

**Public Works Committee Meeting**  
**Tuesday, August 16, 2022 5:00 PM**  
**Crete City Hall**  
**243 E 13th Street**  
**Crete, NE 68333**

**1. Open Meeting**

- In accordance with Nebraska law, a copy of the Open Meetings Act can be found in the back of the Council Chambers.
- Items listed on the agenda may be considered in any order.

**2. Roll Call**

- Attendance of members will be recorded to determine the presence of a quorum for official actions.

**3. Items of Business**

- The Committee may discuss or limit discussion on, hear testimony in favor of or in opposition to, or take action to provide a recommendation to the City Council on any matter presented under this title.
- 3.A. Provide a recommendation to the City Council on approving Windstream Nebraska's application for a permit to occupy city right-of-way at various locations on East 14th Street for fiber placement.
- 3.B. Provide a recommendation to the City Council on approving Windstream Nebraska's application for a permit to occupy city right-of-way at various locations on West 13th Street for fiber placement.
- 3.C. Provide a recommendation to the City Council on approving Crete High School's application for a special event permit for their homecoming parade.
- 3.D. Discuss water rates.
- 3.E. Discuss electric rates.
- 3.F. Discuss a potential mill and asphalt overlay project on 15th Street.
- 3.G. Provide a recommendation to the City Council on a water tower lease agreement with NextLink.

**4. Officers' Reports**

- Reports may be given by the Mayor, Officers, Departments, or Councilmembers concerning the current operations of the City.
- No action can be taken on matters presented under this title except to answer any questions or to refer the matter for further action.

**5. Adjournment**

**Disclaimers & Notices**

- The Council may enter into closed session to discuss any matter on this agenda when it is determined that a closed session is clearly necessary for the protection of the public interest or the prevention of needless injury to the reputation of an individual (if such individual has not requested a public meeting) or as otherwise allowed by law. Any closed session shall be limited to the subject matter for which the closed session was

called. If the motion to close passes, then immediately prior to the closed session the Mayor shall restate on the record the limitation of the subject matter of the closed session.

- The City of Crete assures that no person shall on the grounds of race, color, national origin, age, disability, handicap or sex, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity of the City receiving Federal financial assistance. To report discrimination, contact the City Clerk's office.
- The complete agenda with attachments is available at [www.crete.ne.gov](http://www.crete.ne.gov).



243 East 13th Street  
 P.O. Box 86  
 Crete, NE 68333-0086

# Application for a Permit to Occupy City of Crete Right-of-Way

(Rev. 2, 11-2015)

I Windstream Nebraska, LLC hereby request to occupy City of Crete Right-of-  
Name

Way at Various locations with a device or structure.  
Address

Description of structure or device:

Windstream proposes to place 2700' of buried 48CO FOC in new 1.25" conduit within city ROW to better serve the area with fiber optic internet.

WO#71501248000000;PR-7443

- Diagram, or print included?
- Necessary permits and licenses obtained? Insurance?
- Approved by the Public Works Director \_\_\_\_\_ Date: \_\_\_\_\_

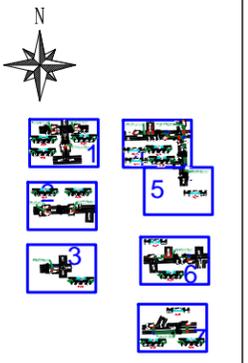
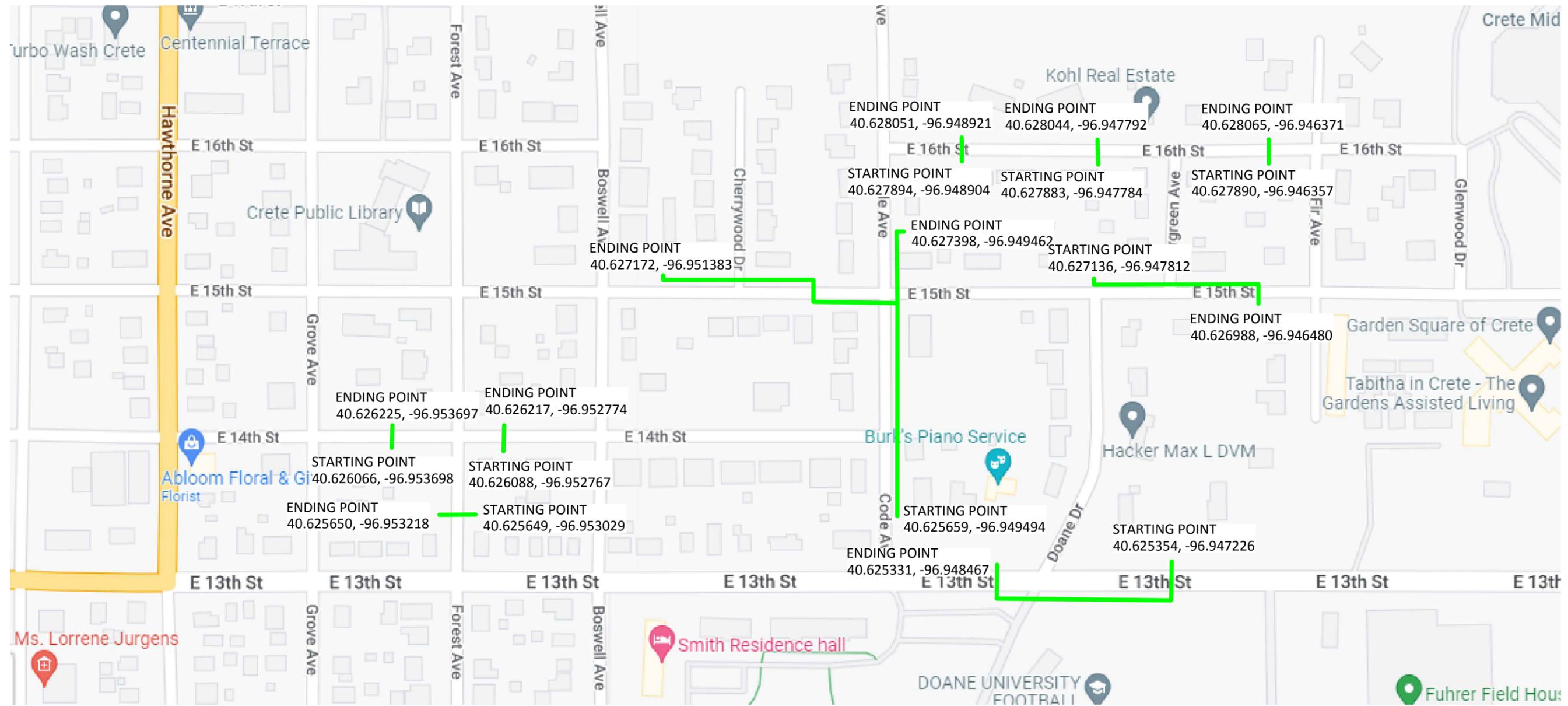
Note:

- 1) All applicants to occupy public right-of-way understand and agree that if, for any reason, the City or its agents require access; the obstruction shall be moved at the applicant's expense.
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- 5) All requests to occupy right-of-way must include a detailed sketch, print, or drawing with dimensions with respect to property lines, paving, curbs etc....
- 6) If this application is for underground sprinkler systems, a print or drawing of the system including location of lines and heads with measurements listed must accompany the application. Additionally, the applicant may be required to provide proof of proper permits to install, plumb, and provide backflow protection for said underground sprinkler systems.
- 7) Application for a permanent structure deemed to be a traffic or public safety hazard or which limit visibility will be denied.
- 8) An application shall be approved before any construction or installation is allowed to begin.

Malwin Fecher  
 Signature of Applicant

08/08/2022  
 Date of Application

# Windstream LOCATION MAP E 14TH ST

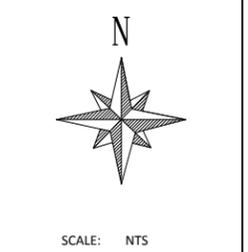


**LEGEND**

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SW SIDEWALK
- EOP
- BOC
- POLE
- POWER POLE



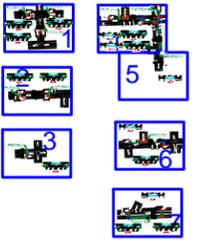
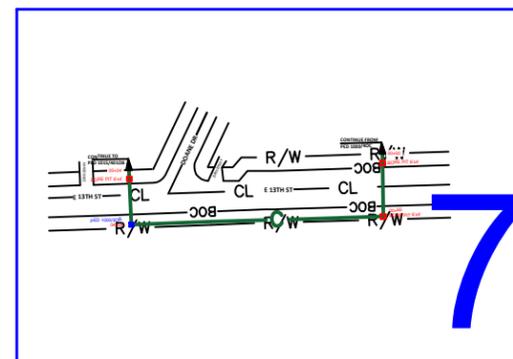
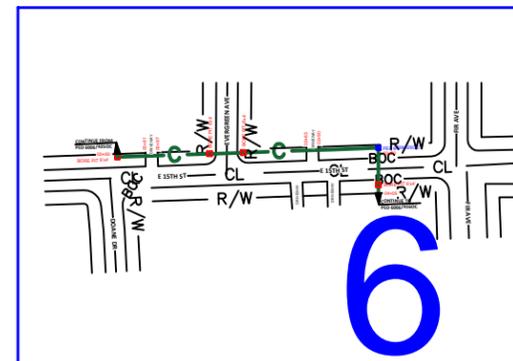
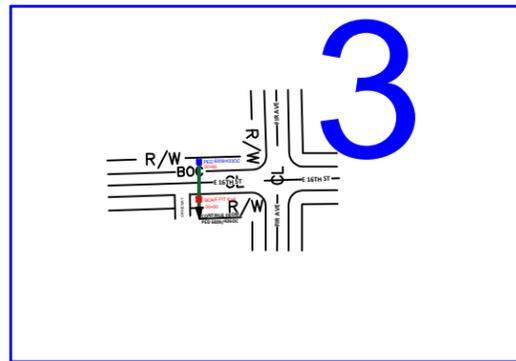
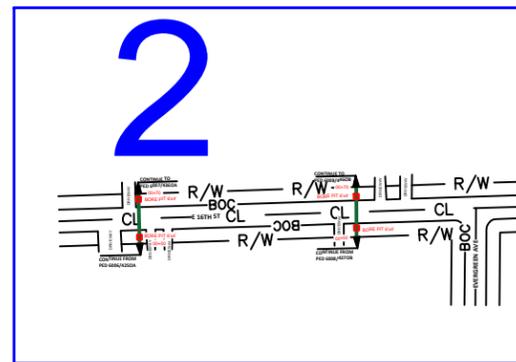
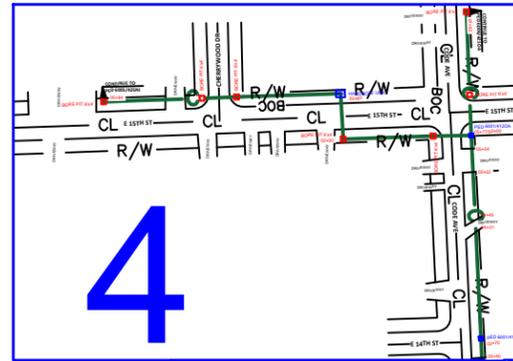
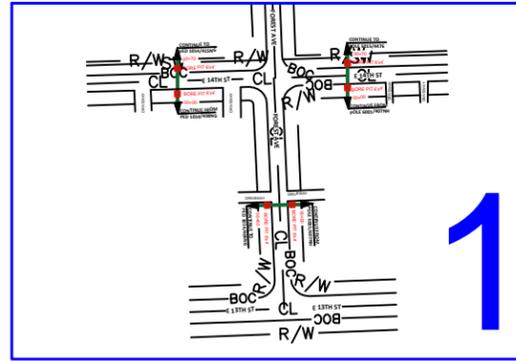
DATE CREATED: 7/12/22  
DATE REVISED:  
DRAWN BY: RAMTECH



COMPANY: Windstream  
SYSTEM: CRETE, NE  
PROJECT NUMBER: 715012480  
DESCRIPTION: FTTP GPON PERMIT  
MAP: LOCATION MAP

**RAMTECH**

# CITY PERMIT E 14TH ST



### LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
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DATE CREATED: 7/12/22

DATE REVISED:

DRAWN BY: RAMTeCH



SCALE: NTS

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

PROJECT NUMBER:  
715012480

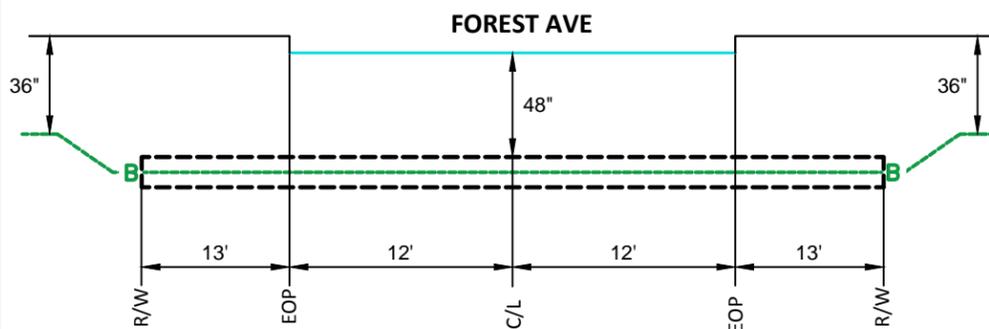
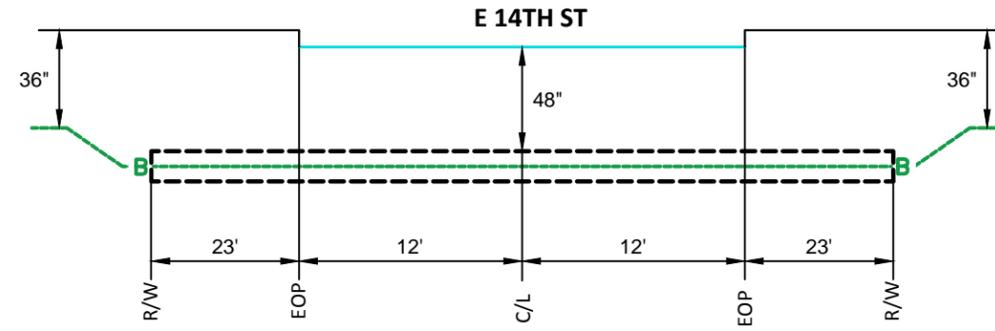
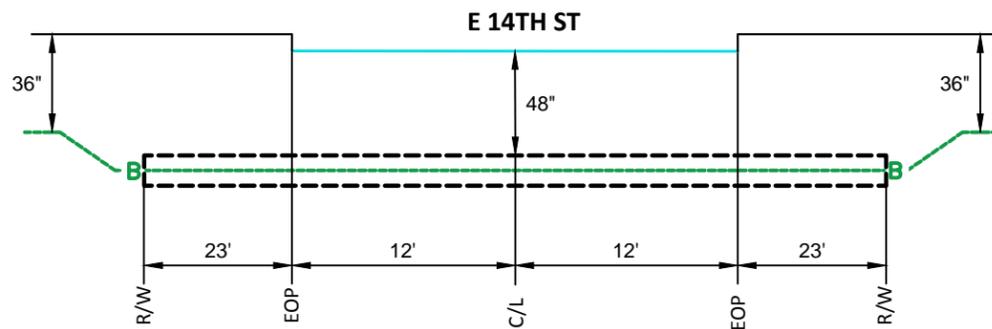
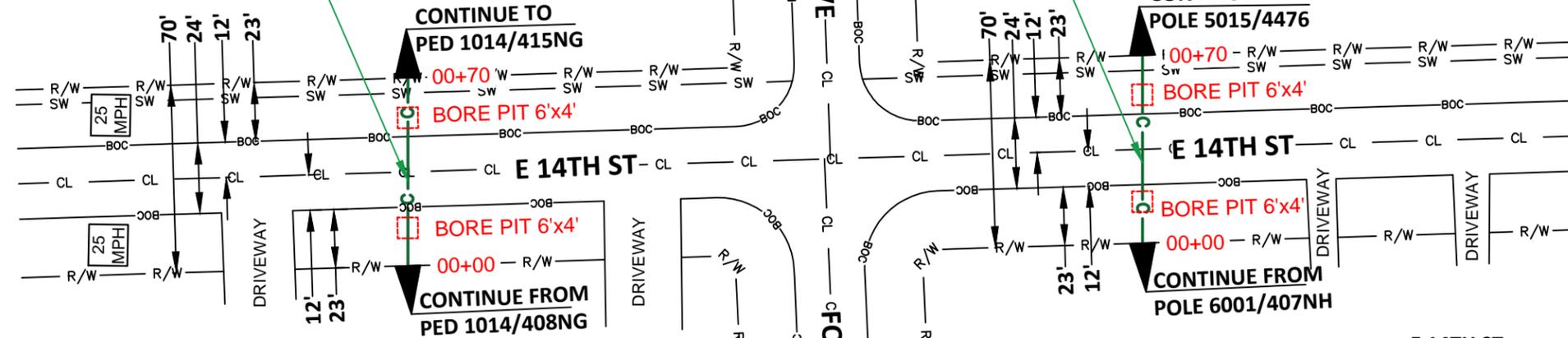
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MAP:  
KEY MAP

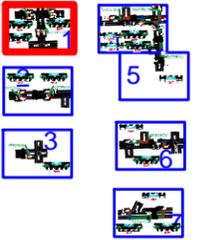
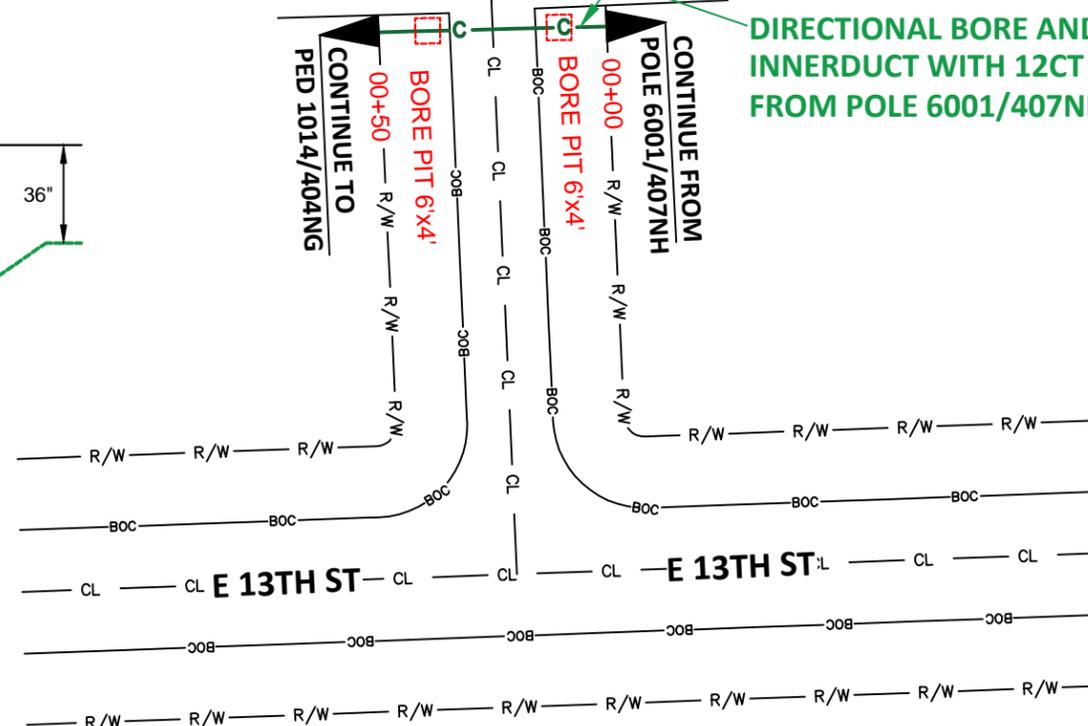
RAMTeCH

**DIRECTIONAL BORE AND PLACE 70' OF (1)1.25" INNERDUCT WITH 12CT FIBER AT A DEPTH OF 36" FROM PED 1014/408NG TO PED 1014/415NG.**

**DIRECTIONAL BORE AND PLACE 70' OF (1)1.25" INNERDUCT WITH 12CT FIBER AT A DEPTH OF 36" FROM POLE 6001/407NH TO POLE 5015/4476.**



**DIRECTIONAL BORE AND PLACE 50' OF (1)1.25" INNERDUCT WITH 12CT FIBER AT A DEPTH OF 36" FROM POLE 6001/407NH TO PED 1014/404NG.**



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SCALE: 1:50

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

PROJECT NUMBER:  
715012480

DESCRIPTION:  
FTTP GPON PERMIT

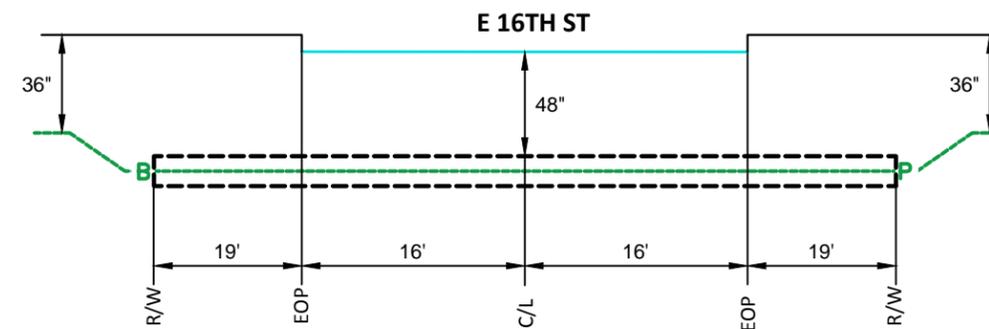
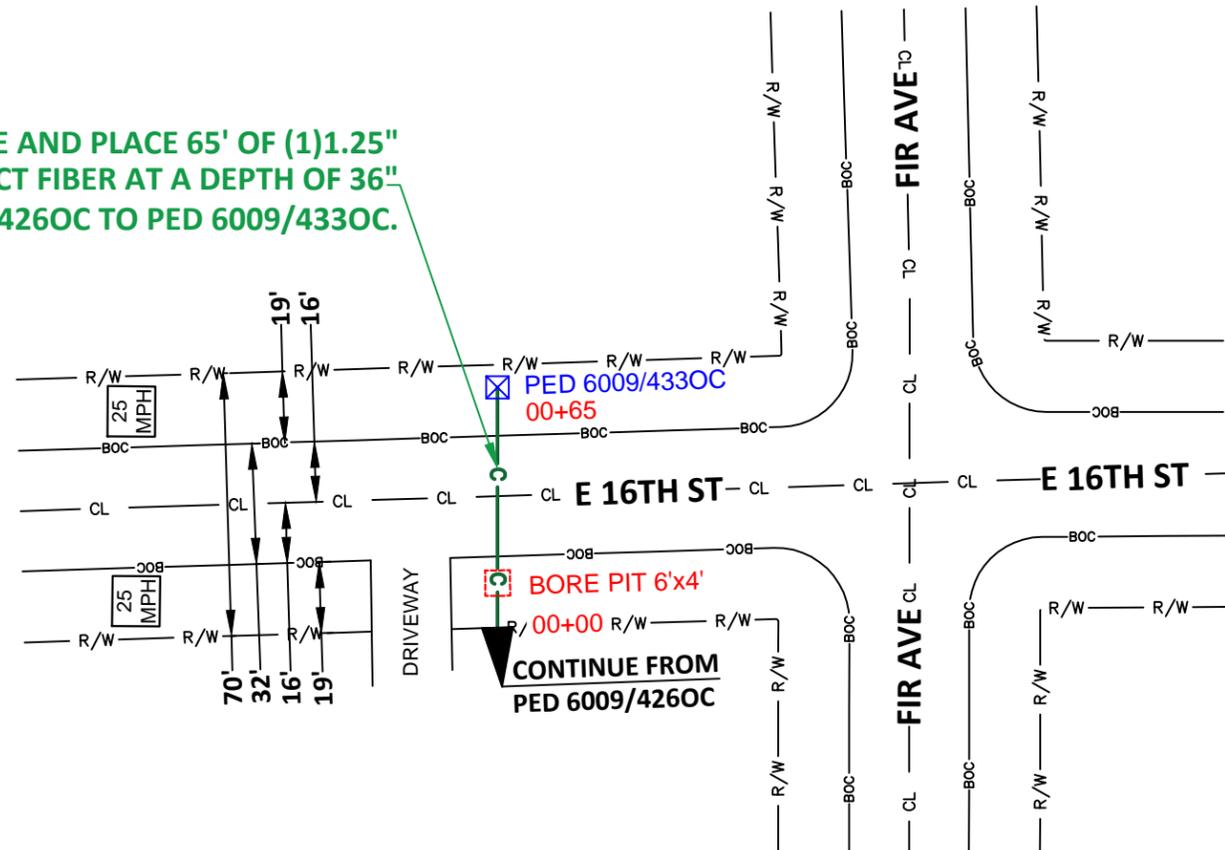
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**1 OF 7**

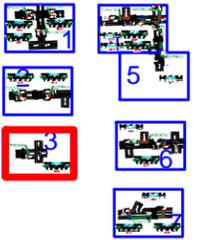
**RAMTeCH**



**DIRECTIONAL BORE AND PLACE 65' OF (1)1.25" INNERDUCT WITH 12CT FIBER AT A DEPTH OF 36" FROM PED 6009/426OC TO PED 6009/433OC.**



TYPICAL BORE DETAIL  
2 LANE ROAD CROSSING  
LOOKING NORTHWEST  
NTS



LEGEND

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- AERIAL OVERLASH
- SW SIDEWALK
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SCALE: 1:50

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

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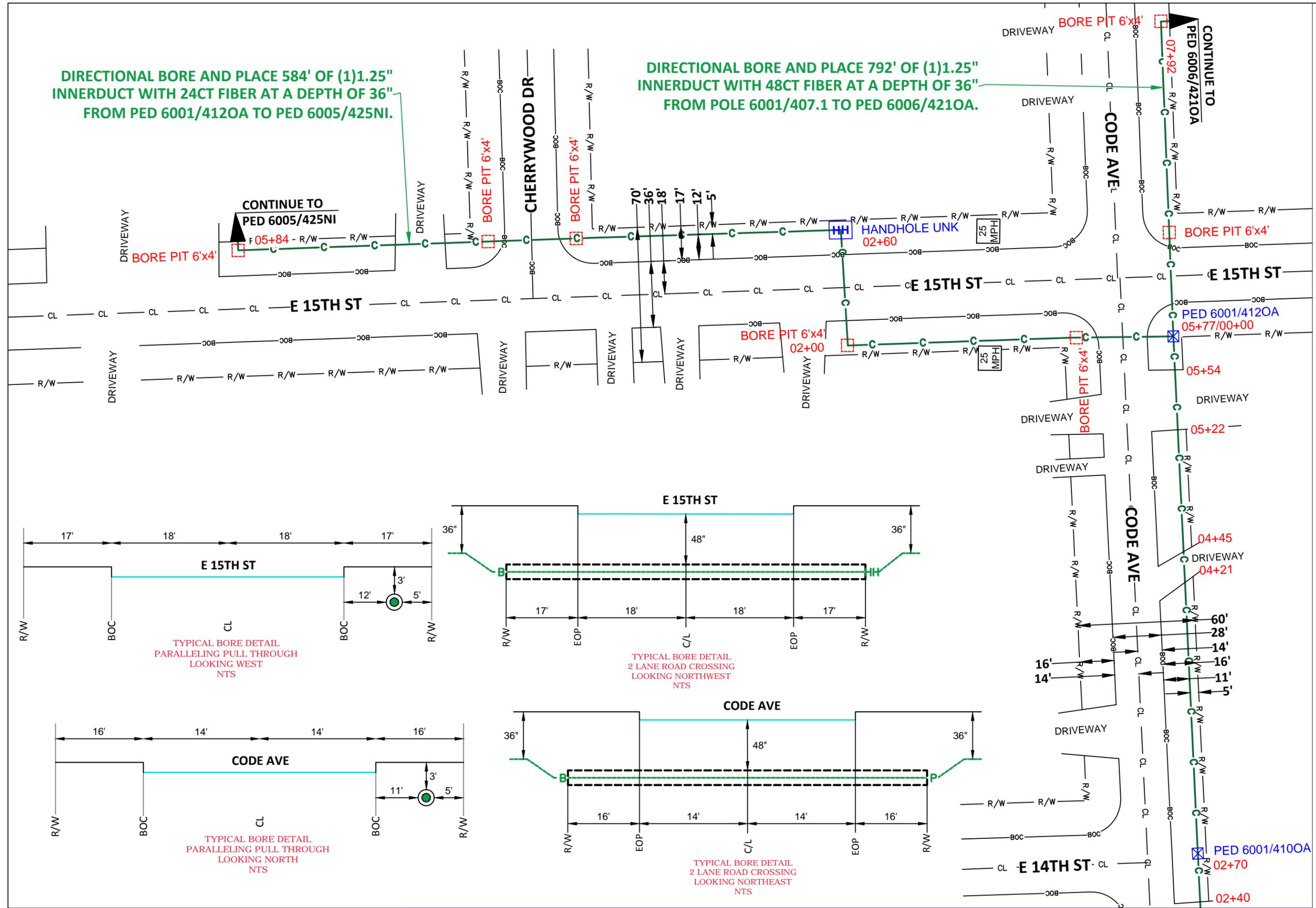
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FTTP GPON PERMIT

MAP:  
**3 OF 7**

**RAMTeCH**

**DIRECTIONAL BORE AND PLACE 584' OF (1)1.25" INNERDUCT WITH 24CT FIBER AT A DEPTH OF 36" FROM PED 6001/4120A TO PED 6005/425NI.**

**DIRECTIONAL BORE AND PLACE 792' OF (1)1.25" INNERDUCT WITH 48CT FIBER AT A DEPTH OF 36" FROM POLE 6001/407.1 TO PED 6006/4210A.**

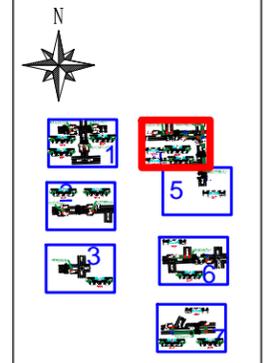


TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING WEST  
NTS

TYPICAL BORE DETAIL  
2 LANE ROAD CROSSING  
LOOKING NORTHWEST  
NTS

TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING NORTH  
NTS

TYPICAL BORE DETAIL  
2 LANE ROAD CROSSING  
LOOKING NORTHEAST  
NTS

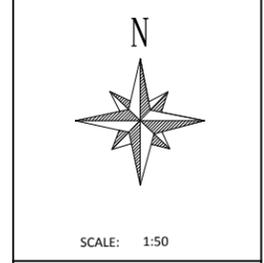


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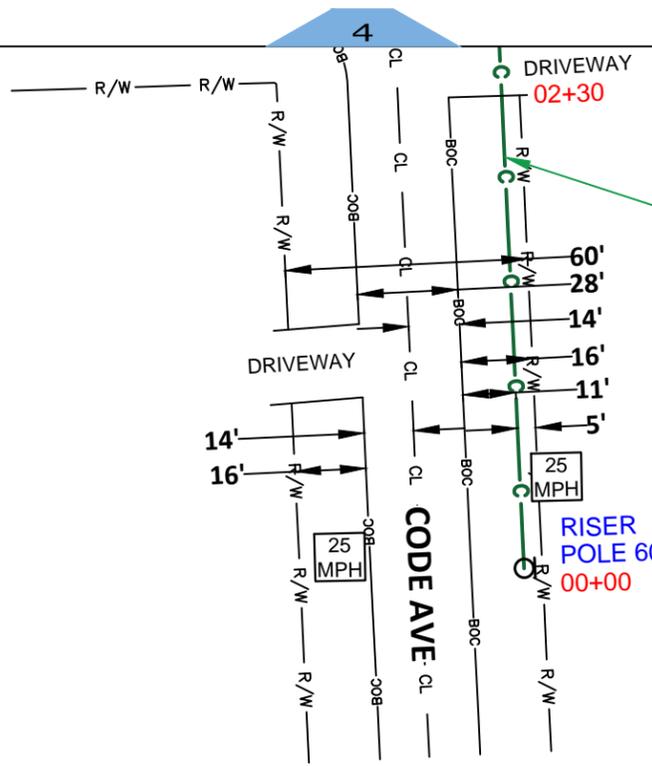
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**4 OF 7**

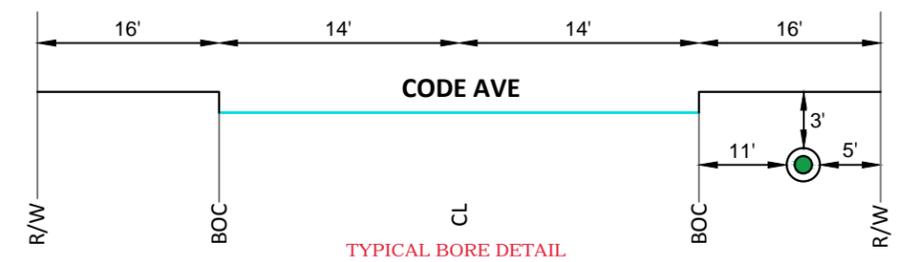
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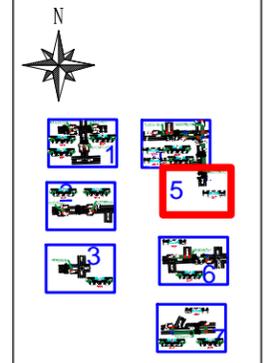
**DIRECTIONAL BORE AND PLACE 792' OF (1)1.25" INNERDUCT WITH 48CT FIBER AT A DEPTH OF 36" FROM POLE 6001/407.1 TO PED 6006/4210A.**

**RISER POLE 6001/407.1 00+00**

**25 MPH**



**TYPICAL BORE DETAIL PARALLELING PULL THROUGH LOOKING NORTH NTS**

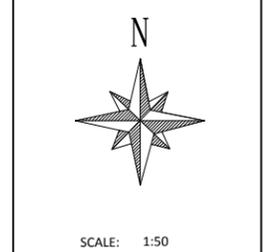


LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SW — SIDEWALK
- EOP — EOP
- BOC — BOC
- POLE
- ⊗ POWER POLE



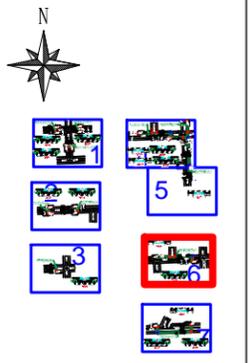
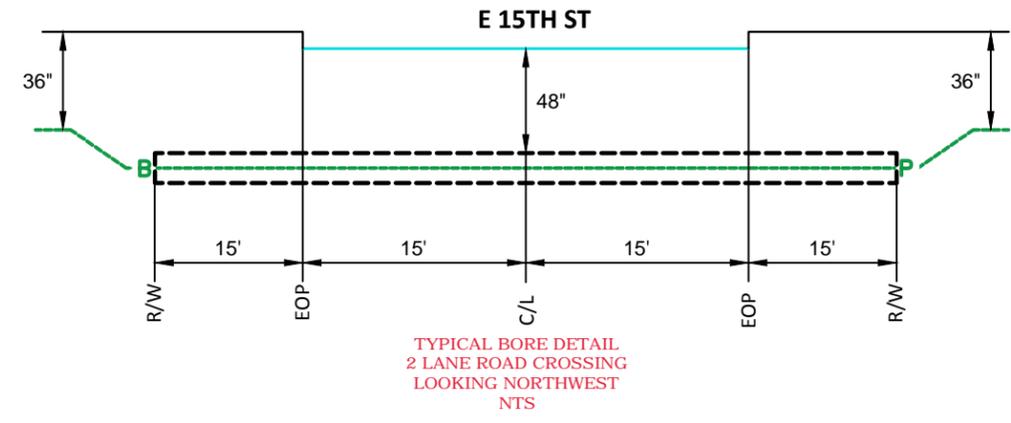
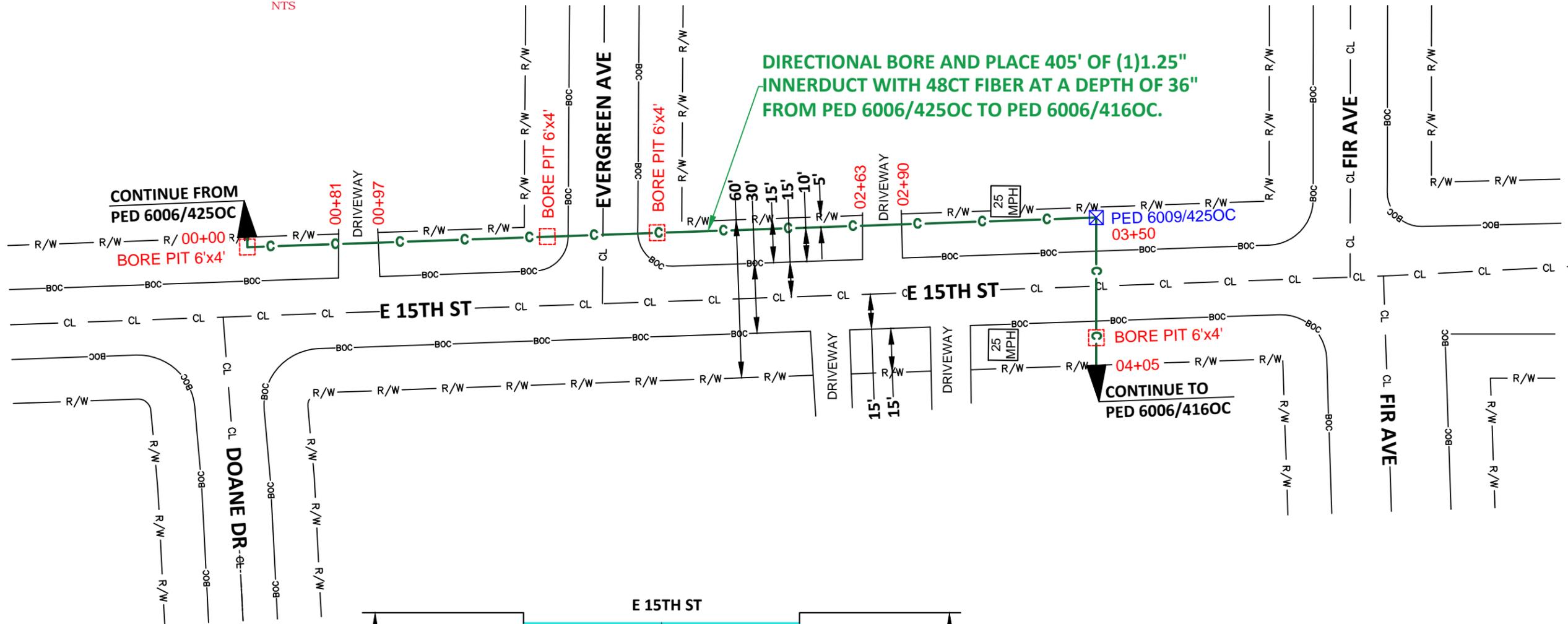
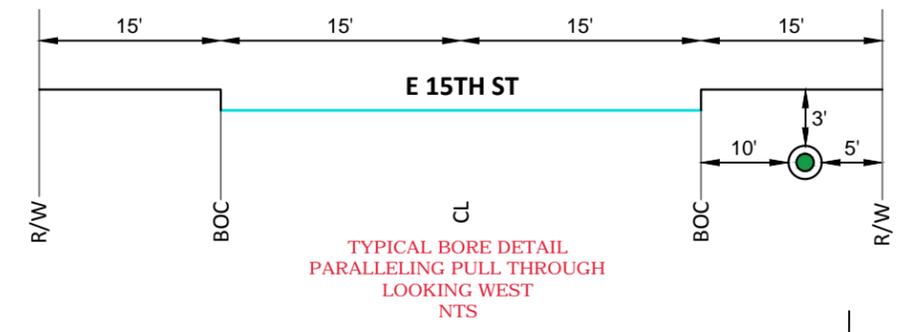
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 DRAWN BY: RAMTeCH



COMPANY:  
 Windstream  
 SYSTEM:  
 CRETE, NE  
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 715012480  
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 FTTP GPON PERMIT  
 MAP:

**5 OF 7**

**RAMTeCH**

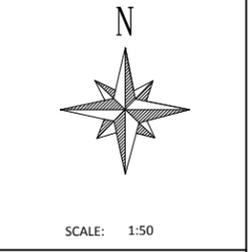


LEGEND

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- SW — AERIAL OVERLASH
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- BOC — EOP
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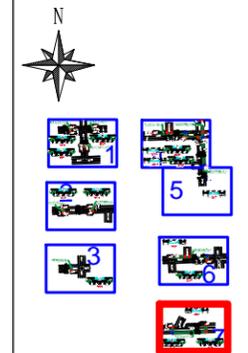
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COMPANY:  
Windstream  
SYSTEM:  
CRETE, NE  
PROJECT NUMBER:  
715012480  
DESCRIPTION:  
FTTP GPON PERMIT  
MAP:

6 OF 7

RAMTeCH



LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SIDEWALK
- SW
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- ⊗ POWER POLE



DATE CREATED: 7/12/22  
 DATE REVISED:  
 DRAWN BY: RAMTeCH



SCALE: 1:50

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

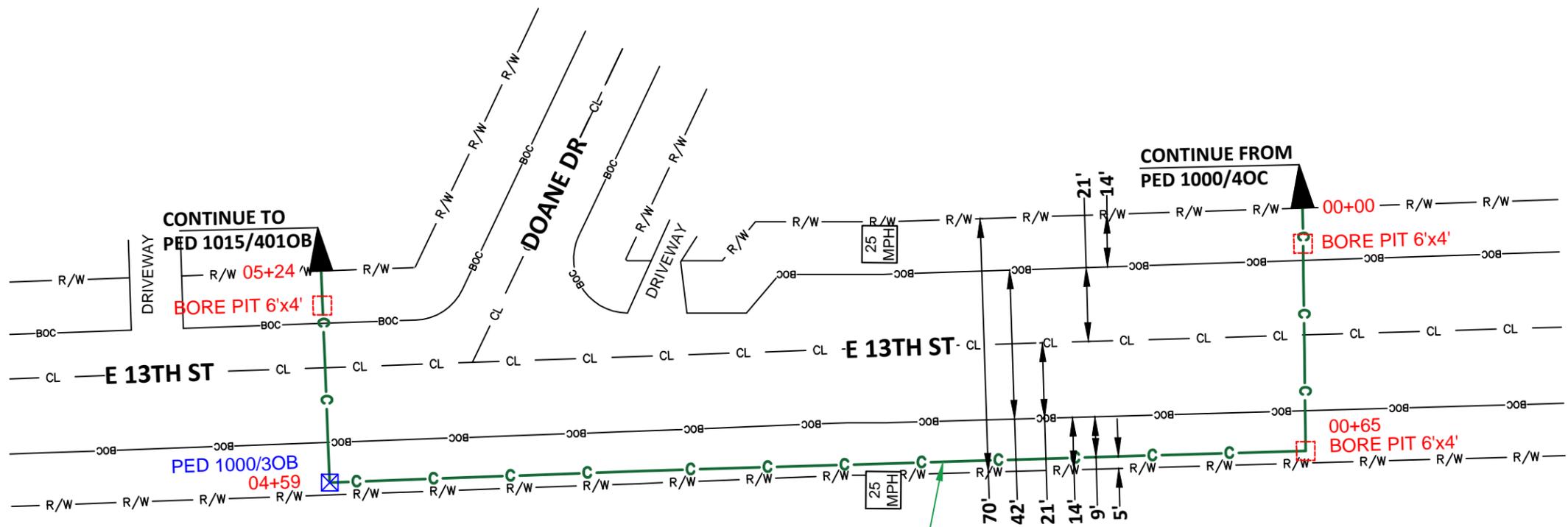
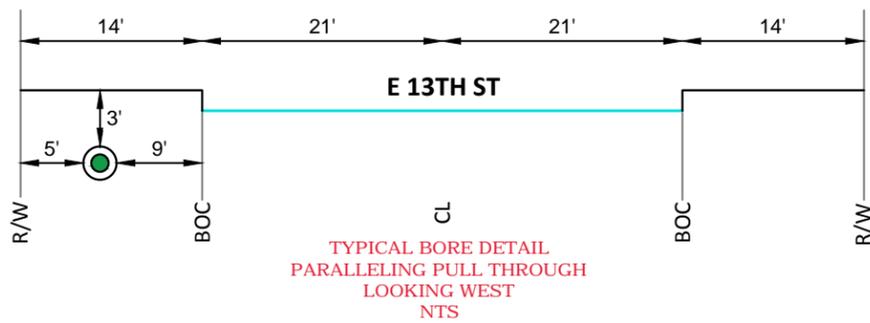
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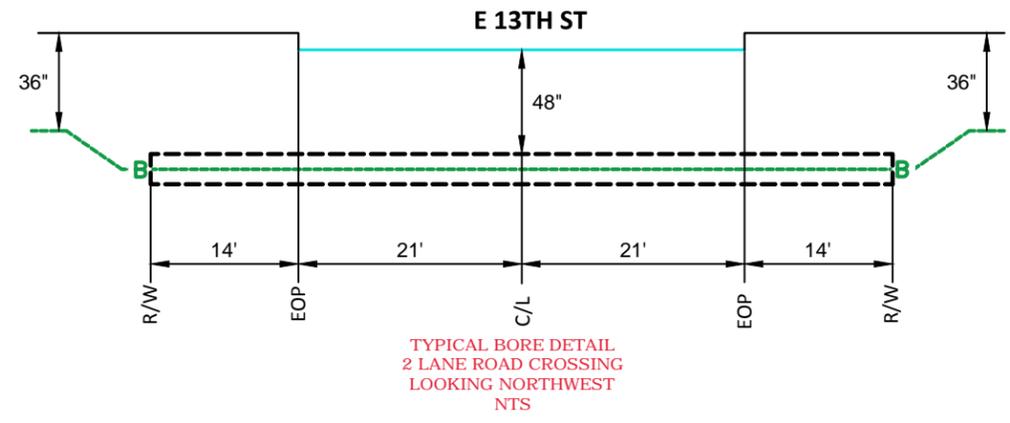
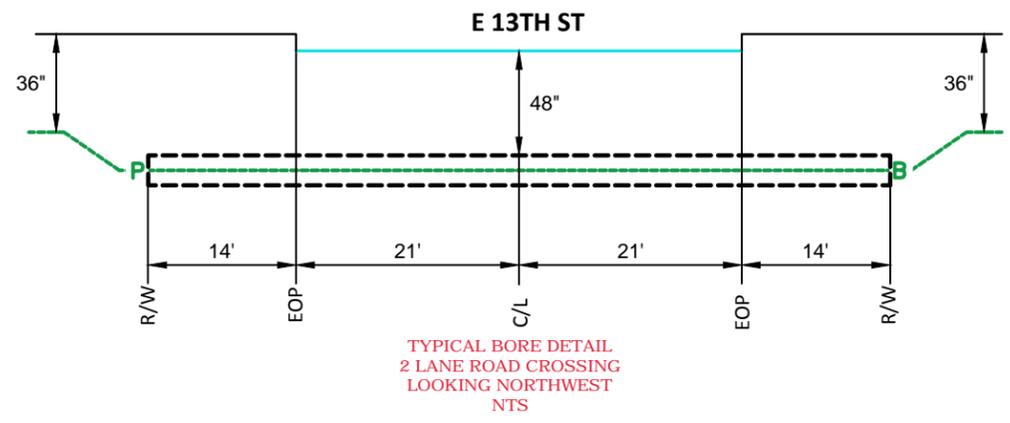
MAP:

7 OF 7

RAMTeCH



DIRECTIONAL BORE AND PLACE 524' OF (1)1.25" INNERDUCT WITH 12CT FIBER AT A DEPTH OF 36" FROM PED 1000/40C TO PED 1015/401OB.





243 East 13th Street  
P.O. Box 86  
Crete, NE 68333-  
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WO#71501248500000;PR-7993

- Diagram, or print included?
- Necessary permits and licenses obtained? Insurance?
- Approved by the Public Works Director \_\_\_\_\_ Date: \_\_\_\_\_

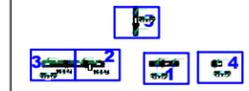
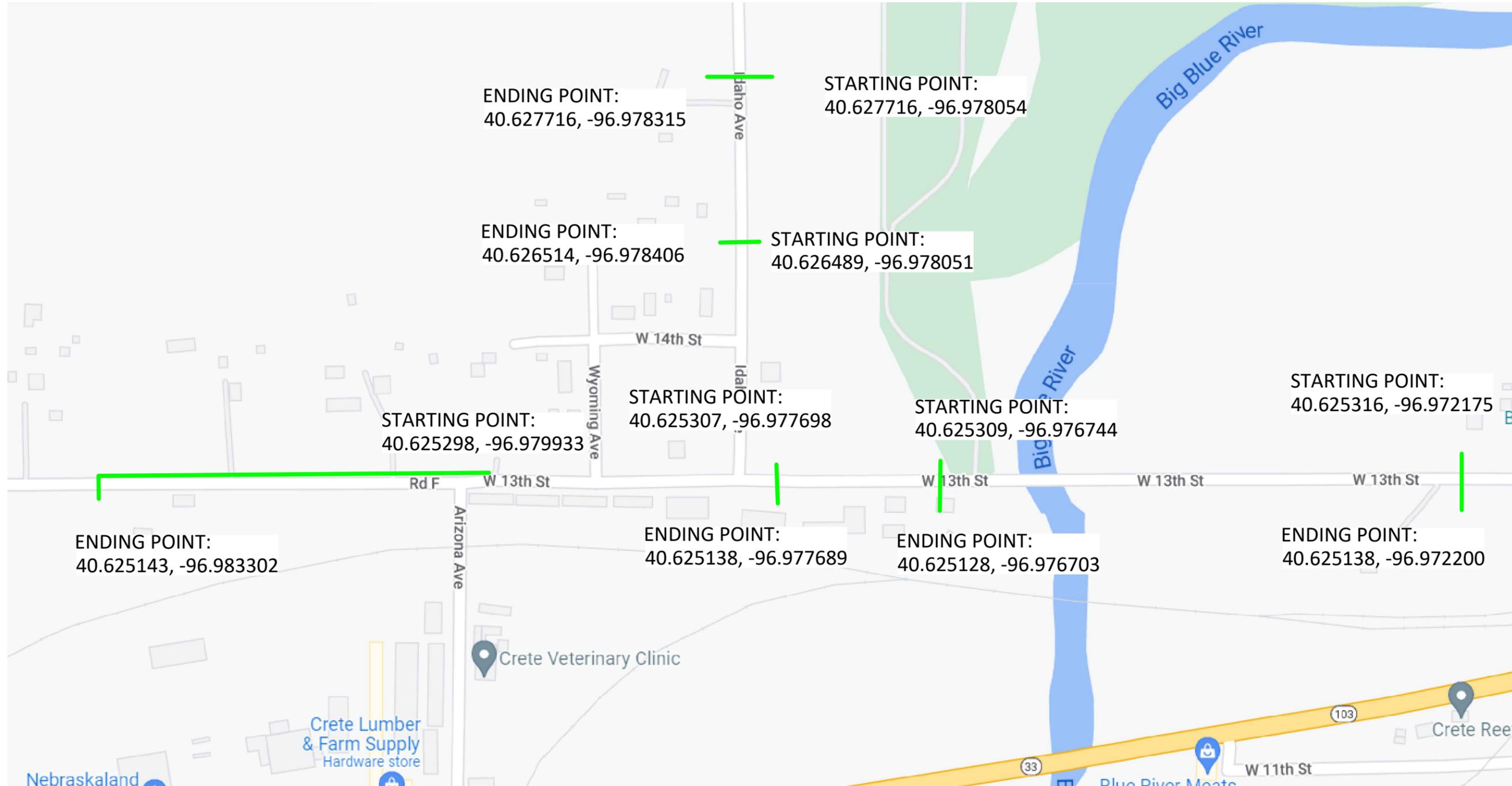
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Melvin Fecher  
Signature of Applicant

08/01/2022  
Date of Application

# Windstream LOCATION MAP W 13TH ST



LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SIDEWALK
- BOC
- EOP
- POLE
- POWER POLE



DATE CREATED: 7/9/22

DATE REVISED:

DRAWN BY: RAMTeCH



SCALE: NTS

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

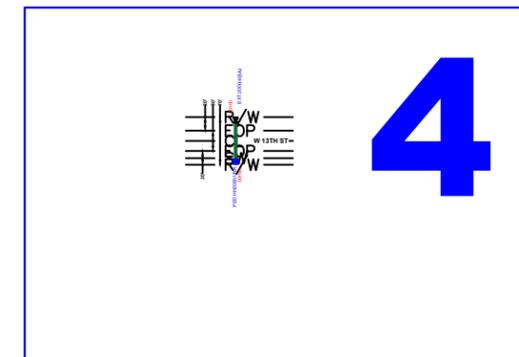
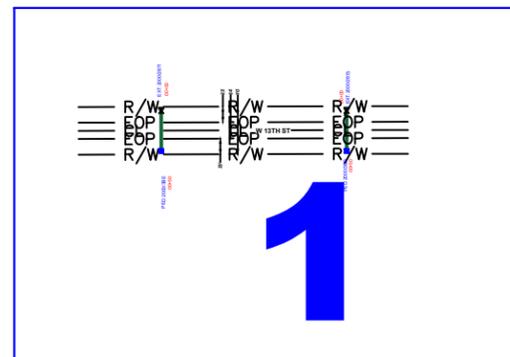
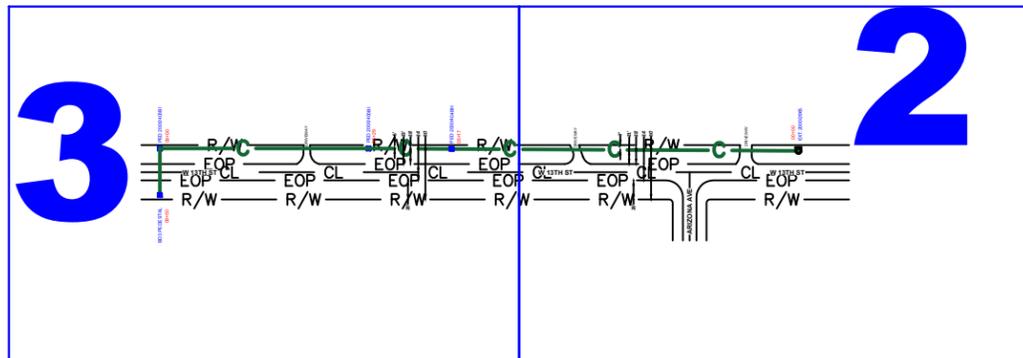
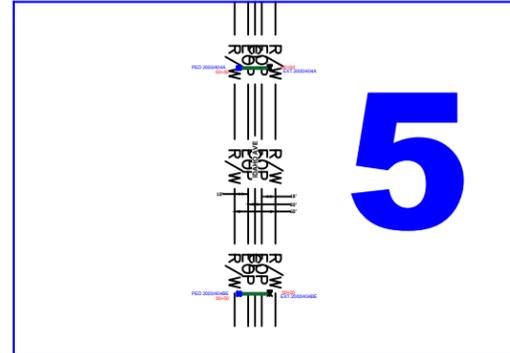
PROJECT NUMBER:  
715012485

DESCRIPTION:  
FTTP GPON PERMIT

MAP:  
LOCATION MAP

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# CITY PERMIT W 13TH ST



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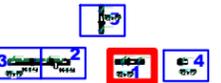
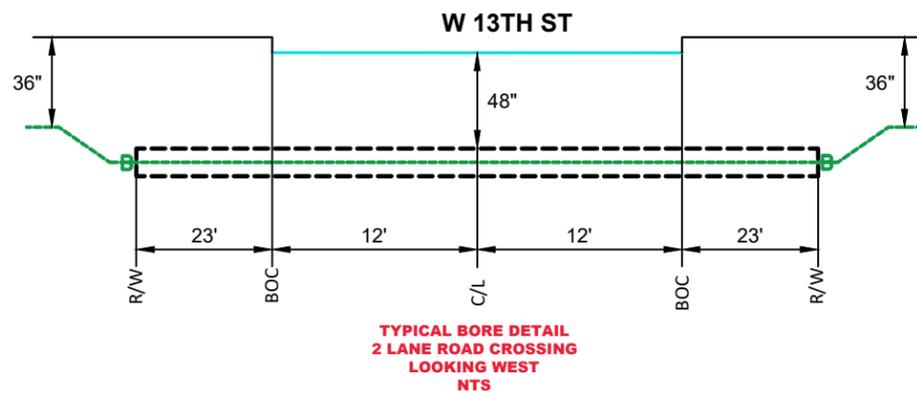
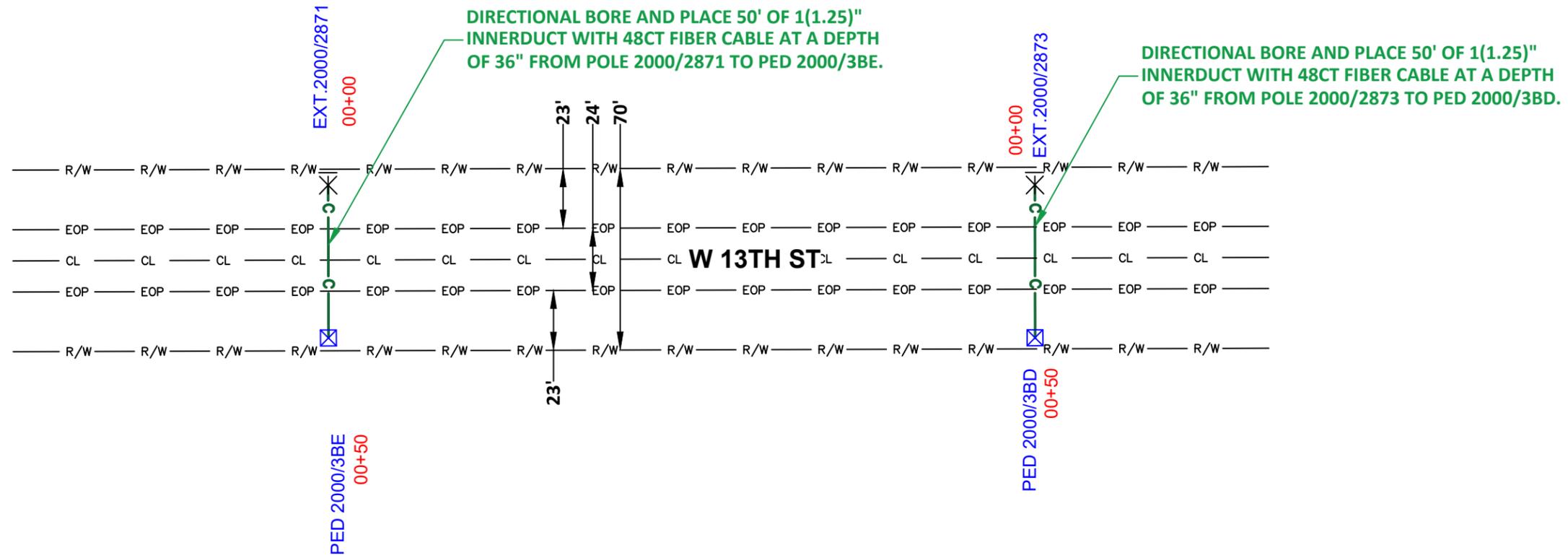
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**KEY MAP**

**RAMTeCH**



LEGEND

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- SW — SW SIDEWALK
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SCALE: 1:50

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

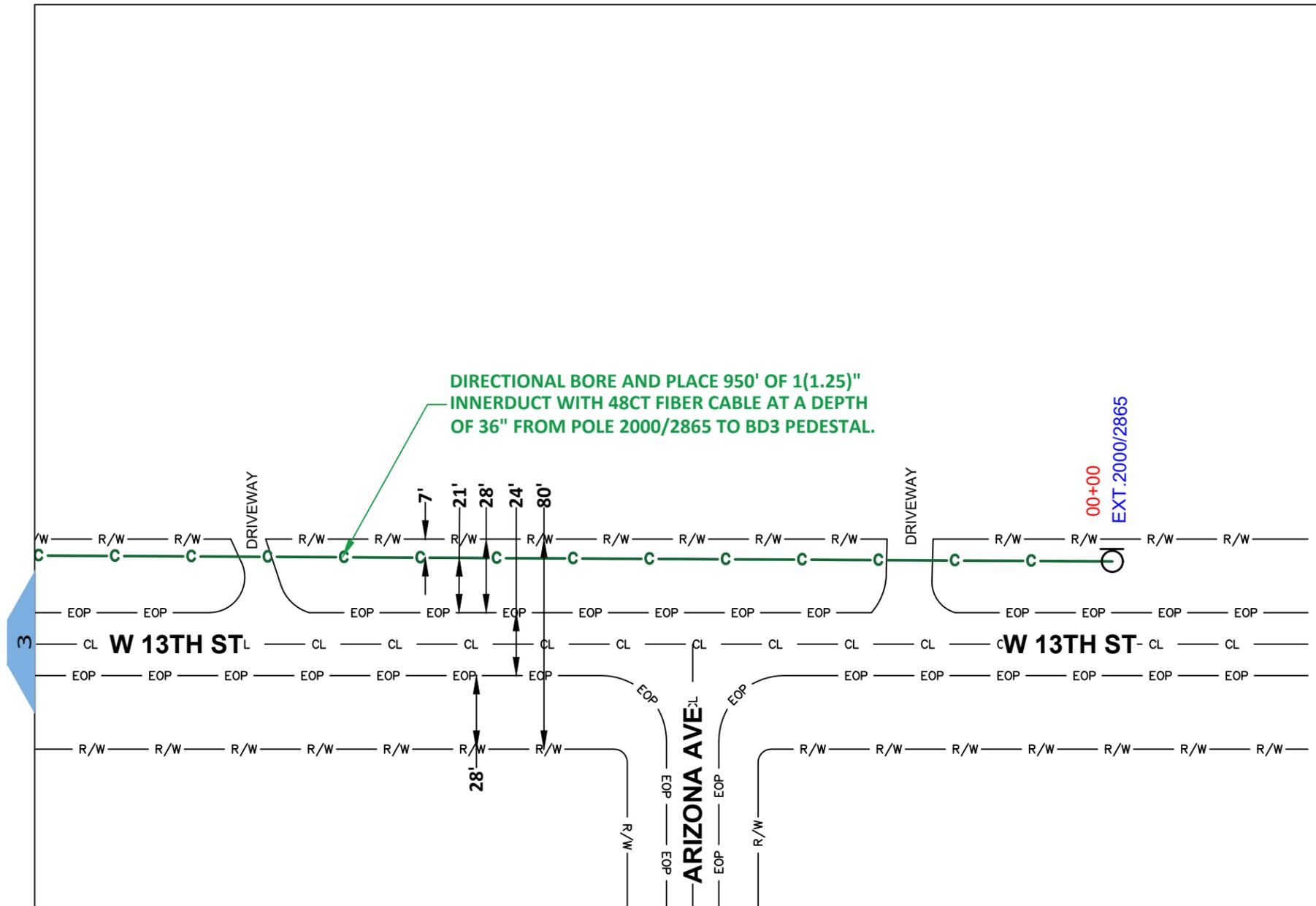
PROJECT NUMBER:  
715012485

DESCRIPTION:  
FTTP GPON PERMIT

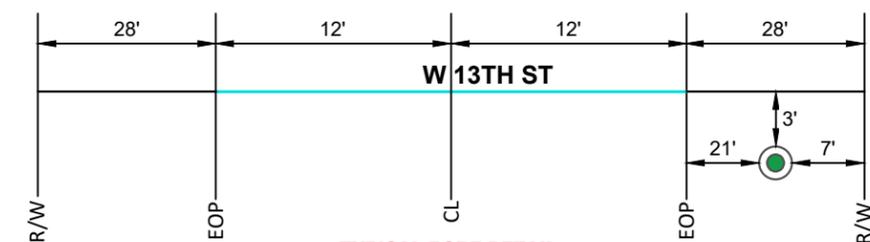
MAP:

1 OF 5

RAMTeCH



00+00  
EXT. 2000/2865



**TYPICAL BORE DETAIL  
PARALLELING PULL THROUGH  
LOOKING WEST  
NTS**

N

LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SIDEWALK
- BOC
- EOP
- POLE
- POWER POLE



DATE CREATED: 7/9/22  
DATE REVISED:  
DRAWN BY: RAMTeCH

N

SCALE: 1:50

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

PROJECT NUMBER:  
715012485

DESCRIPTION:  
FTTP GPON PERMIT

MAP:

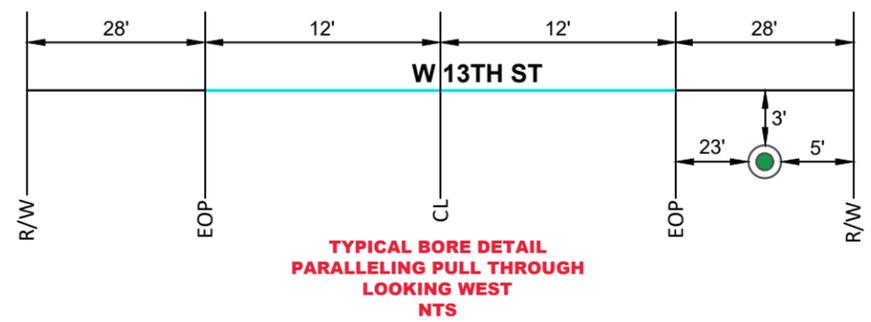
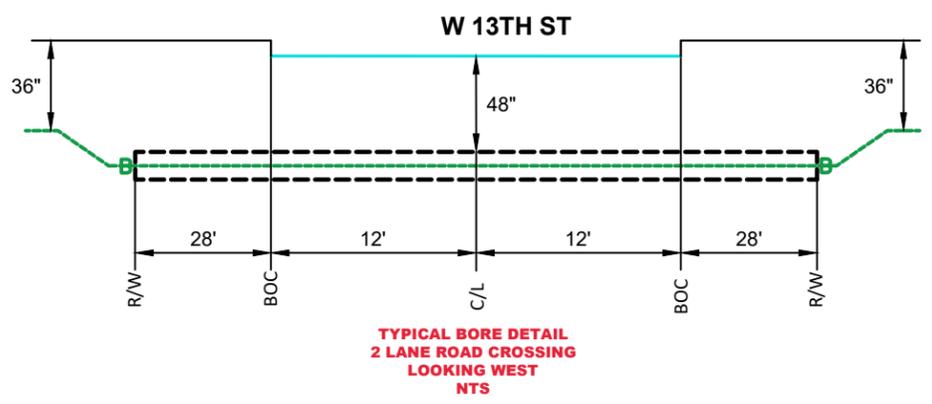
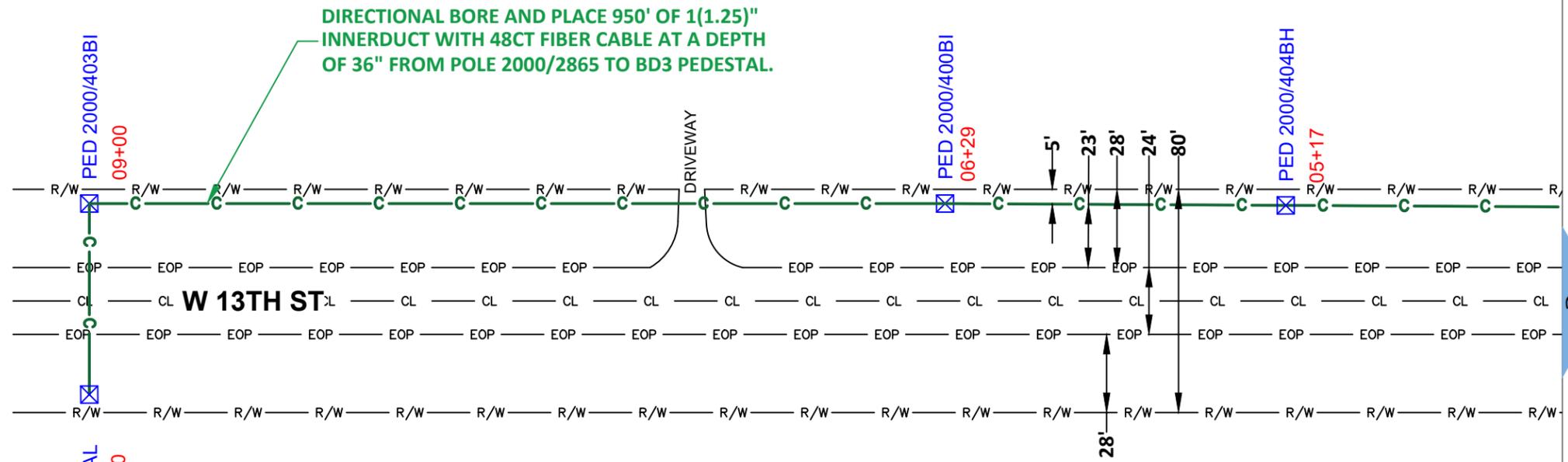
2 OF 5

RAMTeCH



LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SIDEWALK
- BOC
- EOP
- POLE
- POWER POLE



DATE CREATED: 7/9/22  
 DATE REVISED:  
 DRAWN BY: RAMTeCH



SCALE: 1:50

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

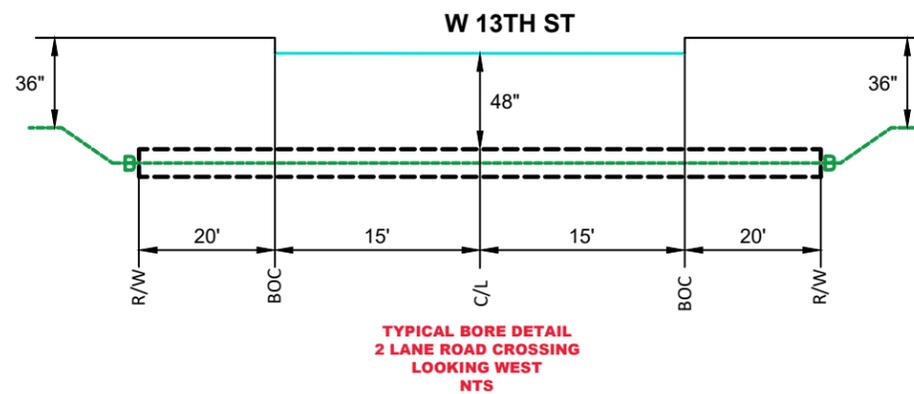
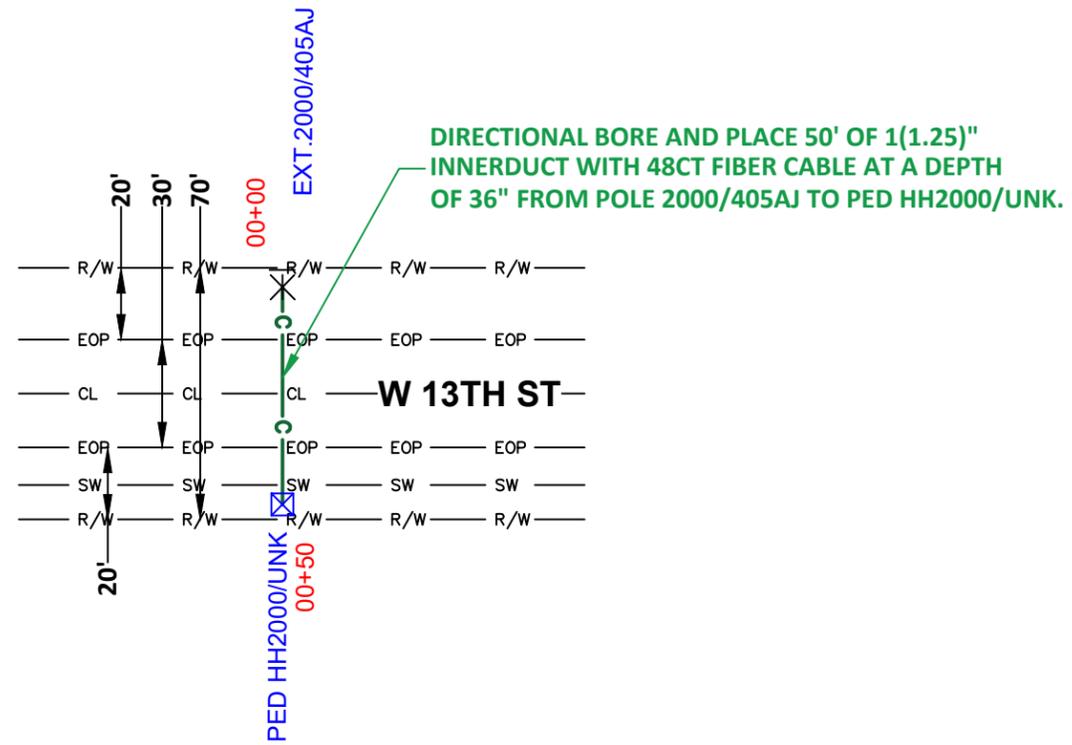
PROJECT NUMBER:  
715012485

DESCRIPTION:  
FTTP GPON PERMIT

MAP:

3 OF 5

RAMTeCH



LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SW SIDEWALK
- BOC
- EOP
- POLE
- POWER POLE



DATE CREATED: 7/9/22

DATE REVISED:

DRAWN BY: RAMTeCH

N



SCALE: 1:50

COMPANY:  
Windstream

SYSTEM:  
CRETE, NE

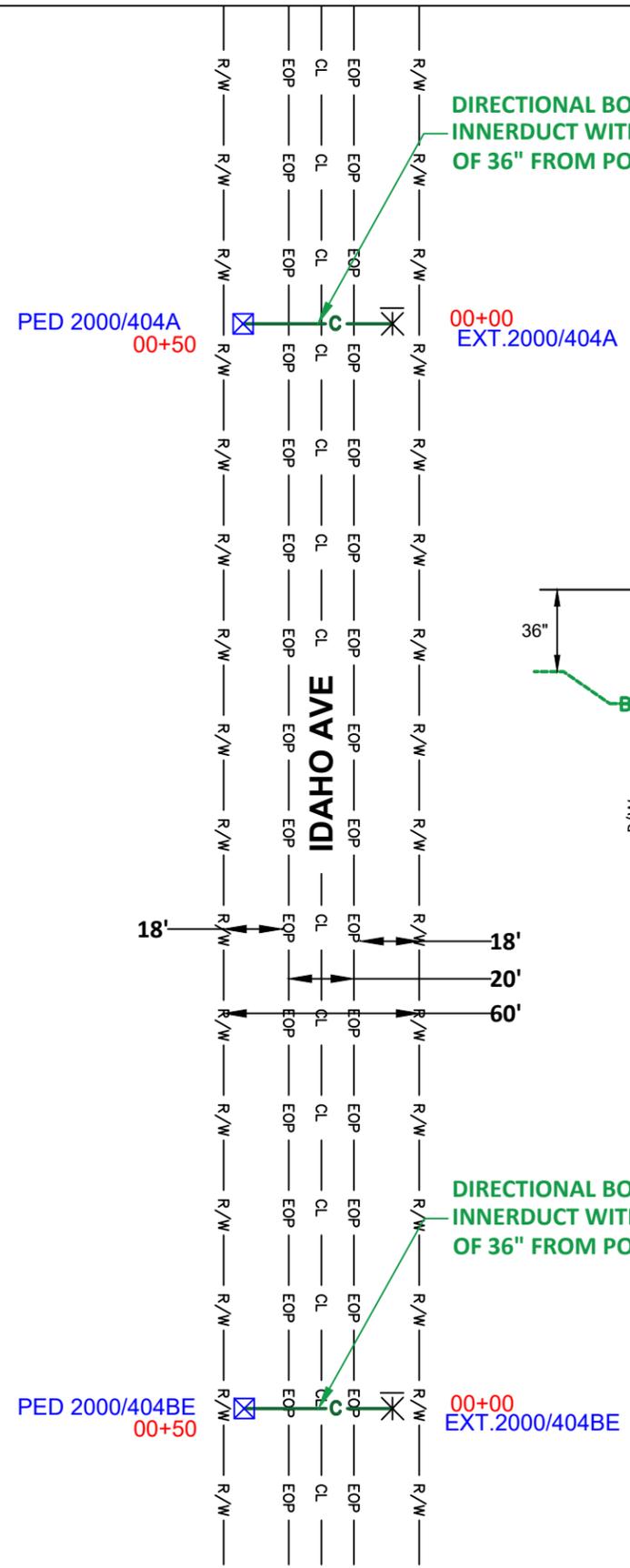
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715012485

DESCRIPTION:  
FTTP GPON PERMIT

MAP:

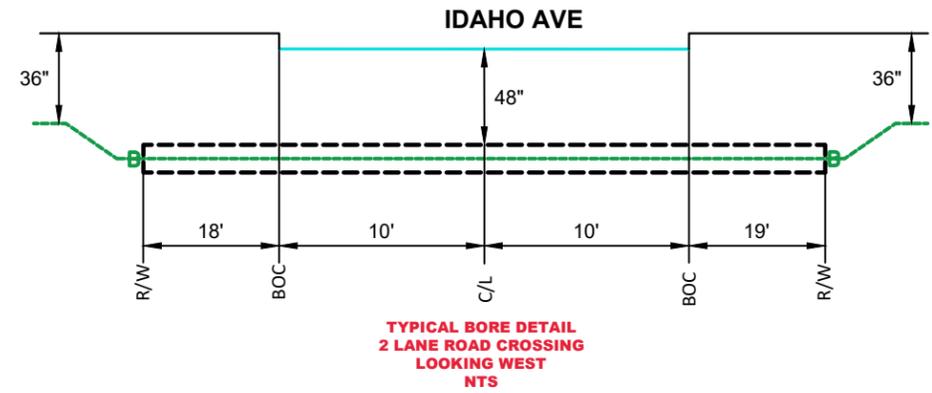
4 OF 5

RAMTeCH



DIRECTIONAL BORE AND PLACE 50' OF 1(1.25)" INNERDUCT WITH 48CT FIBER CABLE AT A DEPTH OF 36" FROM POLE 2000/404A TO PED 2000/404A.

DIRECTIONAL BORE AND PLACE 50' OF 1(1.25)" INNERDUCT WITH 48CT FIBER CABLE AT A DEPTH OF 36" FROM POLE 2000/404BE TO PED 2000/404BE.



N

3 2 4

LEGEND

- PROPOSED CONDUIT
- AERIAL OVERLASH
- SIDEWALK
- BOC
- EOP
- POLE
- POWER POLE



DATE CREATED: 7/9/22  
DATE REVISED:  
DRAWN BY: RAMTeCH

N

SCALE: 1:50

COMPANY:  
Windstream  
SYSTEM:  
CRETE, NE  
PROJECT NUMBER:  
715012485  
DESCRIPTION:  
FTTP GPON PERMIT  
MAP:

5 OF 5

RAMTeCH



CITY OF CRETE
APPLICATION FOR SPECIAL EVENT PERMIT

\* Homecoming Parade \*

Date of Event Sept. 2, 2022

Start Time of Event 4:00pm

Finish Time of Event 5:00pm

Location of Event Line up on 9th Street by Crete Public Schools Welcome Center, go down main to 12th street, Turn towards city park and end at Juniper.

[X] This request is for temporary occupation of the street or sidewalk right-of-way.

Streets or Alleys requesting to be closed

9th Linden to 9th Main

9th Main to 12th Main

12th Main to 12th + Juniper

Special Equipment

Organization Crete Student Council - Crete High School

Responsible Party Crystal Kent - StuCo Advisor

Address 1750 Fris Ave, Crete, NE 68333

Phone 402-418-2816 (cell) 402-826-5811 (High School)

Signature of Responsible Party Crystal Kent

DO NOT WRITE IN THIS SPACE
Application #
Public Works Review
Emergency Services Review
Council Meeting Date
Approved
Denied
Insurance Certificate Required
Ins. Cert. Received
Conditions listed on back

REQUIRED ATTACHMENTS:

Diagram or print of location of event.

If alcoholic liquor will be served, copy of SDL.

If alcoholic liquor will be served, description of barricades, devices, security measures, etc.

to ensure compliance with The Nebraska Liquor Control Act:

Crete High School Homecoming Parade

Copy of insurance covering event with City of Crete as named insured.

I can get a copy of Crete Public Schools Insurance



(Line up)

\*Start



**City of Crete, Nebraska**  
**Cost of Service &**  
**Rate Design Amendment**  
**Flow of Future Funds - Water**  
**Rate Schedule 1**

**Monthly Water Use Rate**  
**Categories:**

Meter Size	2019	2020	2021	2022	2023	2024	2025
3/4"	\$16.15	\$16.96	\$17.77	\$17.77	\$22.57	\$24.38	\$26.09
1"	\$26.41	\$27.73	\$29.05	\$29.05	\$36.89	\$39.84	\$42.63
1.5"	\$53.49	\$56.16	\$58.84	\$58.84	\$74.73	\$80.71	\$86.36
2"	\$85.50	\$89.78	\$94.05	\$94.05	\$119.44	\$129.00	\$138.03
3"	\$159.60	\$167.58	\$175.56	\$175.56	\$222.96	\$240.80	\$257.66
4"	\$266.55	\$279.88	\$293.21	\$293.21	\$372.38	\$402.17	\$430.32

**Commodity Fee**

First 50,000	\$0.98	\$0.98	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Next 50,000	\$0.81	\$0.81	\$0.83	\$0.83	\$0.83	\$0.83	\$0.83
Over 100,000	\$0.81	\$0.81	\$0.83	\$0.83	\$0.83	\$0.83	\$0.83

**Rate of Inflation:** 4.0%

Assumed for 2023 to  
2025

**Yearly Revenue Increase:** 1.0%

**Capital Improvements and  
Reserve:** 10.0%

	Projected Years						
	2019	2020	2021	2022	2023	2024	2025
<b>Operating Revenue</b>							
Water Sale Revenue	\$794,245	\$810,343	\$878,417	\$860,211	\$1,038,632	\$1,112,890	\$1,184,453
Other Income	\$34,196	\$33,073	\$12,070	\$23,800	\$23,900	\$24,000	\$24,100
Special Assessments	\$0	(\$417)	\$190,061	\$0	\$0	\$0	\$0
<b>Total Operating Revenue</b>	<b>\$828,441</b>	<b>\$842,998</b>	<b>\$1,080,549</b>	<b>\$884,011</b>	<b>\$1,062,532</b>	<b>\$1,136,890</b>	<b>\$1,208,553</b>
O & M Expenses (Less Depreciation and Interest)	(\$773,718)	(\$836,577)	(\$882,785)	(\$912,400)	(\$948,896)	(\$986,852)	(\$1,026,326)
<b>Net Operating Revenue</b>	<b>\$54,723</b>	<b>\$6,420</b>	<b>\$197,764</b>	<b>(\$28,389)</b>	<b>\$113,636</b>	<b>\$150,038</b>	<b>\$182,228</b>
<b>Debt Service</b>							
Proposed bond Issuance	\$0	\$0	\$0	\$0	\$0	\$900,000	\$0
Proposed Bond and Interest Payments	\$0	\$0	\$0	\$0	\$0	\$0	(\$55,041)
<b>Net Debt Service</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$900,000</b>	<b>(\$55,041)</b>
<b>Other Obligations</b>							
Capital Improvements and Reserve	(\$79,424)	(\$81,034)	(\$87,842)	(\$86,021)	(\$103,863)	(\$1,011,289)	(\$118,445)
<b>Total Other Obligations</b>	<b>(\$79,424)</b>	<b>(\$81,034)</b>	<b>(\$87,842)</b>	<b>(\$86,021)</b>	<b>(\$103,863)</b>	<b>(\$1,011,289)</b>	<b>(\$118,445)</b>
<b>Total Annual Revenue</b>	<b>\$828,441</b>	<b>\$842,998</b>	<b>\$1,080,549</b>	<b>\$884,011</b>	<b>\$1,062,532</b>	<b>\$2,036,890</b>	<b>\$1,208,553</b>
<b>Total Annual Expenses</b>	<b>(\$853,142)</b>	<b>(\$917,612)</b>	<b>(\$970,626)</b>	<b>(\$998,421)</b>	<b>(\$1,052,759)</b>	<b>(\$1,998,141)</b>	<b>(\$1,199,812)</b>
<b>Net Balance from Operations</b>	<b>(\$24,701)</b>	<b>(\$74,614)</b>	<b>\$109,922</b>	<b>(\$114,410)</b>	<b>\$9,772</b>	<b>\$38,749</b>	<b>\$8,741</b>
<b>Percent Deficiency of Water Service Revenue</b>	<b>-3.0%</b>	<b>-8.9%</b>	<b>---</b>	<b>-12.9%</b>	<b>---</b>	<b>---</b>	<b>---</b>

# Crete, Nebraska

## 2022 Cost of Service / Rate Design Study

Preliminary 7/18/22

For FYE September		2020	2021	2022	2023	2024	2025	2026	2027
a	Sales Growth Base Load				0.0%	0.0%	0.0%	0.0%	0.0%
b	Operation Expense Inflation (less Power Costs)	24.8%	-10.7%	14.6%	4.0%	4.0%	4.0%	4.0%	4.0%
c	General Inflation				4.0%	4.0%	4.0%	4.0%	4.0%
d	Interest Rate on Cash Balances	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
e	Purchase Power Adjustments	4.1%	2.6%	3.2%	3.1%	3.1%	2.9%	2.9%	2.9%
<b>Rate Adjustments</b>					<b>3.9%</b>	<b>3.9%</b>	<b>3.9%</b>	<b>3.9%</b>	<b>3.9%</b>
g	Effective date				Oct 1, 2022	Oct 1, 2023	Oct 1, 2024	Oct 1, 2025	Oct 1, 2026
For FYE September		2020	2021	2022	2023	2024	2025	2026	2027
<b>Revenues</b>									
1	Retail Sales	11,261,618	11,015,898	10,761,400	11,181,095	11,617,157	12,070,226	12,540,965	13,030,063
2	Other Operating Rev	324,996	206,011	140,300	145,912	151,748	157,818	164,131	170,696
3	<b>Total Revenues</b>	<b>11,586,614</b>	<b>11,221,910</b>	<b>10,901,700</b>	<b>11,327,007</b>	<b>11,768,906</b>	<b>12,228,045</b>	<b>12,705,096</b>	<b>13,200,759</b>
<b>Expenses</b>									
4	Power Purchased	8,613,788	8,494,414	8,565,750	8,825,725	9,092,782	9,355,212	9,625,515	9,903,927
5	Capacity Compensation and MEAN credits	(338,109)	(228,229)	(147,624)	(147,624)	(147,624)	(147,624)	(147,624)	(147,624)
6	Production	206,510	195,780	221,700	230,568	239,791	249,382	259,358	269,732
7	Distribution	481,789	364,097	450,000	468,000	486,720	506,189	526,436	547,494
8	General	847,399	810,754	899,700	935,688	973,116	1,012,040	1,052,522	1,094,623
9	<b>Total O&amp;M</b>	<b>9,811,378</b>	<b>9,636,816</b>	<b>9,989,526</b>	<b>10,312,357</b>	<b>10,644,784</b>	<b>10,975,199</b>	<b>11,316,207</b>	<b>11,668,151</b>
10	Depreciation	401,586	439,611	464,813	511,748	565,348	611,861	659,068	677,831
11	Franchise Fee	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
12	Surplus Cash Transfer (to General Fund)	350,004	350,004	355,300	355,300	355,300	355,300	355,300	355,300
13	Interest Income on invest.	(19,277)	(11,545)	(1,000)	(915)	(1,118)	(850)	(825)	(816)
14	<b>Total Electric Expense</b>	<b>10,663,691</b>	<b>10,534,886</b>	<b>10,928,639</b>	<b>11,298,490</b>	<b>11,684,314</b>	<b>12,061,510</b>	<b>12,449,750</b>	<b>12,820,466</b>
15	<b>Net Operating Income</b>	<b>922,923</b>	<b>687,024</b>	<b>(26,939)</b>	<b>28,517</b>	<b>84,592</b>	<b>166,535</b>	<b>255,346</b>	<b>380,293</b>
16	<b>Net Income Target % of UPIS</b>	<b>4%</b>	<b>214,801</b>	<b>217,291</b>	<b>236,539</b>	<b>306,069</b>	<b>374,255</b>	<b>371,412</b>	<b>367,547</b>
17	<b>Net Income Actual % of UPIS</b>	<b>17.2%</b>	<b>12.6%</b>	<b>-0.5%</b>	<b>0.4%</b>	<b>0.9%</b>	<b>1.8%</b>	<b>2.8%</b>	<b>4.2%</b>
18	<b>Debt Coverage Ratio</b>	<b>9.7</b>	<b>8.1</b>	<b>3.2</b>	<b>2.2</b>	<b>1.5</b>	<b>1.8</b>	<b>2.2</b>	<b>2.5</b>
19	COS Revenue Requirement			11,024,878					
<b>Other Revenues &amp; (Expenses)</b>									
20	Interest on existing LT Debt	neg	(22,236)	(19,530)	(17,808)	(15,141)	(12,204)	(9,015)	(5,603)
21	Interest on new LT Debt	neg				(105,000)	(99,355)	(93,540)	(87,550)
22	<b>Total Profit / Loss</b>	<b>900,687</b>	<b>667,494</b>	<b>(44,747)</b>	<b>(91,625)</b>	<b>(26,967)</b>	<b>63,980</b>	<b>162,193</b>	<b>296,988</b>
23	Net Utility Plant in Service (UPIS)	5,370,030	5,432,281	5,913,468	7,651,720	9,356,372	9,285,311	9,188,674	9,095,773
24	Historic Utility Plant in Service (OCUP)	15,289,644	15,791,506	16,737,506	18,987,506	21,257,506	21,798,306	22,360,738	22,945,667
25	Net UPIS/ OCUP	35%	34%	35%	40%	44%	43%	41%	40%
<b>Cash Inflows</b>									
26	Net Income	900,687	667,494	(44,747)	(91,625)	(26,967)	63,980	162,193	296,988
27	New Borrowed Funds				3,500,000				
28	Depreciation Expense	401,586	439,611	464,813	511,748	565,348	611,861	659,068	677,831
29	<b>Cash Inflows</b>	<b>1,302,273</b>	<b>1,107,105</b>	<b>420,066</b>	<b>3,920,123</b>	<b>538,381</b>	<b>675,841</b>	<b>821,262</b>	<b>974,819</b>
30	Capital Improvements & CWIP	501,863	566,096	946,000	2,250,000	2,270,000	540,800	562,432	584,929
31	Principal on Existing Debt	115,000	120,000	120,000	125,000	125,000	130,000	130,000	135,000
32	Principal on New Debt					188,183	193,829	199,643	205,633
33	<b>Cash Outflows</b>	<b>616,863</b>	<b>686,096</b>	<b>1,066,000</b>	<b>2,375,000</b>	<b>2,583,183</b>	<b>864,629</b>	<b>892,075</b>	<b>925,562</b>
34	<b>Change in Cash</b>	<b>685,410</b>	<b>421,009</b>	<b>(645,934)</b>	<b>1,545,123</b>	<b>(2,044,802)</b>	<b>(188,787)</b>	<b>(70,814)</b>	<b>49,257</b>
35	Adjustment for Receivables, etc.	23,180	770,628	-	-	-	-	-	-
36	<b>Cash Balance</b>	<b>6,445,177</b>	<b>7,636,814</b>	<b>6,990,880</b>	<b>8,536,004</b>	<b>6,491,202</b>	<b>6,302,415</b>	<b>6,231,601</b>	<b>6,280,858</b>
37	<b>Minimum Recommended Cash Balance</b>	<b>3,325,877</b>	<b>3,313,778</b>	<b>3,411,576</b>	<b>3,588,350</b>	<b>4,062,023</b>	<b>3,990,473</b>	<b>4,092,111</b>	<b>4,202,010</b>

Minimum Cash Reserve Policy		Basis		2022
1	O&M Expenses	9,989,526	25%	2,497,382
2	Historic Utility Plant in Service (OCUP)	16,737,506	1%	167,375
3	Deposits	243,596	100%	243,596
4	Debt Service	137,808	100%	137,808
5	Current Year Capital Improvements less Borrowings	946,000	10%	94,600
6	Five Year Capital Improvements less Borrowings	2,708,161	10%	270,816
<b>Minimum Reserve Target</b>				<b>3,411,576</b>