aboveground pedestals are permissible. Pedestals should be placed one foot from the right-of-way fence. The number of installations is subject to department approval.

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



E-8

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.

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:

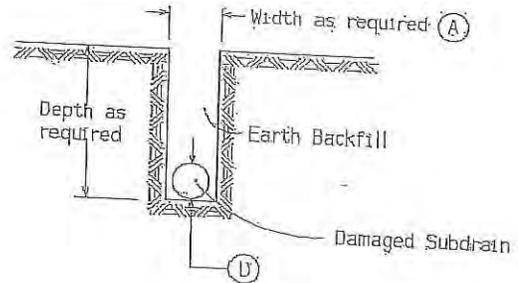
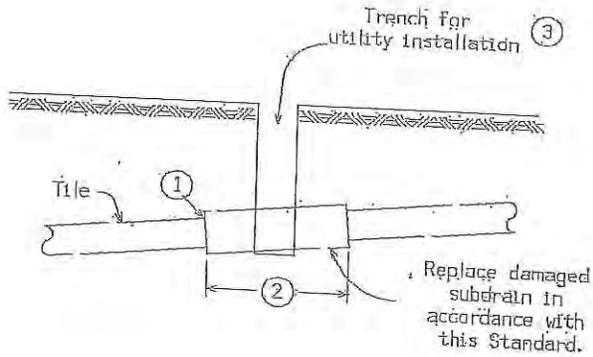
Project ending date and time:

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.

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

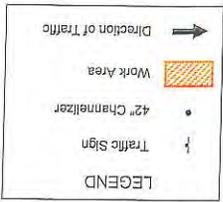
Bluegrass, Kentucky ¹	126 lbs. per acre
Ryegrass, Perennial (turf-type variety) ²	40 lbs. per acre
Fescue, Creeping Red	18 lbs. per acre
1. Choose three different cultivars of Kentucky bluegrass, at 42 lbs. per acre each.	
2. Choose two different cultivars of turf-type perennial ryegrass, at 20 lbs. 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

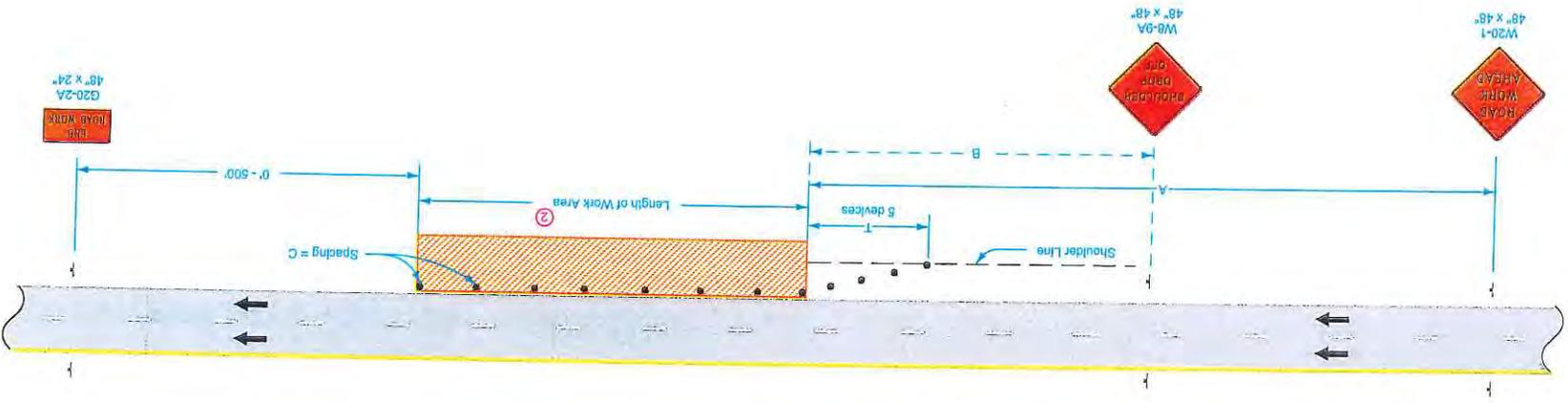
Table 2601.03-4: Permanent Seed Rates, Urban Areas

Bluegrass, Kentucky ¹	126 lbs. per acre
Ryegrass, Perennial (turf-type variety) ²	40 lbs. per acre
Fescue, Creeping Red	18 lbs. per acre
1. Choose three different cultivars of Kentucky bluegrass, at 42 lbs. per acre each.	
2. Choose two different cultivars of turf-type perennial ryegrass, at 20 lbs. per acre each.	



SPD	A	B	C	T
LIMIT (mph)	500'	250'	40'	100'
40 or less	500'	250'	40'	100'
45 - 50	700'	350'	80'	200'
55 - 60	1500'	500'	100'	200'
65 - 70	1500'	500'	100'	230'

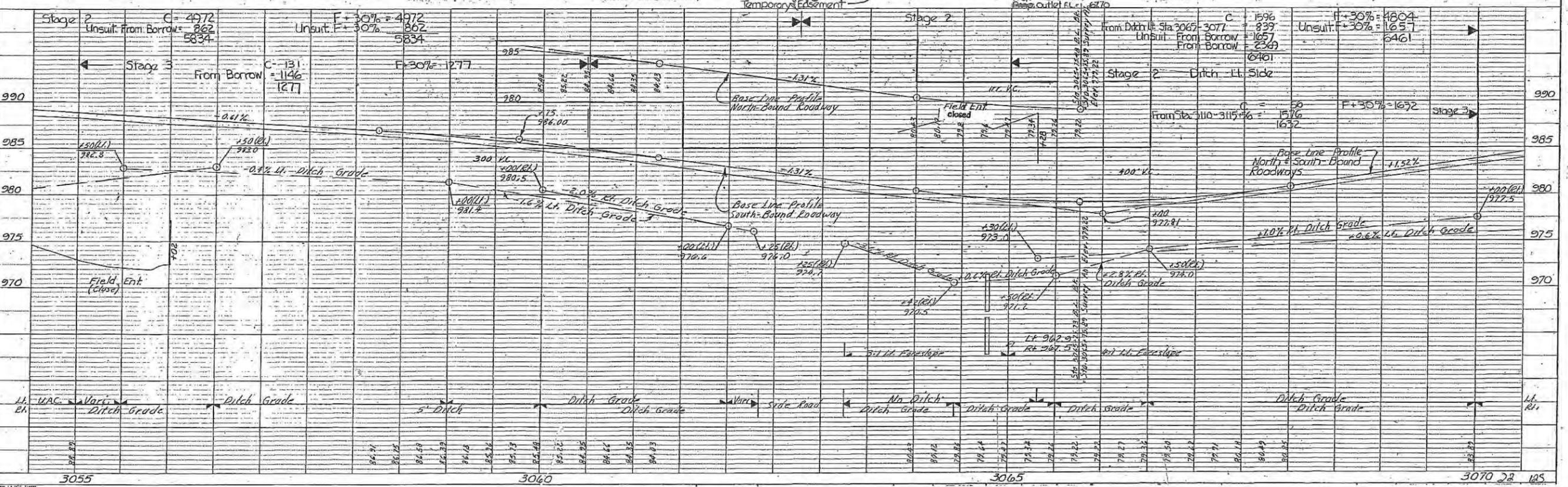
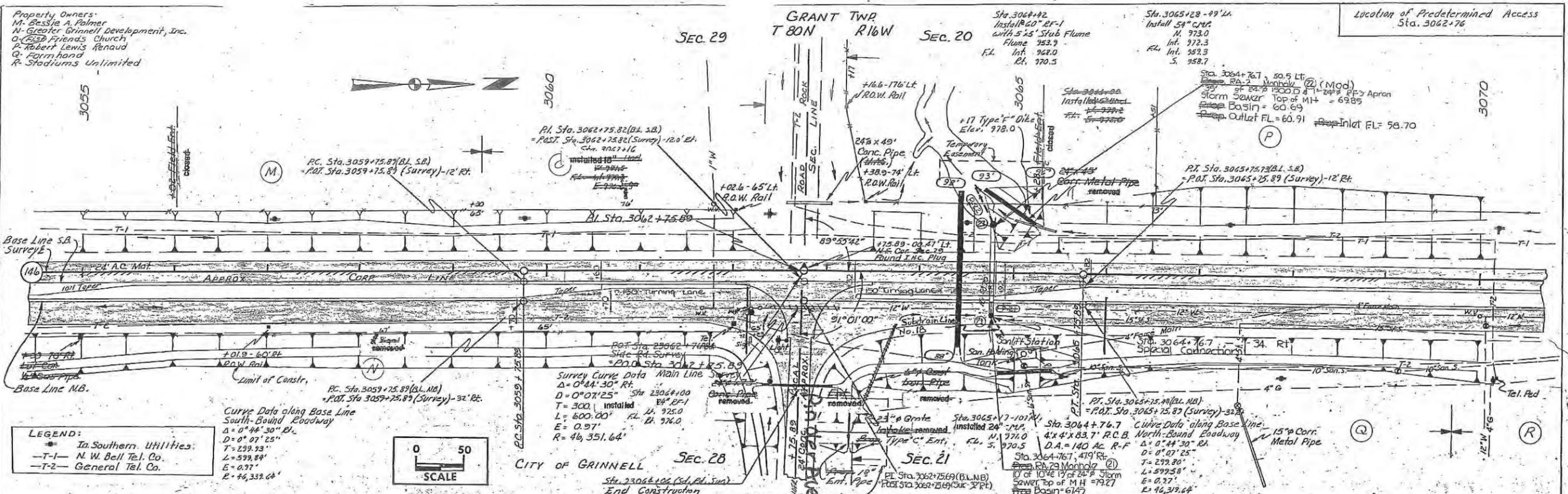
- ① When the length of a pavement edge drop-off is 1000 feet or less, the temporary filled requirement of Article 1107.08 of the Standard Specifications does not apply. Reduce channelizer spacing to 40 feet.
 - ② For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.
- 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.



Possible Contract Item:
Traffic Control

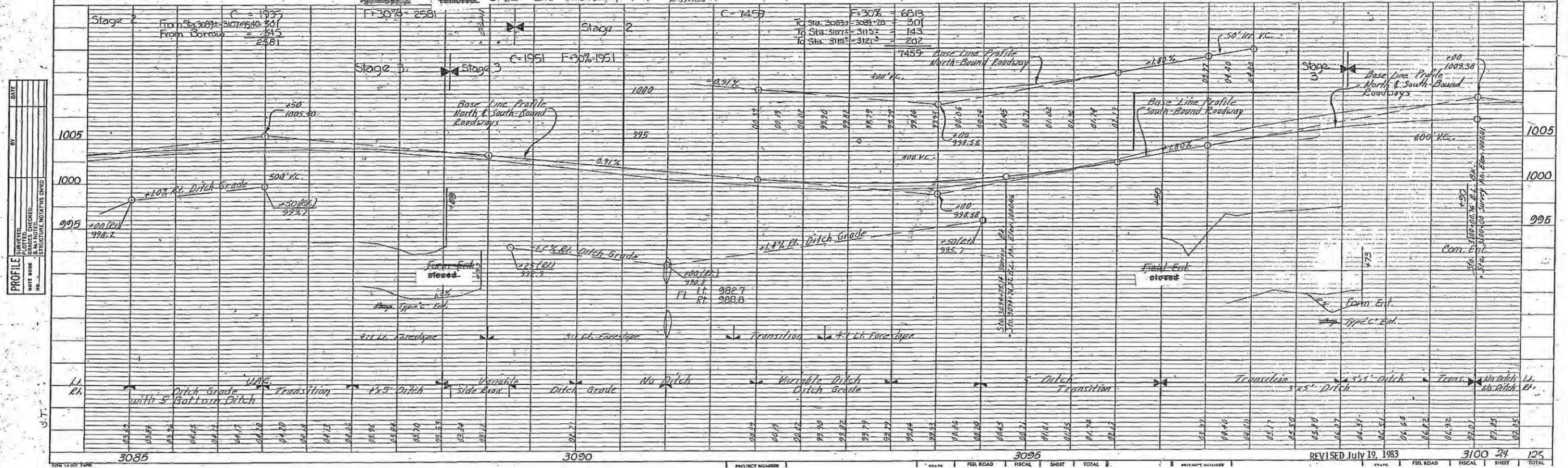
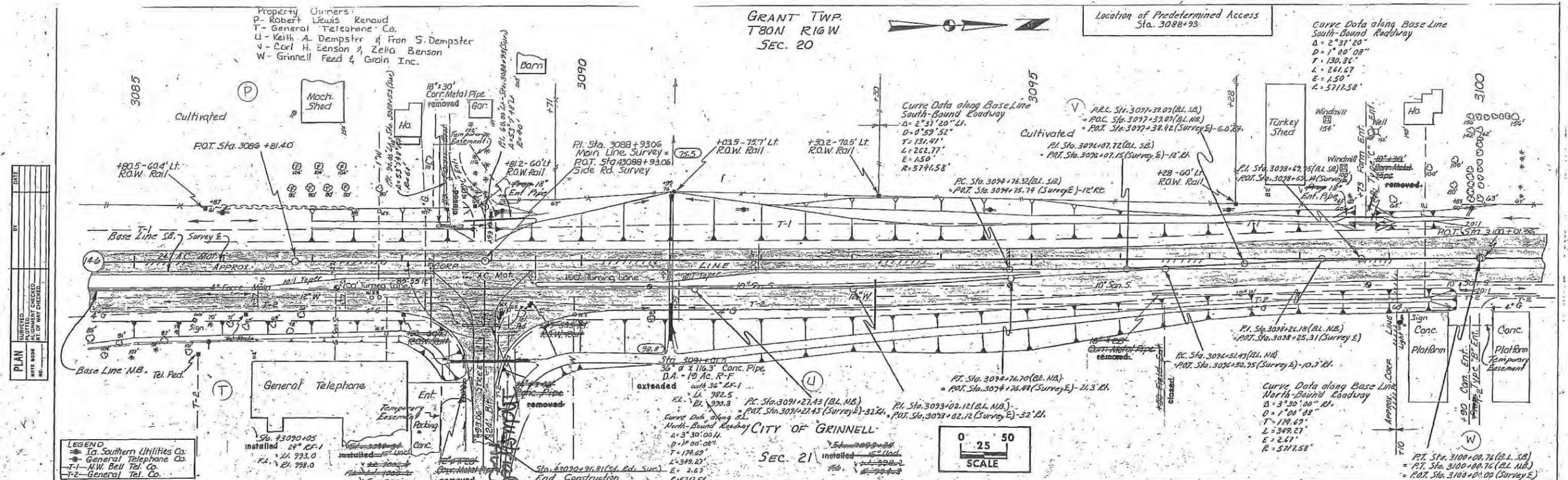
IOWADOT
STANDARD ROAD PLAN
TC-402
SHEET 1 of 1
REVISION 04-21-15

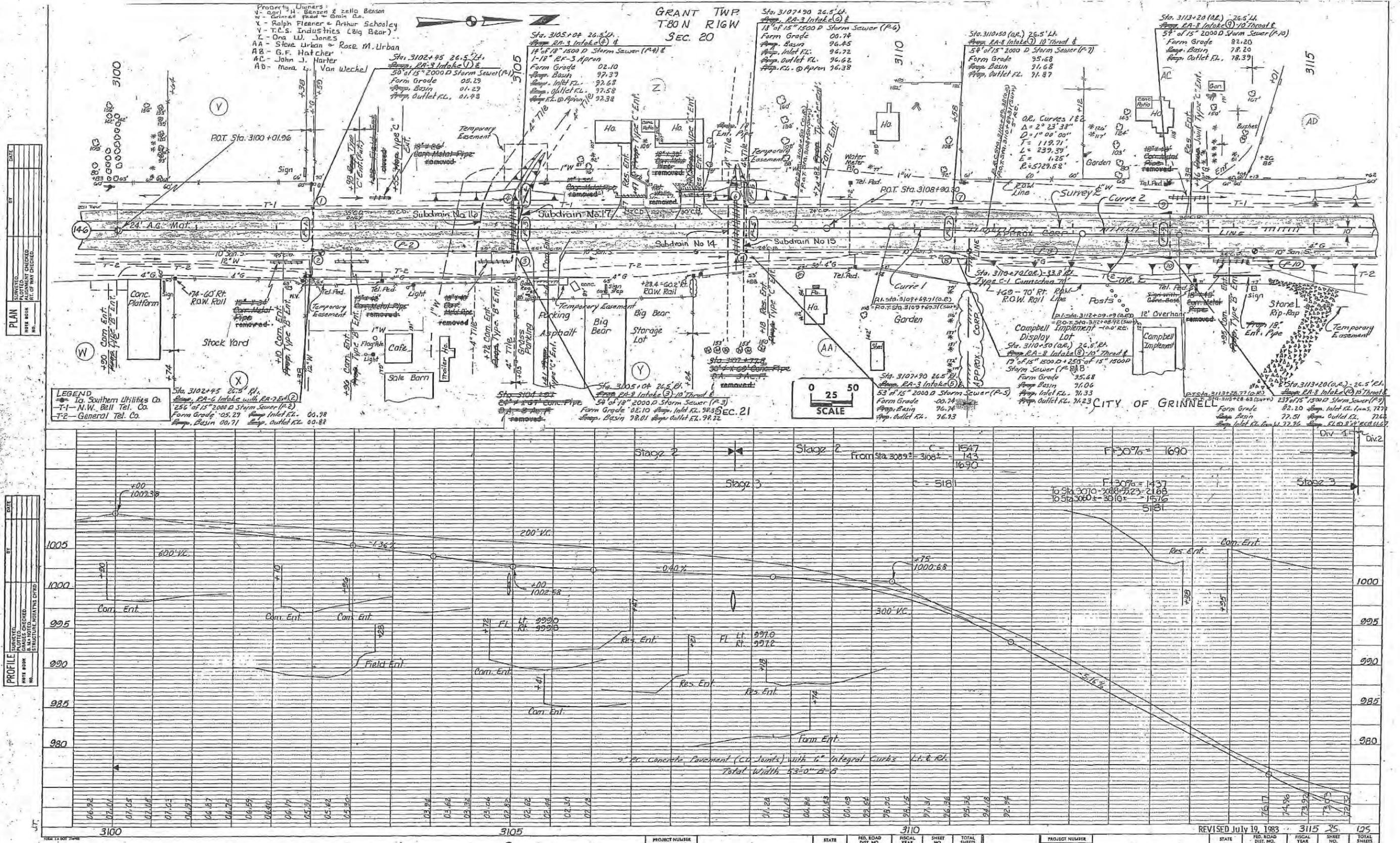
APPROVED BY DESIGN METHODS ENGINEER
BLOCK WITH THE NEW VERSION.
WORK WITHIN 15 FT OF TRAVELED WAY

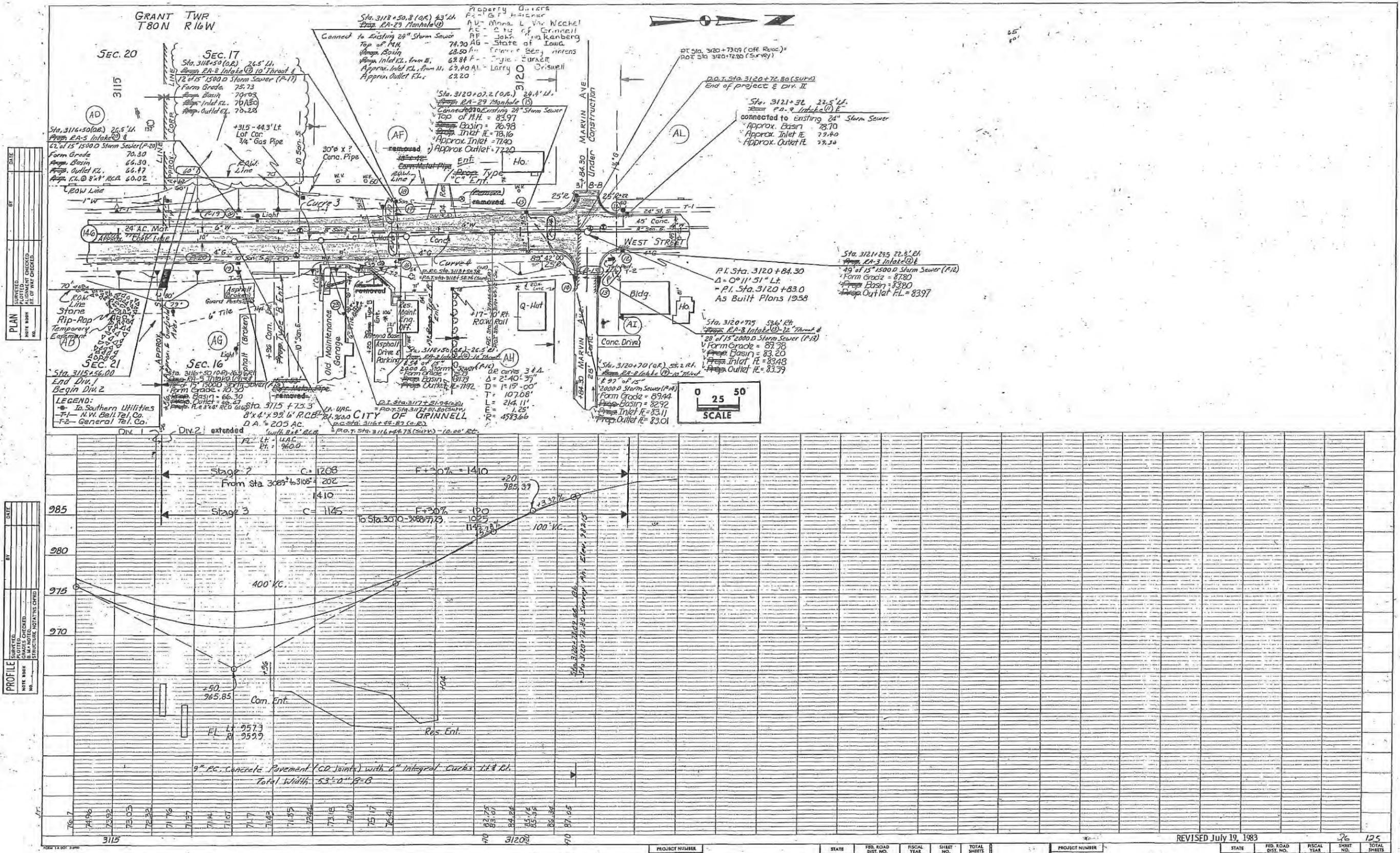


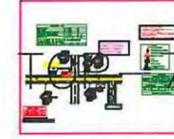
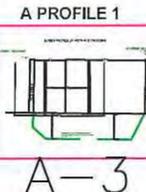
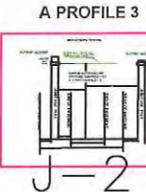
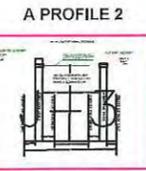
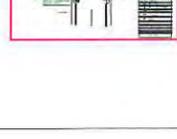
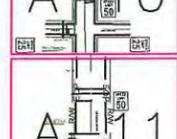
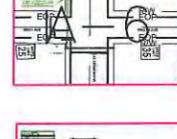
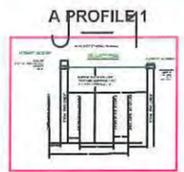
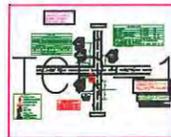
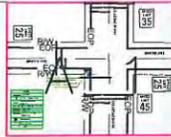
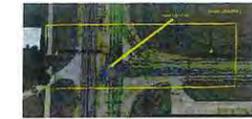
DATE	BY	REVISION

DATE	BY	REVISION









A PROFILE 1

A PROFILE 2

A PROFILE 3

A PROFILE 1

A-3

J-2

LEGEND

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: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: NTS

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

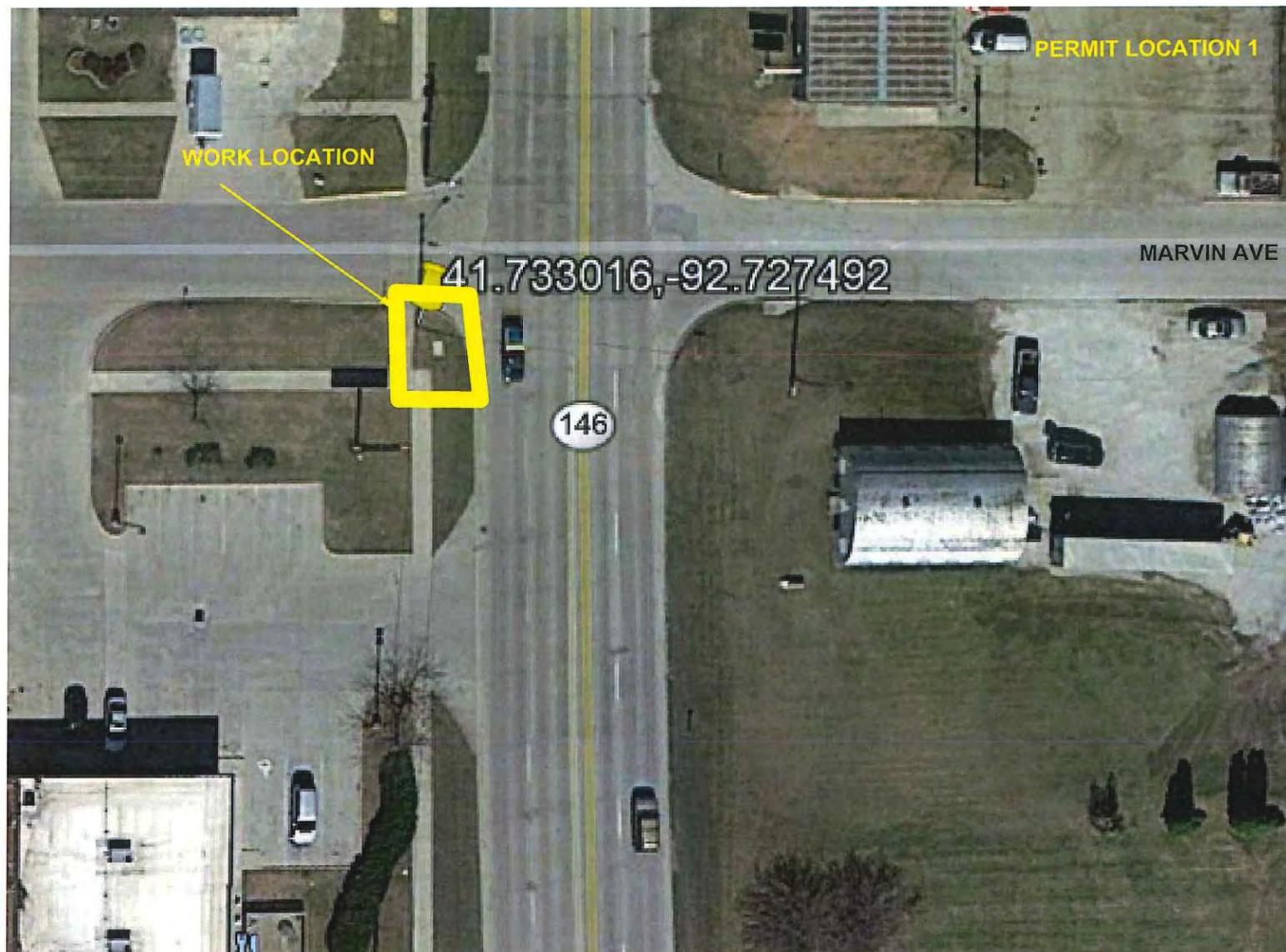
SESB1967

VERTEX_6147_SERVING_AREA

MAP:

MAP

CYIENT INC





MARVIN AVE

MARVIN AVE

IA-146 (WEST ST)

IA-146 (WEST ST)

PLACING 130' OF BURIED 48CT FIBER OPTIC CABLE IN 8" OF 1.25" NEW CONDUIT FROM EXISTING HANDHOLE 44000/HH5 LOCATED AT 41.732999°, -92.727469° TO EXISTING POLE 53200/127 LOCATED AT 41.733016, -92.727492

LEGEND	
— s —	SIDE WALK
✱	APCO Joint Use Power Pole
---	Proposed Windstream Buried FOC
— EOP —	Right of Way Edge of Pavement
— RW —	Right of Way
— CL —	Center line
---	Existing Windstream Buried Cable
○	Telephone pole
●	Mid-span Crossover
⌢	culvert

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

A-1

CYIENT INC

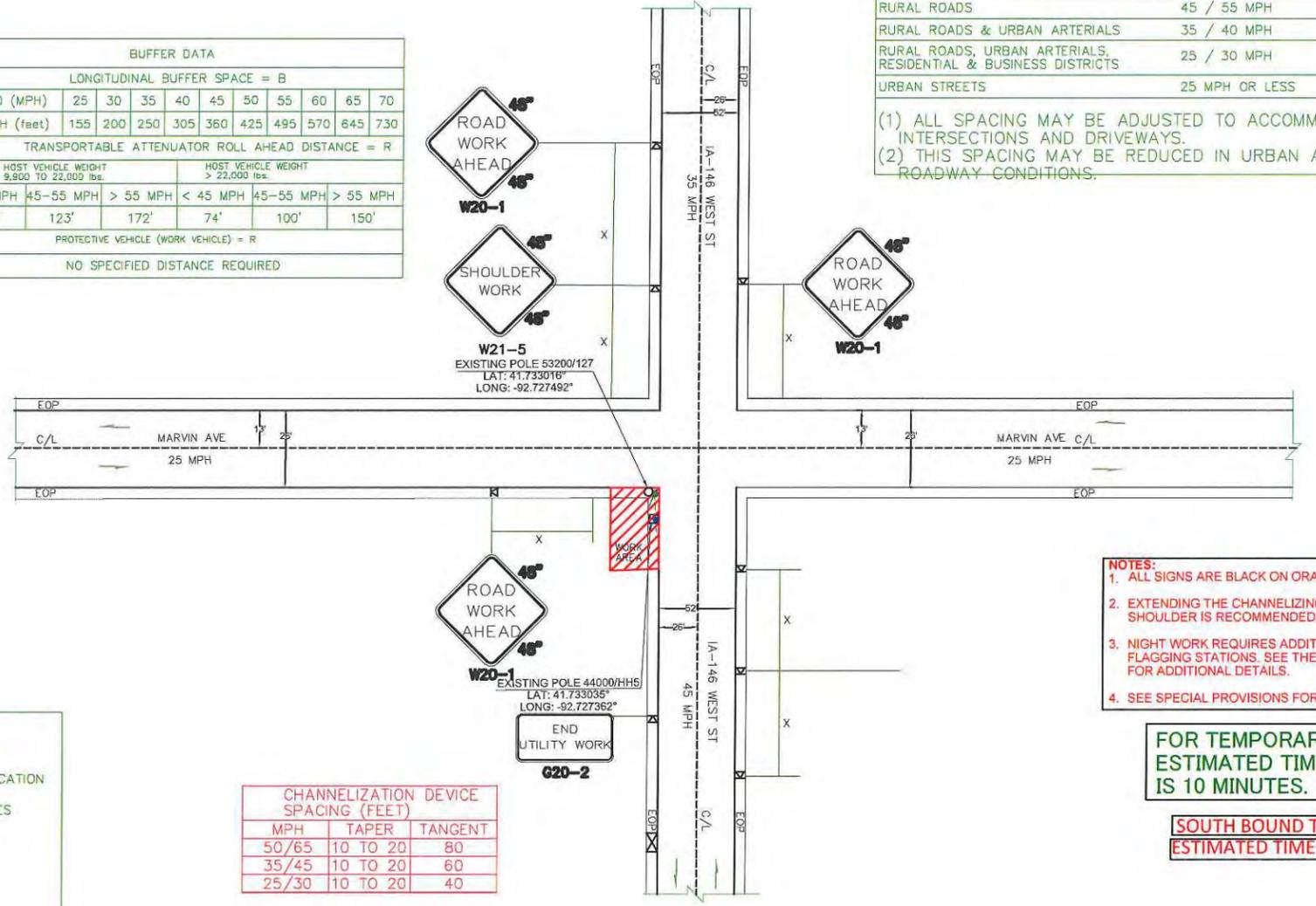
**SHOULDER CLOSURE
TRAFFIC CONTROL
BURIED SEGMENT
FOR WEST SIDE**

NOT TO SCALE

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.					HOST VEHICLE WEIGHT > 22,000 lbs.					
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH
100'	123'	172'	74'	100'	150'					
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' (2)
URBAN STREETS	25 MPH OR LESS	100' (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

- NOTES:**
1. ALL SIGNS ARE BLACK ON ORANGE.
 2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 3. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
 4. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.

**FOR TEMPORARY ROAD CLOSURE.
ESTIMATED TIME OF COMPLETION
IS 10 MINUTES.**

**SOUTH BOUND TRAFFIC LANE
ESTIMATED TIME OF CLOSURE=6 HOURS**

LEGEND	
	FLAGGING STATION
	TEMPORARY SIGN LOCATION
	CHANNELIZING DEVICES
	PROTECTIVE VEHICLE
	DRUM
	WORK SPACE
	VERTICAL PANEL
	TYPE I OR II BARRICADES
	TYPE III BARRICADES

NOT TO SCALE

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

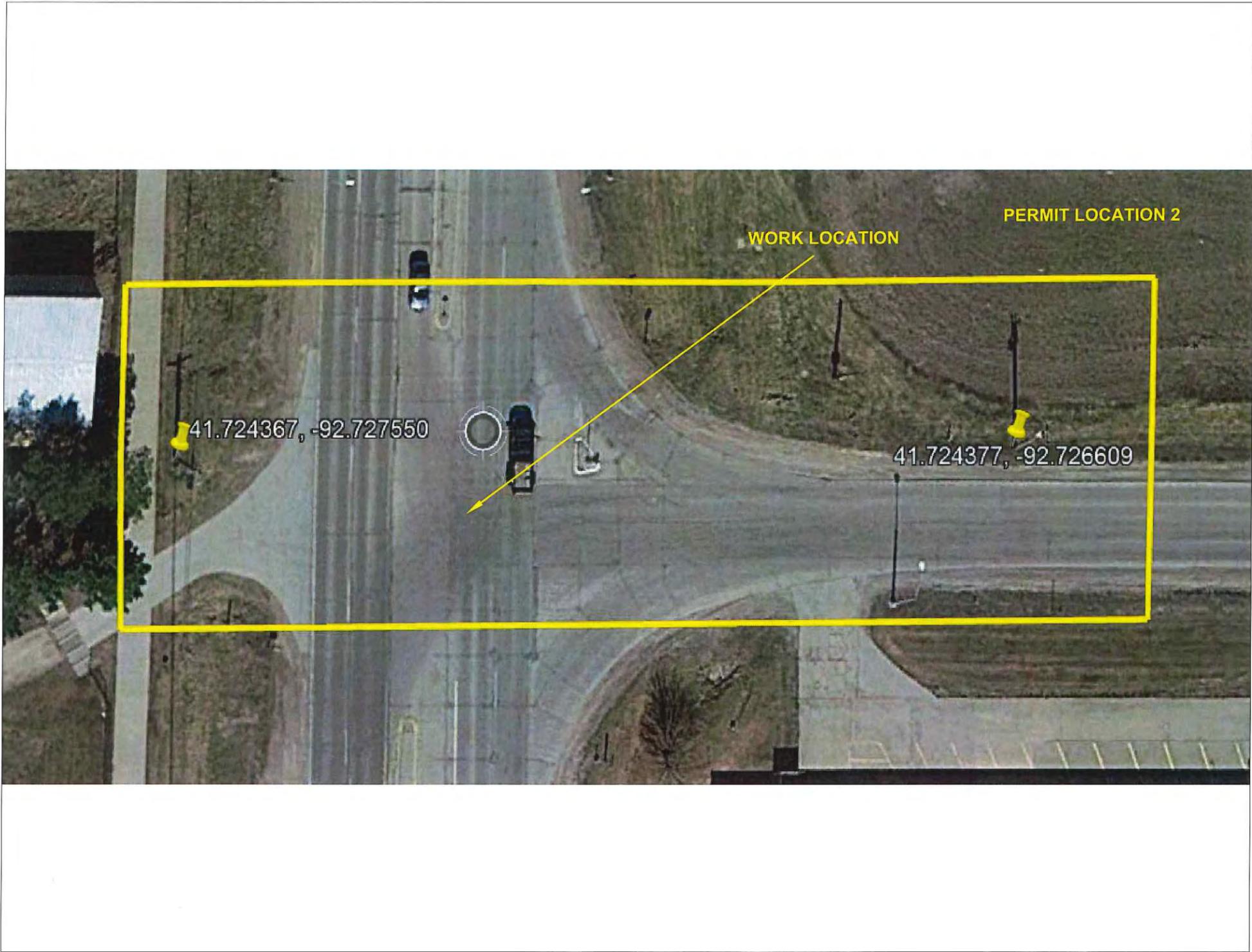
SESB1967

VERTEX_6147_SERVING_AREA

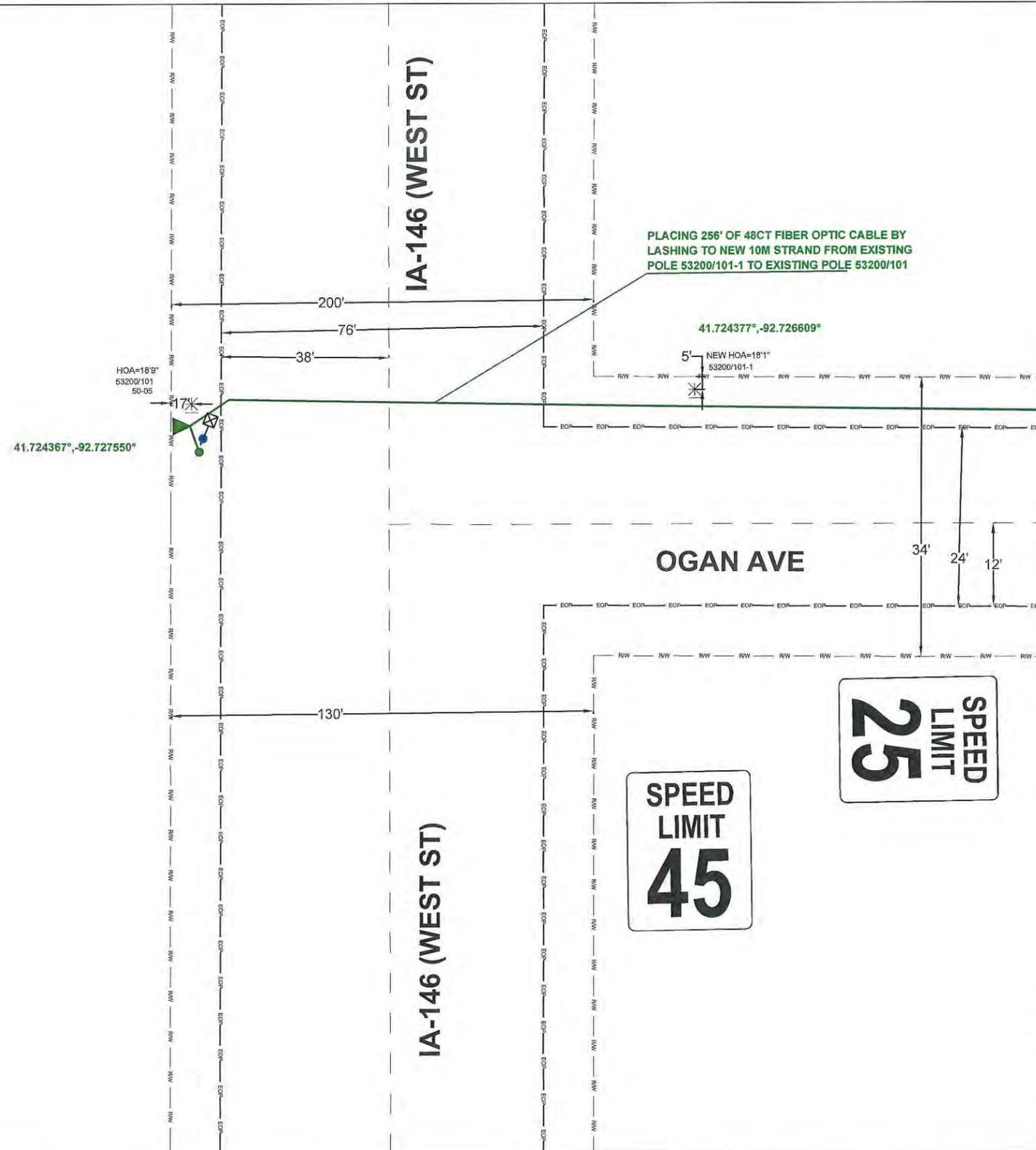
MAP:

TCP-1

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 —	Right of Way Edge of Pavement
---	Right of Way
-----	Center line
—	Existing Windstream Aerial Cable



DATE CREATED:	02/03/2020
DATE REVISED:	
DRAWN BY:	CAMERON BALDWIN
 SCALE: 1:50	
COMPANY:	WINDSTREAM
SYSTEM:	GRINNELL, IA
PROJECT NUMBER:	713392420
DESCRIPTION:	SESB1967 VERTEX_6147_SERVING_AREA
MAP:	A-2
CYIENT INC	

B-9

IA-146 (WEST ST) AERIAL CROSSING

41.724367°,-92.727550°

HOA=18'9"
EXISTING JOINT-USE POLE
53200/101
50-05

PLACING 256' OF 48CT FIBER OPTIC CABLE BY
LASHING TO NEW 10M STRAND FROM EXISTING
POLE 53200/101-1 TO EXISTING POLE 53200/101

41.724377°,-92.726609°

NEW HOA=18'1"
EXISTING
JOINT-USE
POLE
53200/101-1

EXISTING CLEARANCE = 18'0"
PROPOSED CLEARANCE = 18'0"
MINIMUM CLEARANCE = 18'

RIGHT OF WAY LINE

JOINT USE POLE

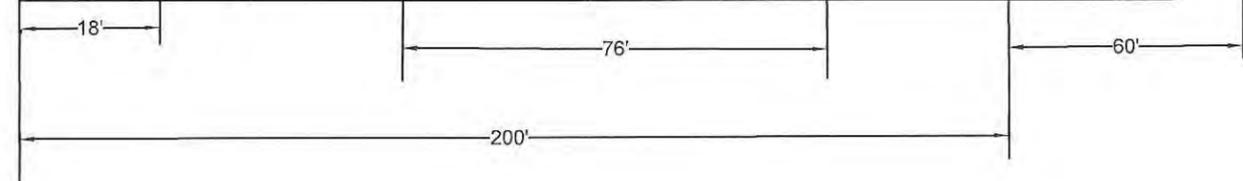
END OF PAVEMENT

IA-146 CL

END OF PAVEMENT

RIGHT OF WAY LINE

JOINT USE POLE



DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

A-2 PROFILE

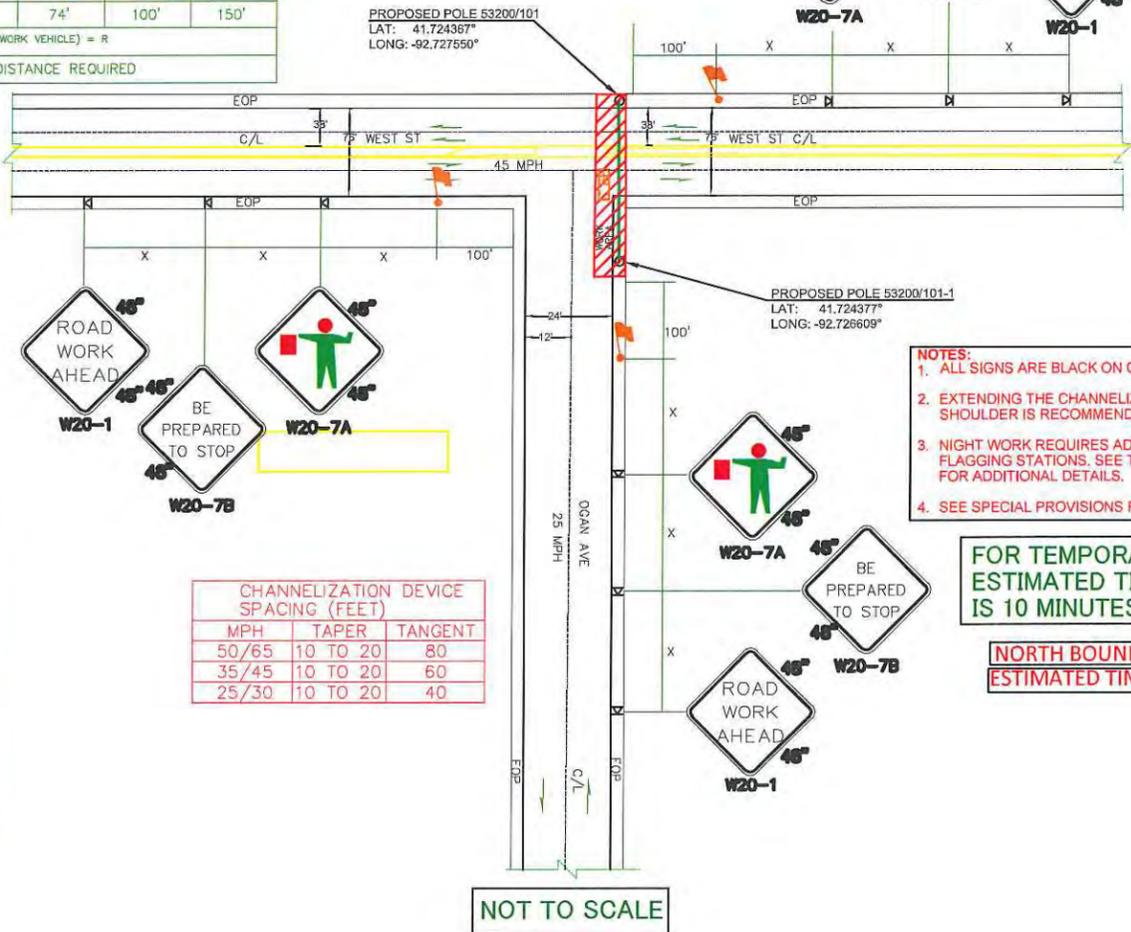
CYIENT INC

TEMPORARY ROAD CLOSURE WITH FLAGGERS FOR AERIAL SEGMENT FOR NORTH SIDE

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.					HOST VEHICLE WEIGHT > 22,000 lbs.					
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH
100'	123'	172'	74'	100'	150'					
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' (2)
URBAN STREETS	25 MPH OR LESS	100' (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

DATE CREATED: 02/03/2020
DATE REVISED:
DRAWN BY: CAMERON BALDWYN

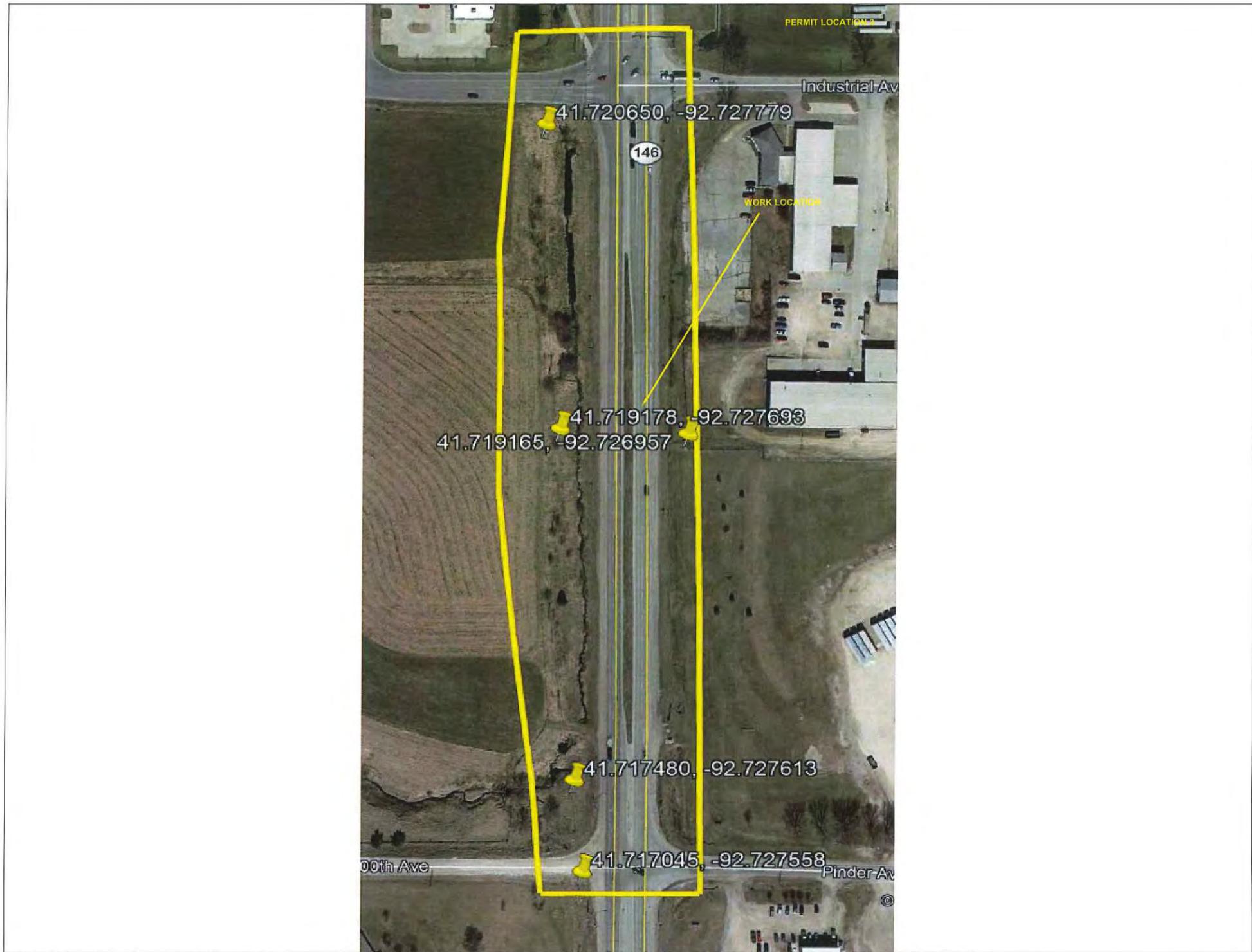


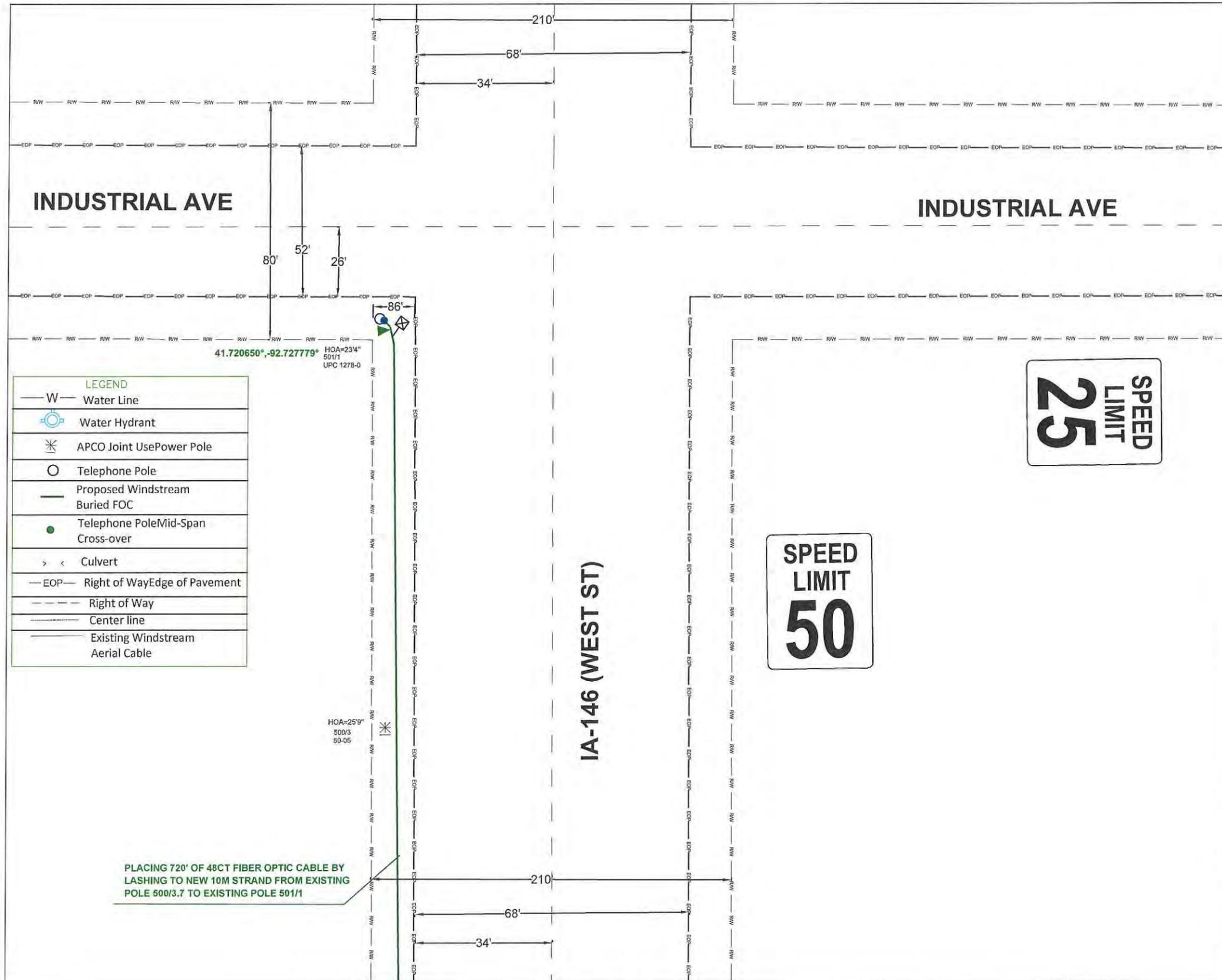
SCALE: 1:50

COMPANY: WINDSTREAM
SYSTEM: GRINNELL, IA
PROJECT NUMBER: 713392420
DESCRIPTION:
SESB1967
VERTEX_6147_SERVING_AREA

MAP: TCP-2

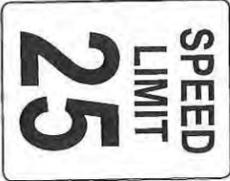
CYIENT INC



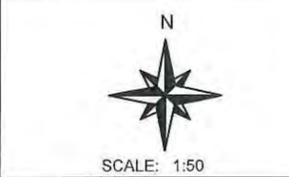


LEGEND	
— W —	Water Line
	Water Hydrant
	APCO Joint Use Power Pole
	Telephone Pole
	Proposed Windstream Buried FOC
	Telephone Pole Mid-Span Cross-over
> <	Culvert
— EOP —	Right of Way Edge of Pavement
---	Right of Way
----	Center line
—	Existing Windstream Aerial Cable

PLACING 720' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND FROM EXISTING POLE 500/3.7 TO EXISTING POLE 501/1



DATE CREATED: 02/03/2020
 DATE REVISED:
 DRAWN BY: CAMERON BALDWIN



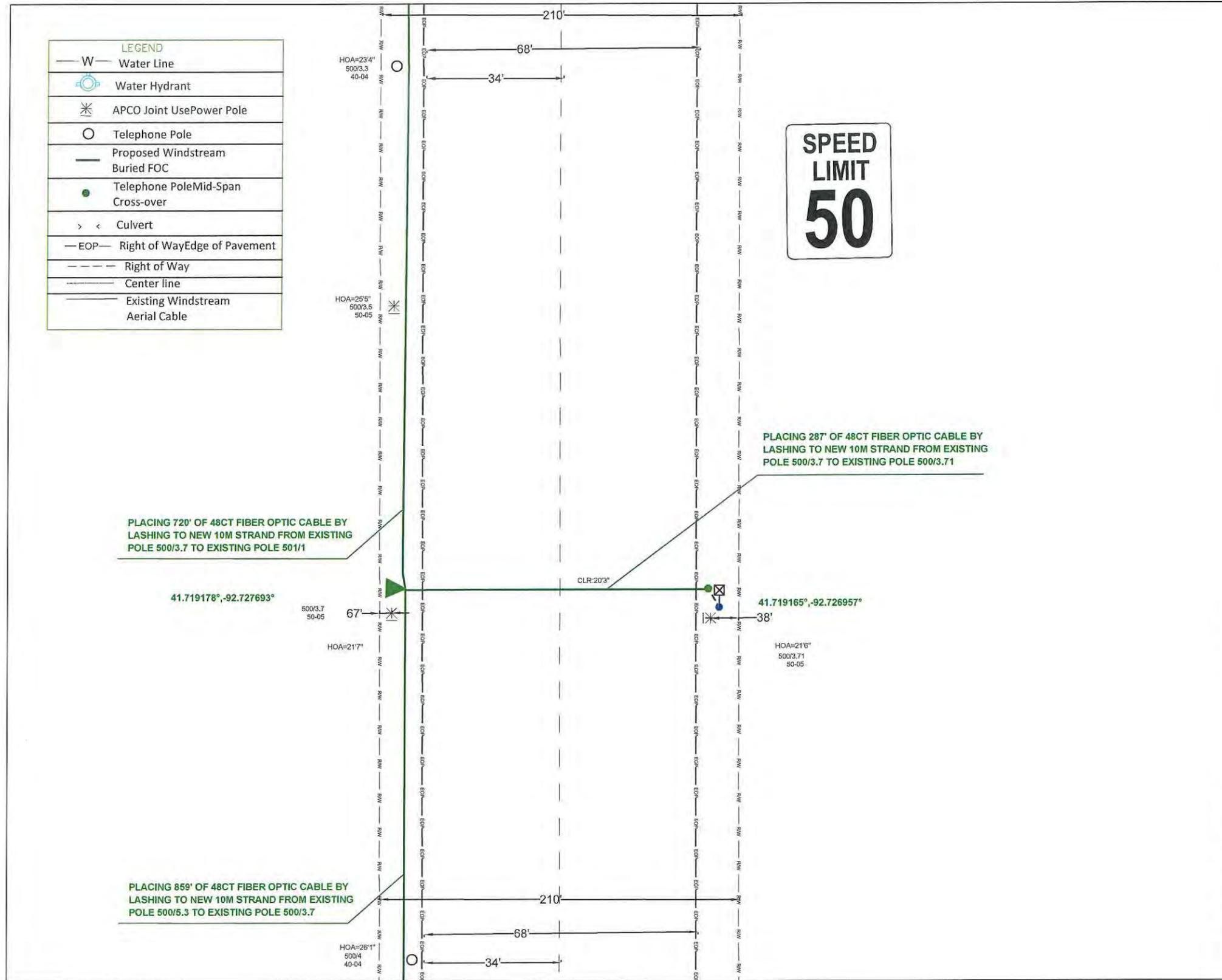
COMPANY: WINDSTREAM
 SYSTEM: GRINNELL, IA
 PROJECT NUMBER: 713392420
 DESCRIPTION:
 SESB1967
 VERTEX_6147_SERVING_AREA

MAP: A-3

CYIENT INC

A-3

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 —	Right of Way Edge of Pavement
---	Right of Way
---	Center line
—	Existing Windstream Aerial Cable



SPEED
LIMIT
50

PLACING 720' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND FROM EXISTING POLE 500/3.7 TO EXISTING POLE 501/1

PLACING 287' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND FROM EXISTING POLE 500/3.7 TO EXISTING POLE 500/3.71

PLACING 859' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND FROM EXISTING POLE 500/5.3 TO EXISTING POLE 500/3.7

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWYN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967
VERTEX_6147_SERVING_AREA

MAP: A-4

CYIENT INC

A-5

A-4

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 —	Right of Way Edge of Pavement
-----	Right of Way
-----	Center line
-----	Existing Windstream Aerial Cable

HOA=23'1"
500/4.5
50-05

HOA=24'1"
500/4.7
55-04

PLACING 859' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND FROM EXISTING POLE 500/5.3 TO EXISTING POLE 500/3.7

IA-146 (WEST ST)

SPEED
LIMIT
50

A-6

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWYN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

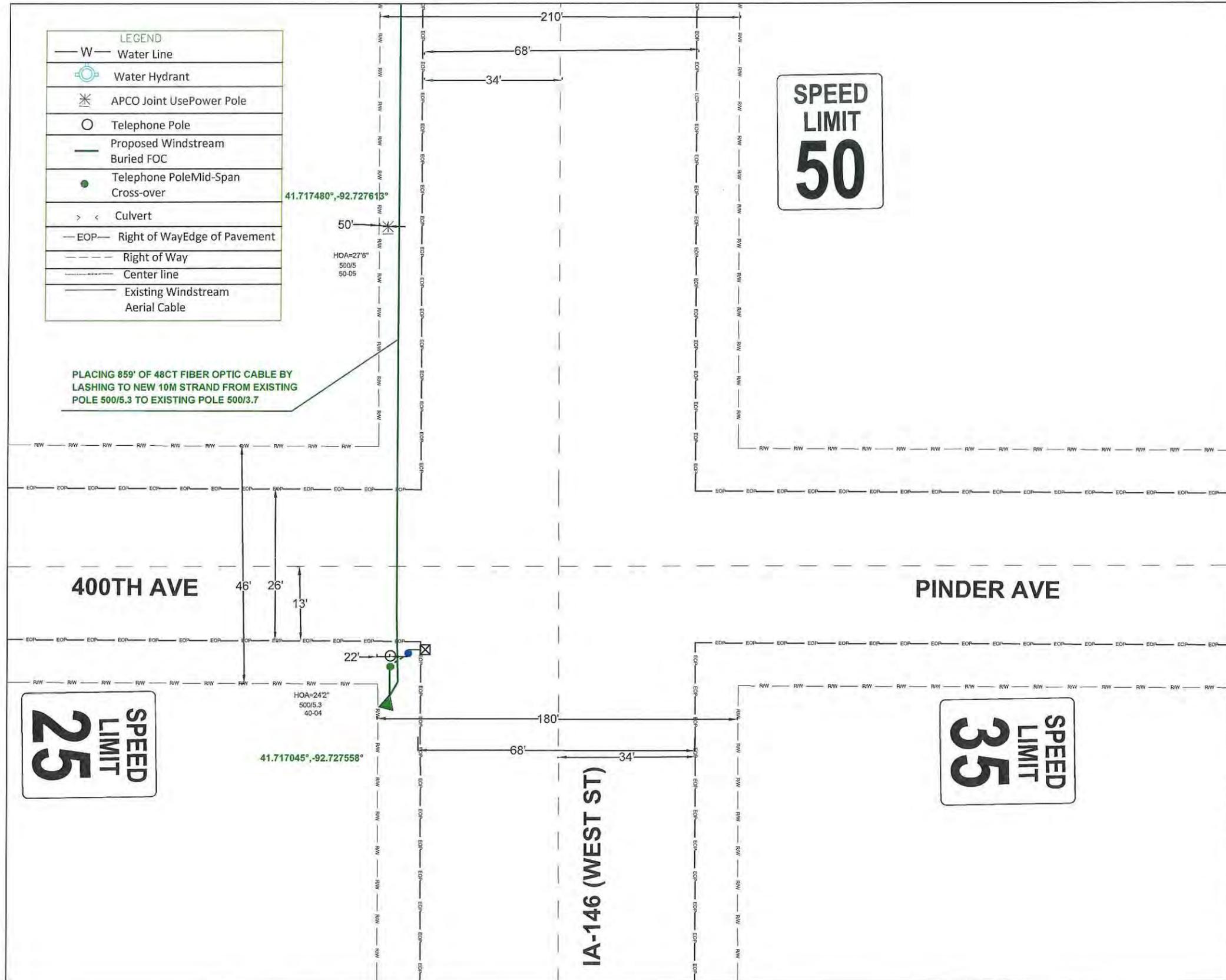
A-5

CYIENT INC

A-5

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 —	Right of Way Edge of Pavement
---	Right of Way
----	Center line
—	Existing Windstream Aerial Cable

PLACING 859' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND FROM EXISTING POLE 500/5.3 TO EXISTING POLE 500/3.7

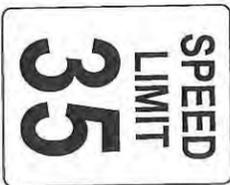


41.717480°, -92.727613°

HOA=27'6"
500/5
50-05

HOA=24'2"
500/5.3
40-04

41.717045°, -92.727558°



DATE CREATED:	02/03/2020
DATE REVISED:	
DRAWN BY:	CAMERON BALDWIN
 SCALE: 1:50	
COMPANY:	WINDSTREAM
SYSTEM:	GRINNELL, IA
PROJECT NUMBER:	713392420
DESCRIPTION:	SESB1967 VERTEX_6147_SERVING_AREA
MAP:	A-6
CYIENT INC	

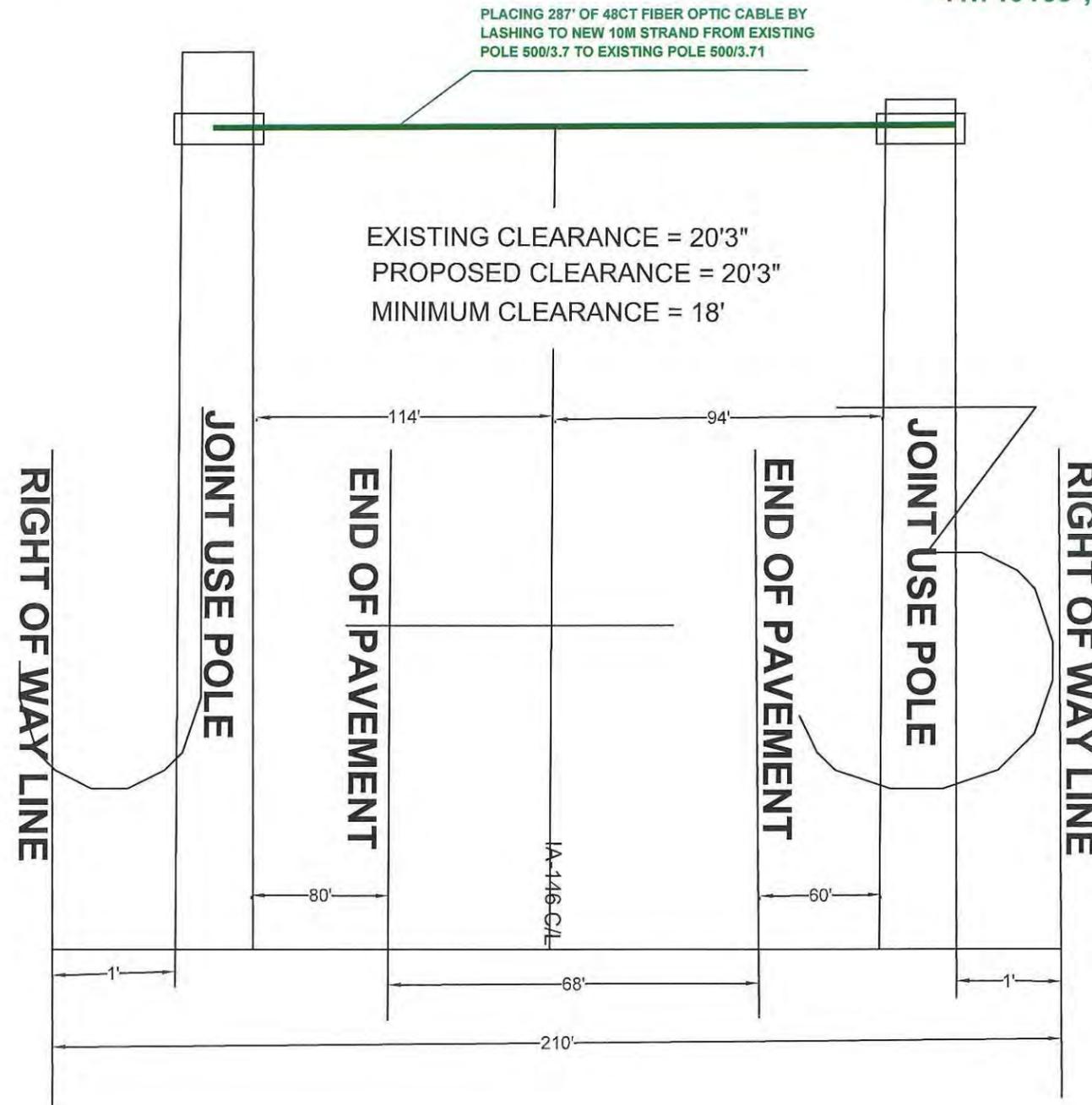
IA-146 (WEST ST) AERIAL CROSSING

41.719178°,-92.727693°

HOA=21'7"
500/3.7
50-05

41.719165°,-92.726957°

HOA=21'6"
500/3.71
50-05



DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

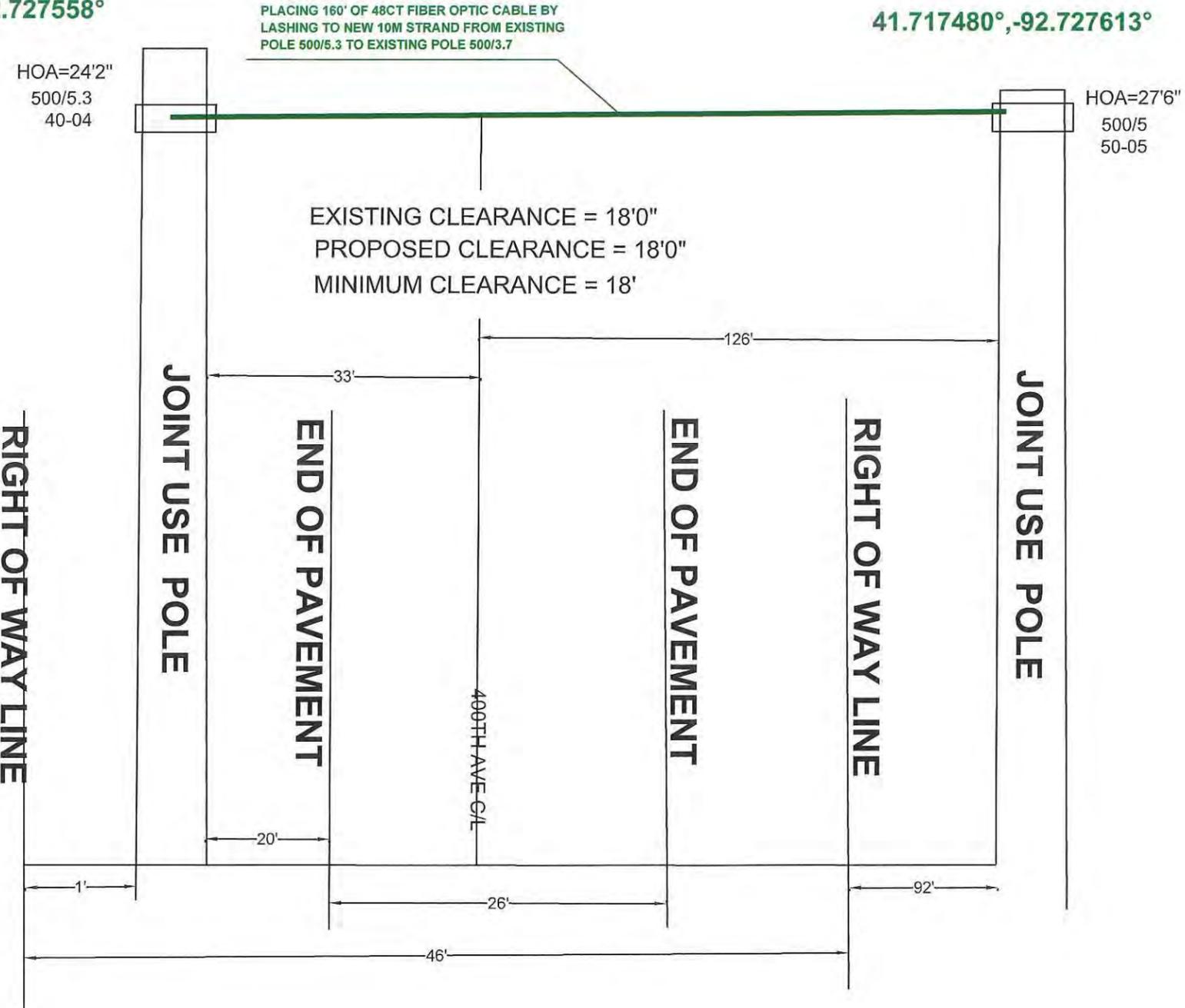
A-4 PROFILE

CYIENT INC

400TH ST AERIAL CROSSING

41.717045°,-92.727558°

41.717480°,-92.727613°



DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

A-6 PROFILE

CYIENT INC

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE
- DRUM
- WORK SPACE
- VERTICAL PANEL
- TYPE I OR II BARRICADES
- TYPE III BARRICADES

**FOR TEMPORARY ROAD CLOSURE,
ESTIMATED TIME OF COMPLETION
IS 10 MINUTES.**

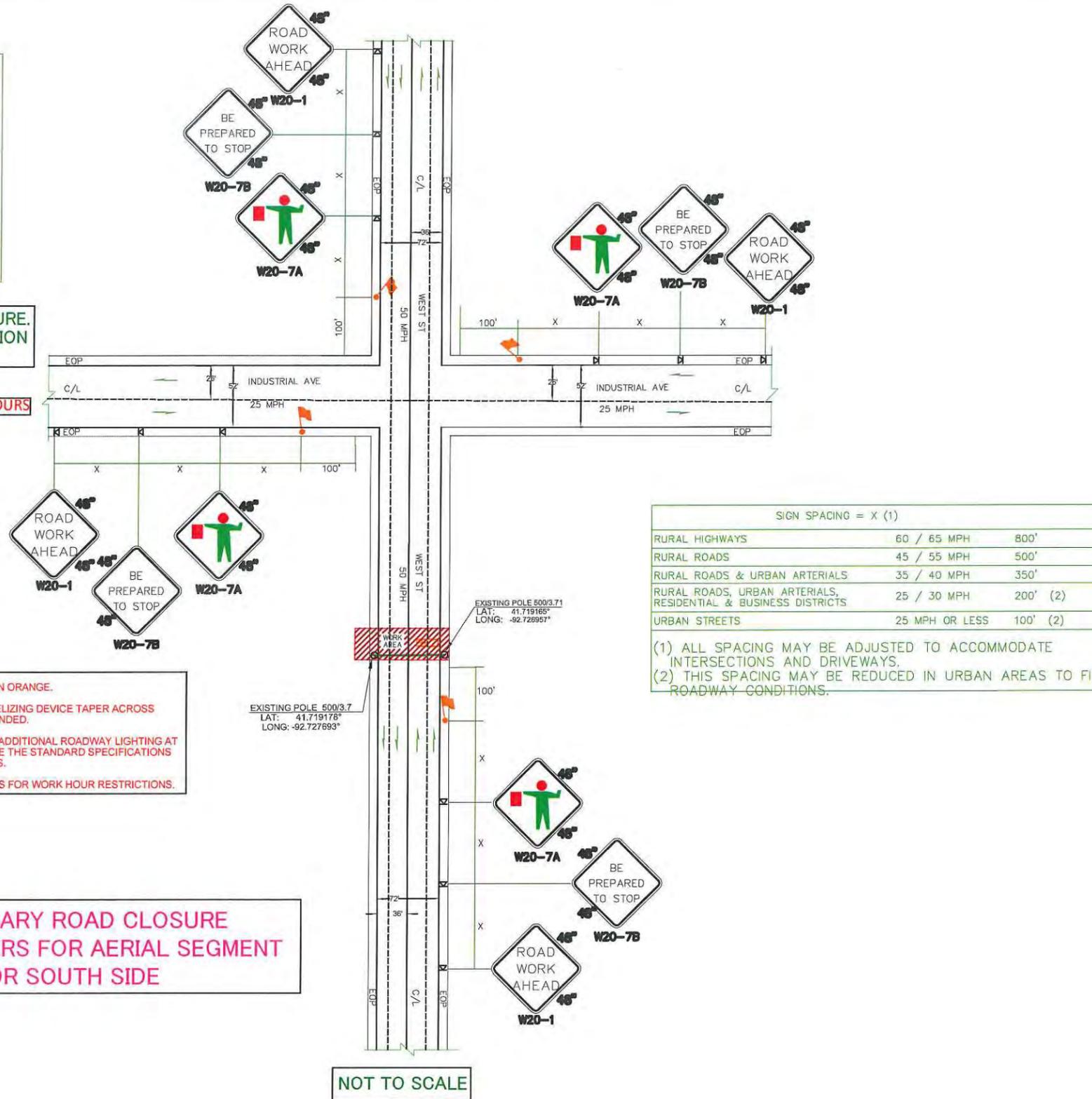
**SOUTH BOUND TRAFFIC LANE
ESTIMATED TIME OF CLOSURE=6 HOURS**

**CHANNELIZATION DEVICE
SPACING (FEET)**

MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

- NOTES:**
- ALL SIGNS ARE BLACK ON ORANGE.
 - EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 - NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
 - SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.

**TEMPORARY ROAD CLOSURE
WITH FLAGGERS FOR AERIAL SEGMENT
FOR SOUTH SIDE**



DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

TCP-3

CYIENT INC

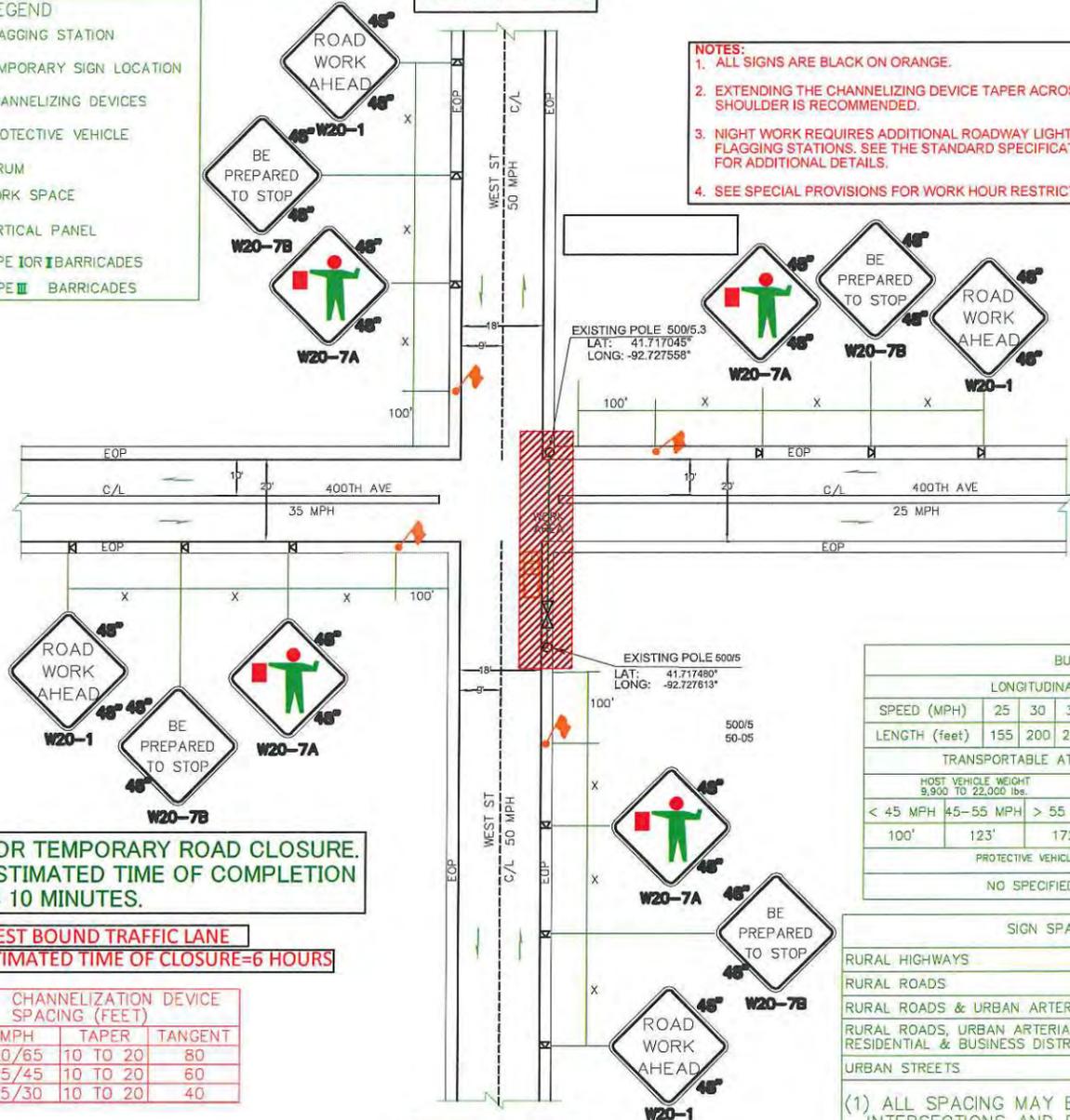
TEMPORARY ROAD CLOSURE WITH FLAGGERS FOR AERIAL SEGMENT FOR WEST SIDE

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE
- DRUM
- WORK SPACE
- VERTICAL PANEL
- TYPE I OR II BARRICADES
- TYPE III BARRICADES

NOT TO SCALE

- NOTES:**
- ALL SIGNS ARE BLACK ON ORANGE.
 - EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 - NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
 - SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.



FOR TEMPORARY ROAD CLOSURE. ESTIMATED TIME OF COMPLETION IS 10 MINUTES.

WEST BOUND TRAFFIC LANE
ESTIMATED TIME OF CLOSURE=6 HOURS

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	380	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.					HOST VEHICLE WEIGHT > 22,000 lbs.					
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	> 55 MPH	
100'	123'	172'	74'	100'	150'					
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)

RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' (2)
URBAN STREETS	25 MPH OR LESS	100' (2)

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

NOT TO SCALE

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

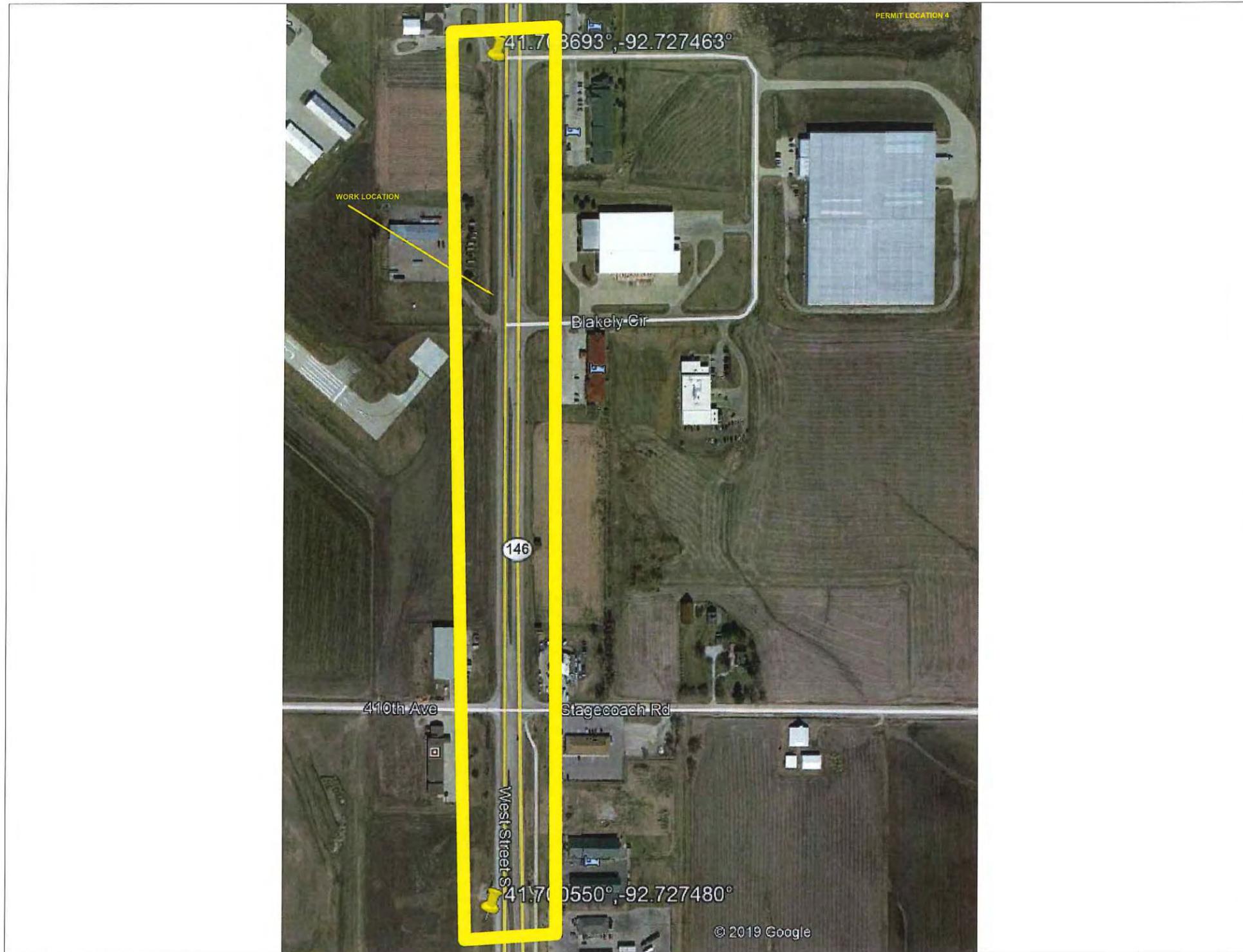
SESB1967

VERTEX_6147_SERVING_AREA

MAP:

TCP-4

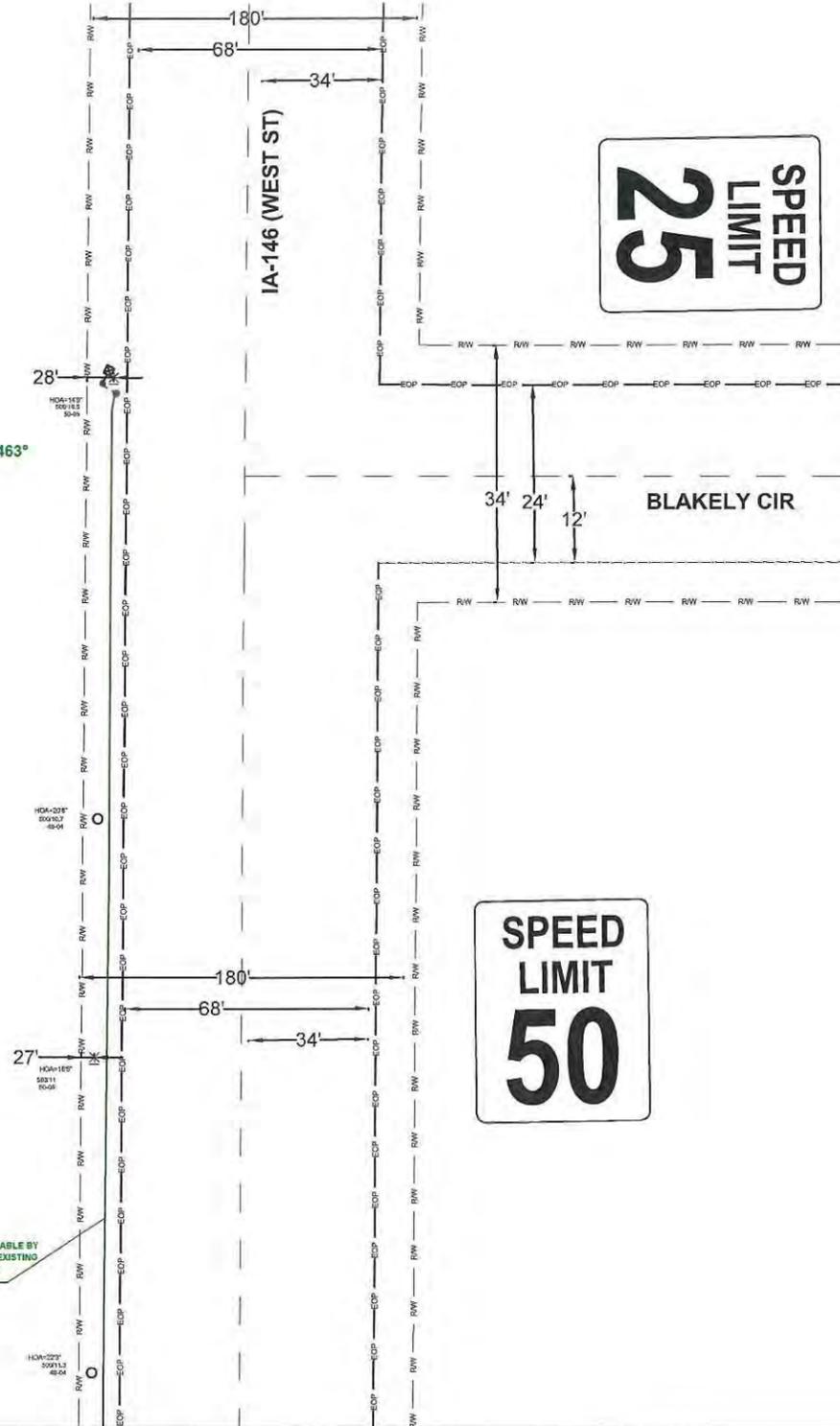
CYIENT INC



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 —	Right of Way Edge of Pavement
- - - -	Right of Way
- - - -	Center line
—	Existing Windstream Aerial Cable

41.708693°, -92.727463°

PLACING 75' OF 48CT FIBER OPTIC CABLE BY LASHING TO EXISTING CABLE FROM EXISTING POLE 011 TO EXISTING POLE 600/10.5



DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

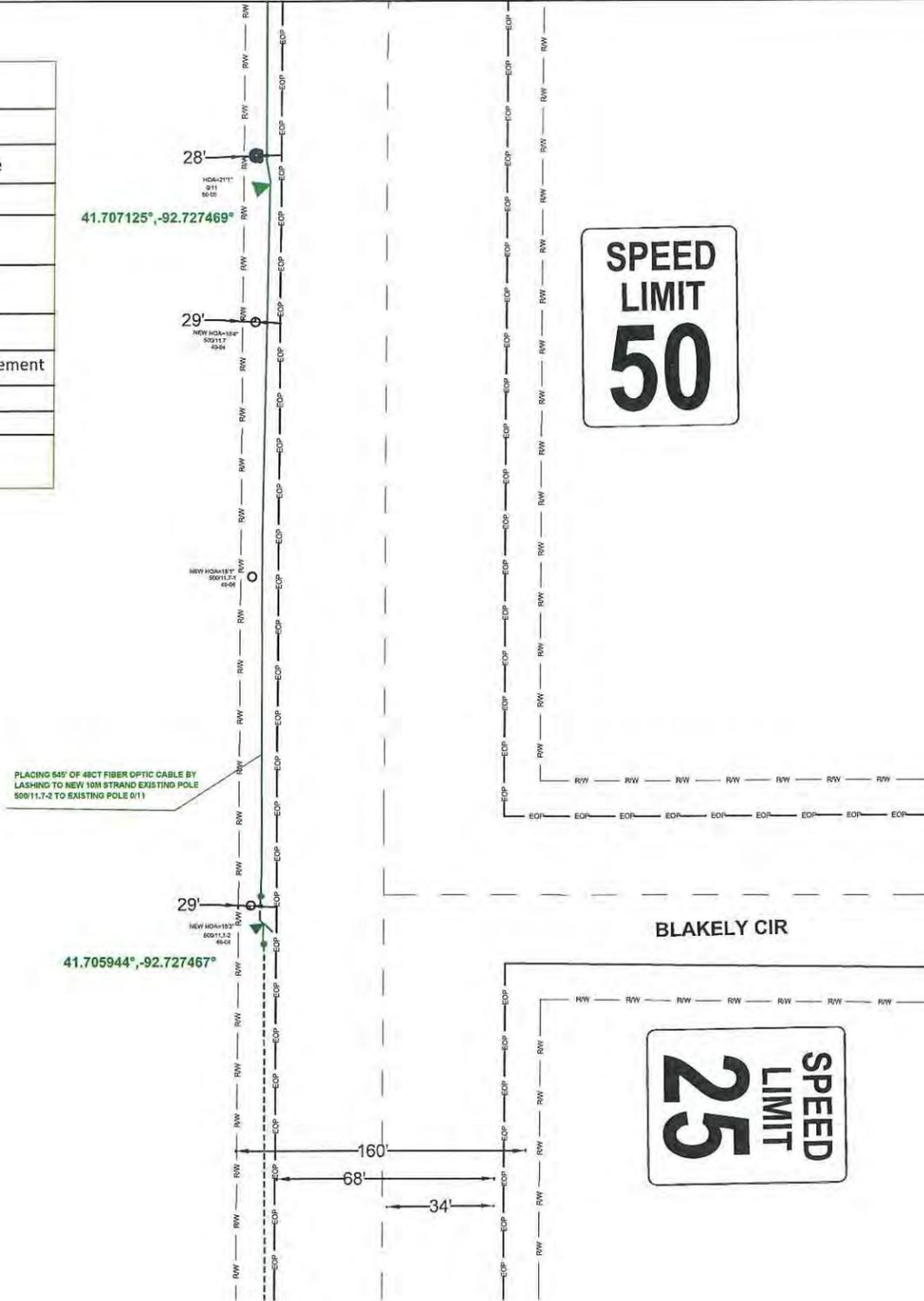
MAP:

A-7

CYIENT INC

A-7

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 —	Right of Way Edge of Pavement
- - - -	Right of Way
— C —	Center line
—	Existing Windstream Aerial Cable



DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWYN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

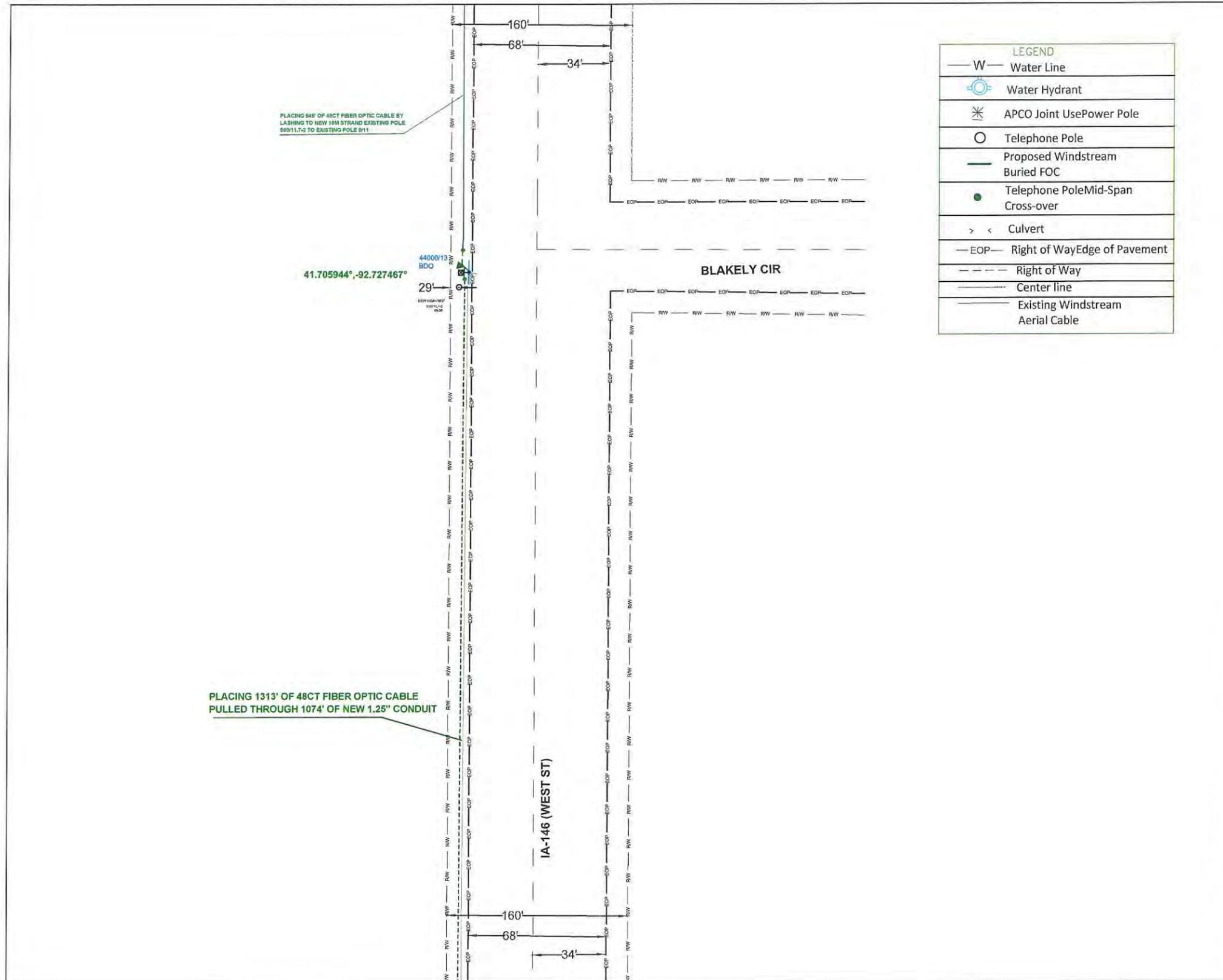
VERTEX_6147_SERVING_AREA

MAP:

A-8

CYIENT INC

A-8



PLACING 543' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 16M STRAND EXISTING POLE 50011.7-2 TO EXISTING POLE 911

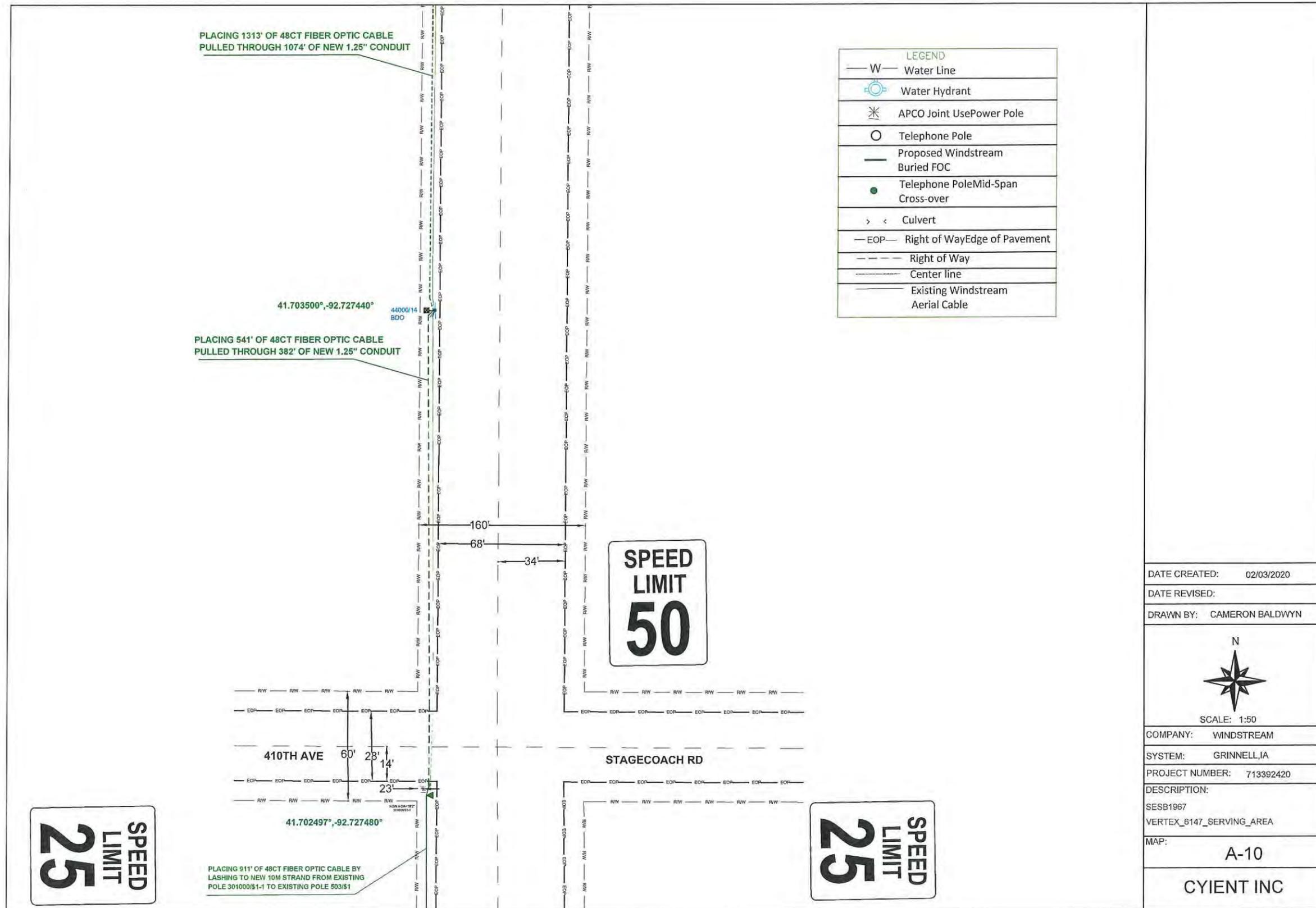
4400013 BDO
41.705944°, -92.727467°
29'

PLACING 1313' OF 48CT FIBER OPTIC CABLE PULLED THROUGH 1074' OF NEW 1.25" CONDUIT

A-10

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 —	Right of Way Edge of Pavement
- - - -	Right of Way
— — — —	Center line
	Existing Windstream Aerial Cable

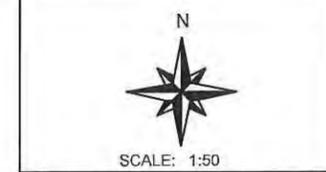
DATE CREATED:	02/03/2020
DATE REVISED:	
DRAWN BY:	CAMERON BALDWIN
 SCALE: 1:50	
COMPANY:	WINDSTREAM
SYSTEM:	GRINNELL, IA
PROJECT NUMBER:	713392420
DESCRIPTION:	SES1967 VERTEX_6147_SERVING_AREA
MAP:	A-9
CYIENT INC	



DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

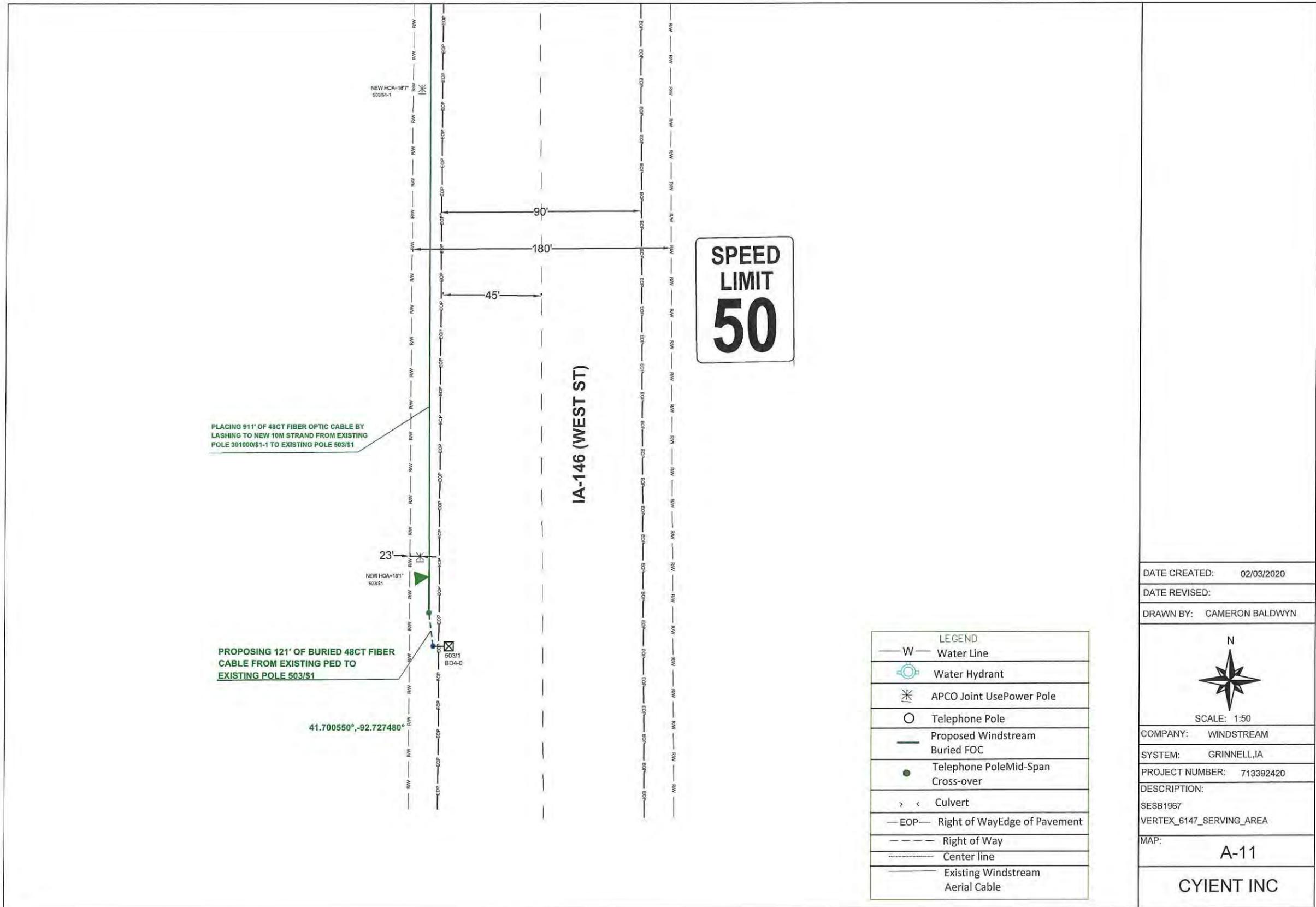
PROJECT NUMBER: 713392420

DESCRIPTION: SESB1967

VERTEX_8147_SERVING_AREA

MAP: A-10

CYIENT INC



PLACING 911' OF 48CT FIBER OPTIC CABLE BY LASHING TO NEW 10M STRAND FROM EXISTING POLE 301000/S1-1 TO EXISTING POLE 503/S1

PROPOSING 121' OF BURIED 48CT FIBER CABLE FROM EXISTING PED TO EXISTING POLE 503/S1

41.700550°, -92.727480°

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 —	Right of Way Edge of Pavement
---	Right of Way
-----	Center line
—	Existing Windstream Aerial Cable

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

A-11

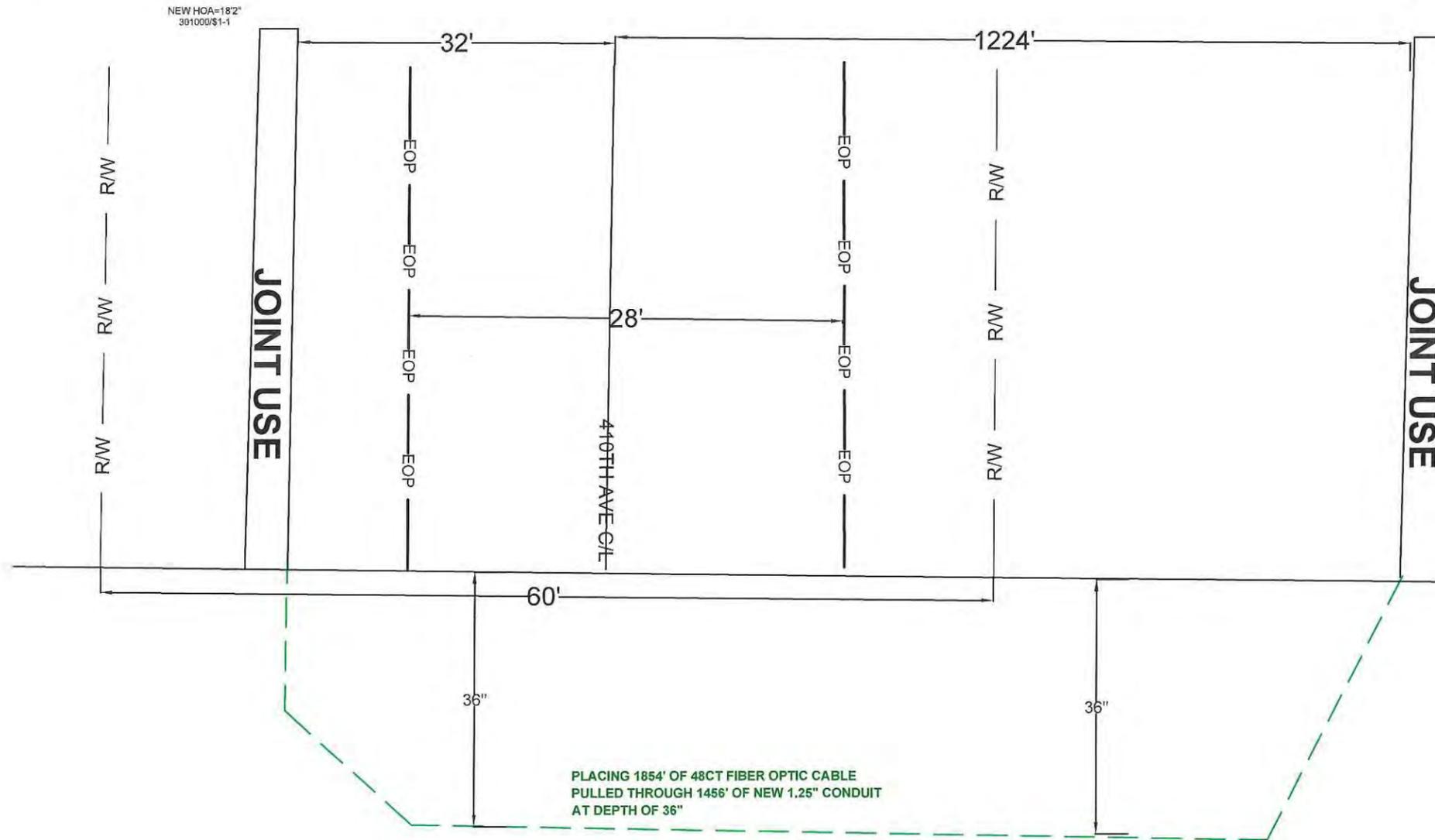
CYIENT INC

BURIED PROFILE OF 410TH AVE CROSSING

41.702497°,-92.727480°

41.705944°,-92.727467°

NEW HOA=18'2"
500/11.7-2
40-04



SIGN SPACING = X (1)

RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' (2)
URBAN STREETS	25 MPH OR LESS	100' (2)

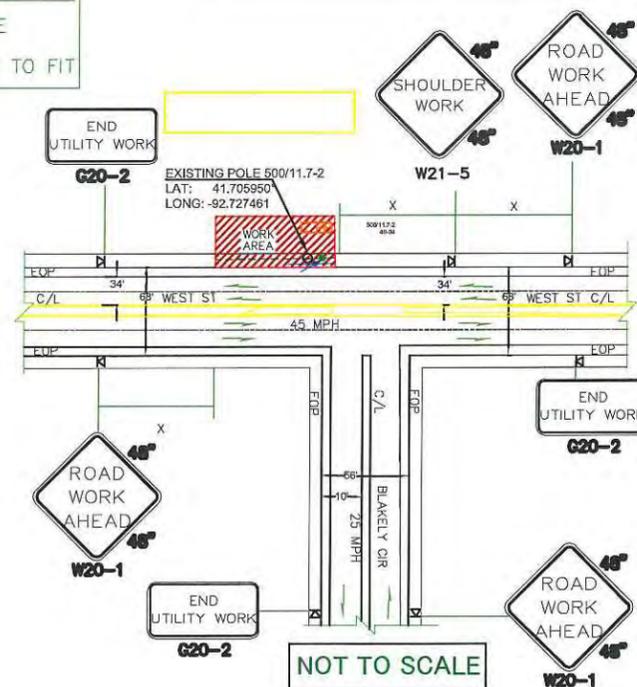
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

- NOTES:**
- ALL SIGNS ARE BLACK ON ORANGE.
 - EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 - NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
 - SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

WEST BOUND TRAFFIC LANE
ESTIMATED TIME OF CLOSURE=6 HOURS

**SHOULDER CLOSURE
TRAFFIC CONTROL
BURIED SEGMENT
FOR WEST SIDE**



LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE
- DRUM
- WORK SPACE
- VERTICAL PANEL
- TYPE I OR II BARRICADES
- TYPE III BARRICADES

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730

TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R

HOST VEHICLE WEIGHT	9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs.		
	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
PROTECTIVE VEHICLE (WORK VEHICLE) = R	100'	123'	172'	74'	100'	150'

NO SPECIFIED DISTANCE REQUIRED

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

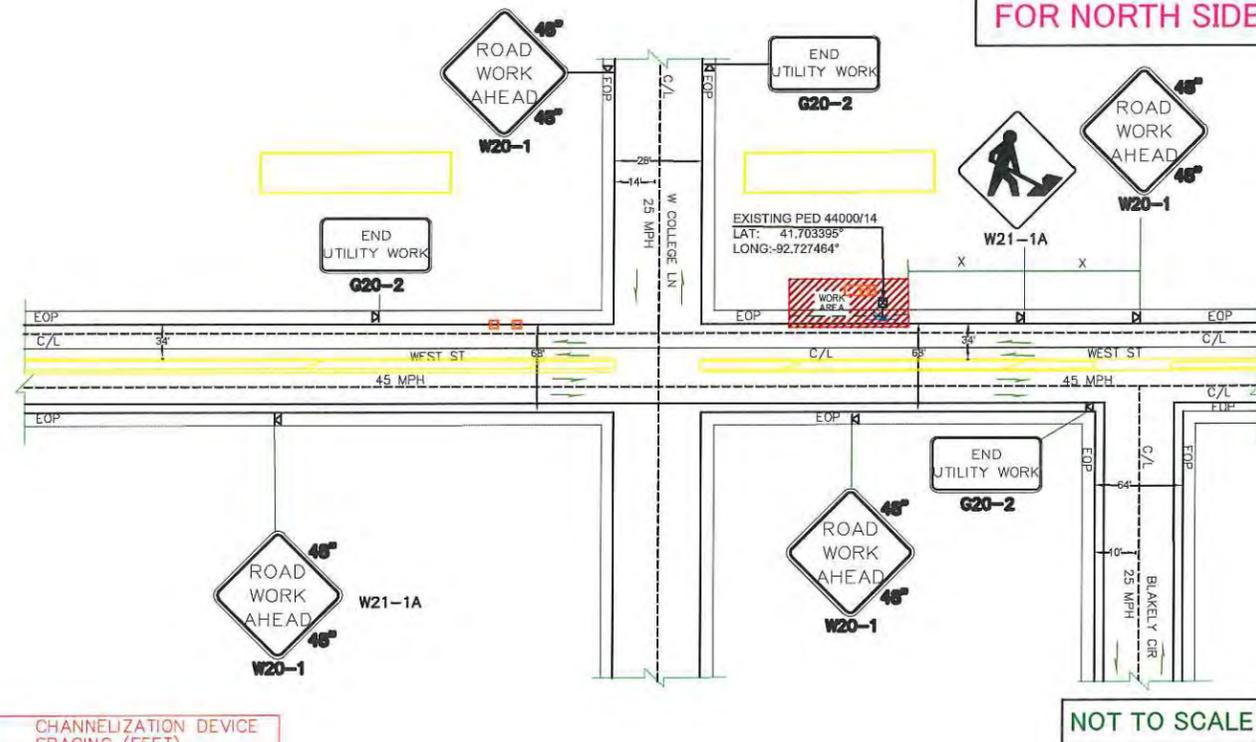
TCP-5

CYIENT INC

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' (2)
URBAN STREETS	25 MPH OR LESS	100' (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
 (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

**SHOULDER CLOSURE
 TRAFFIC CONTROL
 BURIED SEGMENT
 FOR NORTH SIDE**



CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

**NORTH BOUND TRAFFIC LANE
 ESTIMATED TIME OF CLOSURE=6 HOURS**

- NOTES:**
- ALL SIGNS ARE BLACK ON ORANGE.
 - EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 - NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
 - SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE
- DRUM
- WORK SPACE
- VERTICAL PANEL
- TYPE I OR I BARRICADES
- TYPE III BARRICADES

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.					HOST VEHICLE WEIGHT > 22,000 lbs.					
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH
100'	123'	172'	74'	100'	150'					
PROTECTIVE VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

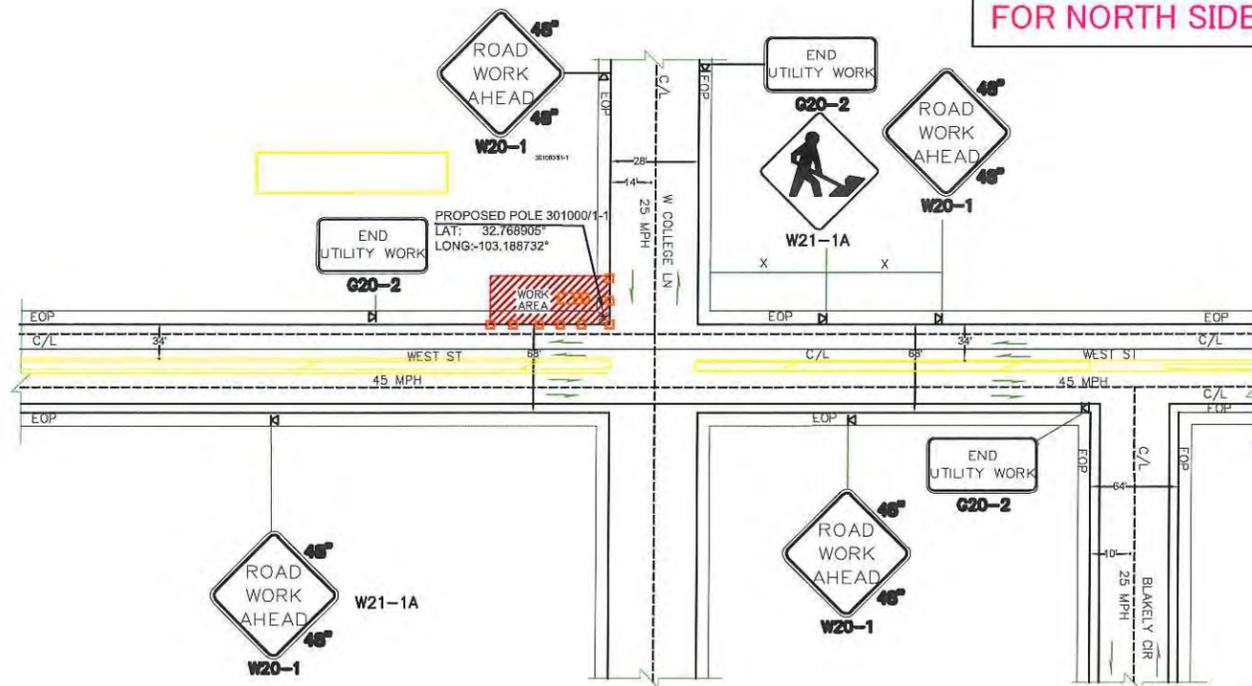
TCP-6

CYIENT INC

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60 / 65 MPH	800'
RURAL ROADS	45 / 55 MPH	500'
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350'
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' (2)
URBAN STREETS	25 MPH OR LESS	100' (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.
 (2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

**SHOULDER CLOSURE
 TRAFFIC CONTROL
 BURIED SEGMENT
 FOR NORTH SIDE**



NOT TO SCALE

CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50/65	10 TO 20	80
35/45	10 TO 20	60
25/30	10 TO 20	40

NORTH BOUND TRAFFIC LANE
ESTIMATED TIME OF CLOSURE=6 HOURS

- NOTES:**
- ALL SIGNS ARE BLACK ON ORANGE.
 - EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 - NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
 - SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.

LEGEND

- FLAGGING STATION
- TEMPORARY SIGN LOCATION
- CHANNELIZING DEVICES
- PROTECTIVE VEHICLE
- DRUM
- WORK SPACE
- VERTICAL PANEL
- TYPE I OR II BARRICADES
- TYPE III BARRICADES

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
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TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R										
HOST VEHICLE WEIGHT	9,900 TO 22,000 lbs.					HOST VEHICLE WEIGHT > 22,000 lbs.				
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH	PROTECTIVE VEHICLE (WORK VEHICLE) = R				
100'	123'	172'	74'	100'	150'	NO SPECIFIED DISTANCE REQUIRED				

DATE CREATED: 02/03/2020

DATE REVISED:

DRAWN BY: CAMERON BALDWIN



SCALE: 1:50

COMPANY: WINDSTREAM

SYSTEM: GRINNELL, IA

PROJECT NUMBER: 713392420

DESCRIPTION:

SESB1967

VERTEX_6147_SERVING_AREA

MAP:

TCP-7

CYIENT INC

VENDOR SET: 01 City of Grinnell, IA

O P E N I T E M R E P O R T

BANK: ALL

REPORTING: PAID, UNPAID

P U B L I C A T I O N

=====PAYMENT DATES=====

=====ITEM DATES=====

=====POSTING DATES=====

PAID ITEMS DATES : 2/04/2020 THRU 3/02/2020 0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999

UNPAID ITEMS DATES : 0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999

VENDOR NAME	DESCRIPTION	GROSS AMOUNT
VEVOQUA WATER TECHNOLOGIES	BIOXIDE	9,369.32
FARM BUREAU LIFE INS CO	ANNUITY	625.00
FIRE SERVICE TRAINING BURE	FF2 CERT (ER)	50.00
FORBES OFFICE EQUIPMENT	SUPPLIES	141.53
GALE	BKS	208.72
GATOR EXCAVATING, INC.	SNOW RMVL	1,710.00
GISL	ENTRY FEES (TS)	417.00
GORDON FLESCHE COMPANY, INC	LASERFICHE SUPPORT	693.00
GRAINGER	SUPPLIES	94.13
GREATER POWESHIEK COMMUNIT	GREATER POWESHIEK FOUNDATION	80.00
GRINNELL AREA ARTS COUNCIL	STEW/COMM EVENTS	2,922.67
GRINNELL FIRESTONE	REP	2,171.58
GRINNELL IMPLEMENT STORE	PARTS	16.56
GRINNELL REC DEPARTMENT	CICS BB TOURNEY	1,055.00
GRINNELL ROTARY CLUB	KITES OVER GRINNELL	1,300.00
GRINNELL VOL FIRE DEPT	VOL PAY	2,719.96
GRINNELL VOLLEYBALL CLUB	VOLLEYBALL CLUB TOURNEY	1,110.00
GRINNELL-NEWBURG SCHOOL	CENTRAL STAGE DANCE INVTL	1,595.00
GRMC OCCUPATIONAL HEALTH S	PHYSICAL (VOL)	505.32
HACH COMPANY	SUPPLIES	729.64
HANSEN, ELIZABETH ANN	STRATEGIC PLANNING	1,146.10
HARRISON TRUCK CENTERS	PARTS	254.49
HEIMAN FIRE EQUIPMENT	FIRE HOOD SAMPLE	118.91
HERALD REGISTER	LEGAL - CC	307.28
HI-VIZ SAFETY	SIGNS	104.00
HICKENBOTTOM INC	SUPPLIES	413.42
HORN, RANDAL L.	WINDOW CLEANING	440.00
HOTSY CLEANING SYSTEMS	SUPPLIES	382.50
HUTCHINSON SALT COMPANY	SALT	14,622.59
HY-VEE INC	SUPPLIES	56.47
IAMU	DUES	972.00
ICAP	LIABILITY INS	338.00
IMFOA	DUES (AW)	100.00
INTERSTATE POWER & LIGHT C	728 MAIN ST LEASE	1.00
IOWA COMMUNICATIONS NETWORK	DATA LINE	8.33
IOWA FIRE EQUIPMENT CO	ANNUAL INSP BACKFLOW	127.50
IOWA LEAGUE OF CITIES	ECIC DUES	120.00
IOWA NARCOTICS OFFICERS AS	CONF REG (DJ/ZS)	500.00
IOWA ONE CALL	LOCATES	35.30
IOWA PUMP WORKS, INC.	REPL PUMP	4,355.21
IPERS	IPERS	30,285.58
JD FINANCIAL - THEISEN'S	SUPPLIES	302.80
JD FINANCIAL-VAN WALL	PARTS	359.19
JOHNSON CONTROLS FIRE PROT	FIRE ALARM MONITORING	385.00

VENDOR SET: 01 City of Grinnell, IA

O P E N I T E M R E P O R T

BANK: ALL

REPORTING: PAID, UNPAID

P U B L I C A T I O N

=====PAYMENT DATES=====

=====ITEM DATES=====

=====POSTING DATES=====

PAID ITEMS DATES : 2/04/2020 THRU 3/02/2020

0/00/0000 THRU 99/99/9999

0/00/0000 THRU 99/99/9999

UNPAID ITEMS DATES :

0/00/0000 THRU 99/99/9999

0/00/0000 THRU 99/99/9999

VENDOR NAME

DESCRIPTION

GROSS AMOUNT

	=====PAYMENT DATES=====	=====ITEM DATES=====	=====POSTING DATES=====
PAID ITEMS DATES :	2/04/2020 THRU 3/02/2020	0/00/0000 THRU 99/99/9999	0/00/0000 THRU 99/99/9999
UNPAID ITEMS DATES :		0/00/0000 THRU 99/99/9999	0/00/0000 THRU 99/99/9999

R E P O R T T O T A L S

	GROSS	PAYMENTS	BALANCE
PAID ITEMS	238,912.02	238,912.02CR	0.00
PARTIALLY PAID	0.00	0.00	0.00
UNPAID ITEMS	308,680.97	0.00	308,680.97
VOID ITEMS	0.00	0.00	0.00
** TOTALS **	547,592.99	238,912.02CR	308,680.97

U N P A I D R E C A P

UNPAID INVOICE TOTALS	309,806.06
UNPAID DEBIT MEMO TOTALS	0.00
UNAPPLIED CREDIT MEMO TOTALS	1,125.09CR
** UNPAID TOTALS **	308,680.97

VENDOR SET: 01 City of Grinnell, IA

O P E N I T E M R E P O R T

BANK: ALL

REPORTING: PAID, UNPAID

P U B L I C A T I O N

	=====PAYMENT DATES=====	=====ITEM DATES=====	=====POSTING DATES=====
PAID ITEMS DATES :	2/04/2020 THRU 3/02/2020	0/00/0000 THRU 99/99/9999	0/00/0000 THRU 99/99/9999
UNPAID ITEMS DATES :		0/00/0000 THRU 99/99/9999	0/00/0000 THRU 99/99/9999

FUND TOTALS

001	GENERAL FUND	129,147.76
002	VETERANS MEM - GEN	3,921.58
003	LIBRARY - GENERAL FUND	23,960.42
009	SPORTS AUTHORITY - GEN	7,060.00
010	BUILDING & PLANNING - GEN	6,374.71
103	LIBRARY FUND STATE - GEN	2,114.75
110	ROAD USE FUND - SPEC REV	45,899.30
112	T&A EMP BEN- SPEC REV	45,701.66
138	MED INS RESERVE - SPEC RV	1,710.00
140	MFPRSI MED ONLY - SPEC RV	133.93
145	HOTEL/MOTEL TAX - SPC REV	3,245.74
167	LIBRARY GIFTS - SPEC REV	2,933.81
315	CLNS FY 19-20	2,555.83
350	AIRPORT DEV - CAP PROJ	32,081.23
371	WATER TOWER PROJECT	352.00
377	16TH AVE BOX CULVERT	526.75
494	SAN EQMT REP FUND-SP RV	51,000.00
610	WATER FUND	75,403.72
620	SEWER OPERATION AND MAINT	62,542.41
630	STORM SEWER FUND	428.97
670	SOLID WASTE	50,498.42

GRAND TOTAL 547,592.99



**Grinnell FINANCE COMMITTEE Meeting
MONDAY, FEBRUARY 17, 2020 AT 7:00 A.M.
IN THE LARGE CONFERENCE ROOM ON THE 2ND FLOOR
OF THE CITY HALL**

TENTATIVE AGENDA

ROLL CALL: Wray (Chair), White, Bly. Also present: Mayor Agnew, Glenn Lyons, Matt Karjalahti, Russ Behrens, and Ann Wingerter.

PERFECTING AND APPROVAL OF AGENDA:

COMMITTEE BUSINESS:

1. White made the motion, second by Bly to recommend approval of Resolution No. 2020-28 - A resolution approving FY 2021 maximum property tax dollars. AYES: 3-0. Motion carried.
2. White, Bly to refer to 915 Main Street project to Historic Preservation for review and comment by the next council meeting. AYES: 3-0. Motion carried.

INQUIRIES: None.

The meeting was adjourned at 7:46 a.m.

JO WRAY, CHAIR

ATTEST:

ANNMARIE WINGERTER, CITY CLERK/FINANCE DIRECTOR



**GRINNELL PUBLIC SAFETY COMMITTEE MEETING
MONDAY, FEBRUARY 17, 2020 AT 5:30 P.M.
IN THE COUNCIL CHAMBERS ON 2ND FLOOR
OF THE CITY HALL**

TENTATIVE AGENDA

ROLL CALL: White (Chair), Hueftle-Worley, Davis. Also present: Jo Wray, Lamoyne Gaard, Dennis Reilly, Dan Sicard, Russ Behrens, and Ann Wingerter.

PERFECTING AND APPROVAL OF AGENDA: Approved as presented.

COMMITTEE BUSINESS:

1. Davis made the motion, second by Hueftle-Worley to recommend having staff draw up an ordinance amendment addressing animal waste. AYES: 3-0. Motion carried.
2. Davis made the motion, second by Hueftle-Worley to recommend approval of 24-hour parking for new parking lot located at 728 Main St. AYES: 3-0. Motion carried.
3. Hueftle-Worley made a motion, second by Davis to recommend reconvening the EMS task force and inviting all parties involved to a meeting. AYES: 3-0. Motion carried.

INQUIRIES: None.

The meeting was adjourned at 6:12 p.m.

JIM WHITE, CHAIR

ATTEST:

ANNMARIE WINGERTER, CITY CLERK/FINANCE DIRECTOR



**GRINNELL PLANNING COMMITTEE MEETING
MONDAY, FEBRUARY 17, 2020 AT 6:15 P.M.
IN THE COUNCIL CHAMBERS ON THE 2ND FLOOR OF
THE CITY HALL**

TENTATIVE AGENDA

ROLL CALL: Bly (Chair), Davis, Gaard. Also present: Mayor Agnew, Jim White, Jo Wray, Tom Lacina, Russ Behrens, and Ann Wingerter.

PERFECTING AND APPROVAL OF AGENDA: Approved as presented.

COMMITTEE BUSINESS:

1. Davis made the motion, second by Gaard to recommend approval of Tom Lacina's request for sidewalk structure on Broad Street with him continuing to work with staff to follow code requirements. AYES: 3-0. Motion carried.

INQUIRIES: None.

The meeting was adjourned at 6:28 p.m.

RACHEL BLY, CHAIR

ATTEST:

ANNMARIE WINGERTER, CITY CLERK/FINANCE DIRECTOR

VETERANS MEMORIAL COMMISSION
MONDAY, FEBRUARY 10, 2020 AT 5:15 P.M.
IN THE COMMUNITY ROOM
DRAKE COMMUNITY LIBRARY

MINUTES

Meeting was called to order at 5:15pm. Present: Leo Lease, Randy Hotchkin, Gwen Rieck, Dr. Teresa Coon Absent: Terry Stringfellow

1. **Perfecting Agenda:** Agenda approved. MOTION by Coon, second by Rieck, all ayes, motion carried.
2. **Approve Minutes:** Remove inaccurate motion by Stringfellow and second by Hotchkin under payment of bills (copy & paste error by city administration). Minutes from Monday, Jan. 13, 2020 approved as corrected. MOTION by Hotchkin, second by Coon, all ayes, motion carried.
3. **Monthly Budget Report:** Balance of \$67,782.00. MOTION to approve by Rieck, second by Coon, all ayes, motion carried.
4. **Greater Poweshiek Community Foundation:** Behrens reported a balance of \$403,850.00 includes donations paid, pledges, and levy
5. **Approval of bills:**
 - Alliant \$92.68 (paid 1/17/20)
 - Amperage INV 024913 \$7474.88 (paid 2/3/20)
 - Total Choice INV 197126 \$3.27 (paid 2/3/20)
 - Total Choice INV 197821 \$7.00MOTION to approve by Hotchkin, second by Coon, all ayes, motion carried.
6. **Amperage Marketing & Fundraising Update:** Next meeting February 19, 2020 at 5:30 p.m.
7. **RDG Architects Update:** no report
8. **Fundraising Steering Committee Update:** Lacina reported the date of April 16, 2020 to launch the public fundraising has been identified but approval of the date is required from the commission. MOTION to accept the date by Hotchkin, second by Coon, all ayes, motion carried.
9. **Veteran Walking Sticks Project – Update:** no report
10. **Inquiries:** none
11. **Adjournment:** MOTION by Coon, second by Rieck, all ayes, motion carried.

Next meeting: March 9, 2020 at the Drake Community Library, Community Room

MINUTES of the DRAKE COMMUNITY LIBRARY BOARD OF TRUSTEES
January 29, 2020, 5:15 p.m., Library Board Room

ROLL CALL: _X_Elfenbein _X_Hardin __Hammond _X_McFee
 _X_Pagliai _X_Rudolph _X_Swick Others present: _X_Neal

President Pagliai called the meeting to order at 5:15 p.m.

APPROVAL OF AGENDA: Swick moved and Elfenbein seconded approval of the agenda. Motion passed unanimously.

APPROVAL OF MINUTES: Rudolph moved and Swick seconded approval of the December 18, 2019 Regular Board Meeting minutes with correction for next meeting date to be January 29. Motion passed unanimously.

COMMUNICATIONS:

1. Endowment reports for November and December 2019 were received from the Greater Poweshiek Community Foundation. Fund balance, as of 12/31/2019, is \$128,349.45.
2. Email from TnT Tuckpointing providing a recommendation for work to repair the structural support surrounding the basement exit doorway.

REPORT OF DIRECTOR:

1. Statistical report was reviewed. A 2019 Gallup poll of national library usage compared to other American leisure activities was also reviewed. Among other statistics, the report showed an average of 10.5 library visits occur annually per person compared to 5.3 movie theater visits per person.
<https://news.gallup.com/poll/284009/library-visits-outpaced-trips-movies-2019.aspx>
2. Temitayo Wolff has started her service at the Library as an AmeriCorps Member through the Iowa State Department of Education's Educate and Elevate program targeting adult literacy. Wolff will focus efforts on adult digital literacy.
AmeriCorps Member Olivia Montgomery is continuing her work with the Grinnell Education Partnership program targeting youth literacy.

COMMITTEE REPORTS:

Building & Grounds – Elfenbein reported on the information received from TnT Tuckpointing regarding structural repairs to the basement door framework. This will require anchoring the lintel to the backup concrete wall. Estimate of \$2,500 - \$4,000 is to perform the structural repair. Replacement of cast stone and door frame would be additional cost if that is proven necessary.

Finance, Salary, & Personnel - Hardin reported on the January 15th budget talks with City Finance Committee. Line item expenditures were reviewed. The logistics of installing a flag pole were discussed as well as the impact of Mahaska Communication Group as a new Internet provider in Grinnell. Library funding from Poweshiek County is expected to be restored to FY19 levels in FY20 but is not guaranteed at the level for FY21.

Long Range Planning – none
Policy – none

TRUSTEE REPORTS: None.

FINANCIAL REPORT AND APPROVAL OF BILLS: Financials were reviewed. Hardin moved and McFee seconded the approval of bills payable in February. Motion passed unanimously.

OLD BUSINESS: None.

NEW BUSINESS:

Rudolph moved and Hardin seconded the review process for the following three policies with minor citation revision for the Internet and Wireless Policy.

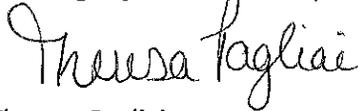
- Materials Selection Policy
- Internet and Wireless Policy
- Policy on Unattended Children

Motion passed unanimously.

TRUSTEE CONTINUING EDUCATION:

Trustees attended the Iowa Libraries Online Conference webinar "What's Your Role in Project Management?" on January 16, 2020. DCL trustees expressed their appreciation for the director's role in managing many library projects simultaneously.

Meeting adjourned at 6:55 p.m.



Theresa Pagliai
Library Board President

Next meeting: February 26, 2020 at 5:15 p.m.



Karen Neal, Youth Services Director
Recording Secretary

Fund Balance as of January 31st, 2020
Central Park Campaign - 0121

	Current Period	YTD
Gifts	0.00	5,000.00
Investment Income (Loss)	0.67	(1.44)
	-----	-----
Total Revenues	0.67	4,998.56
Distributions	0.00	84,000.00
Administrative Cost Share	0.00	250.00
Printing & Reproduction	0.00	2.16
	-----	-----
Total Expenses	0.00	84,252.16
	-----	-----
Net Income (Loss)	0.67	(79,253.60)
	=====	=====
Beginning Fund Balance		101,891.09
Net Income (Loss)		(79,253.60)
Ending Fund Balance		22,637.49
Net Pledges Receivable		11,083.40

Central Park Campaign - 0121

Type	Name	Date	Amount
Gift	Jeff and Gina Finch	07/29/2019	1,000.00
Gift	Ramsey Weeks, Inc.	08/29/2019	4,000.00
** Total Gifts			5,000.00

Fund Balance as of January 31st, 2020
Grinnell Skatepark Campaign - 0053

	Current Period	YTD
Gifts	0.00	290.00
Investment Income (Loss)	(5.14)	30.81
	-----	-----
Total Revenues	(5.14)	320.81
Distributions	0.00	162,437.90
Administrative Cost Share	0.00	14.50
	-----	-----
Total Expenses	0.00	162,452.40
	-----	-----
Net Income (Loss)	(5.14)	(162,131.59)
	=====	=====
Beginning Fund Balance		162,437.90
Net Income (Loss)		(162,131.59)
Ending Fund Balance		306.31

Grinnell Skatepark Campaign - 0053

Type	Name	Date	Amount
Gift	Clem and Leona Bodensteiner	08/27/2019	50.00
Gift	Rachel Bly and Bob Hamilton	09/30/2019	60.00
Gift	Roger Hill and Vida Praitis	09/30/2019	60.00
Gift	Rachel Bly and Bob Hamilton	12/31/2019	60.00
Gift	Roger Hill and Vida Praitis	12/31/2019	60.00
** Total Gifts			290.00

Fund Balance as of January 31st, 2020
 Grinnell Veterans Memorial Commission Building Campaign - 0136

	Current Period	YTD
Gifts	0.00	25,685.00
Pledge Income	0.00	106,520.00
Investment Income (Loss)	6.96	61.76

Total Revenues	6.96	132,266.76
Administrative Cost Share	0.00	5,610.25
Bank Charges/Online Donation Fees	0.00	2.69
Office Supplies	0.00	48.45
On-Site Meeting Expenses	0.00	230.04
Postage	0.00	38.60
Printing & Reproduction	5.01	765.36

Total Expenses	5.01	6,695.39

Net Income (Loss)	1.95	125,571.37
=====		
Beginning Fund Balance		80,149.90
Net Income (Loss)		125,571.37
Ending Fund Balance		205,721.27
Net Pledges Receivable		114,204.00

Grinnell Veterans Memorial Commission Building Campaign - 0136

Type	Name	Date	Amount
Gift	Paul Levy	07/25/2019	1,000.00
Gift	Betty Hammond	08/07/2019	1,000.00
Gift	Clem and Leona Bodensteiner	08/27/2019	50.00
Gift	Dorothy W. Williams	09/26/2019	100.00
Gift	Rachel Bly and Bob Hamilton	09/30/2019	60.00
Gift	Michael Dalen	10/08/2019	100.00
Gift	Jo Ann Cogley-Hunter	10/08/2019	25.00
Gift	Eleanor Osland	10/10/2019	250.00
Gift	Nancy Hendrickson	10/15/2019	1,000.00
Gift	Darla Pearce	10/15/2019	10.00
Gift	Transfer from GPCF Spirit of Giving Event	10/31/2019	15.00
Gift	Larry and Peggy Black	11/07/2019	1,000.00
Gift	Larry and Peggy Black	11/07/2019	1,000.00
Gift	Dan and JoAnn Becker	11/25/2019	10,000.00
Gift	Miscellaneous Receipts	11/25/2019	15.00
Gift	Rachel Bly and Bob Hamilton	12/31/2019	60.00
Gift	The Merlin and Verna Manatt Family Foundation	12/31/2019	10,000.00
** Total Gifts			25,685.00
Pledge	Sarah Joan Baker	09/12/2019	30,000.00
Pledge	Bill Lannom	09/24/2019	750.00
Pledge	George and Sue Drake	10/01/2019	5,000.00
Pledge	John and Alice DeRooi	10/08/2019	1,500.00
Pledge	Bill Menner and Barb Tish	10/08/2019	2,520.00
Pledge	American Legion #53	12/16/2019	37,000.00
Pledge	Kent and Katherine McClelland	12/31/2019	25,000.00
Pledge	Raffety/Veldboom Family	12/31/2019	5,500.00
Pledge	George and JoAnn Britton	01/14/2020	1,500.00
** Total Pledges			108,770.00



February 19, 2020

City of Grinnell
520 4th Ave
Grinnell, IA 50112-2043

Dear Mayor Agnew,

In late December, Mediacom adjusted the Local Broadcast Station Surcharge (LBSS) on customer bills based on our best estimate of how much local broadcast stations like ABC, CBS, FOX and NBC would increase their rates for 2020. As the result of a new agreement recently reached with a broadcaster station owner in your area, Mediacom needs to adjust the LBSS to account for the rates being charged by the broadcast station owner under this new agreement.

Below is a summary of the updated LBSS charge that will go into effect or about March 22, 2020:

Product:	Old Rate:	New Rate:	Net Change:
Local Broadcast Station Surcharge	\$14.88	\$17.36	\$2.48

Mediacom appreciates the opportunity to continue to serve your community's telecommunications needs. If you have any questions, please contact me directly at 319-395-9699 ext. 3461 or lgrassley@mediacomcc.com.

Sincerely,

Lee Grassley
Senior Manager, Government Relations



**Grinnell FINANCE COMMITTEE Meeting
MONDAY, MARCH 2, 2020 AT 7:00 A.M.
IN THE LARGE CONFERENCE ROOM ON THE 2ND FLOOR
OF THE CITY HALL**

TENTATIVE AGENDA

ROLL CALL: Wray (Chair), White, Bly.

PERFECTING AND APPROVAL OF AGENDA:

COMMITTEE BUSINESS:

1. Consider resolution setting the public hearing on the budget estimate for FY21 beginning July 1, 2020 and ending June 30, 2021 (See Resolution No. 2020-29).
2. Consider resolution for monthly internal transfers of funds (See Resolution No. 2020-30).
3. Consider resolution for monthly transfers of funds for trust and agency (See Resolution No. 2020-31).

INQUIRIES:

ADJOURN:

RESOLUTION NO. 2020-29

RESOLUTION SETTING THE PUBLIC HEARING ON THE BUDGET ESTIMATE
FOR FISCAL YEAR BEGINNING JULY 1, 2020 AND ENDING JUNE 30, 2021

WHEREAS, the budget estimate summary of proposed receipts and expenditures has been prepared.

WHEREAS, the estimated total tax levy per \$1,000 valuation on regular property is \$14.83076; and

WHEREAS, the estimated tax levy rate per \$1,000 valuation on agricultural land is \$3.00375.

NOW, THEREFORE, the City Council of the city of Grinnell does hereby set March 16, 2020 as the public hearing on the budget estimate and directs the City Clerk to publish the notice of the same according to law.

PASSED AND APPROVED THIS 2nd day of March 2020.

DAN F. AGNEW, MAYOR

ATTEST:

ANNMARIE WINGERTER, CITY CLERK/FINANCE DIRECTOR

NOTICE OF PUBLIC HEARING BUDGET ESTIMATE

FISCAL YEAR BEGINNING JULY 1, 2020 - ENDING JUNE 30, 2021

City of Grinnell, Iowa

The City Council will conduct a public hearing on the proposed Budget at City Hall, 520 4th Ave
 on 03/16/2020 at 7:00 PM
(Date) xx/xx/xx (hour)

The Budget Estimate Summary of proposed receipts and expenditures is shown below.
 Copies of the the detailed proposed Budget may be obtained or viewed at the offices of the Mayor,
 City Clerk, and at the Library.

The estimated Total tax levy rate per \$1000 valuation on regular property \$ 14.83076
 The estimated tax levy rate per \$1000 valuation on Agricultural land is \$ 3.00375

At the public hearing, any resident or taxpayer may present objections to, or arguments in favor of, any part of the proposed budget.

641-236-2600
 phone number

Annmarie Wingerter
 City Clerk/Finance Officer's NAME

		Budget FY 2021	Re-estimated FY 2020	Actual FY 2019
		(a)	(b)	(c)
Revenues & Other Financing Sources				
Taxes Levied on Property	1	4,324,749	4,019,405	4,034,947
Less: Uncollected Property Taxes-Levy Year	2	0	0	0
Net Current Property Taxes	3	4,324,749	4,019,405	4,034,947
Delinquent Property Taxes	4	0	0	0
TIF Revenues	5	2,655,934	2,630,972	2,218,739
Other City Taxes	6	2,580,052	2,485,523	2,417,033
Licenses & Permits	7	4,050	5,550	8,132
Use of Money and Property	8	154,942	188,342	419,731
Intergovernmental	9	2,539,204	5,951,754	10,299,610
Charges for Fees & Service	10	6,328,555	6,139,389	5,608,071
Special Assessments	11	0	0	0
Miscellaneous	12	1,902,766	1,677,627	2,256,455
Other Financing Sources	13	685,000	4,125,120	425,000
Transfers In	14	4,746,035	5,650,296	7,070,256
Total Revenues and Other Sources	15	25,921,287	32,873,978	34,757,974
Expenditures & Other Financing Uses				
Public Safety	16	2,570,594	2,405,600	2,200,218
Public Works	17	1,594,184	1,546,315	2,577,929
Health and Social Services	18	2,000	2,000	1,000
Culture and Recreation	19	1,595,939	1,579,224	1,413,003
Community and Economic Development	20	1,437,301	1,265,818	889,832
General Government	21	2,253,877	2,170,304	2,161,103
Debt Service	22	2,560,956	2,642,914	2,541,716
Capital Projects	23	2,208,522	6,882,699	5,491,243
Total Government Activities Expenditures	24	14,223,373	18,494,874	17,276,044
Business Type / Enterprises	25	6,044,697	9,503,671	11,554,025
Total ALL Expenditures	26	20,268,070	27,998,545	28,830,069
Transfers Out	27	4,746,035	5,650,296	7,070,256
Total ALL Expenditures/Transfers Out	28	25,014,105	33,648,841	35,900,325
Excess Revenues & Other Sources Over (Under) Expenditures/Transfers Out	29	907,182	-774,863	-1,142,351
Beginning Fund Balance July 1	30	12,189,936	12,964,799	14,107,150
Ending Fund Balance June 30	31	13,097,118	12,189,936	12,964,799

RESOLUTION NO. 2020-30

RESOLUTION FOR MONTHLY INTERNAL TRANSFER FUNDS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRINNELL, IOWA:

The following transfer is hereby authorized:

FROM FUND

001.4-950.4.6790 GENERAL - \$ 69,245.03

TO FUND:

003-3.410.1.4790 GENERAL LIBRARY - \$ 69,245.03

PURPOSE OF TRANSFERS

To generate funds for March 2020 expenses incurred by Library per budget as approved by council with city claims for February.

PASSED AND APPROVED this 2nd day of March 2020.

Dan F. Agnew, Mayor

Attest:

Annamarie Wingerter, City Clerk/Finance Director

RESOLUTION NO. 2020-31

RESOLUTION TO TRANSFER FUNDS MONTHLY

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRINNELL, IOWA:

The following monthly transfer is hereby authorized:

FROM:

112 TRUST & AGENCY	Monthly Transfer	\$ 12,798.27
610 WATER	Monthly Transfer	1,277.80
620 SEWER	Monthly Transfer	1,592.40
630 STORM WATER	Monthly Transfer	178.23
670 SOLID WASTE	Monthly Transfer	689.68
		\$ 16,536.38

TO:

138 MEDICAL INSURANCE RESERVE	\$16,402.45
140 HEALTH INSURANCE ESCROW	133.93
	\$16,536.38

PURPOSE OF TRANSFERS

For medical insurance reserve and police/fire work comp monthly transfers as budgeted for FY20.

PASSED AND APPROVED this 2nd day of March 2020.

Dan F. Agnew, Mayor

Attest:

Annmarie Wingerter, City Clerk/Finance Director



**Grinnell PUBLIC WORKS AND GROUNDS Meeting
MONDAY, MARCH 2, 2020 AT 4:45 P.M.
IN THE 2ND FLOOR COUNCIL CHAMBERS OF
THE CITY HALL**

TENTATIVE AGENDA

ROLL CALL: Hueftle-Worley (Chair), Wray, Gaard.

PERFECTING AND APPROVAL OF AGENDA:

COMMITTEE BUSINESS:

1. Set public hearing date on the proposed contract documents (plans, specifications and form of contract) and estimate of cost for the construction of the 16th Avenue Culvert Replacement Project on March 16 at 7:00 p.m. and direct clerk to publish notice to bidders.
2. Consider resolution authorizing payment of contractor's pay request No. 6 in the amount of \$32,081.23 to Manatts, Inc. of Brooklyn, Iowa for the Runway Rehabilitation Project (See Resolution No. 2020-32).

INQUIRIES:

ADJOURNMENT:

NOTICE OF PUBLIC HEARING

NOTICE OF PUBLIC HEARING ON PROPOSED PLANS AND SPECIFICATIONS,
PROPOSED FORM OF CONTRACT AND ESTIMATE OF COST FOR THE
CONSTRUCTION OF THE 16TH AVENUE CULVERT REPLACEMENT PROJECT, FOR THE
CITY OF GRINNELL, IOWA.

At 7:00 P.M. on the 16th day of March, 2020, the City Council of said City will, in said Council Chambers, hold a hearing and said Council proposes to adopt plans, specifications, form of contract and estimate of cost and, at the time, date and place specified above, or at such time, date and place as then may be fixed, to act upon proposals and enter into a contract for the construction of the following improvements:

16TH AVENUE CULVERT REPLACEMENT PROJECT

Construct 16th Avenue Culvert Replacement Project including all labor, materials and equipment necessary for construction of a 57-foot long 10-foot x 5-foot Reinforced Concrete Box Culvert (RCBC) with headwalls with approximately 50 linear feet of 8-inch, 24-foot PCC pavement, surfacing removal, subbase preparation, modified subbase, 35 linear feet of 12-inch sanitary sewer replacement, sidewalks, culvert abandonment, and miscellaneous associated work, including cleanup.

At said hearing, the City Council will consider the plans, specifications, proposed form of contract, and estimated total cost for the project, the same now being on file in the office of the City Clerk, reference to which is made for a more detailed and complete description of the proposed improvements, and at said time and place the said Council will also receive and consider any objections to said plans, specifications, estimate of cost and form of contract made by any interested party.

This notice is given by order of the Council of the City of Grinnell, Iowa.

CITY OF GRINNELL, IOWA

Dan F. Agnew, Mayor

ATTEST:

Ann Wingerter, City Clerk

NPH-1

288149

NOTICE TO BIDDERS

NOTICE OF TAKING BIDS FOR THE CONSTRUCTION OF 16TH AVENUE CULVERT REPLACEMENT PROJECT FOR THE CITY OF GRINNELL, IOWA

Sealed proposals will be received by the City Clerk of the City of Grinnell, Iowa, in the Council Chambers, City Hall, 520 Fourth Avenue, Grinnell, Iowa 50112 until 2:00 P.M. on the 31st day of March 2020, for the construction of the 16th Avenue Culvert Replacement Project, as described in the plans and specifications therefor, now on file in the office of the City Clerk. Proposals will be opened and the amount of the bids announced by the City Clerk at the time and date specified above.

Also, at 7:00 P.M. on the 6th day of April 2020, the City Council of said City will, in said Council Chambers, or at such time, date and place as then may be fixed, to act upon proposals and enter into a contract for the construction of said improvements.

The location of the work to be done and the kinds and sizes of materials proposed to be used are as follows:

16TH AVENUE CULVERT REPLACEMENT PROJECT

Construct 16th Avenue Culvert Replacement Project including all labor, materials and equipment necessary for construction of a 57-foot long 10-foot x 5-foot Reinforced Concrete Box Culvert (RCBC) with headwalls with approximately 50 linear feet of 8-inch, 24-foot PCC pavement, surfacing removal, subbase preparation, modified subbase, 35 linear feet of 12-inch sanitary sewer replacement, sidewalks, culvert abandonment, and miscellaneous associated work, including cleanup.

All work and materials are to be in accordance with the proposed plans, specifications, form of contract and estimate of cost now on file in the office of the City Clerk of Grinnell, Iowa, and by this reference made a part thereof as though fully set out and incorporated herein.

All proposals in connection therewith shall be submitted to the City Clerk of said City on or before the time herein set for said letting. All proposals shall be made on official bidding blanks furnished by the City, and any alterations in the official form of proposal will entitle the Council, at its option, to reject the proposal involved from consideration. Each proposal shall be sealed and plainly identified.

Each proposal shall be made out on a blank form furnished by the municipality and must be accompanied in a sealed envelope by either (1) a certified or cashier's check drawn on a solvent Iowa bank or a bank chartered under the laws of the United States or a certified share draft drawn on a credit union in Iowa or chartered under the laws of the United

Notice to Bidders

States, in an amount equal to five percent (5%) of the bid, or (2) a bid bond executed by a corporation authorized to contract as a surety in the State of Iowa, in the penal sum of five percent (5%) of the bid.

The bid security should be made payable to the CITY OF GRINNELL, IOWA. The bid security must not contain any conditions either in the body or as an endorsement thereon. The bid security shall be forfeited to the City as liquidated damages in the event the successful bidder fails or refuses to enter into a contract within 10 days after the award of contract and post bond satisfactory to the City insuring the faithful fulfillment of the contract and the maintenance of said work, if required, pursuant to the provisions of this notice and other contract documents. Bidders shall use the bid bond form bound in the specifications.

By virtue of statutory authority, preference will be given to products and provisions grown and coal produced within the State of Iowa, and to Iowa domestic labor, to the extent lawfully required under Iowa Statutes.

The City Council reserves the right to reject any or all bids and to waive informalities or technicalities in any bid and to accept the bid which it deems to be in the best interest of the City.

The Council reserves the right to defer acceptance of any proposal for a period not to exceed thirty (30) calendar days from the date of letting.

The successful bidder will be required to furnish a bond in an amount equal to one hundred percent (100%) of the contract price, said bond to be issued by a responsible surety approved by the City Council and shall guarantee the faithful performance of the contract and the terms and conditions therein contained and shall guarantee the prompt payment for all materials and labor and protect and save harmless the City from claims and damages of any kind caused by the operations of the Contractor, and shall guarantee the work against faulty workmanship and materials for a period of four (4) years after its completion and acceptance by the City Council.

The work will commence within ten (10) days after date set forth in written Notice to Proceed and shall be completed no later than August 31, 2020.

Liquidated damages in the amount of Five Hundred Dollars (\$500.00) per consecutive calendar day will be assessed for each day that work shall remain uncompleted after the end of the contract period, with due allowance for extensions of the contract period due to conditions beyond the control of the Contractor.

Notice to Bidders

Payment to the Contractor for said improvements will be made in cash derived from the proceeds of the issuance and sale of such bonds and/or from such cash funds of the City as may be legally used for said purposes. Any combination of the above methods of payment may be used at the discretion of the City Council.

Payment to the Contractor will be on the basis of monthly estimates equivalent to ninety-five percent (95%) of the contract value of the work completed and payments made to material suppliers for materials ordered specifically for the project or delivered to the site during the preceding calendar month. Estimates will be prepared approximately 10 days prior to the first Monday of the following month by the Contractor, subject to the approval of the Engineer, who will certify to the City for payment. The City reviews and approves estimates on the first Monday of the month. Such monthly payments shall in no way be construed as an act of acceptance for any part of the work partially or totally completed. Upon completion of the work and its acceptance by the Council, the Contractor will be paid an amount which, together with previous payments, will equal ninety-five percent (95%) of the contract price of the contract. Final payment of the remaining five percent (5%) will be made not less than thirty-one (31) days after completion and acceptance by resolution of the City Council of the completed contract, subject to the conditions and in accordance with the provisions of Chapter 573 of the Code of Iowa, as amended. No such partial or final payments will be due until the Contractor has certified to the City that the materials, labor and services involved in each estimate have been paid for in accordance with the requirements stated in the specifications.

The City will issue a sales tax exemption certificate applicable for all materials purchased for the project.

Plans and specifications governing the construction of the proposed improvements, and also the prior proceedings of the City Council referring to and defining said proposed improvements are hereby made a part of this notice and the proposed contract by reference and the proposed contract shall be executed in compliance therewith.

Copies of said plans and specifications will be available by March 9, 2020 in the office of the City Clerk, for examination by bidders. Copies may be obtained from VEENSTRA & KIMM, INC., 3000 Westown Parkway, West Des Moines, Iowa 50266 at no charge.

Notice to Bidders

This notice is given by order of the Council of the City of Grinnell, Iowa.

CITY OF GRINNELL, IOWA

Dan F. Agnew, Mayor

ATTEST:

Ann Wingerter, City Clerk

NB-4

288149

RESOLUTION NO. 2020-32

A RESOLUTION AUTHORIZING PAYMENT OF CONTRACTOR'S PAY REQUEST NO. 6 IN THE AMOUNT OF \$32,081.23 TO MANATTS, INC OF BROOKLYN, IA FOR WORK COMPLETED ON THE RUNWAY REHABILITATION PROJECT

WHEREAS, the City of Grinnell did enter into a contract with Manatts, Inc. of Brooklyn, IA on September 6, 2018 and

WHEREAS, Pay Request No. 6 has been initiated by the City of Grinnell and Manatts Inc. of Brooklyn, IA; and

WHEREAS, the Project Engineer has verified completion of the project in accordance with the terms of the contract and recommends approval of Pay Request No. 6; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRINNELL, IOWA,

Section 1. That said improvements are hereby accepted as having been substantially completed in accordance with the said plans, specifications and contract. The City Clerk is hereby authorized and directed to make payment in the amount of \$32,081.23 to Manatts, Inc. of Brooklyn, IA.

Passed and adopted this 2nd day of March 2020.

Dan F. Agnew, Mayor

Attest:

Annmarie Wingerter, City Clerk/Finance Director

CONSTRUCTION PROGRESS REPORT

Project Description: Rehabilitate Runway Improvements
Grinnell Regional Airport
Grinnell, Iowa

Date of Contract: September 6, 2018

Estimate: No.: 6

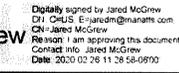
Completion Date:

Contractor: Manatt's, Inc.

Owner: City of Grinnell, Iowa

Base Contract Price	\$3,650,075.54	Construction Completed (See Attached Tab)	\$2,916,187.17
Change Order No. 1	-\$98,250.00	Stored Materials	\$191,441.21
		Total Amount Earned	\$3,107,628.38
		Less 5% Retainage	-\$155,381.42
		Subtotal	\$2,952,246.96
		Less Previous Payment	\$2,920,165.73
Total Contract Amount	\$3,551,825.54	AMOUNT DUE THIS ESTIMATE	\$32,081.23

Requested by Contractor:



Jared McGrew
Digitally signed by Jared McGrew
DN: cn=Jared McGrew
Reason: I am approving this document
Contact info: Jared McGrew
Date: 2020.02.26 11:28:58-0800
 Manatt's, Inc.

Project Manager

Title

2/26/2020

Date

Recommended by Engineer:


 Clapsaddle-Garber Associates, Inc.

Project Engineer

Title

2/26/2020

Date

Approved by Owner:

City of Grinnell

Title

Date

Tabulation of Construction Quantities
Rehabilitate Runway Improvements
Grinnell Regional Airport
Grinnell, Iowa

Period Ending: February 22, 2020
 Estimate No.: 6

Item No	Description	Unit	Unit Bid Price	Contract		Completed	
				Quantity	Amount	Quantity	Amount
1	Engineers Field Office	Months	\$600.00	12	\$7,200.00	3	\$1,800.00
2	Mobilization	LS	\$178,000.00	1	\$178,000.00	0.90	\$160,200.00
3	Traffic Control	LS	\$20,000.00	1	\$20,000.00	0.90	\$18,000.00
4	Pavement Removal	SY	\$3.00	43,000	\$129,000.00	42,600.00	\$127,800.00
5	Unclassified Excavation	CY	\$9.00	10,260	\$92,340.00	10,260	\$92,340.00
6	Remove and Replace Unsuitable Material	CY	\$20.00	1,000	\$20,000.00	0	\$0.00
7	Silt Fence Installation and Removal	LF	\$1.40	15,000	\$21,000.00	12,800	\$17,920.00
8	Silt Fence Cleanout	LF	\$0.05	15,000	\$750.00	0	\$0.00
9	Rolled Erosion Control Products	SQ	\$10.00	1,000	\$10,000.00	0	\$0.00
10	Temporary Seeding, Fertilizing and Mulching	Acre	\$250.00	10	\$2,500.00	0	\$0.00
11	Temporary Mulching for Erosion Control	Acre	\$800.00	10	\$8,000.00	0	\$0.00
12	Fly Ash Treated Subgrade, 12"	SY	\$3.35	45,000	\$150,750.00	0	\$0.00
13	Fly Ash	Ton	\$70.00	3,200	\$224,000.00	0	\$0.00
14	Base Course, 6"	SY	\$10.25	46,000	\$471,500.00	45,429.2	\$465,649.32
15	PCC Paving, 6"	SY	\$31.15	44,000	\$1,370,600.00	43,022.20	\$1,340,141.53
16	Tie-Down Anchors	EA	\$100.00	3	\$300.00	0	\$0.00
17	Pavement Markings, White, Temporary	SF	\$11.10	31,000	\$34,100.00	28,711	\$31,582.10
18	Pavement Markings, Yellow, Temporary	SF	\$2.00	1,800	\$3,600.00	1,690.00	\$3,380.00
19	Pavement Markings, White	SF	\$1.10	31,000	\$34,100.00	0	\$0.00
20	Pavement Markings, Yellow	SF	\$2.00	1,800	\$3,600.00	0	\$0.00
21	PCC Runway Pavement Grooving	SY	\$1.69	26,000	\$43,940.00	25,667.00	\$43,377.23
22	Storm Sewer Pipe Removal, 15" RCP	LF	\$23.00	192	\$4,416.00	192	\$4,416.00
23	6" HDPE Storm Sewer Pipe	LF	\$6.20	1,900	\$11,580.00	669	\$5,485.80
24	8" HDPE Storm Sewer Pipe	LF	\$9.30	2,700	\$25,110.00	2,463.00	\$22,905.90
25	15" RCP	LF	\$205.00	8	\$1,640.00	8	\$1,640.00
26	15" RCP Flared End Section	EA	\$2,000.00	1	\$2,000.00	1	\$2,000.00
27	18" RCP	LF	\$70.00	176	\$12,320.00	176	\$12,320.00
28	18" RCP Flared End Section	EA	\$1,800.00	2	\$3,600.00	2	\$3,600.00
29	4" Subdrain	LF	\$12.96	12,500	\$162,000.00	11,361	\$147,238.56
30	4" Field Tile Repair	LF	\$3.00	1,000	\$3,000.00	0	\$0.00
31	Field Tile Spot Repair	EA	\$350.00	20	\$7,000.00	1	\$350.00
32	Field Tile Connection to Existing Tile or Culvert	EA	\$500.00	10	\$5,000.00	1	\$500.00
33	Seeding, Fertilizing and Mulching	Acre	\$1,850.00	10	\$18,500.00	13.85	\$25,622.50
34	Topsoil Borrow (Furnished From Off Site)	CY	\$20.00	520	\$10,400.00	0	\$0.00
35	L-801A, Class II, Airport Rotating Beacon, in place	EA	\$6,932.80	1	\$6,932.80	0	\$0.00
36	55" Tip Down Rotating Beacon Tower and Foundation	EA	\$25,870.25	1	\$25,870.25	0.20	\$5,174.05
37	L-806 (L), LED, Style I-B, Internally Lighted, Size 1, Supplemental Wind Cone	EA	\$4,015.45	1	\$4,015.45	0	\$0.00
38	L-807 (L), LED, Style I-B, Internally Lighted, Size 2, Primary Wind Cone	EA	\$5,955.49	1	\$5,955.49	0	\$0.00
39	No. 4 AWG, 600V, L-824, THWN-2, Type C Cable, Installed in Trench, Duct or Conduit	LF	\$1.03	14,000	\$14,420.00	0	\$0.00
40	No. 4 AWG, 600V, L-824, THWN-2, Type C Equipment Ground Cable, Installed in Trench, Duct or Conduit	LF	\$0.84	7,000	\$5,880.00	0	\$0.00
41	No. 8 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Including Ground Rods and Connectors	LF	\$1.05	19,000	\$19,950.00	653	\$685.65
42	No. 8 AWG, 5KV, L-824, Type C Cable, Installed in Trench, Duct or Conduit	LF	\$0.86	23,000	\$19,780.00	0	\$0.00
43	No. 10 AWG, 600V, L-824, THWN-2, Type C Cable, Installed in Trench, Duct or Conduit	LF	\$0.43	3,500	\$1,505.00	0	\$0.00
44	No. 10 AWG, 600V, L-824, THWN-2, Type C Equipment Ground Cable, Installed in Trench, Duct or Conduit	LF	\$0.34	1,700	\$578.00	0	\$0.00
45	Step-Up Transformer, 10KVA, 120/240V-240/480V With 30A Fused Disconnect, AWOS Circuit	EA	\$1,781.27	1	\$1,781.27	0.90	\$1,603.14
46	Step-Down Transformer, 10KVA, 240/480V-120/240V With 30A Fused Disconnect, AWOS Circuit	EA	\$1,417.06	1	\$1,417.06	0	\$0.00
47	Buck-Boost Transformer, 1 10 KVA, 120/240V-12/24V, PAPI Circuit	EA	\$638.75	1	\$638.75	0.90	\$574.88
48	Airfield Vault Enclosure - Complete Operational System	EA	\$81,672.33	1	\$81,672.33	0.90	\$55,505.10
49	L-828 Constant Current Regulator, 10kw, Class I, Style I, Ferrarsonant	EA	\$3,306.40	2	\$6,612.80	1.80	\$14,951.52
50	Airfield Lighting Control Panel, Receiver Interface Unit, Lighting Contactor Panel	LS	\$19,519.98	1	\$19,519.98	0.90	\$17,567.88
51	Vault Grounding for Lightning Protection	LS	\$2,280.00	1	\$2,280.00	0.5	\$1,140.00
52	Vault Building Controls	LS	\$2,316.30	1	\$2,316.30	0	\$0.00
53	L-854, Air to Ground Radio Control Equipment, Type I, Style A	EA	\$2,618.06	1	\$2,618.06	0	\$0.00
54	1 Way 2 Inch Schedule 40 PVC Conduit, Including Trenching and Backfill	LF	\$2.72	19,000	\$51,680.00	0	\$0.00
55	2 Way 2 Inch Schedule 40 PVC Conduit, Including Trenching and Backfill	LF	\$3.57	200	\$714.00	0	\$0.00
56	3 Way 2 Inch Schedule 40 PVC Conduit, Including Trenching and Backfill	LF	\$3.92	300	\$1,176.00	0	\$0.00
57	4 Way 2 Inch Schedule 40 PVC Conduit, Including Trenching and Backfill	LF	\$5.14	300	\$1,542.00	0	\$0.00
58	5 Way 2 Inch Schedule 40 PVC Conduit, Including Trenching and Backfill	LF	\$6.79	700	\$4,753.00	0	\$0.00
59	1 Way 2 Inch Schedule 40 PVC Conduit, Encased in Concrete, including trench and backfill	LF	\$9.38	420	\$3,939.60	417.50	\$3,916.15
60	2 Way 2 Inch Schedule 40 PVC Conduit, Encased in Concrete, including trench and backfill	LF	\$13.28	190	\$2,523.20	187	\$2,483.36
61	4 Way 2 Inch Schedule 40 PVC Conduit, Encased in Concrete, including trench and backfill	LF	\$27.66	50	\$1,383.00	49	\$1,355.34
62	1 Way 2 Inch HDPE Conduit, Directionally Bored	LF	\$12.29	310	\$3,809.90	0	\$0.00
63	L-867 Electrical Handhole, Size D, 24" Deep	EA	\$597.45	10	\$5,974.50	0	\$0.00
64	Can Plaza with Two L-867 Electrical Hand Holes, Size D, 24" Deep	EA	\$2,800.41	2	\$5,600.82	0	\$0.00
65	Can Plaza with Three L-867 Electrical Hand Holes, Size D, 24" Deep	EA	\$3,265.80	1	\$3,265.80	0	\$0.00
66	Can Plaza with Four L-867 Electrical Hand Holes, Size D, 24" Deep	EA	\$4,000.81	2	\$8,001.62	0	\$0.00
67	Can Plaza with Five L-867 Electrical Hand Holes, Size D, 24" Deep	EA	\$6,381.83	3	\$19,145.49	0	\$0.00
68	L-861 (L) MIRL, LED, 24" Tall, Base Mounted Runway Edge Light w/ Artic Kit	EA	\$803.62	45	\$36,162.90	0	\$0.00
69	L-861E (L) MIRL, LED, 24" Tall, Base Mounted Runway Threshold Light w/ Artic Kit	EA	\$842.40	32	\$26,956.80	0	\$0.00
70	L-861T (L) MIRL, LED, 24" Tall, Base Mounted Taxiway Edge Light w/ Artic Kit	EA	\$782.46	75	\$58,684.50	0	\$0.00
71	L-858R (L) Guidance Sign, LED, Size 2, Style 2, Single Face, 1 Module	EA	\$2,291.20	3	\$6,873.60	0	\$0.00
72	L-849L (L) REIL, LED, Style C System	EA	\$13,012.36	2	\$26,024.72	0	\$0.00
73	L-881V, PAPI, Style A, Class II System	EA	\$20,486.63	2	\$40,973.26	0	\$0.00
74	Demolition of Existing Vault	LS	\$4,320.00	1	\$4,320.00	0	\$0.00
75	Demo and Removal of Existing Edge Lighting Systems, REIL, PAPI, Windcone and Beacon	LS	\$13,950.00	11	\$13,950.00	0.95	\$13,252.50
76	Spare Parts - Breakable Couplings for Runway Edge Lights	EA	\$9.14	12	\$109.68	0	\$0.00
77	Spare Parts - L-861 (L) MIRL, LED, Runway Edge Light Top Assembly w/ Artic Kit	EA	\$123.66	4	\$494.64	0	\$0.00
78	Spare Parts - L-861E (L) MIRL, LED, Threshold Light Top Assembly w/ Artic Kit	EA	\$123.66	2	\$247.32	0	\$0.00
79	Spare Parts - L-861T (L) MIRL, LED, Taxiway Edge Light Top Assembly w/ Artic Kit	EA	\$123.66	4	\$494.64	0	\$0.00
80	Spare Parts - White 180 Degree and Yellow 180 Degree Lenses	EA	\$36.56	8	\$292.48	0	\$0.00
81	Spare Parts - White 360 Degree Lenses	EA	\$36.56	4	\$146.24	0	\$0.00
82	Spare Parts - Green 180 Degree and Obscured 180 Degree Lenses	EA	\$36.56	4	\$146.24	0	\$0.00
83	Spare Parts - Red 360 Degrees	EA	\$36.56	4	\$146.24	0	\$0.00
84	Spare Parts - Blue 360 Degrees	EA	\$36.56	8	\$292.48	0	\$0.00
85	Spare Parts - PAPI, Lamp Bulb	EA	\$34.95	6	\$209.70	0	\$0.00
86	Spare Parts - Replacement Lamp Set for Rotating Beacon	SET	\$140.86	1	\$140.86	0	\$0.00
1-41	Add - No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Including Ground Rods and Connectors	LF	\$2.00	400	\$800.00	0	\$0.00
1-52	Deduct - Vault Building Controls	LS	-\$2,316.30	1	-\$2,316.30	0	\$0.00
1-47	Add - Terminal Building Vault Controls	LS	\$7,175.00	1	\$7,175.00	0	\$0.00
1-54	Add - 1 Way 2 Inch Schedule 40 PVC Conduit, Including Trenching and Backfill	LF	\$4.19	320	\$1,340.80	0	\$0.00
1-62	Add - 1 Way 2 Inch Schedule 40 PVC Conduit, Directionally Bored	LF	\$15.00	50	\$750.00	0	\$0.00
1-63	Add - L-867 Electrical Handhole, Size D, 24" Deep	LF	\$677.09	3	\$2,031.27	0	\$0.00
C01-12	Change Order No 1 - Deduct - Fly Ash Treated Subgrade, 12"	SY	-\$3.35	45,000	-\$150,750.00	0	\$0.00
C01-13	Change Order No 1 - Deduct - Fly Ash	Ton	-\$70.00	3,200	-\$224,000.00	0	\$0.00
C01-2-89	Change Order No 1 - Add - Cement Treated Subgrade, 12"	SY	\$2.60	45,000	\$117,000.00	44,196.55	\$114,911.03
C01-2-89	Change Order No 1 - Add - Cement	Ton	\$145.00	1,100	\$159,500.00	1,066.18	\$154,597.55
Total					\$3,551,825.54	\$2,916,187.17	

TABULATION OF CONSTRUCTION QUANTITIES

Rehabilitate Runway Improvements
 PROJECT NUMBER: 4448.06
 ESTIMATE NO.: 6

FOR THE PERIOD ENDING February 22, 2020

Description of Material	(A) Materials on Site in Last Application	(B) Materials Added Since Last Application	(C) Material Used Since Last Application	(A+B-C) Materials on site in This Application
Bid Item No 35 - L-801A, Class II, Airport Rotating Beacon (Invoice No. 90052471 & 90053831)	\$5,849.15	\$0.00	\$0.00	\$5,849.15
Bid Item No 36 - 55' Tip Down Rotating Beacon Tower (Invoice No. 90059139)	\$18,849.21	\$0.00	\$0.00	\$18,849.21
Bid Item No 37 - L-806(L), LED, Style I-B, Internally Lighted, Size 1, Supplemental Wind Cone (Invoice No. 90061968, 90062283, 90062432, 90062916, 90062915)	\$2,380.54	\$0.00	\$0.00	\$2,380.54
Bid Item No 38 - L-807(L), LED, Style I-B, Internally Lighted, Size 2, Primary Wind Cone (Invoice No. 90062283, 90062432, 90062915)	\$3,940.84	\$0.00	\$0.00	\$3,940.84
Bid Item No 39 - No. 4, AWG, 600V, L-824, THWN-2, Type C Cable, Installed in Trench, Duct or Conduit (Invoice No. 6347903)	\$8,342.24	\$0.00	\$0.00	\$8,342.24
Bid Item No 40 - No. 4, AWG, 600V, L-824, THWN-2, Type C Equipment Ground Cable, Installed in Trench, Duct or Conduit (Invoice No. 6347903)	\$4,171.12	\$0.00	\$0.00	\$4,171.12
Bid Item No 41 - No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Including Ground Rods and Connectors (Invoice No. 6347903, 6362441)	\$9,266.64	\$0.00	\$0.00	\$9,266.64
Bid Item No 42 - No. 8 AWG, 5KV, L-824, Type C Cable, Installed in Trench, Duct or Conduit (Invoice No. 6394000)	\$9,350.00	\$0.00	\$0.00	\$9,350.00
Bid Item No 43 - No. 10 AWG, 600V, L-824, THWN-2, Type C Cable, Installed in Trench, Duct or Conduit (Invoice No. 6347903)	\$714.00	\$0.00	\$0.00	\$714.00
Bid Item No 44 - No. 10 AWG, 600V, L-824, THWN-2, Type C Equipment Ground Cable, Installed in Trench, Duct or Conduit (Invoice No. 6347903)	\$357.00	\$0.00	\$0.00	\$357.00
Bid Item No 45 - Step-Up Transformer, 10KVA, 120/240V-240/480V, With 30A Fused Disconnect, AWOS Circuit (Invoice No. 9311773381)	\$1,414.54	\$0.00	\$1,414.54	\$0.00
Bid Item No 46 - Step-Down Transformer, 10KVA, 240/480V-120/240V With 30A Fused Disconnect, AWOS Circuit (Invoice No. 9311773381)	\$1,048.30	\$0.00	\$0.00	\$1,048.30
Bid Item No 47 - BuckBoost Transformer, 1.10 KVA, 120/240V-12/24V, PAPI Circuit (Invoice No. 9311773381)	\$274.08	\$0.00	\$274.08	\$0.00
Bid Item No 49 - L-828 Constant Current Regulator, 10kw, Class I, Style I, Ferroresonant (Invoice No. 90062916)	\$18,880.88	\$0.00	\$18,880.88	\$0.00
Bid Item No 54 - 1 Way 2 inch Schedule 40 PVC Conduit, Including Trenching and Backfill (Invoice No. 6362441, 6336987-01)	\$12,532.44	\$0.00	\$0.00	\$12,532.44
Bid Item No 57 - 4 Way 2 inch Schedule 40 PVC Conduit, Including Trenching and Backfill (Invoice No. 6336987-01)	\$855.00	\$0.00	\$0.00	\$855.00
Bid Item No 58 - 5 Way 2 inch Schedule 40 PVC Conduit, Including Trenching and Backfill (Invoice No. 6336987-01)	\$2,280.00	\$0.00	\$0.00	\$2,280.00
Bid Item No 60 - 2 Way 2 inch Schedule 40 PVC Conduit, Encased in Concrete, Including Trench and Backfill (Invoice No. 6336987-01)	\$228.00	\$0.00	\$0.00	\$228.00
Bid Item No 63 - L-867 Electrical Handhole, Size D, 24" Deep (Invoice 90061968, 90062432, 90062916, 90062915)	\$2,758.30	\$0.00	\$0.00	\$2,758.30
Bid Item No 64 - Can Plaza with Two L-867 Electrical Hand Holes, Size D, 24" Deep (Invoice No. 90061968, 90062432, 90062916)	\$1,103.28	\$0.00	\$0.00	\$1,103.28
Bid Item No 65 - Can Plaza with Three L-867 Electrical Hand Holes, Size D, 24" Deep (Invoice No. 90061968, 90062432, 90062916)	\$827.46	\$0.00	\$0.00	\$827.46
Bid Item No 66 - Can Plaza with Four L-867 Electrical Hand Holes, Size D, 24" Deep (Invoice No. 90061968, 90062432, 90062916)	\$2,206.48	\$0.00	\$0.00	\$2,206.48
Bid Item No 67 - Can Plaza with Five L-867 Electrical Hand Holes, Size D, 24" Deep (Invoice No. 90061968, 90062432, 90062916, 90062915)	\$4,137.15	\$0.00	\$0.00	\$4,137.15
Bid Item No 68 - L-861 (L) MIRL, LED, 24" Tall, Base Mounted Runway Edge Light w/ Arctic Kit (Invoice No. 90061968, 90062432, 90062916, 90062915)	\$20,786.56	\$0.00	\$0.00	\$20,786.56
Bid Item No 69 - L-861E (L) MIRL, LED, 24" Tall, Base Mounted Runway Threshold Light w/ Arctic Kit (Invoice No. 90061968, 90062432, 90062916, 90062915)	\$15,859.64	\$0.00	\$0.00	\$15,859.64
Bid Item No 70 - L-851T (L) MIRL, LED, 24" Tall, Base Mounted Taxiway Edge Light w/ Arctic Kit (Invoice 90061968, 90062432, 90062916, 6347903)	\$25,261.91	\$0.00	\$0.00	\$25,261.91
Bid Item No 71 - L-858R (L) Guidance Sign, LED, Size 2, Style 2, Single Face, 1 Module (Invoice No. 90061968, 90062432, 90062916)	\$3,930.22	\$0.00	\$0.00	\$3,930.22
Bid Item No 72 - L-849I (L) REIL, LED, Style C System (Invoice No. 90061968, 90062432, 90062916)	\$14,161.85	\$0.00	\$0.00	\$14,161.85
Bid Item No 73 - L-849I (L) REIL, LED, Style C System (Invoice No. 90061968, 90062432, 90062916)	\$13,068.69	\$0.00	\$0.00	\$13,068.69
Bid Item No 76 - Spare Parts - Breakable Couplings for Runway Edge Lights (Invoice No. 90062916)	\$19.32	\$0.00	\$0.00	\$19.32
Bid Item No 77 - Spare Parts - L-861(L) MIRL, LED, Runway Edge Light Top Assembly w/ Arctic Kit (Invoice No. 90062916)	\$316.64	\$0.00	\$0.00	\$316.64
Bid Item No 78 - Spare Parts - L-861E (L) MIRL, LED, Threshold Light Top Assembly w/ Arctic Kit (Invoice No. 90062916)	\$284.52	\$0.00	\$0.00	\$284.52
Bid Item No 79 - Spare Parts - L-861T (L) MIRL, LED, Taxiway Edge Light Top Assembly w/ Arctic Kit (Invoice No. 90062916)	\$224.52	\$0.00	\$0.00	\$224.52
Bid Item No 80 - Spare Parts - White 180 Degree and Yellow 180 Degree Lenses (Invoice No. 90062916)	\$888.00	\$0.00	\$0.00	\$888.00
Bid Item No 81 - Spare Parts - White 360 Degree Lenses (Invoice No. 90062916)	\$377.04	\$0.00	\$0.00	\$377.04
Bid Item No 82 - Spare Parts - Green 180 Degree and Obscured 180 Degree Lenses (Invoice No. 90062916)	\$505.44	\$0.00	\$0.00	\$505.44
Bid Item No 83 - Spare Parts - Red 360 Degrees (Invoice No. 90062916)	\$638.12	\$0.00	\$0.00	\$638.12
Bid Item No 84 - Spare Parts - Blue 360 Degrees (Invoice No. 90062916)	\$135.12	\$0.00	\$0.00	\$135.12
Bid Item No 85 - Spare Parts - PAPI, Lamp Bulb (Invoice No. 90062916)	\$100.56	\$0.00	\$0.00	\$100.56
Bid Item No 86 - Spare Parts - Replacement Lamp Set for Rotating Beacon (Invoice No. 90062283)	\$126.16	\$0.00	\$0.00	\$126.16
Bid Item No 1-87 - Terminal Building Vault Controls (Invoice No. 55064378)	\$2,711.86	\$0.00	\$0.00	\$2,711.86
Bid Item No 1-63 - Add L-867 Electrical Handhole, Size D, 24" Deep (Invoice No. 90061968, 90062432, 90062916, 90062915)	\$827.79	\$0.00	\$0.00	\$827.79
TOTALS	\$212,010.71	\$0.00	\$20,569.50	\$191,441.21

Prepared by
 Clapsaddle-Garber Associates, Inc
 Marshalltown, Iowa

CGA Project No. 4448.06



**GRINNELL PUBLIC SAFETY COMMITTEE MEETING
MONDAY, MARCH 2, 2020 AT 5:30 P.M.
IN THE COUNCIL CHAMBERS ON 2ND FLOOR
OF THE CITY HALL**

TENTATIVE AGENDA

ROLL CALL: White (Chair), Hueftle-Worley, Davis

PERFECTING AND APPROVAL OF AGENDA:

COMMITTEE BUSINESS:

1. Consider first reading of an ordinance amending provisions pertaining to Animal Protection and Control (See Ordinance No. 1483).
2. Consider approval of promotion of Matthew Moore to the position of Sergeant effective March 11, 2020 and review the step pay schedule.

INQUIRIES:

ADJOURNMENT

ORDINANCE NO. 1483

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF GRINNELL, IOWA, BY AMENDING PROVISIONS PERTAINING TO ANIMAL PROTECTION AND CONTROL.

BE IT ENACTED by the City Council of the City of Grinnell, Iowa:

SECTION 1. NEW SECTION. The Code of Ordinances of the City of Grinnell, Iowa, is amended by adding a new Section 55.14, entitled ANIMAL WASTE, which is hereby adopted to read as follows:

55.14 ANIMAL WASTE. Any person who walks an animal on private or public grounds shall be responsible for the proper and immediate disposal of the solid waste excreted by that animal, except when the animal is on the owner's or keeper's property. This section shall not apply to animals under control of a handicapped person and specially trained for the purpose of assisting handicapped persons.

SECTION 2. REPEALER. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

SECTION 3. SEVERABILITY CLAUSE. If any section, provision or part of this ordinance shall be adjudged invalid or unconstitutional such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

SECTION 4. WHEN EFFECTIVE. This ordinance shall be in effect from and after its final passage, approval and publication as provided by law.

Passed by the Council the ___ day of _____, 2020, and approved this ___ day of _____, 2020.

Mayor

ATTEST:

City Clerk

I certify that the foregoing was published as Ordinance No. 1483 on the ___ day of _____, 2020.

City Clerk

**GRINNELL POLICE DEPARTMENT
CITY OF GRINNELL, IOWA**

**Interoffice
MEMORANDUM**

FROM: Dennis Reilly, Chief of Police

DATE: February 17, 2020

TO: Russ Behrens, City Manager

SUBJECT: Promotion Recommendation - Sergeant

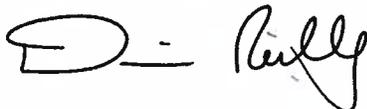
As you may be aware, we are currently staffed with two sergeants due to the resignation of Sgt. Gray in November of 2019. During the week of February 10, 2020 a Civil Service approved examination process was conducted for the position of Sergeant. This process included:

1. Written examination based on Iowa law and court rulings, GPD Rules and Policy, City of Grinnell Personnel Manual, Collective Bargaining Agreement;
2. Oral interview panel comprised of area law enforcement executives;
3. Civil Service Commission Oral Interview;
4. Oral Interview panel comprised of city and police department administration.

As a result of this competitive process, I would like to recommend that Officer Matt Moore be promoted to the rank of Sergeant effective March 11, 2020. Based on Officer Moore's prior training and experience, coupled with his current salary and the salary range for the position of sergeant, I would recommend a starting salary of \$65,314 and a pay schedule structure that would conclude with the beginning of fiscal year 2024 (See attached).

Based on the Collective Bargaining Agreement (CBA) between the city and Chauffers, Teamsters and Helpers Local Union #238, Officer Moore received sixty-four (64) additional hours of holiday leave on his anniversary date (January 26) for those holidays outlined in Section 20.2 of the CBA. With the position of Sergeant not being covered under this CBA, but instead the Personnel Manual for the city, Officer Moore would be entitled to sixty-four (64) holiday hours established for non-contractual city employees as outlined under Section 4 of the Personnel Manual. This would make holiday hours a wash. Officer Moore would receive twenty-four (24) hours of personal leave under the Personnel Manual, as opposed to sixteen (16) hours under the CBA.

Respectfully,



Dennis Reilly
Chief of Police

Attachment: Pay Schedule Proposal

**MATT MOORE - SERGEANT
PAY SCHEDULE PROPOSAL
FEBRUARY 17, 2020**

3/2020		
	SALARY	MAX
Sergeant	\$65,314.00	\$69,270.00
% DIFF	-12.24%	
Senior Sgt.	\$74,424.00	
% DIFF	6.70%	
TOP PTL	\$61,214.40	

7/20		
	SALARY	MAX
	\$67,273.42	<u>\$71,348.10</u>
	-12.24%	
	<u>\$76,656.72</u>	
	7.20%	
	\$62,753.60	

7/21		
	SALARY	MAX
	\$69,791.62	<u>\$73,488.54</u>
	-11.61%	
	<u>\$78,956.42</u>	
	8.50%	
	<u>\$64,322.44</u>	

7/22		
	SALARY	MAX
	\$72,385.37	<u>\$75,693.20</u>
	-10.99%	
	<u>\$81,325.11</u>	
	9.79%	
	<u>\$65,930.50</u>	

7/23		
	SALARY	MAX
	\$75,056.93	<u>\$77,964.00</u>
	-10.40%	
	<u>\$83,764.87</u>	
	11.07%	
	<u>\$67,578.76</u>	

% of Max 94.29%

% of Max 94.29%

% of Max 94.97%

% of Max 95.63%

% of Max 96.27%

Italic Based on 3% increase

Staff % increase

Staff % increase + \$500

Staff % increase + \$500

Staff % increase + \$500

Italic Based on 2.5% increase



**GRINNELL PLANNING COMMITTEE MEETING
MONDAY, MARCH 2, 2020 AT 6:15 P.M.
IN THE COUNCIL CHAMBERS ON THE 2ND FLOOR OF
THE CITY HALL**

TENTATIVE AGENDA

ROLL CALL: Bly (Chair), Davis, Gaard.

PERFECTING AND APPROVAL OF AGENDA

COMMITTEE BUSINESS:

1. Marty Wymore, Region 6 Resource Partners & Peoplerides, will present information on Peoplerides.
2. Consider request from Les Ollinger to widen driveway, 801 Penrose St.
3. Discuss radon mitigation.

INQUIRIES:

ADJOURNMENT:

From: Marty Wymore <mwymore@region6resources.org>

Sent: Thursday, February 06, 2020 2:17 PM

To: Russ Behrens <RBehrens@grinnelliowa.gov>

Subject: Peoplerides Rates

Russ,

Due to a period of operating losses and inability to find/retain lower wage drivers we are needing to change our Peoplerides rate within the City of Grinnell. We appreciate the long term support that we have received from the city! If these changes are not acceptable we will need to jointly discuss some other options to increase revenues, or possibly reduce or shift driver hours. Driver hours is a very complicated piece, due to the region wide labor shortage.

The changes that we are proposing for 4/1/20 include the following:

- Our current passenger rate is \$2.50/ride or \$5.00 round trip. We are proposing to raise that in-town rate to \$3/ride or \$6 round trip.
- The city rate has remained the same at \$2.25/ride for many years. Our new rate proposal to the city is \$4/ride. There are no other sources of subsidy for our rides within Grinnell.

The rate on the Grinnell service between passenger rate and subsidy sources at \$4/ride will equal what we are doing with other regional city services in Marshalltown. We no longer have much direct service in Iowa Falls and basically no city service in Tama-Toledo. The Iowa Falls service that we have (under 1,000 rides) is integrated with our county disabled operations.

Note the following data about the Grinnell service –

- Last year we provided 3,858 rides in Grinnell (not including the Medicaid rides). The Medicaid rides, for the non-CIRSI and non-Genesis, programs were likely a few hundred. In short ridership is fairly consistent with around 4,000 rides.
- For the last 6-7 years we have slowly had to move away from part time drivers to full time drivers. This has had a large impact on the historical Grinnell operation. Prior to this change we largely had lower wage part time drivers. Now to properly staff all the Poweshiek-Grinnell services we have 3 full time drivers. The rural operation hours are about 2,080 hours.
- \$178,000 annual cost for 4,160 hours – town hours.
- Service is very integrated with the County disabled route into the CIRSI program. This route is about 1,300 hours per year. The Genesis program in Grinnell is no longer operational.
- We currently offer a daily shuttle from Grinnell College to Wal-Mart for \$1.50/ride. That rate will be increasing also.
- \$74,000 of Region 6 direct financial support for the service – this is 16% of our state and federal transit revenue.
- \$2,400 of passenger fares.
- Other services (Medicaid and some others) cannot cover the \$97,000 of other costs, like in some of the past good years.
- Regionally we can no longer find full or part time CDL drivers at \$12.50/hour. That rate will be likely increasing to \$15.31/hour on or around 4/1/20.

If you want to further chat about this let me know. I can easily come to Grinnell to discuss. I will be in the area on 2/13/20 and could meet in the 2-4 pm range, if that works.

Have a good day!

Marty Wymore, AICP
Director

Region 6 Resource Partners & Peoplerides

903 E Main Street

Marshalltown, IA 50158

641-752-0717 phone

641-751-3679 cell

mwymore@region6resources.org

*****Please update your contact information to reflect our new e-mail address*****



COMMUNITY SOLUTIONS START HERE

801 Penrose Street – Driveway Proposal
City of Grinnell, Iowa



FROM: Tyler Avis
Director of Building and Planning

DATE: February 26, 2020

TO: Honorable Dan Agnew
Honorable Council Persons
Mr. Russell Behrens, City Manager
Ms. Ann Wingerter, City Clerk

Subject: Explanation of a request for a variance to the driveway regulations.

Les Ollinger, owner of 801 Penrose St, requests City Council approval to widen his driveway to better accommodate vehicles entering and leaving the recently completed garage addition on the west side of the residence. Chapter 140 of Grinnell City Code outlines regulations for Driveways and Culverts, and explicitly states that driveways shall be no wider than 35 feet at the curb, and 25 feet at the property line, also needing a 5 foot flare on each side at the curb. The proposed driveway would be 32 feet at the curb and near 50 feet wide at the property line. It should be noted that the 80 foot right of way of 3rd Avenue contributes to the situation present. City Council is authorized to modify application of the regulations to such an extent that the owner will be allowed such reasonable use of existing property as will be consistent with the safety of motorists and pedestrians and the use by the public of the affected streets.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Tyler Avis".

Tyler Avis
Director of Building and Planning

CITY OF GRINNELL
520 Fourth Avenue
Grinnell, Iowa
50112-1947
Phone: 641-236-2600
Fax: 641-236-2626

MAYOR

DAN F.
AGNEW
dagnew@grinnelliowa.gov

CITY COUNCIL

BYRON HUEFTLE-WORLEY
At-Large

JIM WHITE
At-Large

JULIE DAVIS
1st Ward

JO WRAY
2nd Ward

RACHEL BLY
3rd Ward

LAMOYNE GAARD
4th Ward

ADMINISTRATION

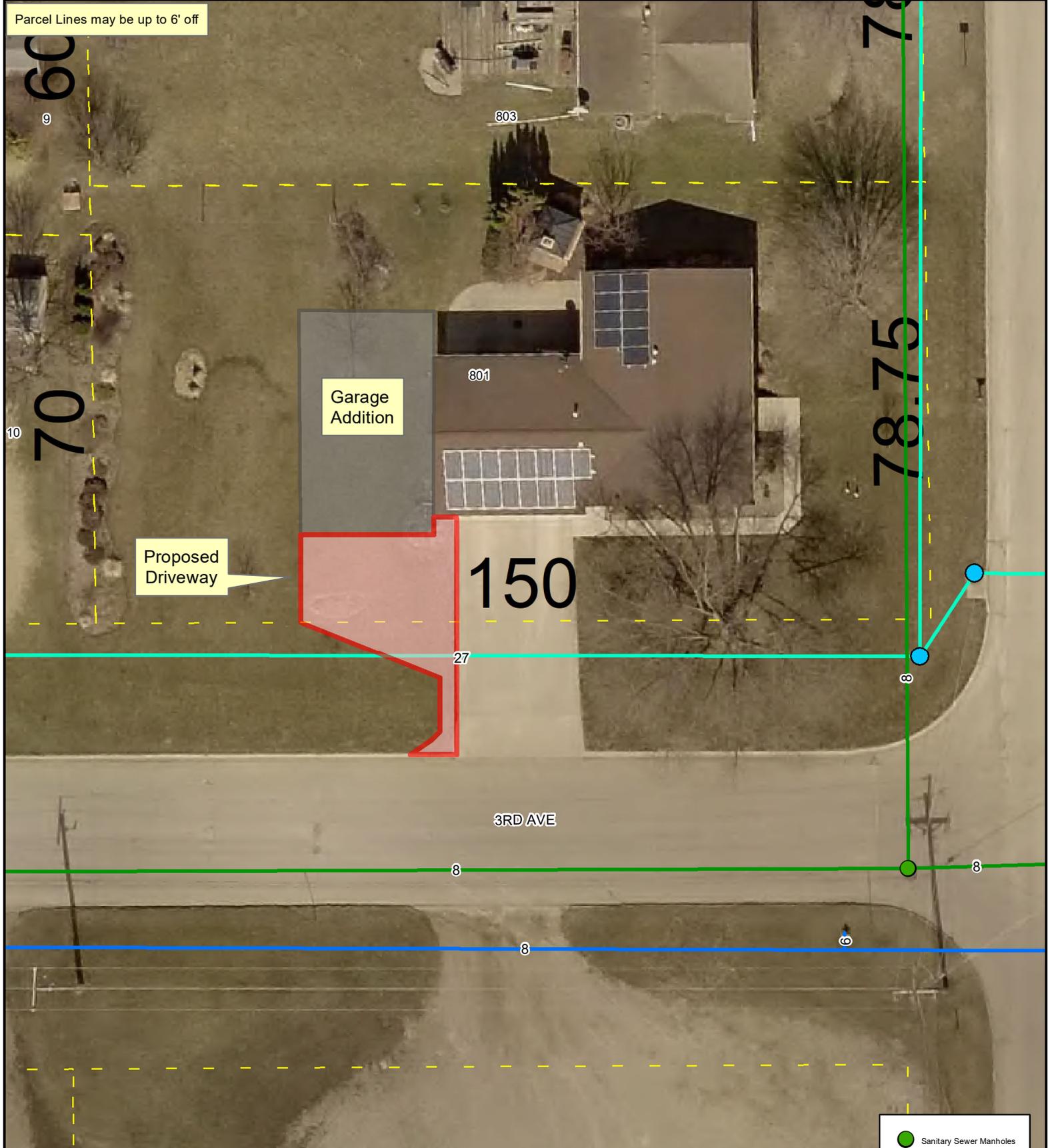
RUSSELL L.
BEHRENS
City Manager
RBehrens@
grinnelliowa.gov

ANNMARIE WINGERTER
City Clerk/Finance Director
AWingarter@
grinnelliowa.gov

WILLIAM J.
SUEPPEL
City Attorney
billjs@mearndonlaw.com

Visit us at
www.grinnelliowa.gov

Parcel Lines may be up to 6' off



Les Ollinger, owner of 801 Penrose St, requests City Council approval to widen his driveway to better accommodate vehicles entering and leaving the recently completed garage addition on the west side of the residence. Chapter 140 of Grinnell City Code outlines regulations for Driveways and Culverts, and explicitly states that driveways shall be no wider than 35 feet at the curb, and 25 feet at the property line, also needing a 5 foot flare on each side at the curb. The proposed driveway would be 32 feet at the curb and near 50 feet wide at the property line. It should be noted that the 80 foot right of way of 3rd Avenue contributes to the situation present. City Council is authorized to modify application of the regulations to such an extent that the owner will be allowed such reasonable use of existing property as will be consistent with the safety of motorists and pedestrians and the use by the public of the affected streets.

- Sanitary Sewer Manholes
- Sanitary Sewer Lines
- Storm Sewer Manholes
- Storm Sewer Lines
- Water Mains
- Parcels9_19
- Grinnell Corporate Limit

CREATED BY THE CITY OF GRINNELL,
BUILDING AND PLANNING DEPARTMENT
Date: 02/26/2020

February 19, 2020

Dan Agnew
Mayor
City of Grinnell
520 4th Avenue
Grinnell, IA 50112

Dear Mayor Agnew,

I, Andrew Stith, a resident of Grinnell would like express my interest in the improvement of radon awareness on our rental properties in the community.

My wife and I have been renting a home for three years and have recently become aware of the harm that elevated levels of radon can have on a person. Because of this, we decided to test our property for radon this winter. After completing two tests, on the home's first floor, we found there to be elevated levels of radon in which the Environmental Protection Agency recommends action be taken. Upon informing our landlord, no steps have been taken to remedy the situation.

Through research I found that Iowa City recently adopted an ordinance requiring all single family detached structures and duplex rentals to be tested prior to rental permit issuance. If radon exceeds certain levels, a radon mitigation system will be required. I would like to ask City Council to consider implementing radon testing for rental properties and taking action when radon levels exceed Environmental Protection Agency recommendations.

I brought my concerns to Russ Behrens, in which we discussed other potential ways the City might be able to help raise awareness while also potentially providing some assistance. An option we discussed might be a grant program to provide awareness and assistance for landlords helping them fund radon mitigation systems in their properties. Radon mitigation systems costs typically vary from \$800 to \$1500 with an average of \$1200. With a grant from the City, landlords may be incentivized to install these systems, furthering the safety for tenants.

Without responsibilities for landlords to even disclose tests for heightened radon levels, I find it difficult to ensure citizens have a safe place to live in Grinnell. Given that renters account for more than 30% of the Grinnell community, I consider this a public health issue for many residents.

I would be happy to speak with you more about this issue and look forward to hearing your response.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andrew Stith', with a stylized flourish at the end.

Andrew Stith

APPENDIX F

PASSIVE RADON GAS CONTROLS

(The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.)

SECTION AF101 SCOPE

AF101.1 General. This appendix contains requirements for new construction in *jurisdictions* where radon-resistant construction is required. These requirements are intended to provide a passive means of resisting radon gas entry and prepare the *dwelling* for post-construction radon mitigation, if necessary (see Figure AF102). Active construction techniques, rather than passive techniques, shall be permitted to be used where approved.

Inclusion of this appendix by *jurisdictions* shall be determined through the use of locally available data or determination of Zone 1 designation in Figure AF101 and Table AF101(1).

SECTION AF102 DEFINITIONS

AF102.1 General. For the purpose of these requirements, the terms used shall be defined as follows:

DRAIN TILE LOOP. A continuous length of drain tile or perforated pipe extending around all or part of the internal or external perimeter of a *basement* or crawl space footing.

ENCLOSED CRAWL SPACE. A crawl space that is enclosed with foundation walls inclusive of any windows, doors, access openings and required vents.

GAS-PERMEABLE LAYER. A gas-permeable layer shall consist of one of the following:

1. A uniform layer of clean aggregate that is not less than 4 inches (102 mm) thick. The aggregate shall consist of material that will pass through a 2-inch (51 mm) sieve and be retained by a $\frac{1}{4}$ -inch (6.4 mm) sieve.
2. A uniform layer of sand (native or fill) that is not less than 4 inches (102 mm) thick and that is overlain by a soil gas collection mat or soil gas matting installed in accordance with the manufacturer's instructions.

RADON GAS. A naturally occurring, chemically inert, radioactive gas.

SOIL-GAS-RETARDER. A continuous membrane of 6-mil (0.15 mm) polyethylene used to retard the flow of soil gases into a *dwelling*.

SUBMEMBRANE DEPRESSURIZATION SYSTEM. A system designed to achieve lower submembrane air pressure relative to basement or crawl space air pressure by use of a vent drawing air from beneath the soil-gas-retarder membrane.

SUBSLAB DEPRESSURIZATION SYSTEM (Passive). A system designed to achieve lower subslab air pressure rela-

tive to indoor air pressure by use of a vent pipe drawing air from beneath concrete floor slabs or other floor assemblies that are in contact with the ground.

VENT PIPE. Not less than a 3-inch-diameter (76 mm) ABS or PVC gas-tight pipe extending from the gas permeable layer through the roof.

SECTION AF103 PASSIVE RADON-RESISTANT SYSTEM REQUIREMENTS

AF103.1 General. The following components of a passive submembrane or subslab depressurization system shall be installed during construction.

AF103.2 Entry routes. Potential radon entry routes shall be closed in accordance with Sections AF103.2.1 through AF103.2.8.

AF103.2.1 Floor openings. Openings around bathtubs, showers, water closets, pipes, wires or other objects that penetrate concrete slabs, or other floor assemblies, shall be filled with a polyurethane caulk or expanding foam applied in accordance with the manufacturer's instructions.

AF103.2.2 Sumps. Sumps open to soil or serving as the termination point for subslab or exterior drain tile loops shall be covered with a gasketed or sealed lid. Sumps used as the suction point in a subslab depressurization system shall have a lid designed to accommodate the vent pipe. Sumps used as a floor drain shall have a lid equipped with a trapped inlet.

AF103.2.3 Foundation walls. Hollow block masonry foundation walls shall be constructed with a continuous course of *solid masonry*, one course of masonry grouted solid, or a solid concrete beam at or above *grade*. Where a brick veneer or other masonry ledge is installed, the course immediately below that ledge shall be *solid masonry*, one course of masonry grouted solid, or a solid concrete beam. Joints, cracks or other openings around penetrations of both exterior and interior surfaces of foundation walls below *grade* shall be filled with polyurethane caulk.

AF103.2.4 Dampproofing. The exterior surfaces of foundation walls below *grade* shall be dampproofed in accordance with Section R406.

AF103.2.5 Air-conditioning systems. Entry points, joints or other openings into air-conditioning systems in enclosed crawl spaces shall be sealed.

Exception: Systems with gasketed seams or that are otherwise sealed by the manufacturer.

AF103.2.6 Ducts. Ductwork passing through or beneath a slab within a *dwelling* shall be of seamless material unless the air-conditioning system is designed to maintain continuous positive pressure within such ducting. Joints in such ductwork shall be sealed.

Ductwork located in enclosed crawl spaces shall have seams and joints sealed by closure systems in accordance with Section M1601.4.1.

AF103.2.7 Crawl space access. Access doors and other openings or penetrations between *basements* and adjoining crawl spaces shall be closed, gasketed or sealed.

AF103.3 Basements or enclosed crawl spaces with soil floors. In *dwelling*s with *basements* or enclosed crawl spaces with soil floors, the following components of a passive sub-membrane depressurization system shall be installed during construction.

Exception: *Basements* or enclosed crawl spaces that are provided with a continuously operated mechanical exhaust system in accordance with Section R408.3.

AF103.3.1 Soil-gas-retarder. The soil in *basements* and enclosed crawl spaces shall be covered with a soil-gas-retarder. The soil-gas-retarder shall be lapped not less than 12 inches (305 mm) at joints and shall extend to foundation walls enclosing the *basement* or crawl space. The soil-gas-retarder shall fit closely around any pipe, wire or other penetrations of the material. Punctures or tears in the material shall be sealed or covered with additional sheeting.

AF103.3.2 “T” fitting and vent pipe. A 3- or 4-inch “T” fitting shall be inserted beneath the soil-gas-retarder and be connected to a vent pipe. The vent pipe shall extend through the *conditioned space* of the *dwelling* and terminate not less than 12 inches (305 mm) above the roof in a location not less than 10 feet (3048 mm) away from any window or other opening into the *conditioned spaces* of the building that is less than 2 feet (610 mm) below the exhaust point.

AF103.4 Basements or enclosed crawl spaces with concrete floors or other floor systems and slab-on-grade dwellings. The following components of a passive subslab depressurization system shall be installed during construction in slab-on-grade *dwelling*s or in *dwelling*s with *basements* or crawl spaces with concrete or other floor systems.

AF103.4.1 Sub-slab preparation. A layer of gas-permeable material shall be placed under concrete slabs and other floor systems that directly contact the ground and are within the walls of the *dwelling*.

AF103.4.2 Soil-gas-retarder. A soil-gas-retarder shall be placed on top of the gas-permeable layer prior to casting

the slab or placing the floor assembly. The soil-gas-retarder shall cover the entire floor area with separate sections lapped not less than 12 inches (305 mm). The soil-gas-retarder shall fit closely around any pipe, wire, or other penetrations of the material. Punctures or tears in the material shall be sealed or covered.

AF103.4.3 “T” fitting and vent pipe. Before a slab is cast or other floor system is installed, a “T” fitting shall be inserted below the slab or other floor system and the soil-gas-retarder. The “T” fitting shall be connected to a vent pipe. The vent pipe shall extend through the *conditioned space* of the *dwelling* and terminate not less than 12 inches (305 mm) above the roof in a location not less than 10 feet (3048 mm) away from any window or other opening into the *conditioned spaces* of the building that is less than 2 feet (610 mm) below the exhaust point.

AF103.5 Drain tile and sump used for depressurization. As an alternative to inserting a vent pipe into a “T” fitting, a vent pipe shall be permitted to be inserted directly into an interior perimeter drain tile loop or through a sump cover where the drain tile or sump is exposed to the gas-permeable layer.

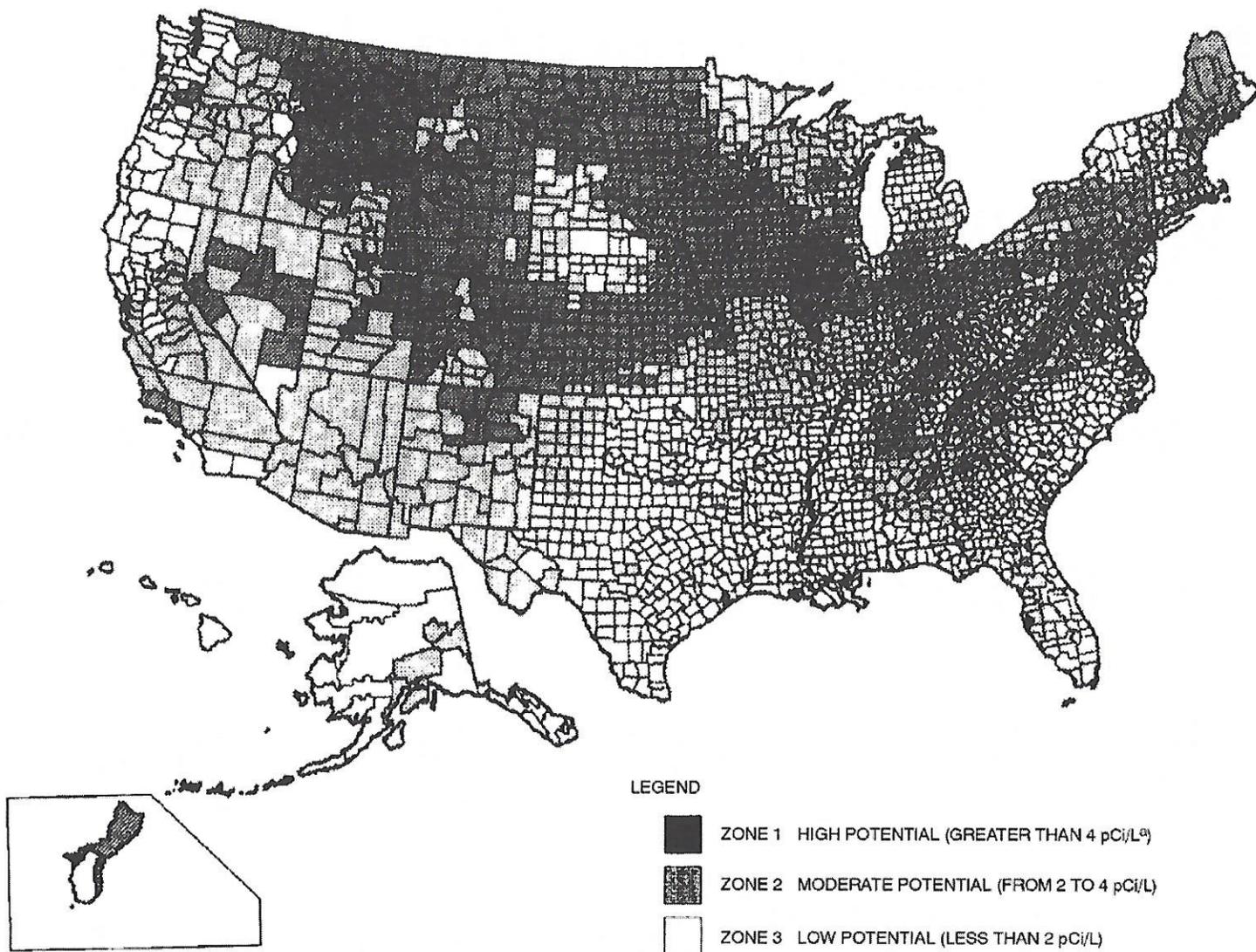
AF103.6 Multiple vent pipes. In *dwelling*s where interior footings or other barriers separate the gas-permeable layer, each area shall be fitted with an individual vent pipe. Vent pipes shall connect to a single vent that terminates above the roof or each individual vent pipe shall terminate separately above the roof.

AF103.7 Combination foundations. Where *basement* or crawl space floors are on different levels, each level shall have a separate vent pipe. Multiple vent pipes shall be permitted to be connected to a single vent pipe that terminates above the roof.

AF103.8 Vent pipe drainage. Components of the radon vent pipe system shall be installed to provide positive drainage to the ground beneath the soil-gas-retarder.

AF103.9 Vent pipe identification. Exposed and visible interior vent pipes shall be identified with not less than one *label* on each floor and in accessible *attics*. The *label* shall read: “Radon Reduction System.”

AF103.10 Power source and access for future radon fan. To provide for future installation of a radon fan, an electrical circuit terminated in an *approved* box shall be installed during construction in the anticipated location of the radon fans. An accessible clear space 24 inches (610 mm) in diameter by 3 feet (914 mm) in height adjacent to the vent pipe shall be provided at the anticipated location of a future radon fan.



a. pCi/L standard for picocuries per liter of radon gas. The U.S. Environmental Protection Agency (EPA) recommends that homes that measure 4 pCi/L and greater be mitigated.

The EPA and the U.S. Geological Survey have evaluated the radon potential in the United States and have developed a map of radon zones designed to assist *building officials* in deciding whether radon-resistant features are applicable in new construction.

The map assigns each of the 3,141 counties in the United States to one of three zones based on radon potential. Each zone designation reflects the average short-term radon measurement that can be expected to be measured in a building without the implementation of radon-control methods. The radon zone designation of highest priority is Zone 1. Table AF101 lists the Zone 1 counties illustrated on the map. More detailed information can be obtained from state-specific booklets (EPA-402-R-93-021 through 070) available through State Radon Offices or from EPA Regional Offices.

FIGURE AF101
EPA MAP OF RADON ZONES

TABLE AF101(1)
HIGH RADON-POTENTIAL (ZONE 1) COUNTIES*

ALABAMA	CONNECTICUT	Morgan	Wabash	Trego	Hillsdale	Watowan
Calhoun	Fairfield	Moultrie	Warren	Wallace	Jackson	Wilkin
Clay	Middlesex	Ogle	Washington	Washington	Kalamazoo	Winona
Cleburne	New Haven	Peoria	Wayne	Wichita	Lenawee	Wright
Colbert	New London	Piatt	Wells	Wyandotte	St. Joseph	Yellow Medicine
Coosa		Pike	White		Washtenaw	
Franklin	GEORGIA	Putnam	Whitley	KENTUCKY		MISSOURI
Jackson	Cobb	Rock Island		Adair		Andrew
Lauderdale	De Kalb	Sangamon	IOWA	Allen	MINNESOTA	Atchison
Lawrence	Fulton	Schuyler	All Counties	Barren	Becker	Buchanan
Limestone	Gwinnett	Scott		Bourbon	Big Stone	Cass
Madison		Stark	KANSAS	Boyle	Blue Earth	Clay
Morgan	IDAHO	Stephenson	Atchison	Bullitt	Brown	Clinton
Talladega	Benewah	Tazewell	Barton	Casey	Carver	Holt
	Blaine	Vermilion	Brown	Clark	Chippewa	Iron
CALIFORNIA	Boise	Warren	Cheyenne	Cumberland	Clay	Jackson
Santa Barbara	Bonner	Whiteside	Clay	Fayette	Cottonwood	Nodaway
Ventura	Bonner	Winnebago	Cloud	Franklin	Dakota	Platte
	Boundary	Woodford	Decatur	Green	Dodge	
COLORADO	Butte		Dickinson	Harrison	Douglas	MONTANA
Adams	Camas	INDIANA	Douglas	Hart	Faribault	Beaverhead
Arapahoe	Clark	Adams	Ellis	Jefferson	Fillmore	Big Horn
Baca	Clearwater	Allen	Ellsworth	Jessamine	Freeborn	Blaine
Bent	Custer	Bartholomew	Finney	Lincoln	Goodhue	Broadwater
Boulder	Elmore	Benton	Ford	Marion	Grant	Carbon
Chaffee	Fremont	Blackford	Geary	Mercer	Hennepin	Carter
Cheyenne	Gooding	Boone	Gove	Metcalfe	Houston	Cascade
Clear Creek	Idaho	Carroll	Graham	Monroe	Hubbard	Cascade
Crowley	Kootenai	Cass	Grant	Nelson	Jackson	Chouteau
Custer	Latah	Clark	Gray	Pendleton	Kanabec	Custer
Delta	Lemhi	Clinton	Greeley	Pulaski	Kandiyohi	Daniels
Denver	Shoshone	De Kalb	Hamilton	Robertson	Kittson	Dawson
Dolores	Valley	Decatur	Haskell	Russell	Lac Qui Parle	Deer Lodge
Douglas		Delaware	Hodgeman	Scott	Le Sueur	Fallon
El Paso	ILLINOIS	Elkhart	Jackson	Taylor	Lincoln	Fergus
Elbert	Adams	Fayette	Jewell	Warren	Lyon	Flathead
Fremont	Boone	Fountain	Johnson	Woodford	Mahnommen	Gallatin
Garfield	Brown	Fulton	Kearny		Marshall	Garfield
Gilpin	Bureau	Grant	Kingman	MAINE	Martin	Glacier
Grand	Calhoun	Hamilton	Kiowa	Androscoggin	McLeod	Granite
Gunnison	Carroll	Hancock	Lane	Aroostook	Meeker	Hill
Huerfano	Cass	Harrison	Leavenworth	Cumberland	Mower	Jefferson
Jackson	Champaign	Hendricks	Lincoln	Franklin	Murray	Judith Basin
Jefferson	Coles	Henry	Logan	Hancock	Nicollet	Lake
Kiowa	De Kalb	Howard	Marion	Kennebec	Nobles	Lewis and Clark
Kit Carson	De Witt	Huntington	Marshall	Lincoln	Norman	Madison
Lake	Douglas	Jay	McPherson	Oxford	Olmsted	McCone
Larimer	Edgar	Jennings	Meade	Penobscot	Otter Tail	Meagher
Las Animas	Ford	Johnson	Mitchell	Piscataquis	Pennington	Missoula
Lincoln	Fulton	Kosciusko	Nemaha	Somerset	Pipestone	Park
Logan	Greene	LaGrange	Ness	York	Polk	Phillips
Mesa	Grundy	Lawrence	Norton		Pope	Pondera
Moffat	Hancock	Madison	Osborne	MARYLAND	Ramsey	Powder River
Montezuma	Henderson	Marion	Ottawa	Baltimore	Red Lake	Powell
Montrose	Henry	Marshall	Pawnee	Calvert	Redwood	Prairie
Morgan	Iroquois	Miami	Phillips	Carroll	Renville	Ravalli
Otero	Jersey	Monroe	Pottawatomie	Frederick	Rice	Richland
Ouray	Jo Daviess	Montgomery	Pratt	Harford	Rock	Rosevelt
Park	Kane	Noble	Rawlins	Howard	Roseau	Rosebud
Phillips	Kendall	Orange	Republic	Montgomery	Scott	Sanders
Pitkin	Knox	Putnam	Rice	Washington	Sherburne	Sheridan
Prowers	La Salle	Randolph	Riley		Sibley	Silver Bow
Pueblo	Lee	Rush	Rooks	MASS.	Stearns	Stillwater
Rio Blanco	Livingston	Scott	Rush	Essex	Steele	Teton
San Miguel	Logan	Shelby	Saline	Middlesex	Stevens	Toole
Summit	Macon	St. Joseph	Scott	Worcester	Swift	Valley
Teller	Marshall	Steuben	Sheridan		Todd	Wibaux
Washington	Mason	Tippecanoe	Sherman	MICHIGAN	Traverse	Yellowstone
Weld	McDonough	Tipton	Smith	Branch	Wabasha	
Yuma	McLean	Union	Stanton	Calhoun	Wadena	
	Menard	Vermillion	Thomas	Cass	Waseca	
	Mercer				Washington	

(continued)

TABLE AF101(1)—continued
HIGH RADON-POTENTIAL (ZONE 1) COUNTIES^a

NEBRASKA	Morris	Columbiana	Lehigh	Union	Fairfax	Crawford
Adams	Somerset	Coshocton	Luzerne	Worth	Falls Church	Dane
Boone	Sussex	Crawford	Lycoming	Yankton	Fluvanna	Dodge
Boyd	Warren	Darke	Mifflin		Frederick	Door
Burt		Delaware	Monroe	TENNESSEE	Fredericksburg	Fond du Lac
Butler	NEW MEXICO	Fairfield	Montgomery	Anderson	Giles	Grant
Cass	Bernalillo	Fayette	Montour	Bedford	Goochland	Green
Cedar	Colfax	Franklin	Northampton	Blount	Harrisonburg	Green Lake
Clay	Mora	Greene	Northumberland	Bradley	Henry	Iowa
Colfax	Rio Arriba	Guernsey		Claiborne	Highland	Jefferson
Cuming	San Miguel	Hamilton		Davidson	Lee	Lafayette
Dakota	Santa Fe	Hancock		Giles	Lexington	Langlade
Dixon	Taos	Hardin		Grainger	Louisa	Marathon
Dodge		Harrison		Greene	Martinsville	Menominee
Douglas	NEW YORK	Holmes		Hamblen	Montgomery	Pepin
Fillmore	Albany	Huron		Hancock	Nottoway	Pierce
Franklin	Allegany	Jefferson		Hawkins	Orange	Portage
Frontier	Broome	Knox		Hickman	Page	Richland
Furnas	Cattaraugus	Licking		Humphreys	Patrick	Rock
Gage	Cayuga	Logan		Jackson	Pittsylvania	Shawano
Gosper	Chautauqua	Madison		Jefferson	Powhatan	St. Croix
Greeley	Chemung	Marion	RHODE ISLAND	Knox	Pulaski	Vernon
Hamilton	Chenango	Mercer	Kent	Lawrence	Radford	Walworth
Harlan	Columbia	Miami	Washington	Lewis	Roanoke	Washington
Hayes	Cortland	Montgomery		Lincoln	Rockbridge	Waukesha
Hitchcock	Delaware	Morrow	S. CAROLINA	Loudon	Rockingham	Waupaca
Hurston	Dutchess	Muskingum	Greenville	Marshall	Russell	Wood
Jefferson	Erie	Perry		Maury	Salem	
Johnson	Genesee	Pickaway	S. DAKOTA	McMinn	Scott	WYOMING
Kearney	Greene	Pike	Aurora	Meigs	Shenandoah	Albany
Knox	Livingston	Preble	Beadle	Monroe	Smyth	Big Horn
Lancaster	Madison	Richland	Bon Homme	Moore	Spotsylvania	Campbell
Madison	Onondaga	Ross	Brookings	Perry	Stafford	Carbon
Nance	Ontario	Seneca	Brown	Roane	Staunton	Converse
Nemaha	Orange	Shelby	Brule	Rutherford	Tazewell	Crook
Nuckolls	Otsego	Stark	Buffalo	Smith	Warren	Fremont
Otoe	Putnam	Summit	Campbell	Sullivan	Washington	Goshen
Pawnee	Rensselaer	Tuscarawas	Charles Mix	Trousdale	Waynesboro	Hot Springs
Phelps	Schoharie	Union	Clark	Union	Winchester	Johnson
Pierce	Schuyler	Van Wert	Clay	Washington	Wythe	Laramie
Platte	Seneca	Warren	Codington	Wayne		Lincoln
Polk	Steuben	Wayne	Corson	Williamson	WASHINGTON	Natrona
Red Willow	Sullivan	Wyandot	Davison	Wilson	Clark	Niobrara
Richardson	Tioga		Day		Ferry	Park
Saline	Tompkins	PENNSYLVANIA	Deuel	UTAH	Okanogan	Sheridan
Sarpy	Ulster	Adams	Douglas	Carbon	Pend Oreille	Sublette
Saunders	Washington	Allegheny	Edmunds	Duchesne	Skamania	Sweetwater
Seward	Wyoming	Armstrong	Faulk	Grand	Spokane	Teton
Stanton	Yates	Beaver	Grant	Piute	Stevens	Uinta
Thayer		Bedford	Hamlin	Sanpete		Washakie
Washington	N. CAROLINA	Berks	Hand	Sevier	W. VIRGINIA	
Wayne	Alleghany	Blair	Hanson	Uintah	Berkeley	
Webster	Buncombe	Bradford	Hughes		Brooke	
York	Cherokee	Bucks	Hutchinson	VIRGINIA	Grant	
	Henderson	Butler	Hyde	Alleghany	Greenbrier	
	Mitchell	Cameron	Jerauld	Amelia	Hampshire	
NEVADA	Rockingham	Carbon	Kingsbury	Appomattox	Hancock	
Carson City	Transylvania	Centre	Lake	Augusta	Hardy	
Douglas	Watauga	Chester	Lincoln	Bath	Jefferson	
Eureka		Clarion	Lyman	Bland	Marshall	
Lander		Clearfield	Marshall	Botetourt	Mercer	
Lincoln		Clinton	McCook	Bristol	Mineral	
Lyon	N. DAKOTA	Columbia	McPherson	Brunswick	Monongalia	
Mineral	All Counties	Cumberland	Miner	Buckingham	Monroe	
Pershing	OHIO	Dauphin	Minnehaha	Buena Vista	Morgan	
White Pine	Adams	Delaware	Moody	Campbell	Ohio	
	Allen	Franklin	Perkins	Chesterfield	Pendleton	
NEW HAMPSHIRE	Ashland	Fulton	Potter	Clarke	Pocahontas	
Carroll	Auglaize	Huntingdon	Roberts	Clifton Forge	Preston	
	Belmont	Indiana	Sanborn	Covington	Summers	
	Butler	Juniata	Spink	Craig	Wetzel	
NEW JERSEY	Carroll	Lackawanna	Stanley	Cumberland		
Hunterdon	Champaign	Lancaster	Sully	Danville	WISCONSIN	
Mercer	Clinton	Lebanon	Turner	Dinwiddie	Buffalo	
Monmouth						

a. The EPA recommends that this county listing be supplemented with other available State and local data to further understand the radon potential of a Zone 1 area.

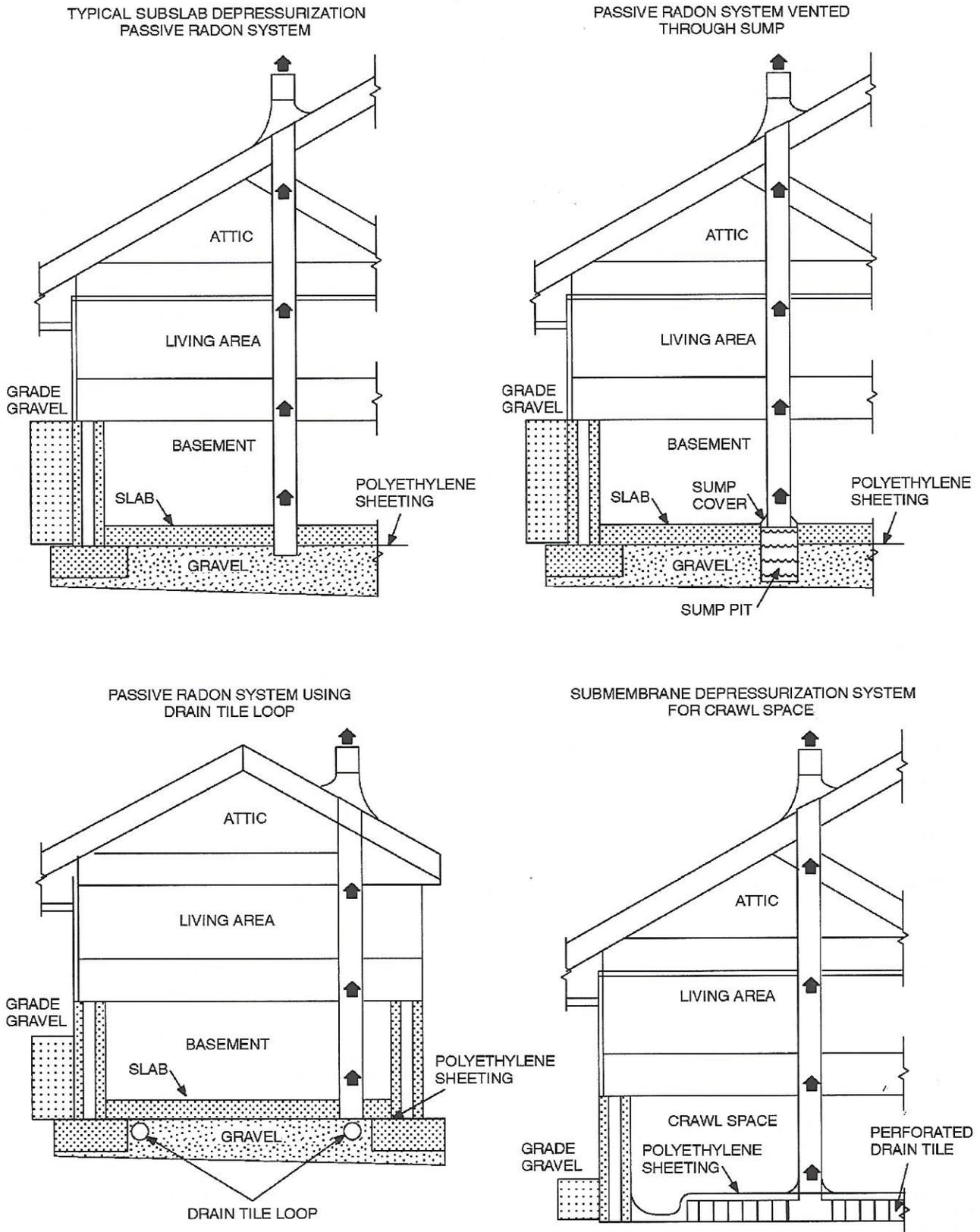


FIGURE AF102
RADON-RESISTANT CONSTRUCTION DETAILS FOR FOUR FOUNDATION TYPES