

**Public Works Committee Meeting
Tuesday, January 5, 2021 5:00 PM
Crete Library/Community Center
1515 Forest Ave.
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.
- A. Discuss and provide a recommendation to the City Council on entering into an agreement with Nebraska Municipal Power Pool (NMPP) for a financial plan, cost of service, and rate design study for electric rates.
- B. Discuss and provide a recommendation to the City Council on approving the Central States Group quote and authorizing the expenditure of approximately \$46,590 for noise control panels around the Library's chiller.
- C. Discuss and provide a recommendation to the City Council on Unite Private Networks request for a right-of-way permit along 13th Street from Hickory Avenue to Tabitha.
- D. Discuss subdivider's request to restrict parking on Fairway Drive from 2-4 am.

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.

**AGREEMENT FOR
FINANCIAL PLAN, COST OF SERVICE
AND
RATE DESIGN STUDY
FOR ELECTRIC RATES**

This Agreement for a Financial Plan, Cost of Service and Rate Design Study for Electric Rates is made this _____ day of _____, 20____, between the Nebraska Municipal Power Pool, a non-profit corporation of the State of Nebraska, hereinafter called "NMPP," and the City of Crete, Nebraska, hereinafter called "Municipality."

RECITALS:

NMPP, under the provisions of its Articles of Incorporation, has the authority to enter into and perform contracts with its members.

NMPP has initiated a Financial Plan, Cost of Service and Rate Design Study (Rate Study) designed to provide assistance in certain technical areas related to calculating rates for municipal utility systems for all customer classes and to provide ongoing rate support.

Municipality is a member of NMPP and recognizes the importance of completing a Rate Study.

In consideration of the mutual promises contained herein, NMPP and Municipality agree as follows:

1. TERM

1.1 This Agreement shall become effective upon execution. The term of this Agreement shall begin on the date of execution and terminate two (2) years after the date of the delivery of the documents referred to in Section 2.1.3.6.

2. SCOPE OF SERVICES TO BE PROVIDED AND RESPONSIBILITIES OF THE PARTIES

2.1 Responsibilities of NMPP

2.1.1 Questions regarding services under this Agreement should be directed to NMPP's Director of Retail Utility Services and Member Relations, or to such other person as may be designated by NMPP from time to time. NMPP will complete the scope of work of this Agreement typically within ninety (90) days of the receipt of all data requested by NMPP. Such data must be accurate and in a format easily usable by NMPP in order for the scope of work to be done on time. Reports and other document

presentation are delivered to the Municipality as outlined in Section 2.1.3.6.

2.1.2 The Rate Study computer models shall be retained by and become the property of NMPP. The Municipality will receive all tables and charts from the model and may use the Rate Study findings and recommendations at Municipality's sole risk and without liability or legal exposure to NMPP.

2.1.3 The Rate Study will include completion by NMPP of the following tasks:

1. Data Collection – NMPP will request data, including but not limited to, customer rate class usage by rate block and revenue billed, and audited and budgeted assets including financial and operating data for the utility as necessary to prepare the Rate Study. This data is to be in an easy to read and organized format. To the extent the requested data is not readily available, NMPP and Municipality will develop and agree upon estimates for the missing data.
2. Develop a Financial Model – NMPP will develop a five-year Financial pro forma model that will provide net-income, target return on facilities investments, minimum cash reserve policy, capital improvements, borrowing, and recommend future rate increases to achieve financial targets.
3. Calculate Revenue Requirements for Test Year to be used in Rate Study – NMPP will calculate Municipality's revenue requirements in a financial pro forma to determine cost of service rate elements to be used in future rate design.
4. Functional Costs – NMPP will assign a function to each expense and each non-retail revenue including, but not limited to, generation, transmission and customer service, as applicable. The items will also be assigned to a sub-category of a function as necessary.

Expenses will be allocated to the various cost classifications based on methodologies that are generally applied to municipal utilities. These allocations will enable NMPP to separately identify and establish cost elements for each rate class provided by the Municipality, including, but not limited to, commodity generation or treatment, transmission, distribution, and customer service and accounting, as applicable.

5. Rate Design – NMPP will design rates using cost elements determined for one or two years to recover adequate revenue for the system and move classes toward cost of service revenue recovery.

NMPP will work with Municipality to develop rates that maintain the financial integrity of each municipal utility system being studied. New rate schedules and ordinances will be drafted by NMPP for approval by Municipality.

6. Present Findings – (a) NMPP will typically within sixty (60) days of receipt of sound data provide a Preliminary Proforma which will present the Financial Plan, first to the Municipality’s staff and then to rate making authority. Such presentations will be typically a combination of electronic mail and telephone and/or video conference presentation. An in-person presentation by NMPP may be scheduled as is agreed to by both Parties. (b) The Final Proforma including draft rate approval documents will be completed by NMPP typically thirty (30) days after direction is provided to NMPP regarding the level of rate adjustments desired as directed by either Municipality’s staff or the rate making authority. If additional trips are necessary for (a) or (b) above or other purposes, the trips will be billed on a time and expense basis.
7. Support – As a part of this Agreement, upon request NMPP will provide to Municipality the following support:
 - A. Review of up to five (5) large customer bills for accuracy.
 - B. Up to ten (10) hours of telephone support to answer rate application questions from Municipality.

2.1.4 The Parties hereby agree that the Rate Study to be provided by NMPP to Municipality pursuant to this Agreement shall include only the following study(ies) as indicated below:

- Electric study
- Water study
- Wastewater study
- Water and Wastewater study
- Trash study
- Natural Gas study

2.2 Responsibilities of Municipality

2.2.1 Municipality shall furnish to NMPP, as requested by NMPP, available cost of serve studies, audited financial reports and other data; obtain or authorize NMPP to obtain or provide additional reports and data as required; and furnish to NMPP any required services of outside third parties. NMPP shall be entitled to use and rely upon all information and services provided by or on behalf of Municipality as accurate without

independent verification in the completion of the services provided hereunder.

- 2.2.2 Municipality shall designate, in writing, a person with authority to act on Municipality's behalf on all matters concerning the services provided by NMPP under this Agreement.
- 2.2.3 Municipality shall perform the responsibilities outlined in this Section 2 in a timely manner so as not to delay the services of NMPP. A delay in Municipality's performance of more than three (3) months for any specific responsibility of Municipality shall be deemed an event of default, and NMPP shall have the right to suspend services or terminate this Agreement in the event such default is not cured within ten (10) days after written notice to Municipality.
- 2.2.4 Municipality shall bear all costs associated with the completion of all requirements under this Section 2.

3. LIMITATION OF LIABILITY AND INDEMNIFICATIONS

3.1 Notwithstanding any other provision of this Agreement, NMPP's total liability to Municipality for any loss or damage, including, but not limited to, special and/or consequential damages arising out of or in connection with the performance of services or any other cause shall not exceed the compensation received by NMPP from Municipality under this Agreement, and Municipality hereby releases and will hold harmless NMPP from any liability above such amount. Municipality further agrees, to the fullest extent permitted by law, to defend, indemnify and hold harmless NMPP and its officers, employees and agents from and against all claims, damages, losses and expenses, direct or indirect, or consequential damages including, but not limited to, attorney's fees arising out of or resulting from the performance of NMPP's services hereunder.

3.2 NMPP shall exercise the same degree of care, skill, and diligence in the performance of services as is ordinarily possessed and exercised by a professional consultant under similar circumstances. **NO WARRANTY, EXPRESSED OR IMPLIED, IS INCLUDED IN THIS AGREEMENT OR IN ANY DRAWING, SPECIFICATION, REPORT OR OPINION PRODUCED PURSUANT TO THIS AGREEMENT.**

3.3 All express representations, indemnifications or limitations of liability included in this Agreement will survive its completion or termination for any reason.

4. FEES AND PAYMENT

4.1 Municipality shall pay NMPP for performance of the services described in Section 2.1 as follows:

Total Fee for Section 2.1 Services	Current Municipal Energy Agency of Nebraska (“MEAN”) Funding (subject to change per Section 4.7)	Municipality eligible for MEAN funding as of date of execution of the Agreement	Total Fee Due from Municipality for Section 2.1 Services
\$12,660	50% ¹	Yes / No	\$6,330 ¹

¹For qualifying participants of MEAN, the MEAN Funding amount and the Total Fee Due will be automatically adjusted in accordance with Section 4.7 in the event MEAN modifies or eliminates funding for the Rate Study service.

4.2 Additional services not provided for in the scope of services set forth herein shall be provided only upon separate mutual written agreement between the Parties or upon modification of the scope of services in accordance with Section 4.5 of this Agreement. Expenses will be those incurred in completing the services at the cost or fee associated with the expense.

4.3 The fees established in this Section 4 may be reviewed and updated by NMPP from time to time in accordance with Section 4.5 of this Agreement.

4.4 Fifty percent (50%) of the total fee due from Municipality for Section 2.1 services will be invoiced after NMPP presents the Preliminary Proforma, including the Financial Plan, to the Municipality’s staff and/or the rate making authority, with the balance invoiced after delivery of the Final Proforma and Rate Ordinances. For any additional services provided under Section 4.2, and for any additional trips needed pursuant to Section 2.1.3.6, bills for services shall be rendered upon completion of each such additional service. Each bill shall be paid by Municipality within thirty (30) days after the date the bill is rendered. If any bill is not paid within thirty (30) days, it shall be deemed delinquent and interest shall accrue at the rate of 1.25% per month, or fraction thereof, on any unpaid amount from the date the bill becomes delinquent until the date on which payment is made. This Agreement may be terminated by NMPP for non-payment by Municipality.

4.5 Notwithstanding any provision to the contrary in this Agreement, NMPP shall have the right to modify any of the terms and conditions of this Agreement, including but not limited to the scope of services and fees for participation, at any time, by providing written notice to Municipality. Municipality shall have thirty (30) days from the issuance of such notice to inform NMPP in writing of Municipality’s objection to modification of the terms and conditions. Upon receipt by NMPP of Municipality’s sufficient notice of objection, NMPP shall cease providing

services to Municipality under this Agreement and this Agreement shall automatically terminate; provided, however, that such termination shall not take effect unless and until Municipality has made complete payment for any outstanding amount due and for services provided pursuant to this Agreement prior to receipt of Municipality's notice of objection.

4.6 If at any time during the term of this Agreement Municipality's membership in NMPP is withdrawn or terminated for any reason, the fees for services provided to Municipality pursuant to this Agreement shall automatically convert to the non-member fee, where such a fee is applicable, which fee may be modified from time to time by NMPP, and NMPP shall have the right to terminate this Agreement upon written notice at any time to Municipality.

4.7 For qualifying participants of the Municipal Energy Agency of Nebraska (MEAN), the Board of Directors of MEAN has approved partial funding of the cost of Service Schedule M and K participants to utilize the Section 2.1 services under this Agreement. If this funding is applicable to Municipality as of the date of execution of this Agreement, this amount has been reflected in Section 4.1. Funding is subject to change or elimination without notice from time to time by action of the MEAN Board of Directors. In such event, the amount due from Municipality will be adjusted accordingly and any balance due will be billed by NMPP to Municipality.

5. USE OF ELECTRONIC MEDIA

5.1 Copies of documents that may be relied upon by Municipality are limited to the printed copies, also known as hard copies, which are signed by NMPP. Files in electronic media format of text, data, graphics, or of other types that are furnished by NMPP to Municipality are only for the convenience of Municipality. Any conclusion or information obtained or derived from such electronic files will be used at Municipality's sole risk.

5.2 When transferring documents in electronic media format, NMPP makes no representations as to compatibility, usability, or readability of documents resulting from such transfer or from the use of software application packages, operating systems, or computer hardware differing from those used by NMPP at the beginning of services rendered.

5.3 If there is a discrepancy between the electronic files and the hard copies, the hard copies shall govern.

5.4 Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the Party receiving electronic files agrees that it will perform acceptance tests or procedures within thirty (30) days, after which the receiving Party shall be deemed to have accepted the data thus transferred. Any errors reported by receiving Party to delivering Party within the thirty (30)-day acceptance period will be corrected by the delivering Party within sixty (60) days of such notification. NMPP shall not be responsible to maintain documents stored in electronic media format after acceptance by Municipality.

6. GENERAL

6.1 Neither Party shall have the right to assign this Agreement without the consent, in writing, of the other Party.

6.2 This Agreement shall be governed by the laws of the State of Nebraska.

6.3 In no event shall any delay by any party in enforcing (in whole or in part) any provision of this Agreement be or be deemed to be a waiver thereof or a waiver of any other provision or shall in any way prejudice any right of that party under this Agreement. Any waiver in regard to the performance of this Agreement shall operate only if in writing and mutually agreed upon by each Party.

6.4 In the event any provision of this Agreement shall be held invalid or unenforceable, the remaining provisions shall be valid and binding upon the Parties.

6.5 Nothing under this Agreement shall be construed to give any rights or benefits in this Agreement to anyone other than NMPP and Municipality.

6.6 Neither Party shall be liable to the other for any delay in the performance of its duties hereunder or for any loss or damage arising from uncontrollable forces including but not limited to fire, theft, storm, war, terrorism, power outage, regulatory action or any other force majeure that could not have been reasonably avoided by exercise of due diligence by the Parties. In the event of such a force majeure, the affected Party shall notify the other Party of the circumstances surrounding the force majeure and provide an estimate of delay time caused thereby. The affected Party shall use due diligence to remove such force majeure as soon as is reasonably practicable.

7. NOTICES

7.1 Any notice required under this Agreement will be in writing, addressed to the appropriate Party at its address on the signature page and given personally, or by mail postage prepaid, or by commercial courier service.

8. OTHER AGREEMENTS

8.1 This Agreement constitutes the entire agreement between the parties and supersedes any oral or written representations, understandings, proposals, or communications heretofore entered into by or on account of the parties and may not be changed, modified, or amended except in a writing signed by both parties. This Agreement shall supersede, terminate and replace that certain Agreement for Financial Plan, Cost of Service and Rate Design Study for Electric Rates executed as of September 17, 2018 between NMPP and Municipality.

[SIGNATURE PAGE FOLLOWING]

WHEREAS, NMPP and Municipality have caused this Agreement for a Financial Plan, Cost of Service and Rate Design Study for Electric Rates to be duly executed by their authorized officers.

NEBRASKA MUNICIPAL POWER POOL

CITY OF CRETE, NEBRASKA

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

Address: 8377 Glynoaks Drive
Lincoln, NE 68516

Address: _____



Central States Group

December 1, 2020
Tom Ourada
City of Crete

Central States Group & Kinetics Noise Control Quote For The City Of Crete Library.

Central States & Kinetics Noise Control Inc. are pleased to submit the following quotation for the supply of your Chiller Noise Control. The following is the firm price; excluded are any items not specifically expressed in this proposal. The price is only bound by the qualifications and selection presented below. Kinetics Noise Control reserves the right to make any changes to pricing as new information and requested changes are presented.

Product Summary

- **Chiller Noise Control**

Kinetics Noise Control Acoustical Louver Barrier Wall System & KNP Panels

<i>Configuration</i>	L-shaped acoustical Louver barrier wall system with Absorption Panels on back wall.
<i>Dimensions</i>	16'-0" L x 13'-0" L x 12'-0" H Bottom 7'-0" H skirted with ultra-low, pressure loss acoustic louvers Top 5'-0" H incorporates NOISEBLOCK™ panels
<i>Acoustic LVR Model</i>	KCPL – F/1- 12" (deep) Hinged for easy maintenance access Pressure drop 0.09 inches WG at 33,000 cfm (half of unit total 66,000 cfm)
<i>Outer Casing</i>	16 GA solid Galvanized Steel G90
<i>Inner Lining</i>	22 GA perforated, Galvanized Steel G90
<i>Trim, Sealant, TEK screws</i>	Included and supplied as necessary
<i>Structural Steel</i>	Finish: HDG Description: Structural steel components are designed to bolt together, no field welding required. The columns and base plates are supplied as factory welded assemblies. All included with factory drilled holes, bolts, washers and nuts. All structural steel is designed and supplied from the base plate and upwards. The design is based upon the assumption of "cast in place" anchors/foundation support system. Kinetics Noise Control is not responsible nor will comment on anything below the baseplates. All structural components will be made of steel. Qty. = (5) columns/base plate assemblies Base plate assemblies are 18 x 18 x 1.5" thick

Corporate Headquarters—8720 South 137th Circle Omaha, NE 68138

Cedar Rapids—520 50th Ave Dr. SW Cedar Rapids, IA 52404

Minneapolis—5104 Hillsboro Avenue North New Hope, MN 55428

Marshall—2702 290th Street Marshall, MN 56258



Central States Group

<i>Trim and Flashing</i>	Included as necessary
<i>Finish</i>	Factory applied powder-coating (exterior grade), per Tiger Drylac Series 49 or Sherwin Williams Powdura and selection of Kinetics standard colors
<i>Model</i>	KNP: Flat – flush wall mounted 16' L x 11'6" H
<i>Construction</i>	Galvanized G90 (22 GA)
<i>Panel Thickness</i>	2"
<i>Acoustical Fill</i>	Standard KNC Acoustical Fill
<i>Bagging</i>	Standard Bagging (Black Polymer: Sealed Bagging)
<i>Mounting Brackets</i>	Flush mount attachment
<i>Panel Finish</i>	Factory applied powder-coating (exterior grade), per selection of Kinetics standard colors.
<i>Miscellaneous</i>	<ul style="list-style-type: none"> - Engineered submittals and piece-marked installation drawings - P.E. stamped structural calculations per locally adopted IBC per state of Iowa. - Reaction forces at base plates for engineer or record to determine required foundation and foundation anchors.

Pricing Summary:

<i>Description</i>	<i>SELL PRICE</i>	
NOISEBLOCK, KNP and KCPL system	Base	Without Option Add = \$ 37,707.00
Powder coat finish (louvers, panels, trim)	Option Add = \$ + 3,883.00	With Option Add = \$41,590.00
Freight	Extra, Not Included In Sell Prices Below Estimated; \$5,000.00	

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Central States Group

Note from John Sofra at Kinetics.

Pressure Loss acting upon chiller with proposed 12-inch clearance:

I searched the internet to find the cooling cfm of the fans for the specific Daikin Chiller model AGZ090EDSMMNN00, 90 ton unit. It should be confirmed by the mechanical engineer and chiller manufacturer, but I come up with 66,000 cfm. Only one side of the chiller is close-coupled with the barrier wall resulting in 33,000 cfm (66,000 cfm/2) flowing through the skirt of acoustic louvers with a cross sectional area of 16'-0" L x 7'-0" H. The resulting pressure loss is 0.082 inches WG across the acoustic louvers. In order to meet the required noise reduction, we are limited to using Kinetics model KCPL-F/2 acoustic louvers. We do have a safety factor as we will also include a 7'-0" H skirt of acoustic louvers along the 13'-0" L system wall which will reduce the pressure loss acting upon the chiller by an additional 15% reducing to 0.069 inches WG.

Notes:

- Freight extra and not included in pricing. Estimated freight \$5,000.00, actual freight will be billed.
- Taxes are not included.

- **Lead times:**
 - Submittals: 2-3 weeks after receipt of purchase order.
 - Above lead time does not account for revisions/changes of scope.
 - Estimated ship: 8-10 weeks after receipt of "signed," approved submittal.
 - Lead times are based at time of quote and can vary at time of order. Actual ship date can vary due to workload and material availability at time of release.

- *Due to volatile market conditions, quotations are based upon the purchase of raw materials at current prices and valid until the earlier of 30 days or until such time as these materials can no longer be reasonably obtained at the current prices.*

-
- Payment Terms are Net 30 days contingent upon credit approval.
- Deposits may be required prior to processing your order.
- Purchase orders should be issued to:
 - Central States Group
 - 8720 S. 137 Circle
 - Omaha, NE. 68130
 - Att: John Jones

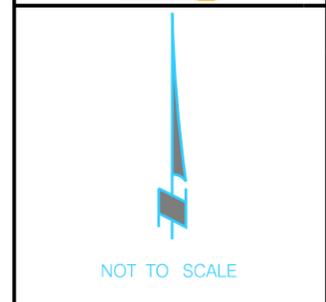
Thank you for the opportunity to Quote!

John Jones
Central States Group
Noise & Vibration Division Manager
402-690-8177
jjones@csgmail.com

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Cedar Rapids—520 50th Ave Dr. SW Cedar Rapids, IA 52404
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PROJECT NO.	SHEET NO.
017-0078	C.1
Date: 12\21\2020	Drawn: TMR Checked: STS Approved: GTS

PROJECT: 24212-TABITHA CRETE
1820 E. 13TH STREET

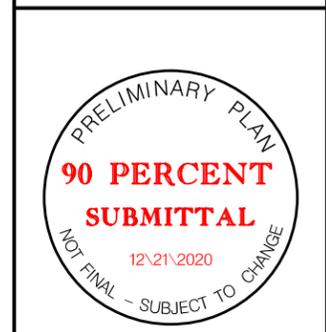


PRIOR TO CONSTRUCTION:

CALL 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION AND OTHER 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.

CONSTRUCTION SHALL MEET CITY OF CRETE STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD PLANS.



COVER

CRETE, NEBRASKA

UNITE PRIVATE NETWORKS

24212-TABITHA CRETE

1820 E. 13TH STREET

PROJECT COORDINATION CONTACTS			
NAME	AGENCY	PHONE NUMBER	EMAIL
SHAUN FRYE	UNITE PRIVATE NETWORKS	402-669-7460	SHAUN.FRYE@UPNFIBER.COM
TOM OURADA	CITY OF CRETE	402-826-4312	TOM.OURADA@CRETE.NE.GOV

PERMITS REQUIRED	
SHT. NO.	DESCRIPTION
F.1-F.2	CITY OF CRETE

SHT. NO.	SHEET INDEX
C.1	COVER
G.1	GENERAL NOTES
F.1-F.2	FIBER DESIGN



USER: field
 DATE: 12\21\2020
 DGN: F:\2017\0001-0500\017-0078-0078\24212 Tabitha Crete 13th\40-Design\Microstation\Telecom_STATE\017-0078_24212 Tabitha Crete 13th\Sheets\Cover.dgn

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

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

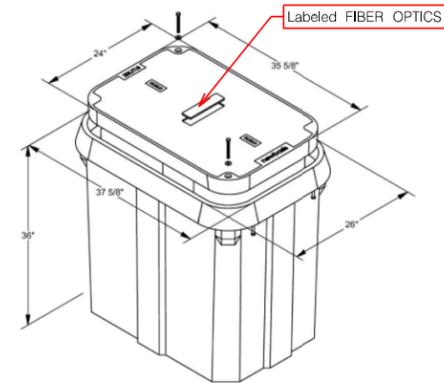
LOAD RATINGS
Incidental Traffic - Parking Lot, Sidewalk
Conforms to:
• WUC 3.6
• ASTM C 857
• ANSI/SCTE 77

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

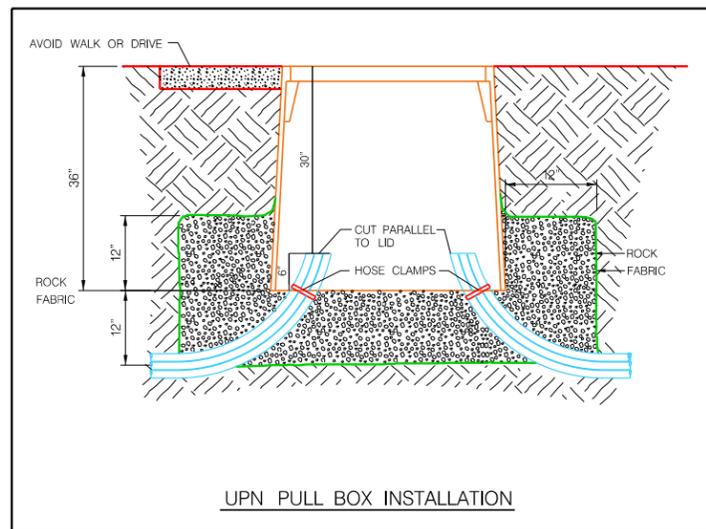
2626 Kansas Avenue
Riverside, California 92507
951.787.0600
951.787.0632 (fax)
info@newbasis.com
newbasis.com



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

REV: A.1

UPN PULL BOX, 24"X36"X36"



UPN PULL BOX INSTALLATION

SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
CONDUIT, 2" B	LF.	863
TRACER WIRE	LF.	1,001
UPN PULL BOX	EA.	1
FIBER, 96 SM, UNDERGROUND	LF.	1,001
FIBER, 96 SM, UNDERGROUND SLACK STORAGE	LF.	260

ALL FIBER (UNDERGROUND/AERIAL) AND CONDUIT (BORE/TRENCH/PLOW) QUANTITIES ARE MEASURED AS LINEAL FEET BETWEEN CENTERS OF PULL BOXES, CABINETS, AND POLES. QUANTITIES DO NOT ACCOUNT FOR ELEVATION CHANGE OR SLACK.

PROJECT NOTES

- 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.
- UNLESS AGREED TO IN WRITING IN ADVANCE BY THE CITY, THE DEPTH OF INSTALLED FACILITIES SHALL BE, AT A MINIMUM, AS FOLLOWS:
 - FORTY-TWO (42) INCHES IN SOIL,
 - 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,
 - FORTY-EIGHT (48) INCHES UNDER A ROADWAY MEASURED FROM THE SURFACE OF SAID ROADWAY TO THE TOP OF THE INSTALLATION,
 - FORTY-EIGHT (48) INCHES UNDER A STORM WATER OR CREEK CHANNEL DESIGN FLOW LINE, AND
 - MAINTAIN A MINIMUM OF 24" OF VERTICAL & HORIZONTAL SPACING FROM EXISTING UTILITIES.
- ALL POTHOLES IN SIDEWALK PANELS WILL REQUIRE FULL PANEL REPLACEMENT.
- ANY CUT OR POTHOLE IN A CONCRETE STREETS PANEL WILL REQUIRE FULL PANEL REPLACEMENT.
- ANY CUT OR POTHOLE IN A ASPHALT STREET LANE WILL REQUIRE SEAM TO SEAM ASPHALT MILLING AND REPLACEMENT.

PROJECT NO. 017-0078	SHEET NO. G.1
Date: 12\21\2020	Drawn: TMR Checked: STS Approved: GTS

PROJECT: 24212-TABITHA CRETE
1820 E. 13TH STREET

olsson

Unite
PRIVATE NETWORKS

netcall.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 OTHER 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.

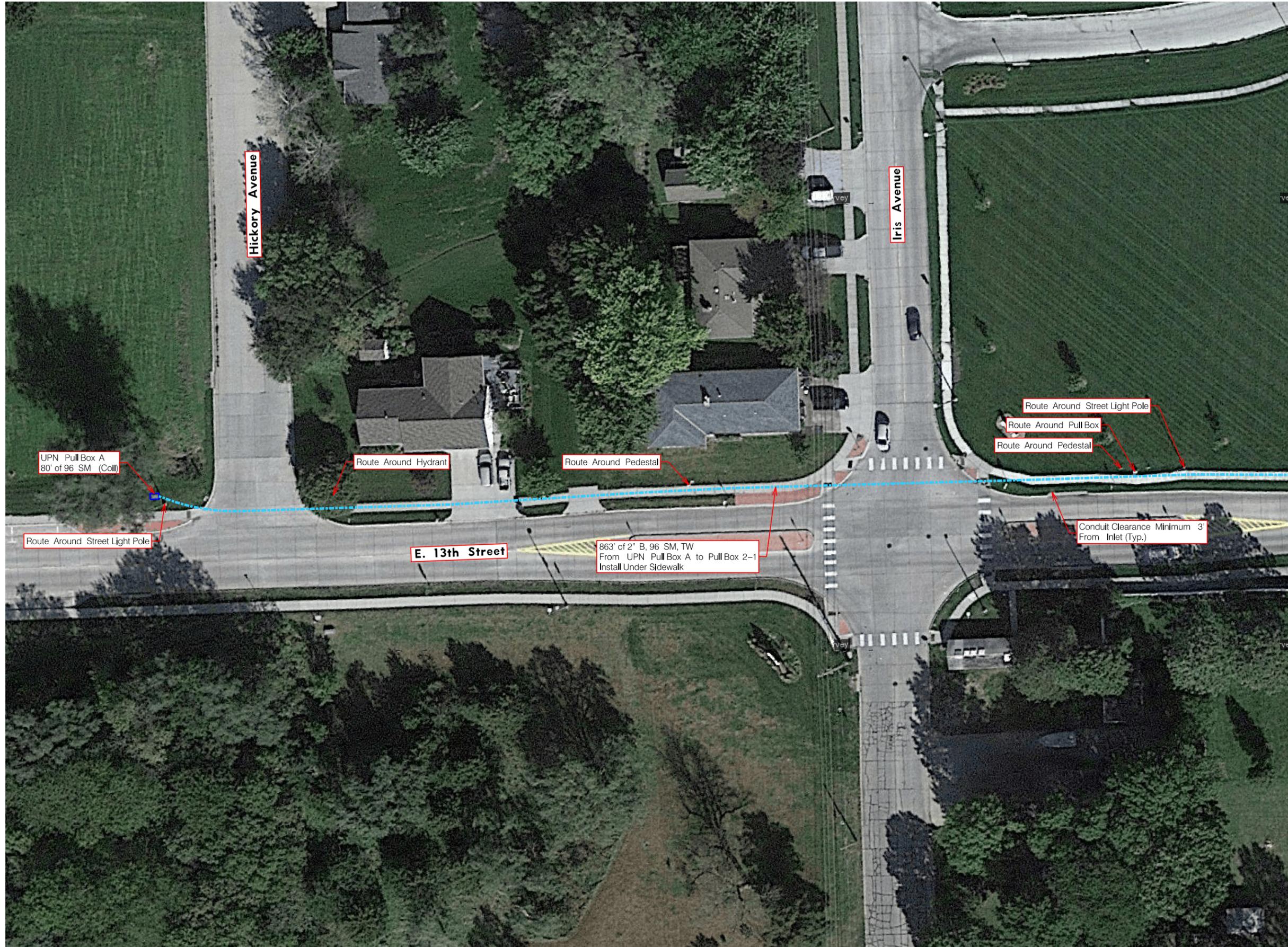
CONSTRUCTION SHALL MEET CITY OF CRETE STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD PLANS.



GENERAL NOTES

USER: field 12/21/2020 DATE: 12/21/2020 DGN: F:\2017\001-0500\017-0078\24212 Tabitha Crete 13in\Sheets\General Notes_STATEWIDE.dgn

USER: field
 DATE: 12/21/2020
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PROJECT NO.	SHEET NO.
017-0078	F.1
Date: 12/21/2020	Drawn: TMR
	Checked: STS
Horz. Scale 1 : 50	Approved: GTS

PROJECT: 24212-TABITHA CRETE
 1820 E. 13TH STREET

olsson



MATCH LINE SHEET F.2

PRIOR TO CONSTRUCTION:

CALL 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLE TELEVISION AND OTHER 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.

CONSTRUCTION SHALL MEET CITY OF CRETE STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD PLANS.



FIBER DESIGN

PROJECT NO.	SHEET NO.
017-0078	F.2
Date: 12/21/2020	Drawn: TMR
	Checked: STS
Horz. Scale 1 : 50	Approved: GTS

PROJECT: 24212-TABITHA CRETE
1820 E. 13TH STREET

olsson



PRIOR TO CONSTRUCTION:

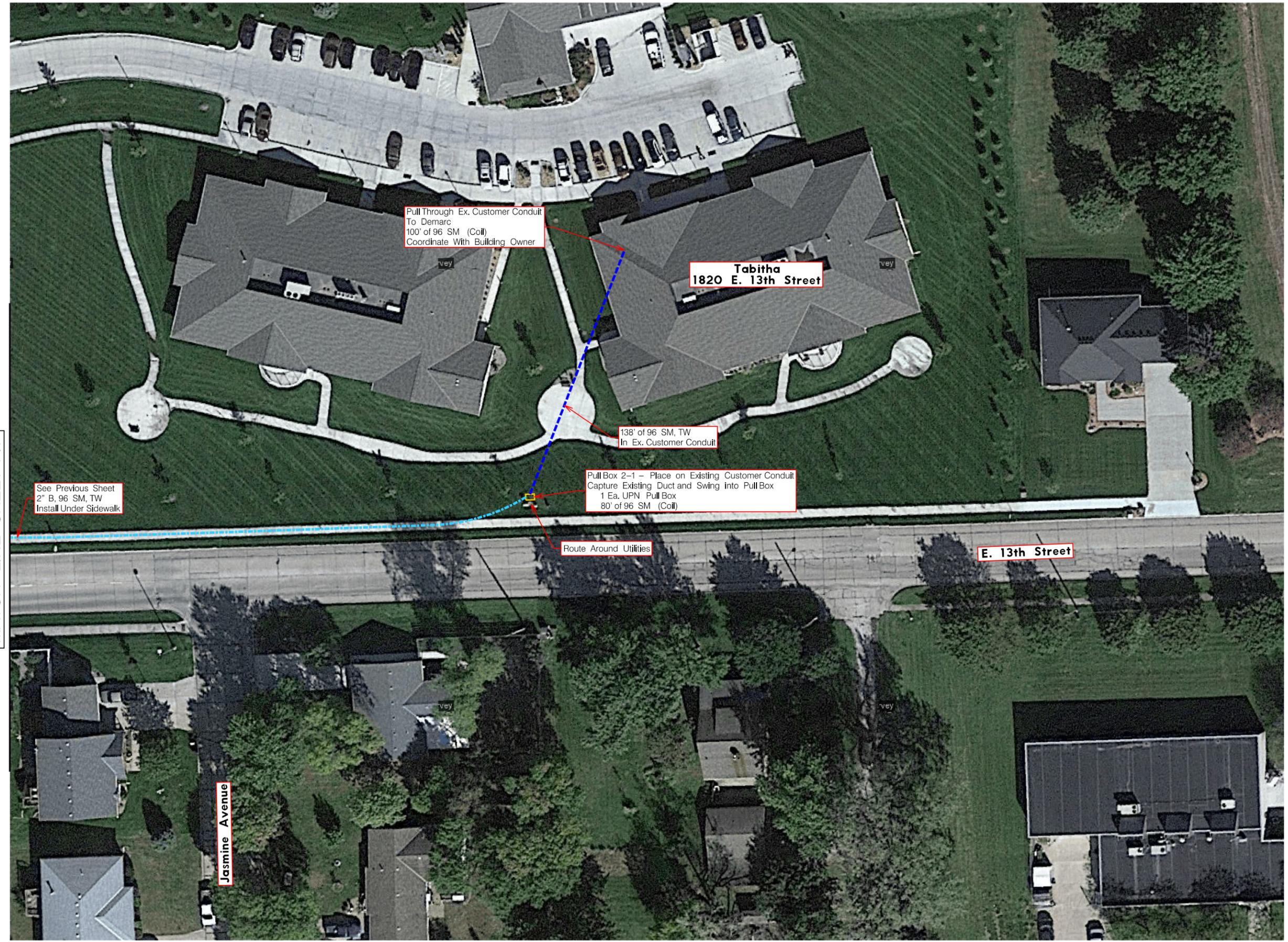
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CONSTRUCTION SHALL MEET CITY OF CRETE STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD PLANS.



FIBER DESIGN



MATCH LINE SHEET F.1

USER: field DATE: 12/21/2020 DGN: F:\2017\0001-0500\017-0078\24212 Tabitha Crete 13th\40-Design\Microstation\Telecom_STATE\017-0078_24212 Tabitha Crete 13th\Sheets\F.2.dgn



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

(Rev. 2, 11-2015)

I Tony Reid (Olsson on Behalf of UPN) hereby request to occupy City of Crete Right-of-
Name

Way at 1820 E. 13th Street to NW Corner of Hickory & 13th with a device or structure.
Address

Description of structure or device:

Underground Bore with 2" HDPE Conduit, 96 SM Fiber, and Tracer Wire from Existing UPN Vault at Tabitha 1820 E. 13th Street

- 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.

Tony Reid
Signature of Applicant

12/21/2020
Date of Application