CITY OF CRETE, NEBRASKA
CITY COUNCIL REGULAR MEETING
April 19, 2018

Notice of the meeting was given by posting and publishing in The Crete News, the appointed method for giving notice as shown by the Proof of Publication attached to the minutes. Advance notice of the meeting was also given to the Mayor and City Council. Pursuant to Section 84-1412(8) of the Nebraska Open Meetings Act, the City has posted a current copy of the Open Meetings Act, Laws of the State of Nebraska in the back of the Council Chambers. Additional copies are available to read. The City may consider items listed on the agenda in random order. All proceedings shown were taken while the meeting was open to the attendance of the public.

Those in attendance pledged allegiance to the flag.

1. Open Meeting
2. Roll Call
3. Special Order of Business

3.A. Solid Waste Management Agency
3.B. Right-of-Way Permit
3.C. Engineering Agreement
3.D. Braden Substation Change Order
3.E. 11th Street Parking Main Avenue to Linden Avenue
3.F. Parking on 13th Street Code Avenue to Iris Avenue

4. Officers' Reports
5. Adjournment

Mayor

(SEAL)

City Clerk-Treasurer

I, Jerry Wilcox, City Clerk for the City of Crete, hereby certify that the foregoing is a true and correct copy of the proceedings had and done by the Mayor and Council. I hereby certify that a copy of the Open Meetings Act was posted in the back of the Council Chambers. I certify that all of the subjects included in the foregoing proceedings were contained in the agenda for the meeting, kept continually current and available for public inspection at the office of the City Clerk. I certify that such subjects were contained in said agenda for at least twenty-four hours prior to said meeting and that at least one copy of all reproducible material discussed at the meeting was available at the meeting for examination and copying by members of the public. I certify that the minutes were in written form and available for public inspection within ten working days and prior to the next convened meeting of the City Council. I certify that all news media requesting notification concerning meetings of the City Council were provided with advance notification of the time and place of said

meeting and the subjects to be discussed.

_____

City Clerk-Treasurer (S E A L)

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 Vance Wewel hereby request to occupy City of Crete Right-of-
Name

Way at 243 E. 13th Street with a device or structure.
Address

Description of structure or device:

1.5" Underground Bore with 144 SM Fiber Optic Cable

☒ 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.

2) Any items approved for placement in the right-of-way shall be held to the building or property line as closely as possible.

3) If this is a 3rd party utility type project, all affected property owners shall be notified prior to the beginning of project by the project owner, or the project's contractor.

4) City Council approval is required for large projects (more than one property involved, or utility oriented projects.

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.

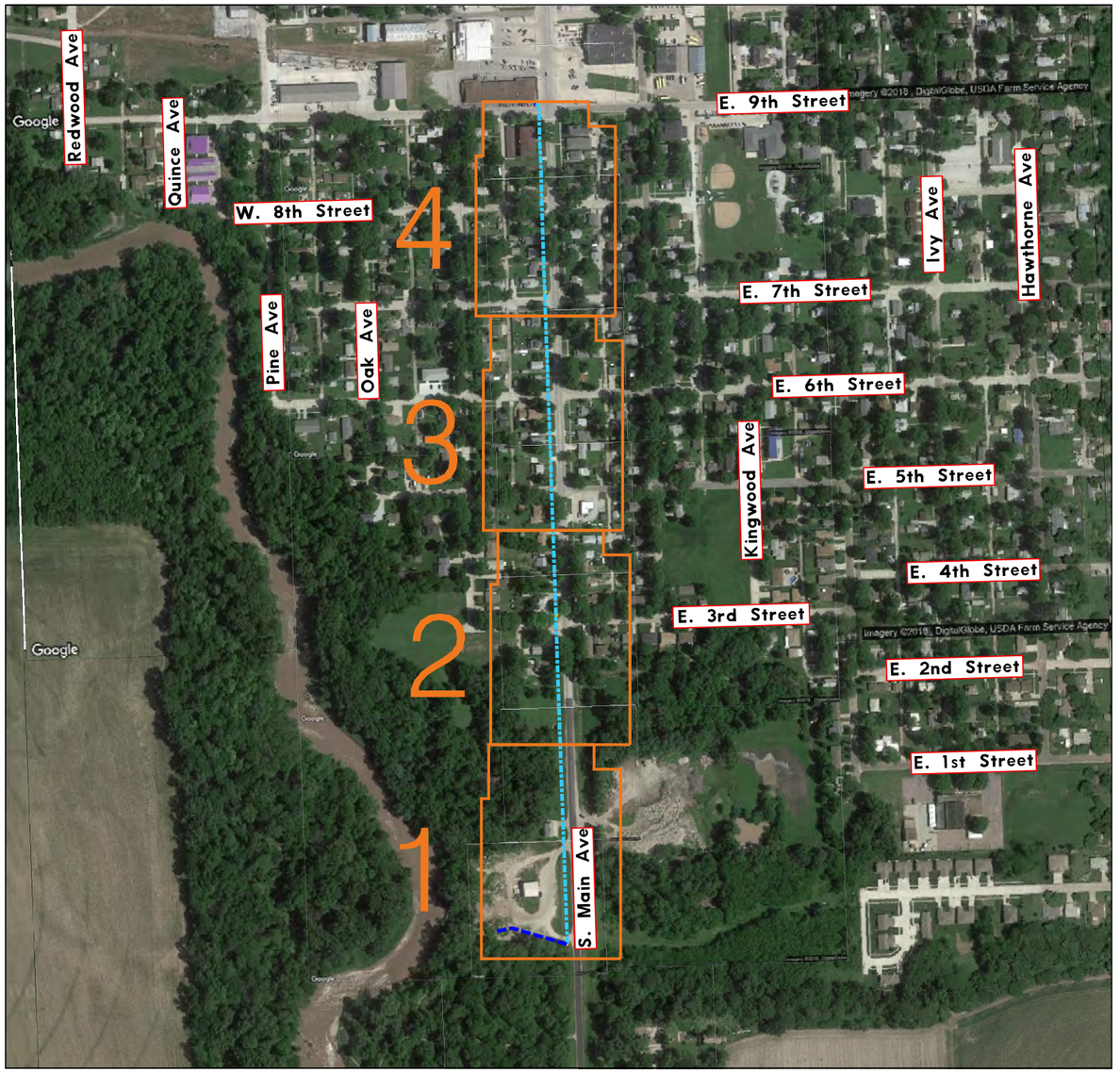
Vance Wewel
Signature of Applicant

4-4-2018
Date of Application

PROJECT NO.	SHEET NO.
017-0078	C.1
Date: 03\08\2018	Drawn: TSG Checked: TMR Approved: GTS

PROJECT COORDINATION CONTACTS			
NAME	AGENCY	PHONE NUMBER	EMAIL
VANCE WEWEL	UNITE PRIVATE NETWORKS	402-646-0940	VANCE.WEWEL@UPNFIBER.COM
TOM OURADA	CITY OF CRETE	402-826-4312	TOURADA@CRETE-NE.GOV

CITY OF CRETE, NEBRASKA
UNITE PRIVATE NETWORKS
VERIZON GP DOANE CRAN



NOT TO SCALE

PERMITS REQUIRED	
SHT. NO.	DESCRIPTION
F.1-F.4	CITY OF CRETE
F.1-F.4	FLOODPLAIN

SHT. NO.	SHEET INDEX
C.1	COVER
S.1	SUMMARY OF QUANTITIES & DETAILS
F.1-F.4	FIBER DESIGN

ne1call.com 800-331-5666

Nebraska 811

Know what's below. Call before you dig.

PRIOR TO CONSTRUCTION:

CALL 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION AND CITY OF CRETE UTILITIES.

EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION.

PRELIMINARY PLAN
90 PERCENT
SUBMITTAL
03\08\2018
NOT FINAL - SUBJECT TO CHANGE

COVER

PROJECT NO.	SHEET NO.
017-0078	S.1
Date: 03\08\2018	Drawn: TSG Checked: TMR Approved: GTS

LEGEND OF SYMBOLS

- EXISTING CONDUIT
- EXISTING AERIAL FIBER
- BORED CONDUIT
- TRENCHED CONDUIT
- NEW AERIAL FIBER
- NEW AERIAL FIBER, OVERLASH
- MESSENGER CABLE
- NO CITY RECIPIENT FIBER
- EXISTING CONDUIT
- EXISTING SIGNAL CONDUIT
- ROW
- NEW PULL BOX
- NEW PEDESTAL
- NEW POLE
- NEW DOWN GUY
- NEW RISER
- NEW SLACK SPAN
- NEW SLACK LOOP
- EXISTING PULL BOX
- EXISTING PEDESTAL
- EXISTING UTILITY POLE
- EXISTING SLACK LOOP
- EXISTING SPLICE CASE
- EXISTING MANHOLE
- SIGN
- BARRICADE
- DRUM
- BORE PIT
- ARROW PANEL

CABLE AND CONDUIT DESIGNATIONS

B is Conduit Bored (ie..3" B)
C is conductor (ie.. 3/C)
CC is Coaxial Cable
CCC is Camera Control Cable
CDC is Camera Detector Cable
CG is Circuit Ground
CPC is Camera Power Cable
DB is Direct Buried
DMSC is Dynamic Message Sign Cable
EDC is Emergency Detector Cable
ETW is Electric Tracer Wire
EX is Existing
FI is Fabric Interduct
FLC is Fiber Locate Cable
FTW is Fiber Tracer Wire
INS is Install
INT is Intraduct
LC is Lead-In Cable
M is Conduit Mounted (ie..2" M)
MB is Main Line Conduit Group Bored (6) 1 1/4"
MM is Multi Mode Fiber Cable
MT is Main Line Conduit Group Trenched (6) 1 1/4"
NO is Number
OH is Over Head
PR is Pair of Communication (ie.. 6 PR)
REL is Relocate
REM is Remove
RGS is Rigid Galvanized Steel
SC is Service Cable
SL is Street Light
SM is Single Mode Fiber Cable
T is Conduit Trenched (ie..3" T)
TW is Tracer Wire (black or green)

PCA243636-00006

POLYMER CONCRETE ASSEMBLY

24" x 36" x 36"
(For actual dimensions see drawing)

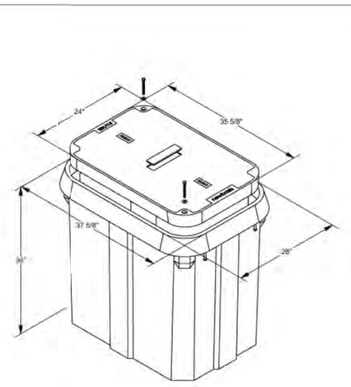
Polymer Concrete Assembly, Straight Sides, No Floor, WUC 3.6-"20K," 3/8" Hex Bolts, Standard Nameplate (Specify at time of order) Installed

LOAD RATINGS
Incidental Traffic - Parking Lot, Sidewalk
Conforms to:
- WUC 3.6
- ASTM C 857
- ANSI/SCTE 77

FEATURES:
- USDA/RUS Approved
- Drop-In nameplate
- Shipped assembled
- Skid resistant cover
- Stainless steel bolts
- Cast-in floating nut box - Integral drain holes

Additional product information continued on the reverse

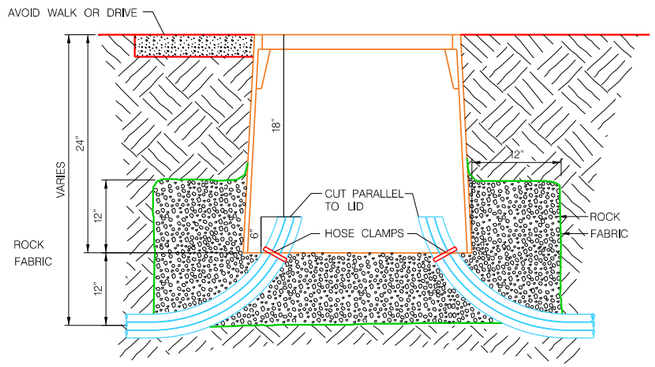
newbasis
Composites for Infrastructure
2626 Kansas Avenue
Riverside, California 92507
951.787.0600
951.787.0632 (fax)
info@newbasis.com
newbasis.com



Inside Dimensions		
Length	Width	Depth
33 9/16"	21 15/16"	33"

REV: A.1

24"x36"x36" DETAIL



UPN PULL BOX INSTALLATION

PROJECT NOTES

1. THE LOCATIONS OF ALL AERIAL AND UNDERGROUND UTILITY FACILITIES MAY NOT BE INDICATED ON THESE PLANS. UNDERGROUND UTILITIES, WHETHER SHOWN OR NOT, WILL BE LOCATED AND FLAGGED BY THE UTILITIES UPON THE REQUEST OF THE CONTRACTOR. NO EXCAVATION WILL BE PERMITTED IN THE AREA OF THE UNDERGROUND UTILITIES UNTIL ALL SUCH FACILITIES HAVE BEEN LOCATED AND IDENTIFIED TO THE SATISFACTION OF ALL PARTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL UNDERGROUND AND AERIAL UTILITIES AND CONSTRUCTIONS.
2. UNLESS AGREED TO IN WRITING IN ADVANCE BY THE CITY, THE DEPTH OF INSTALLED FACILITIES SHALL BE, AT A MINIMUM, AS FOLLOWS:
   A. FORTY-TWO (42) INCHES IN SOIL,
   B. FORTY-TWO (42) INCHES BELOW A PROJECTED SLOPE FROM THE FLOW LINE OF A DITCH AT A THREE (3) HORIZONTAL AND ONE (1) VERTICAL SLOPE,
   C. FORTY-EIGHT (48) INCHES UNDER A ROADWAY MEASURED FROM THE SURFACE OF SAID ROADWAY TO THE TOP OF THE INSTALLATION,
   D. FORTY-EIGHT (48) INCHES UNDER A STORM WATER OR CREEK CHANNEL DESIGN FLOW LINE, AND
   E. MAINTAIN A MINIMUM OF 24" OF VERTICAL & HORIZONTAL SPACING FROM EXISTING UTILITIES.
3. ALL POTHOLES IN SIDEWALK PANELS WILL REQUIRE FULL PANEL REPLACEMENT.
4. ANY CUT OR POTHOLE IN A CONCRETE STREETS PANEL WILL REQUIRE FULL PANEL REPLACEMENT.
5. ANY CUT OR POTHOLE IN A ASPHALT STREET LANE WILL REQUIRE SEAM TO SEAM ASPHALT MILLING AND REPLACEMENT.

SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
CONDUIT, 1.5" B	LF.	2,944
TRACER WIRE	LF.	2,944
PULL BOX, 24"X36"X36"	EA.	3
GROUND ROD	EA.	3
FIBER, 24 SM, UNDERGROUND	LF.	254
FIBER, 24 SM, UNDERGROUND SLACK STORAGE	LF.	180
FIBER, 144 SM, UNDERGROUND	LF.	2,944
FIBER, 144 SM, UNDERGROUND SLACK STORAGE	LF.	320

PRELIMINARY PLAN
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SUMMARY OF QUANTITIES & DETAILS

PROJECT NO.	SHEET NO.
017-0078	F.1
Date: 03\08\2018	Drawn: TSG
Horz. Scale 1 : 50	Checked: TMR
	Approved: GTS

Pull Fiber into Hut
100' of 24 SM (Coil)
Coordinate With Owner

254' of 24 SM, TW
In Ex. VzW Conduit

Pull Box 1-1 - Approx. 26' South of Center of Gravel Road & 21' West of EOP
1 Ea. UPN Pull Box
1 Ea. Ground Rod
Capture Ex. VzW Conduit and Sweep into Pull Box
80' of 144 SM (Coil)
80' of 24 SM (Coil)

1150' of 1.5" B, 144 SM, TW
From Pull Box 1-1 to Pull Box 2-1

Gravel Rd

S. Main Ave

24' From EOP (Typ.)

0 25 50

MATCH LINE SHEET F.2

PRELIMINARY PLAN
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FIBER DESIGN

PROJECT NO.	SHEET NO.
017-0078	F.2
Date: 03\08\2018	Drawn: TSG
	Checked: TMR
Horz. Scale 1 : 50	Approved: GTS

OLSSON ASSOCIATES

Unite PRIVATE NETWORKS

0 25 50

MATCH LINE SHEET F.1

MATCH LINE SHEET F.3

See Previous Sheet
1.5" B, 144 SM, TW

24' From EOP (Typ.)

Bore Deep Under Culvert
Minimum 5' Below Box Culvert

Pull Box 2-1 – Approx. 14' North & 13' West of BOC
1 Ea. UPN Pull Box
1 Ea. Ground Rod
80' of 144 SM (Coil)

1129' of 1.5" B, 144 SM, TW
From Pull Box 2-1 to Pull Box 4-1
Install Under Sidewalk

Main Ave

E. 3rd Street

PRELIMINARY PLAN
90 PERCENT
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03\08\2018
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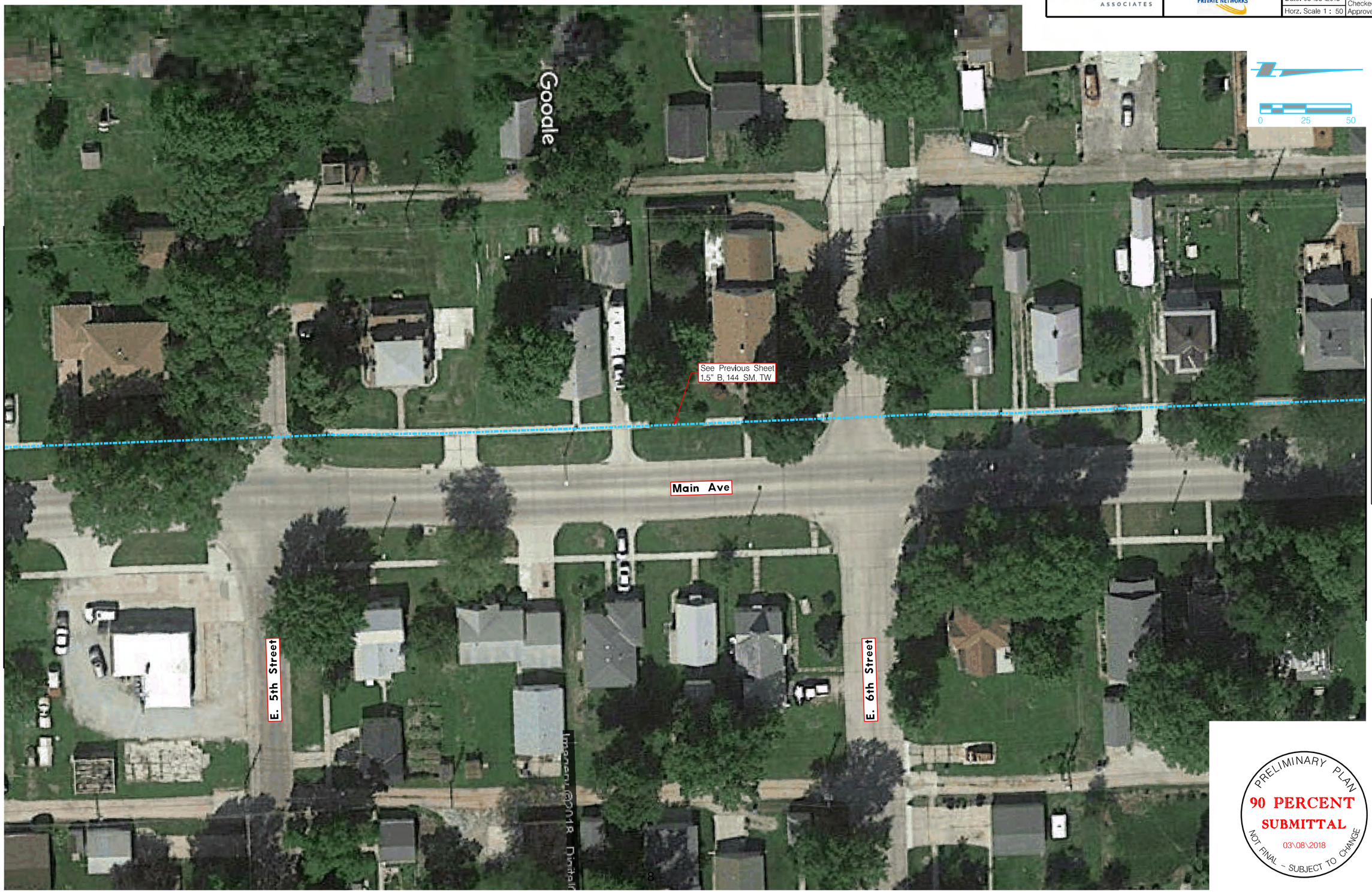
FIBER DESIGN

USER: tgordanier
DATE: 03\08\2018
DGN: F:\2017\0001-0500\017-0078\17738 – Verizon GP Doane Cran\10-Design\Microstation\Telecom_STATE_017-0078_17738 – Verizon GP Doane Cran Sheets\F-2.dgn

OLSSON ASSOCIATES	Unite PRIVATE NETWORKS	PROJECT NO. 017-0078	SHEET NO. F.3
		Date: 03\08\2018	Drawn: TSG Checked: TMR Approved: GTS
		Horz. Scale 1 : 50	



MATCH LINE SHEET F.2

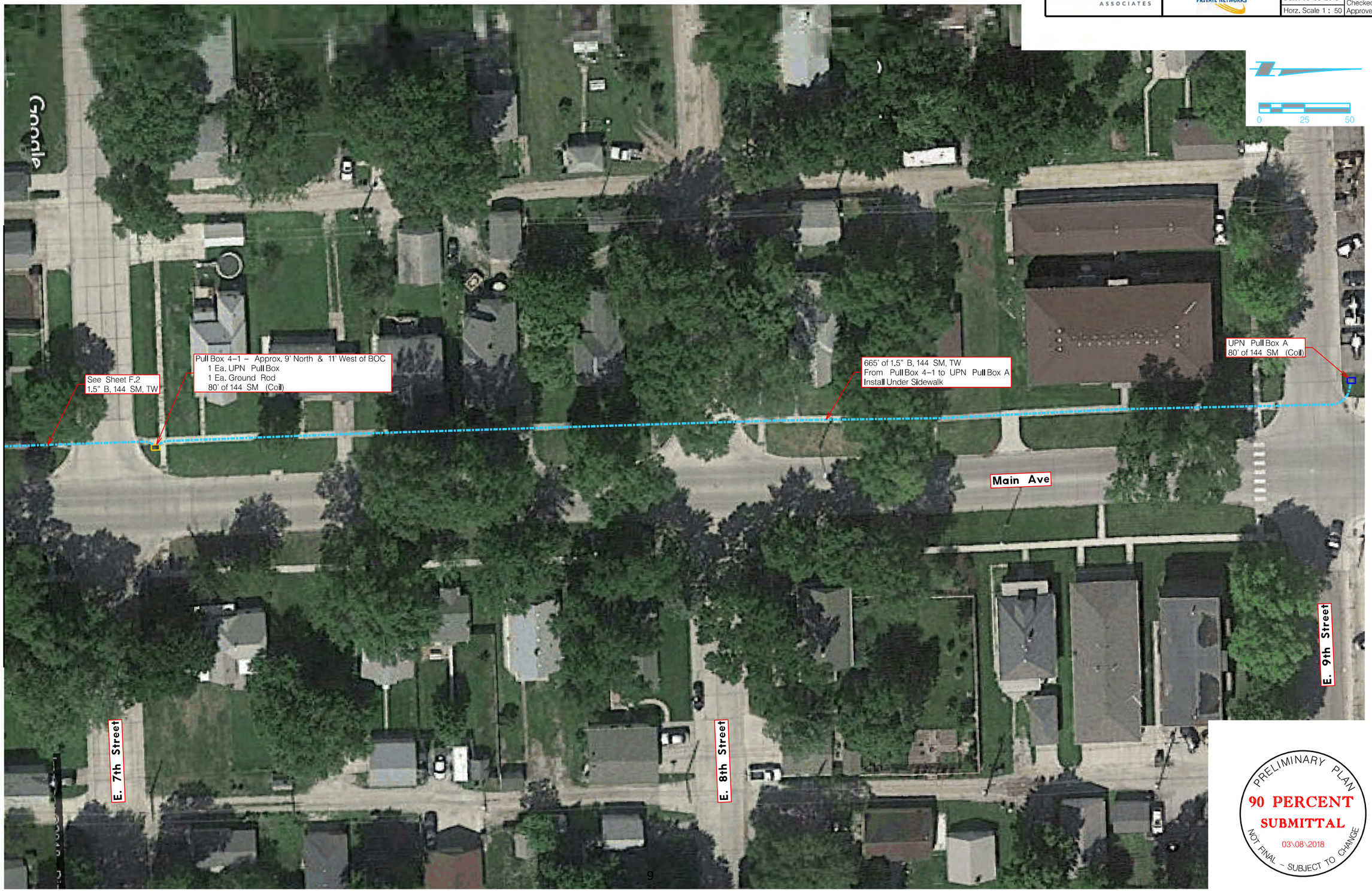
MATCH LINE SHEET F.4

PRELIMINARY PLAN
90 PERCENT
SUBMITTAL
03\08\2018
NOT FINAL - SUBJECT TO CHANGE

FIBER DESIGN

USER: tgordanier
DATE: 03\08\2018
DGN: F:\2017\0001-0500\017-0078.17738 - Verizon GP Doane Cran\40-Design\Microstation\Telecom_STATE_017-0078_17738 - Verizon GP Doane Cran\Sheets\F-3.dgn

OLSSON ASSOCIATES	Unite PRIVATE NETWORKS	PROJECT NO. 017-0078	SHEET NO. F.4
		Date: 03\08\2018	Drawn: TSG
		Horz. Scale 1 : 50	Checked: TMR
			Approved: GTS



MATCH LINE SHEET F.3

PRELIMINARY PLAN
90 PERCENT
SUBMITTAL
03\08\2018
NOT FINAL - SUBJECT TO CHANGE

FIBER DESIGN

USER: tgordanier
DATE: 03\08\2018
DGN: F:\2017\0001-0500\017-0078\17738 - Verizon GP Doane Cran\10-Design\Microstation\Telecom_STATE_017-0078_17738 - Verizon GP Doane Cran\Sheets\F.4.dgn

MID-STATE
ENGINEERING &
TESTING, INC.

April 10, 2018

Mr. Dave Gilmore, P.E.
Gilmore & Associates
P.O. Box 565
Columbus, NE 68602-0565

RE: Proposal of Work and Costs
Geotechnical Engineering Study
Proposed Lift Station
Crete, Nebraska

Mr. Gilmore,

Mid-State Engineering & Testing, Inc. is pleased to submit this proposal to provide a Geotechnical Engineering Study for a single proposed new lift station in Crete, Nebraska. This proposal will outline our proposed work scope and the associated costs required to complete this study.

PROJECT DESCRIPTION

As proposed, construction will consist of a single new lift station, located on the south side of Highway 33, approximately a ¼ mile east of the intersection of Highways 33 and 103 on the western side of Crete, NE. Boring depth will range from 30 to 50 feet dependent upon groundwater elevation at the time of drilling.

PROPOSED WORK SCOPE

Our investigation will consist of drilling and sampling the subgrade soils, lab testing to determine the engineering property of the various soils, and a report of findings and recommendations. The scope of our report will include an evaluation of the engineering properties of the soils encountered, provide foundation bearing capacity and lateral earth pressure information and provide general recommendations for construction with respect to the soil's encountered.

MOBILIZATION

A one-time mobilization cost of $320.00 will be required to mobilize a drill crew to and from the site.

DRILLING AND SAMPLING

Based on the size and anticipated depth of the structure, a single soil boring is recommended for the lift station structure. Dependent upon groundwater depths at the time of drilling and the indicated structure depth, a boring depth of 30 to 50 feet is recommended.

Drilling and sampling (Split Spoon or Shelby Tube) at intervals of 5 feet or less will be performed with a Mobil drill rig using continuous flight augers. All drilling will be performed at a unit cost of $14.00/lineal foot. Borings will be logged by a Professional Geotechnical Engineer or Engineering Technician. Based on a range of drilling footage of 30 to 50 lineal feet, drilling costs will range between $420.00 and $700.00.

LABORATORY TESTING

Based on previous experience with similar projects, we anticipate the following tests will be required to evaluate the site soils. Testing will be performed at the following unit rates.

Moisture Contents (D2216-80)	$8.00 each
Density Determinations (D2216-80)	25.00 each
Atterberg Limits (D4318-84)	55.00 each
Sieve Analysis (washed) (D422-72)	75.00 each
#200 Washed Sieve Analysis (D1140-70)	20.00 each

We anticipate total lab testing will range between approximately $300.00 and $500.00.

ENGINEERING

Engineering time will be provided at a rate of $80.00/hour for a Project Engineer and $110.00/hour for a Senior Level Geotechnical Engineer. This includes the costs of data reduction, report preparation, and consultation during design. We anticipate total engineering costs to complete this study will be $800.00.

ESTIMATED TOTAL COST

Based on the indicated work scope, the total cost for this study is estimated at $1,840.00 to $2,320.00. The $2,320.00 figure will not be exceeded unless additional work is authorized by the Owner. All work will be invoiced at the unit rates noted in this proposal for only the work performed.

We anticipate being able to begin drilling approximately 7 - 10 days after authorization to proceed (weather permitting), with a formal report completed approximately 3 weeks after drilling. Verbal information will be available approximately one week after drilling has been completed.

Mid-State Engineering & Testing Inc. is qualified to conduct material testing for the U.S. Army Corps of Engineers for soils, aggregates and concrete tests and is accredited through the AASHTO Accreditation Program in Concrete, and Aggregates. Inspections and proficiency tests are performed through CCRL and AMRL. Our field technicians are certified through NICET, ACI, and NDOR. Mid-State Engineering & Testing, Inc. carries a full range of general and professional liability insurance, which has been

included for your review and would be in effect for this project. Any additional insurance requested would be invoiced only at the cost required to obtain the additional insurance.

If you have any questions or need further information, please contact us at 402-562-7824. If this proposal of work and cost is acceptable, please return a signed copy at your convenience.

Respectfully Submitted,
Mid-State Engineering & Testing, Inc.

Simon Schacher, E.I.
Project Engineer

Accepted by:_____ Date: _____

ENGINEERING ■ ARCHITECTURE ■ SURVEYING ■ PLANNING

April 12, 2018

City of Crete, NE
Attn: Tom Ourada, City Administrator
243 East 13th Street
Crete, NE 68333

RE: Crete, Nebraska
2016 Crete Braden Substation New Breakers
JEO Project No. 160054

Dear Tom:

JEO Consulting Group, Inc. (JEO) is pleased to submit this letter of recommendation for the following items to be discussed at the next regularly scheduled City council meeting:

1. JEO has put together Change Order No. 1 to formally approve a change in contract price previously issued as Work Change Directive No. 1 in October of 2017 to add test switches to all new breaker control panels in the Power Plant. The test switches will allow for testing of the new relay(s) with the need to disconnect any wiring or access the control panels. JEO recommends to approve Change Order No. 1, included, in the amount of $3,450.00. Please print out three copies and execute upon council approval. Keep one copy for your file, return one to Harold K. Scholz Co. (Scholz) and the final copy to JEO for our records.

2. JEO received a request for payment from Scholz for work completed thru 03-02-18 on the '2016 Crete Braden Substation New Breakers' project. The amounts for which Scholz is requesting has been confirmed to date and JEO recommends to approve Contractor's Application for Payment No. 1, included, in the amount of $253,689.09. Please print out three copies and execute upon council approval. Keep one copy for your file, return one to Scholz with the payment and the final copy to JEO for our records.

If you have any questions and/or concerns do not hesitate to contact me at (402) 371-6416 Ext. 1114 or (402) 360-0217.

Respectfully submitted,

Matt E. Kalin, PE
Project Manager

MEK:skw
Enclosure

Change Order No. 1

Date of Issuance:	**March 2, 2018**	Effective Date:	**March 20, 2018**
Owner:	**City of Crete, Nebraska**	Owner's Contract No.:	
Contractor:	**Harold K. Scholz Co.**	Contractor's Project No.:	
Engineer:	**JEO Consulting Group, Inc.**	Engineer's Project No.:	**160054**
Project:	**2016 Crete Braden Substation New Breakers**	Contract Name:	**2016 Crete Braden Substation New Breakers**

The Contract is modified as follows upon execution of this Change Order:

Description: **1. Furnish and install 10-pole test switch per feeder breaker relay circuitry including all ancillaries. 2. Furnish and install one 14-pole test switch per generator, main and tie breaker relay circuitry including all ancillaries.**

Attachments: *[List documents supporting change]*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES *[note changes in Milestones if applicable]*
Original Contract Price: $ **439,350.00**	Original Contract Times: Substantial Completion: ____ Ready for Final Payment: ____ days or dates
[Increase] [Decrease] from previously approved Change Orders No. -- to No. -- : $ ____	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: ____ Ready for Final Payment: ____ days
Contract Price prior to this Change Order: $ **439,350.00**	Contract Times prior to this Change Order: Substantial Completion: ____ Ready for Final Payment: ____ days or dates
[Increase] [Decrease] of this Change Order: $ **3,450.00**	[Increase] [Decrease] of this Change Order: Substantial Completion: ____ Ready for Final Payment: ____ days or dates
Contract Price incorporating this Change Order: $ **442,800.00**	Contract Times with all approved Change Orders: Substantial Completion: ____ Ready for Final Payment: ____ days or dates

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: Matt E. Kalin	By:	By:
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: Project Manager	Title:	Title: PROJECT MANAGER
Date: 04-12-18	Date:	Date: 4-12-18

Approved by Funding Agency (if applicable)

By: ____ Date:

Title: ____

Change Order Estimate

JEO Project Name:	**2016 Crete Braden SubstationNew Breakers**	JEO Project Number:	**160054**
Owner:	**City of Crete, Nebraska**	Change Order Number:	**1**
Contractor:	**Harold K. Scholz Co.**	Effective Date:	**March 20, 2018**

Item		Change Order Information			
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item ($)
R1	10-Pole Test Switch	6	EA	$350.00	$2,100.00
R2	14-Pole Test Switch	3	EA	$450.00	$1,350.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
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				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
				$0.00	$0.00
		Total			**$3,450.00**