

Received Date

LANCASTER COUNTY
555 SOUTH 10TH STREET
LINCOLN, NE 68508

L.C.E.D. Utility Permit No.

Utility Company Project or WO No.

Application Date

Application to Construct
Utilities On County property
Only ONE type of Utility per permit.

Contract No.

County Rep.

Application is hereby made to LANCASTER COUNTY by:

Name:

Company Name:

Phone:

Address:

E-Mail:

To construct or maintain a utility or utilities on County right-of-way as follows:

Please be as specific in you location as you can. Cross streets, Addresses, Subdivision Name with Lot & Block numbers, Section-Township-Range.

LOCATION OF WORK:

UTILITY TO BE CONSTRUCTED

TYPE

DESCRIPTION

ANNOTATION

Other

PROPOSED UTILITY INSTALLATION

METHOD

SIZE/WIDTH

DESCRIPTION

DEPTH

DESCRIPTION

Other

NAME AND ADDRESS OF CONTRACTOR(S) PERFORMING THE WORK (if Applicable):

UTILITY PERMIT REQUIREMENTS

NOTE – If Engineer plan sheet project notes conflict with Lancaster County’s utility permit application requirements and the special utility permit requirements, the utility permit application requirements and special utility permit requirements shall govern. **See Page 6 for additional requirements upon permit approval.**

1. Unless agreed to in writing in advance by the owner, the depth of installed facilities shall be at a minimum as follows:
 - A. For utility installation parallel to the roadway, the minimum depth of burial will be 42” (48” in road ditches) measured from the ground surface to the top of the utility, except as noted in “C” below.
 - B. For utility installation transverse to the roadway the minimum depth of burial will be 48” measured from the ground surface to the top of the utility, except as noted in “C” below.
 - C. The minimum depth of burial beneath drainage structures, waterways, creek channels, or culverts within 5’ of the utility route will be 72”, measured from the flow line of the drainage structure, waterway, or creek channel (whichever is lower), to the top of the utility.
 - D. No utility will be buried directly above a drainage structure, **regardless of the burial depth.**
 - E. All crossings with existing utilities will be separated by a minimum of 24”, both horizontally and vertically.
 - F. All paved road and paved driveway crossings will be dry-bored.
 - G. All areas disturbed by construction will be restored to their pre-construction condition. This includes: all open-cut crossings to be backfilled with material excavated from trench; no sand or crushed rock backfill will be allowed; and compaction of backfills to a density equal to or greater than the surrounding soil in and around trenches, bore pits, pull boxes, and other utility appurtenances. It also includes replacing roadway and driveway surfacing lost or damaged by construction, and re-seeding of all areas disturbed by the work.
 - H. Trees within the right-of-way will be preserved by the contractor when possible. All trees, bushes, brush, debris piles, resulting from clearing or grubbing operations will become the property of the contractor and will be removed from county property at the contractor’s expense.
2. The contractor performing the work shall have onsite a copy of approved utility permit allowing permitted work to be done within County Road Right-of-Way.
3. The utility owner or his representative will mark all existing Lancaster County drainage structures along the proposed utility installation route 24 hours prior to construction at a culvert site. All structures will be marked in a manner so as to allow the Utility’s Contractor to identify all “Bore” locations.
4. The contractor will notify Lancaster County Maintenance Superintendent Ron Bohaty at 402-441-7797, within 48 hours, prior to commencing construction on county right-of way.
5. Contractor performing the work to submit insurance certificate naming Lancaster County as additional insured prior to any activities in the right-of-way. Contractor shall also provide Lancaster County a 30 day notice of cancellation, non-renewal or any material reduction of insurance coverage.
6. The applicant, or his contractor, shall contact the local utility companies and request location of any buried utilities. Damage to any utilities, either on County right-of-way or adjacent to County right-of-way, shall be repaired at the expense of the applicant or his contractor.

7. Future road construction work could necessitate relocation of utilities. Those utility relocation costs shall be borne by the utility owner.
8. All trenches shall be backfilled the same day trench was excavated except for the portion where the work is to be continued the next day. The portion left open for work continuation shall be protected by barricades with flashing lights at night. No open trenches in the roadway will be allowed overnight. (Except when such road is closed for construction or except with prior conditional approval to be noted on page #6)
9. Roads may be closed for a maximum of 12 hours, with prior review and approval from this office. (See #11 for signage layout)
10. Road closures longer than 12 hours will require prior review and shall include an approved detour plan. (See #11 for signage layout)
11. Three Type III barricades w/Type A flashing lights shall be placed on each side of construction site. "Road Closed" {R 1 1-2} signs shall be mounted on the middle barricade on each side of the construction site. At the nearest intersection each way from crossing, a "Road Closed _____ Miles ahead -- Local Traffic Only" (R11-3) sign shall be placed.
12. All barricading, flagmen, warning signs, etc. shall conform to the current **Manual on Uniform Traffic Control Devices.**
13. No equipment shall be left unattended on public right-of-way. No trenches shall be left open after working hours. No equipment shall block traffic control devices. If necessary, flagmen shall be required.
14. All pipe and encasements to conform to State Highway Standards.
15. **Notification of proposed utility work to adjacent landowners shall be the responsibility of the Utility Company and or their Agents.**
16. *****Utility Company and or their Agents shall be responsible to notify the Lancaster County Engineering Department upon completion of permitted utility work.*****

TYPICAL CROSS SECTION OF ROAD CROSSING

(Proposed Drawing by Applicant)

I (We) agree to construct the _____ in accordance with the permit requirements and
(utility)
the provisions included as a part of this permit.

COMPANY:

DATE:

SIGNED BY:

Digital signatures ARE accepted.
Please email form back to COENG@LANCASTER.NE.GOV

EXECUTION BY LANCASTER COUNTY

The above application is hereby approved subject to the requirements and provisions of the permit.

APPROVED and dated this _____ day of _____ by the Lancaster County
Board of Commissioners.

LANCASTER COUNTY BOARD OF COMMISSIONERS

Chairperson

APPROVED as to form

this _____ day of _____

Deputy County Attorney

REVIEWED this _____ day of _____, _____

Lancaster County Engineering Representative

I (We) agree to construct the _____ (utility) _____ in accordance with the permit requirements and the provisions included as a part of this permit.

COMPANY:

DATE:

SIGNED BY:

Digital signatures ARE accepted.
Please email form back to COENG@LANCASTER.NE.GOV

EXECUTION BY LANCASTER COUNTY

The above application is hereby approved subject to the requirements and provisions of the permit.

Date

Signed By:

Lancaster County Representative

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(TO BE FILLED IN BY COUNTY PERSONNEL)

Encasement Requirements:

Barricade, Signing and Flagging Requirements:

Methods of Installation:

Minimum Cover Provided in Road Ditches:

Other Requirements:

Additional Comments:

**INSURANCE CLAUSE
FOR LANCASTER COUNTY ENGINEER UTILITY PERMITS**

Insurance; Coverage Information

The contractor shall, prior to beginning work, provide proof of insurance coverage in a form satisfactory to the County, which shall not withhold approval unreasonably. The coverages and minimum levels required by this contract are set forth below and shall be in effect for all times that work is being done pursuant to this Contract. No work on the Project or pursuant to this Contract shall begin until all insurance obligations herein are met to the satisfaction of the County, which shall not unreasonably withhold approval. Self-insurance shall not be permitted unless consent is given by the County prior to execution of the Agreement and may require submission of financial information for analysis. Deductible levels shall be provided in writing from the Contractor's insurer and will be no more than \$25,000.00 per occurrence. Said insurance shall be written on an **OCCURRENCE** basis, and shall be **PRIMARY, with any insurance coverage maintained by the County being secondary or excess.**

Certificates

The Contractor shall provide certificates of insurance and endorsements evidencing compliance with these requirements. The Contractor shall provide a Certificate of Insurance demonstrating the coverage required herein and the necessary endorsements and waivers described herein and below before being permitted to begin the work or project. All certificates, endorsements and endorsement forms (where required) must be acceptable to the County Attorney. Certificates shall include an endorsement to provide for at least thirty (30) days' firm written notice in the event of cancellation. During the term of the Agreement and during the period of any required continuing coverages, the Contractor shall provide, prior to expiration of the policies, certificates and endorsement forms evidencing renewal insurance coverages. The parties agree that the failure of County to object to the form of a certificate and/or additional insured endorsement or endorsement forms provided shall not constitute a waiver of this requirement.

1. Commercial General Liability

The Contractor shall provide proof of Commercial General Liability Insurance with a minimum limit of not less than \$1,000,000.00 each occurrence and \$2,000,000.00 aggregate. These minimum limits can be met by primary and umbrella liability policies. Coverage shall include: Premises-Operations, Products/ Completed Operations, Contractual, Broad Form Property Damage, and Personal Injury. Such coverage shall be endorsed for the general aggregate to be on a **PER PROJECT** basis, and the contractor shall provide an additional insured endorsement acceptable to the County. The required insurance must include coverage for all projects and operations of Contractor or similar language that meets the approval of the County, which approval shall not be unreasonably withheld.

1.1 Additional Insured (Requires an Endorsement Form)

An Additional Insured Endorsement Form showing the County as additional Insured.

1.2 Automobile Liability

The Contractor shall provide proof of Automobile Liability coverage, which shall include: Owned, Hired and Non-Owned. Bodily Injury and Property Damage Combined Single Limit shall be at least \$1,000,000 Per Accident.

1.3 Intentionally Omitted

1.4. Workers' Compensation; Employers' Liability

The Contractor shall provide proof of workers' compensation insurance of not less than minimum statutory requirements under the laws of the State of Nebraska and any other applicable State. Employers' Liability coverage with limits of not less than \$500,000.00 each accident or injury shall be included. The Contractor shall provide the County with an endorsement for waiver of subrogation. The contractor shall also be responsible for ensuring that all subcontractors have workers' compensation insurance for their employees before and during the time any work is done pursuant to this Contract.

1.5 Intentionally Omitted

1.5.1 Intentionally Omitted

1.6 Intentionally Omitted

1.7 Intentionally Omitted

1.8 Railroad Contractual Liability Insurance (Required only if appropriate)

If work is to be performed within 50 feet of any railroad property and affecting any railroad bridge or trestle, tracks, road beds, tunnel, underpass or railroad crossing, the Contractor must provide an endorsement (ISO® form CG24170193 or newer) that removes or deletes any exception for such work in the Contractor's commercial general liability policy. Any endorsement not described herein shall be subject to the approval of the County Attorney.

1.8.1 Railroad Protective Liability (Required only if appropriate)

If work is to be performed within 50 feet of any railroad property and affecting any railroad bridge or trestle, tracks, road beds, tunnel, underpass or crossing or otherwise required by the Special Provisions or applicable requirements of an affected railroad, the Contractor shall provide Railroad Protective Liability Insurance naming the affected railroad/s as insured with minimum limits for bodily injury and property damage of \$2,000,000 per occurrence, \$6,000,000 aggregate, or such other limits as required in the Special Provisions or by the affected railroad. The original of the policy shall be furnished to the railroad and a certified copy of the same furnished to the County Purchasing Department prior to any related construction or entry upon railroad premises by the Contractor or for work related to the Contract.

1.9 Intentionally Omitted

2. Risk of Loss

Except to the extent covered by the builder's risk insurance, the Contractor shall have the sole responsibility for the proper storage and protection of, and assumes all risk of loss of, any Subcontractor's Work and tools, materials, equipment, supplies, facilities, offices and other property at or off the Project site. The Contractor shall be solely responsible for ensuring each subcontractor shall take every reasonable precaution in the protection of all structures, streets, sidewalks, materials and work of other subcontractors. Contractor shall protect its Work from damage by the elements or by other trades working in the area.

3. Umbrella or Excess Liability

The Contractor may use an Umbrella, Excess Liability, or similar coverage to supplement the primary insurance stated above in order to meet or exceed the minimum coverage levels required by this Contract.

4. Minimum Scope of Insurance

All Liability Insurance policies shall be written on an "Occurrence" basis only. All insurance coverage are to be placed with insurers authorized to do business in the State of Nebraska and must be placed with an insurer that has an A.M. Best's Rating of no less than A:VII unless specific approval has been granted otherwise.

5. Indemnification

To the fullest extent permitted by law the Contractor shall indemnify, defend, and hold harmless the County, its elected officials, officers, employees, agents, consultants, and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorney fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible or intangible property, including the Work itself, but only to the extent caused by the negligent, wrongful, or intentional acts or omissions of the Contractor, a subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by the negligence of a party indemnified hereunder. In the event the claim, damage, loss or expense is caused in part by the negligence of a party indemnified hereunder, the indemnification by the Contractor shall be prorated based on the extent of the liability of the party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce obligations of indemnity which would otherwise exist as to a party or person described in this Section. Nothing herein shall be construed to be a waiver of sovereign immunity by the County.

6. Reservation of Rights

The County reserves the right to require a higher limit of insurance or additional coverages when the County determines that a higher limit or additional coverage is required to protect the County or the interests of the public. Such changes in limits or coverages shall be eligible for a change order or amendment to the Contract.

7. Sovereign Immunity

Nothing contained in this clause or other clauses of this Agreement/Contract shall be construed to waive the Sovereign Immunity of the County.

For questions regarding Insurance Requirements, please contact Risk Management.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/26/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER The Harry A. Koch Co. P.O. Box 45279 Omaha NE 68145-0279	CONTACT NAME: PHONE (A/C No. Ext): 402-861-7000		FAX (A/C, No):
	E-MAIL ADDRESS:		
INSURER(S) AFFORDING COVERAGE			NAIC #
INSURER A: AMCO Insurance Company			19100
INSURER B: Nationwide Mutual Insurance Company			23787
INSURER C: Accident Fund Insurance Co of America			10166
INSURER D:			
INSURER E:			
INSURER F:			

INSURED TJC44661
 TJ Cable and Underground Services, LLC
 P O Box 563
 Gretna NE 68028

COVERAGES

CERTIFICATE NUMBER: 196897335

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> 250 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			ACPLA07265335786	11/19/2017	11/19/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			ACPA7265335786	11/19/2017	11/19/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			ACPCAA7265335786	11/19/2017	11/19/2018	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WCV6153420	11/19/2017	11/19/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Leased & Rented Equipment			ACPCIM7265335786	11/19/2017	11/19/2018	\$250,000 \$1,000 Any One Occurrence Deductible

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

AM Best Rating AMCO Insurance Company A+ XV
 AM Best Rating Nationwide Mutual Insurance Company A+ XV
 Lancaster County is additional insured for general liability, including products and completed operations, if required by written contract executed prior to loss. The general liability policy is being endorsed to add form CG2012 (Additional Insured-State or Governmental Agency or Subdivision or Political Subdivision - Permits or Authorizations.
 Waiver of Subrogation applies for workers compensation if required by written contract executed prior to loss.

CERTIFICATE HOLDER**CANCELLATION**

Lancaster County
 444 Cherry Rd, Bldg C
 Lincoln NE 68528

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any person or organization that you perform work for that is liable for an injury, covered by this policy, that prior to the injury has written contract requiring a waiver of our right to recover from them.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective
Insured

Policy No. WCV6153420

Endorsement No.
Premium \$

Insurance Company

Countersigned by _____

CHANGE OF DECLARATIONS ENDORSEMENT - COMMERCIAL GENERAL LIABILITY

Policy Number	ACP GLAO7265335786		
Named Insured & Address	TJ CABLE & UNDERGROUND SERVICES LLC - SEE NAMED INSURED SCHEDULE PO BOX 563 GRETNA NE 68028		
Policy Period: Covers From:	11/19/17	TO	11/19/18 12:01 A.M. Standard Time
Effective Date of This Endorsement:	10/26/18		12:01 A.M. Standard Time
Agent Address	THE HARRY A KOCH CO PO BOX 45279 OMAHA NE 68145		26-04905-066

This policy is changed as follows:

_____ PREMIUMS _____
 OTHER PR/CO

***** ENDORSEMENT CHANGES *****

ITEM CG2012 0413 HAS BEEN ADDED
 A NEW COPY OF THIS FORM HAS BEEN PRINTED
 ADD TERRITORY OF 502
 ADD CLASS CODE OF 49950
 FORM CG2012 0413 VARIABLE INFORMATION HAS BEEN ADDED
 A NEW COPY OF THIS FORM HAS BEEN PRINTED

***** TOTAL *****
 NO CHARGE

THIS IS NOT A BILL - SEE YOUR BILLING STATEMENT

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – STATE OR GOVERNMENTAL
AGENCY OR SUBDIVISION OR POLITICAL SUBDIVISION –
PERMITS OR AUTHORIZATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

<p>State Or Governmental Agency Or Subdivision Or Political Subdivision:</p> <p>LANCASTER COUNTY 444 CHERRY RD BLDG C LINCOLN, NE 68528</p> <p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p>

A. Section II – Who Is An Insured is amended to include as an additional insured any state or governmental agency or subdivision or political subdivision shown in the Schedule, subject to the following provisions:

1. This insurance applies only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision has issued a permit or authorization.

However:

- a. The insurance afforded to such additional insured only applies to the extent permitted by law; and
- b. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

2. This insurance does not apply to:

- a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
- b. "Bodily injury" or "property damage" included within the "products-completed operations hazard".

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
 2. Available under the applicable Limits of Insurance shown in the Declarations;
- whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

All terms and conditions apply unless modified by this endorsement.

PROJ: 111252.dwg
 PEN: ..\tables\pen\CO_penable.tbl
 USER: rhanquist
 DATE: 10/15/2018
 DGN: ..\111252_250_Base.DGN

PROJECT NAME: SW VILLAGE HEIGHTS
 PROJECT LOCATION: OLD CHENEY & S FOLSOM
 PRISM#: 691199
 PO#: 1533761
 REQUESTED BY: CHONE NOUDARANOUVONG

PROJECT CONTACTS			
NAME	AGENCY / TITLE	PHONE NUMBER	EMAIL
SCOTT OFFER	CITY OF LINCOLN RIGHT-OF-WAY CONSTRUCTION MANAGER	402-441-7711	sopfer@lincoln.ne.gov
GREG TOPII	CITY OF LINCOLN INSPECTOR	402-441-7711	gtopii@lincoln.ne.gov
HARRY KROOS	CITY OF LINCOLN INSPECTOR	402-441-7711	hkroos@lincoln.ne.gov
BARNIE BLUM	CITY OF LINCOLN INSPECTOR	402-441-7711	bblum@lincoln.ne.gov
GREG STOHS	CITY OF LINCOLN INSPECTOR	402-441-7711	gstohs@lincoln.ne.gov
LEROY HEIER	CITY OF LINCOLN INSPECTOR	402-441-7711	lheier@lincoln.ne.gov
AARON CRAWFORD	CHARTER - SPECTRUM	402-328-4215	Aaron.Crawford@charter.com

CITY OF LINCOLN, NE (2018) SPECTRUM CONDUIT & CABLE INSTALLATION FOR SW VILLAGE HEIGHTS

LEGEND

- EXISTING PEDESTAL ☒
- EXISTING AERIAL CABLE —
- EXISTING CONDUIT - - - - -
- EXISTING POLE ○
- EXISTING VAULT □
- NEW AERIAL CABLE — (red)
- TRENCHED CONDUIT - · - · -
- BORED CONDUIT - · - - -
- PEDESTAL ☒ (red)
- PULL BOX □ (red)
- RISER ▲ (red)
- BORE PIT □ (orange)
- WORK ZONE SIGN ⊕
- DRUM WITH TYPE 'A' LIGHT ●
- 42" CONE ▲ (orange)
- BLANKET UTILITY EASEMENT AREA ■ (orange)

CABLE AND CONDUIT DESIGNATIONS

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



SHEET INDEX	
SHEET NO.	SHEET NAME
1	COVER
2	GENERAL NOTES
3-8	CABLE LAYOUT PLAN
9	TRAFFIC CONTROL

PERMITS REQUIRED	
TYPE	
CITY OF LINCOLN	

APPROVED FOR CONSTRUCTION

CITY ENGINEER'S OFFICE _____ DATE _____



PRIOR TO CONSTRUCTION:

CALL : 1-800-331-5666 OR 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLEVISION AND CITY OF LINCOLN UTILITIES.

NOTE: 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.



COVER

PROJ: 111252.dwg
 PEN: ..\\ables\\pen\\CO_pen\\table.tbl
 USER: rhanquist
 DATE: 10/15/2018
 DGN: ..\\111252_250_Base.DGN

GENERAL NOTES

1. THE CITY PUBLIC WORKS AND UTILITIES DEPARTMENT, RIGHT OF WAY CONSTRUCTION SECTION SHALL BE NOTIFIED A MINIMUM OF FORTY EIGHT (48) HOURS IN ADVANCE OF INITIAL PROJECT CONSTRUCTION.
2. THE UTILITY COMPANY AND THE CONTRACTOR(S) ARE RESPONSIBLE TO HAVE AT LEAST ONE PERSON ON THE JOB SITE AT ALL TIMES, THAT IS "SITE SUPERVISOR" CERTIFIED.
3. THE CONTRACTOR SHALL ADHERE TO THE CURRENT CITY OF LINCOLN STANDARD SPECIFICATIONS, APPROVED SPECIAL PROVISIONS, LINCOLN STANDARD PLANS, RIGHT-OF-WAY CONSTRUCTION PROCEDURES MANUAL AND THE LINCOLN MUNICIPAL CODE.
4. THE LOCATIONS OF ALL AERIAL AND UNDERGROUND UTILITY FACILITIES MAY NOT BE INDICATED ON THE PROJECT PLANS. THE CONTRACTOR IS REQUIRED TO CONTACT THE NEBRASKA811 ONE CALL NOTIFICATION CENTER (DIAL 811) FORTY-EIGHT (48) HOURS PRIOR TO WORKING IN THE CITY RIGHT OF WAY. NO EXCAVATION WILL BE PERMITTED IN THE AREA OF THE UNDERGROUND UTILITIES UNTIL ALL 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 INFRASTRUCTURE.
5. WHENEVER UNDERGROUND FACILITIES ARE IN CLOSE PROXIMITY TO THE PROPOSED PATHWAY LOCATION OR WHENEVER THE VERTICAL LOCATION OF THE UNDERGROUND FACILITY IS UNKNOWN, THE PERMITTEE SHALL USE SPECIAL MEASURES TO DETERMINE THE LOCATIONS OF SUCH UNDERGROUND FACILITIES.
 - (A) IF THE PERMITTEE IS CONDUCTING THE EXCAVATION BY DIGGING FROM THE SURFACE, WHEN IN CLOSE PROXIMITY TO THE UNDERGROUND FACILITIES, THE PERMITTEE SHALL USE HAND DIGGING, HYDRO EXCAVATING, AIR EXCAVATING, OR ANY OTHER TECHNIQUES THAT ARE APPROVED BY THE DIRECTOR OF PUBLIC WORKS AND UTILITIES TO LOCATE SUCH FACILITY.
 - (B) IF THE PERMITTEE IS CONDUCTING THE EXCAVATION BY TUNNELING OR BORING, THE PERMITTEE SHALL DETERMINE THE VERTICAL LOCATION OF THE UNDERGROUND FACILITY BY POT-HOLING OR ANY OTHER METHOD APPROVED BY THE DIRECTOR OF PUBLIC WORKS AND UTILITIES.
6. PROJECT PLANS SHALL DIMENSION NEW FACILITIES BEING INSTALLED. MEASUREMENTS SHALL BE TAKEN FROM EXISTING ADJACENT VISIBLE STRUCTURES (CURBS, POLES, CABINETS, MANHOLES, INLETS, FIRE HYDRANTS, ETC.) CLEARLY IDENTIFYING LOCATION OF SUCH FACILITY. THE CONTRACTOR SHALL VERIFY DIMENSIONS TAKEN FROM CITY OF LINCOLN FILES.
- 6A. DIMENSIONS SHOWN ON THE SHEETS WERE TAKEN FROM CITY GIS FILES AND SHOULD BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT DIMENSION.
7. UNLESS AGREED TO IN WRITING IN ADVANCE BY THE CITY OF LINCOLN, THE DEPTH OF INSTALLED FACILITIES SHALL BE AS FOLLOWS.
 - A. FORTY-TWO (42) INCHES IN SOIL.
 - B. FORTY-TWO (42) 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 BOTTOM OF PIPE, AND
 - E. MAINTAIN A MINIMUM OF TWENTY-FOUR (24) INCHES OF VERTICAL AND HORIZONTAL SPACING FROM EXISTING UTILITIES.
 - F. BE LOCATED AS FAR FROM THE EXISTING OR PROPOSED CURB LINE AS POSSIBLE TO AVOID POTENTIAL FUTURE CONFLICTS.
8. ALL POTHOLES IN SIDEWALK PANELS WILL REQUIRE FULL PANEL REPLACEMENT. IF COLORED, TEXTURED OR PATTERNED CONCRETE IS EXISTING, REPLACEMENT PANELS WILL BE REPLACED TO MATCH AS PRACTICABLE. OWNER MAY BE REQUIRED TO PUT MONEY INTO ESCROW TO COVER ALL REPAIRS PRIOR TO STARTING WORK.
9. CONTRACTOR IS REQUIRED TO CONTACT AND COORDINATE WITH THE CITY TRAFFIC SIGNAL SHOP PRIOR TO PULLING FIBER/CABLES INTO THE CITY'S CONDUIT/DUCT SYSTEM. CITY FIBER IS NOT TO BE DOWN MORE THAN THREE (3) DAYS. CONTRACTOR TO DETERMINE AND RE-TERMINATE ALL FIBER STRANDS WITH SIMILAR CONNECTIONS PER CITY OF LINCOLN STANDARD SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR FIBER AND IT IS RECOMMENDED TO PRE-TEST FIBER. ALL FIBER WILL BE TESTED WITH AN OTDR AFTER INSTALLATION.
10. ALL NON-STREET SURFACE MATERIALS THAT ARE DISTURBED BY EXCAVATION AND BACKFILLING OPERATIONS SHALL BE REPLACED AND RESTORED.
11. CITY STREET SURFACE MATERIALS DISTURBED SHALL BE BACKFILLED, TAMPED AND REPAVED BY CITY FORCES OR APPROVED PAVING CONTRACTOR.

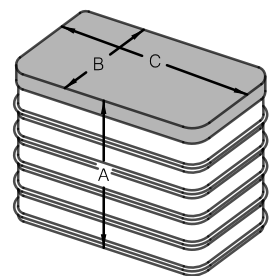
12. IF SIDEWALK, WHEEL CHAIR RAMPS OR ANY PORTION OF THE PEDESTRIAN FACILITIES ARE REMOVED OR CLOSED, A PEDESTRIAN DETOUR SHALL BE ESTABLISHED AND MAINTAINED DURING THE TIME OF THE CLOSURE AND THE ENTIRE PEDESTRIAN FACILITY SHALL BE RESTORED WITHIN SEVENTY-TWO (72) HOURS, UNLESS THE CONTRACTOR PROVIDES A HARD SURFACE ALTERNATE ROUTE APPROVED BY THE CITY.
13. ALL PEDESTRIAN DETOURS AND ANY RECONSTRUCTION OF PEDESTRIAN FACILITIES SHALL MEET CURRENT AMERICANS WITH DISABILITY ACT (ADA) STANDARDS AND SPECIFICATIONS.
14. ALL PEDESTRIAN DETOURS SHALL BE PART OF AN APPROVED TRAFFIC CONTROL PLAN (TCP)
15. ALL HOLES MADE IN CITY OF LINCOLN PAVEMENTS FOR THE PURPOSE OF PERFORMING VACUUM EXCAVATIONS TO LOCATE UNDERGROUND UTILITIES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION WITH THE REINSTATED CORE FLUSH WITH AND IN THE ORIGINAL ORIENTATION AS THE EXISTING SURFACE MATCHING EXISTING PAVEMENT SURFACE APPEARANCE.
16. WHEN THE CONTRACTOR IS NOT ACTIVELY WORKING; ALL EQUIPMENT, FENCING, DEBRIS, ETC. SHALL NOT BE PLACED WITHIN THE TRIANGULAR AREA REQUIRED FOR SIGHT DISTANCE OF VEHICLES EXITING OR ENTERING AN ADJACENT PROPERTY OR INTERSECTION.
17. ALL EXCAVATIONS SHALL BE ADEQUATELY FENCED AND COVERED WHEN CONTRACTOR IS NOT PRESENT OR PROJECT SITE LEFT UNATTENDED.
18. NO LANE CLOSURES ALLOWED ON ARTERIAL STREETS DURING AM AND PM PEAK HOURS OR FROM NOON THE DAY BEFORE TO NOON THE DAY AFTER A UNIVERSITY OF NEBRASKA HOME FOOTBALL GAME UNLESS APPROVED BY CITY TRAFFIC AND RIGHT OF WAY CONSTRUCTION SECTION(S) STAFF.
19. ALL WORK ZONE TRAFFIC CONTROL, INCLUDING PEDESTRIAN CONTROL MEASURES, SHALL BE IN COMPLIANCE WITH THE MUTCD, ADA AND THE CITY STANDARD SPECIFICATIONS AND THE LINCOLN TRAFFIC CONTROL GUIDELINES.
20. IF THE UTILITY INSTALLATION DEVIATES FROM THE DESIGN, THE TRAFFIC CONTROL SUPERVISOR (TCS) IS RESPONSIBLE FOR VERIFYING WITH THE CITY OF LINCOLN OR THE ENGINEER THAT (TCP) CHANGES ARE NOT REQUIRED.
21. THE CONTRACTOR'S TRAFFIC CONTROL SUPERVISOR (TCS) REQUIRES A CURRENT CERTIFICATION IN WORK ZONE TRAFFIC CONTROL. THE (TCS) SHALL FOLLOW THE LINCOLN TRAFFIC CONTROL GUIDELINES (LTCG) FOR: CONSTRUCTION, MAINTENANCE OR UTILITY ACTIVITIES VEHICLES AND PEDESTRIANS CURRENT EDITION.
22. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED OWNERS OF ADJACENT PROPERTIES A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING OF CONSTRUCTION AND PROVIDE UPDATES TO THE AFFECTED OWNERS WHEN CONSTRUCTION PHASES CHANGE THAT AFFECT THE AREAS OF WORK ASSOCIATED WITH THE PERMIT.
23. THE CONTRACTOR SHALL MAINTAIN A SET OF "AS BUILT" PLANS ON SITE WITH DIMENSIONING. THESE PLANS SHALL BE PRESENTED UPON REQUEST TO ANY CITY OF LINCOLN REPRESENTATIVE.
24. FINAL "AS BUILT" PLANS SHALL BE FILED WITH THE CITY WITHIN 30 DAYS OF THE COMPLETION OF THE PROJECT.
25. THE CONTRACTOR SHALL FOLLOW CONSTRUCTION STANDARDS PERTAINING TO LATERAL CORRIDOR FACILITY PLACEMENT AND MINIMUM DEPTH REQUIREMENTS AND CLEARANCE REQUIREMENTS OF OTHER FACILITIES.
26. A CURRENT CITY RIGHT OF WAY CONSTRUCTION PERMIT SHALL BE MAINTAINED ON EACH WORK SITE BY THE CONTRACTOR. THE CONTRACTOR SHALL PRESENT SUCH PERMIT UPON REQUEST TO ANY CITY OF LINCOLN REPRESENTATIVE.
27. ANY FIELD ADJUSTMENTS TO INSTALLATION OF FACILITIES, WHICH VARY FROM THE PLANS THAT HAVE BEEN SUBMITTED AND APPROVED DURING THE PERMIT APPLICATION PROCESS, SHALL COMPLY WITH THE FOLLOWING:
 - A. THE CONTRACTOR MUST STOP WORK IMMEDIATELY AND CONTACT THE FACILITY OWNER.
 - B. THE FACILITY OWNER'S REPRESENTATIVE SHALL CONTACT THE CITY OF LINCOLN RIGHT-OF-WAY CONSTRUCTION INSPECTOR AND PROVIDE HIM WITH THE DETAILS OF THE PROPOSED CHANGES.
 - C. THE ROW INSPECTOR WILL MAKE A DETERMINATION ON HOW TO PROCEED. THIS DETERMINATION MAY RANGE FROM APPROVAL OVER THE PHONE OR VIA EMAIL TO DELAYING THE PROJECT UNTIL PLANS CAN BE UPDATED AND APPROPRIATE REVIEW CAN BE CONDUCTED.

GENERAL NOTES

28. EXCAVATIONS THAT WILL BE OCCUPIED BY PERSONNEL SHALL BE MADE IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) CONSTRUCTION STANDARD-29 CFR PART 1926, SUBPART P-EXCAVATIONS. OSHA STATES THAT A SOIL SHALL BE RECLASSIFIED IF THE PROPERTIES, FACTORS OR CONDITIONS AFFECTING THE SOIL'S CLASSIFICATION CHANGE IN ANY WAY. SHEET PILING AND/OR SHORING WILL BE NECESSARY IF THE SIDES OF THE EXCAVATION CANNOT BE SLOPED TO MEET OSHA REGULATIONS.
29. IF CONFLICTS ARE IDENTIFIED DURING CONSTRUCTION THE CONTRACTOR SHALL ADVISE CHARTER/SPECTRUM.
30. CONTRACTOR VEHICLES MUST HAVE COMPANY NAME AND CONTACT INFORMATION DISPLAYED.
31. A SIGN SHOULD BE PLACED IN THE PROJECT VICINITY INFORMING THE PUBLIC OF THE UTILITY INITIATING THE WORK AND A CONTACT PHONE NUMBER MUST BE LISTED.
32. CONTRACTOR TO IDENTIFY ACTUAL PROPERTY CORNERS TO ASSURE THEY STAY WITHIN THE R/W OR EASEMENTS AS DEPICTED ON THESE PERMIT DRAWINGS.

SCHEDULE OF APPROXIMATE QUANTITIES			
ITEM NO.	ITEM	UNIT	QUANTITY
15.09001	TRAFFIC CONTROL FOR CONSTRUCTION	LS	1
50.00001	NEW VAULT	EA	3
50.00005	BORE 2" CONDUIT W/CABLE	LF	2,648

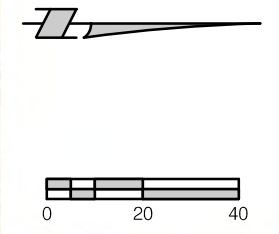
PULL BOX DETAIL



PULL BOX SPECIFICATIONS			
APPLICATION	SOLID THERMOPLASTIC COVER	SPLIT THERMOPLASTIC COVER	POLYMER CONCRETE W/ RING
STATIC LOAD	GREENBELT	GREENBELT	SIDEWALK
50.00001	5,000 LBS.	5,000 LBS.	10,000/20,000 LBS.
	DIMENSION A	DIMENSION B	DIMENSION C
SGLB1730	24"	21.75"	33.25"



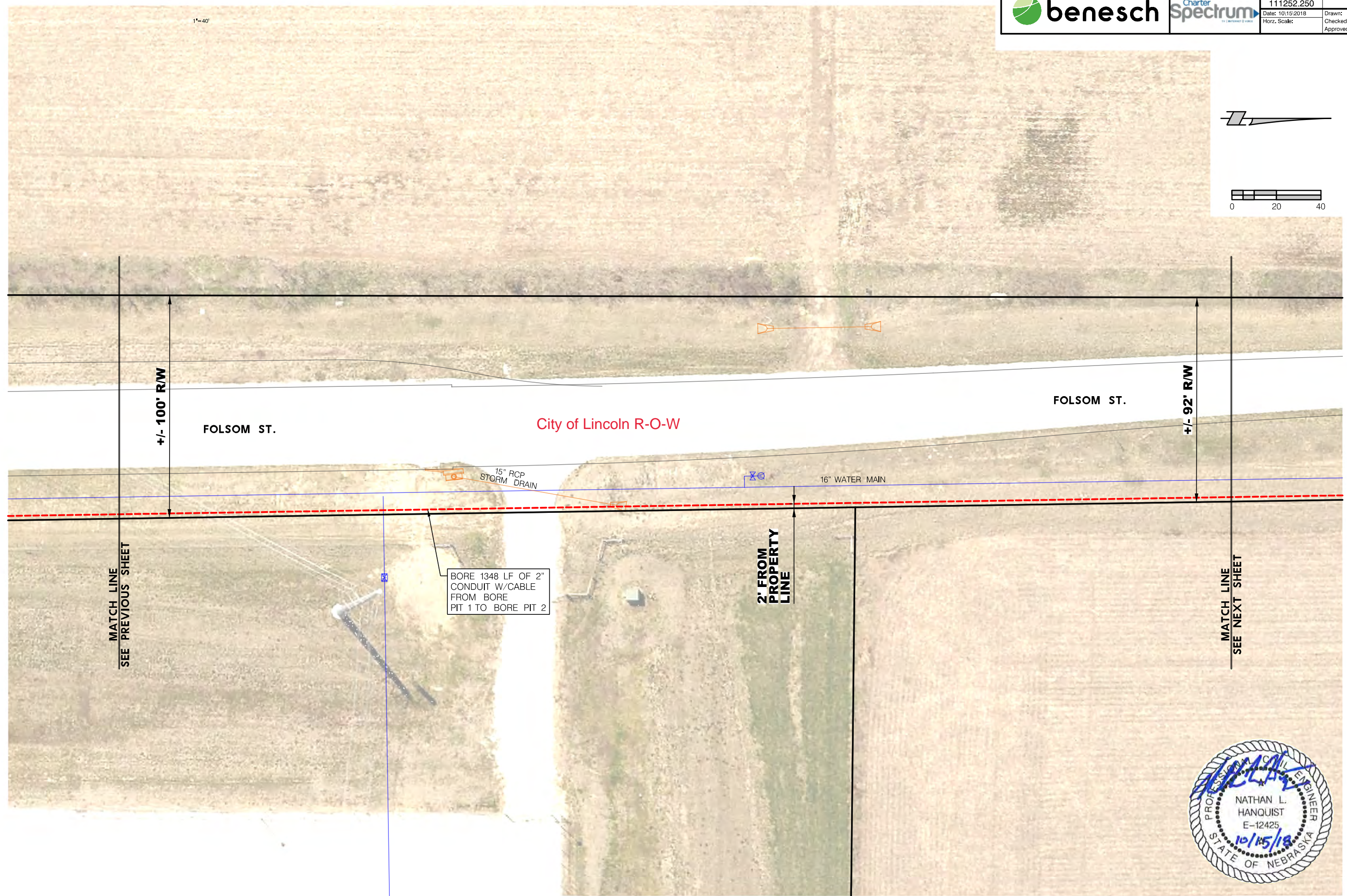
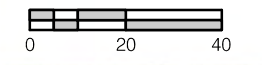
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CABLE LAYOUT PLAN

PROJ: 111252.dwg
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USER: rhanquist
DATE: 10/15/2018
DGN: ...\\111252_250_Base.DGN

1"=40'



MATCH LINE
SEE PREVIOUS SHEET

+/- 100' R/W

FOLSOM ST.

City of Lincoln R-O-W

FOLSOM ST.

+/- 92' R/W

15" RCP
STORM DRAIN

16" WATER MAIN

BORE 1348 LF OF 2"
CONDUIT W/CABLE
FROM BORE
PIT 1 TO BORE PIT 2

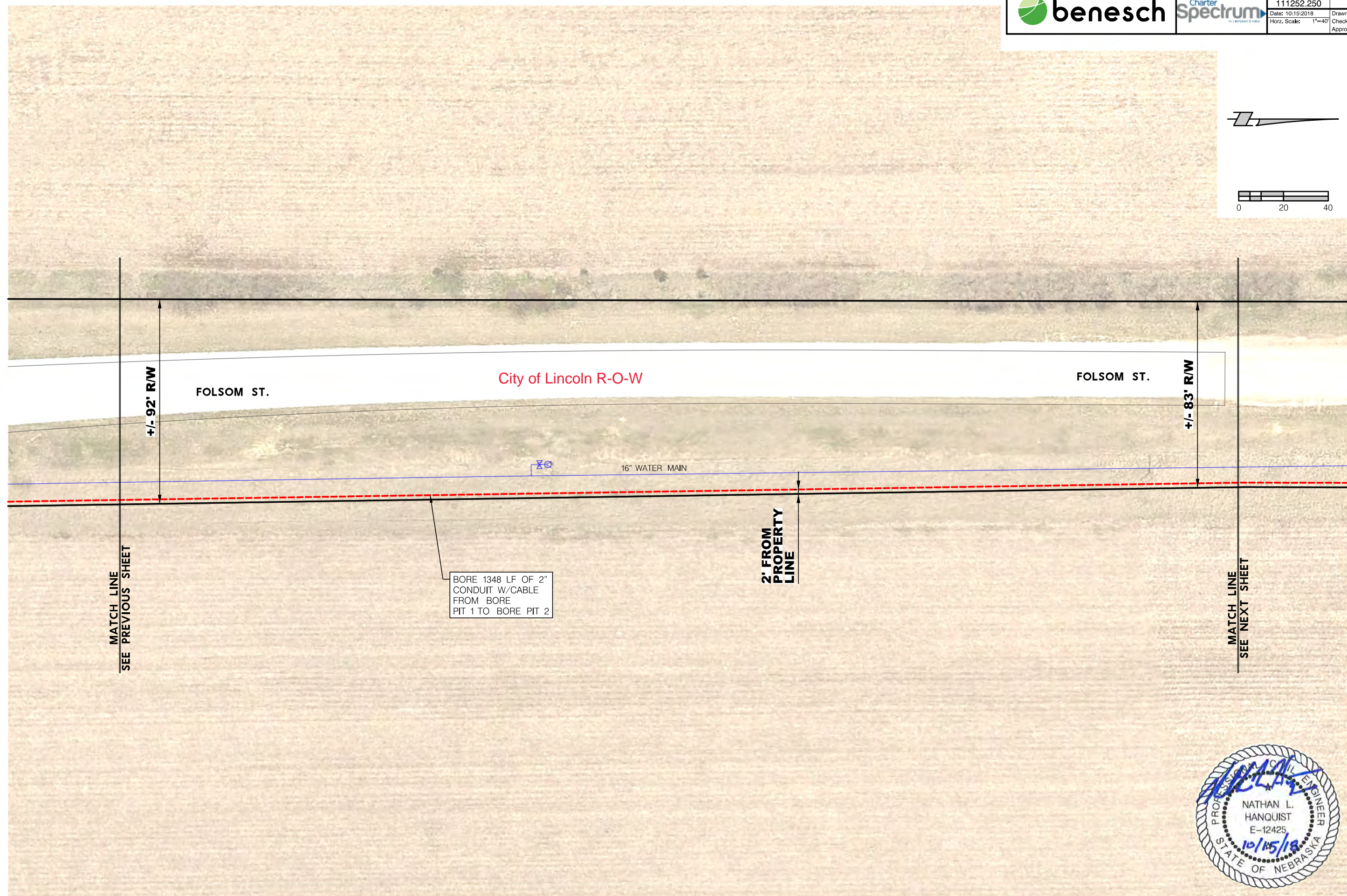
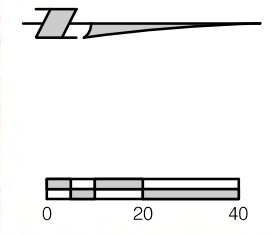
2' FROM
PROPERTY
LINE

MATCH LINE
SEE NEXT SHEET



CABLE LAYOUT PLAN

PROJ: 111252.dwg
PEN: ..\tables\pen\CO_penable.tbl
USER: nhanquist
DATE: 10/15/2018
DGN: ...111252.250_Base.DGN



MATCH LINE
SEE PREVIOUS SHEET

+/- 92' R/W

FOLSOM ST.

City of Lincoln R-O-W

FOLSOM ST.

+/- 83' R/W

16" WATER MAIN

2' FROM
PROPERTY
LINE

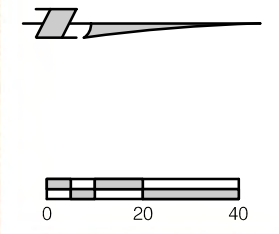
BORE 1348 LF OF 2"
CONDUIT W/CABLE
FROM BORE
PIT 1 TO BORE PIT 2

MATCH LINE
SEE NEXT SHEET

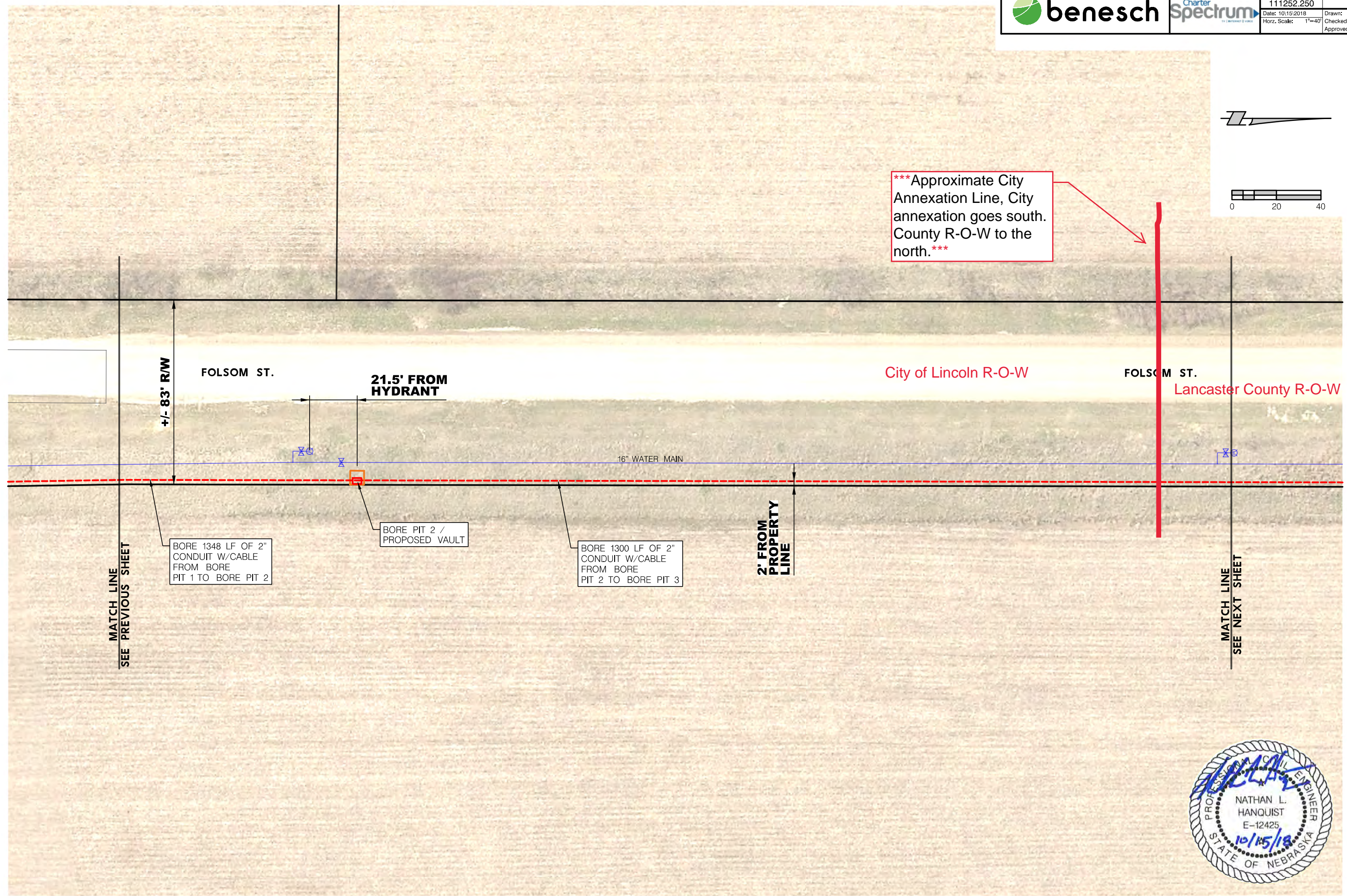


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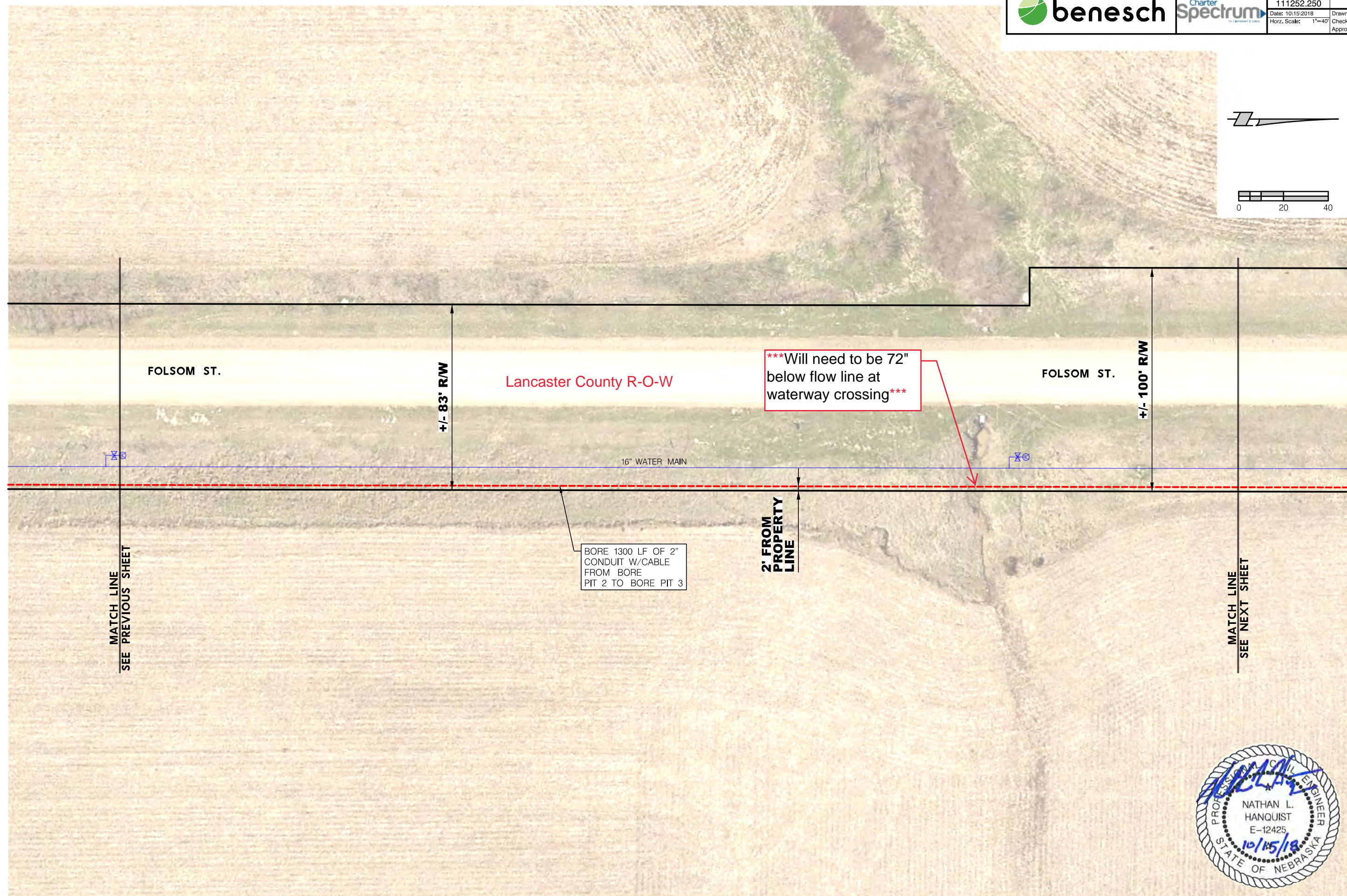
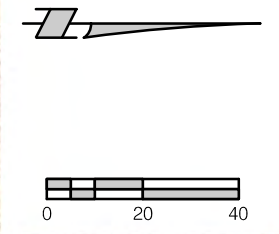


*** Approximate City Annexation Line, City annexation goes south. County R-O-W to the north.***



CABLE LAYOUT PLAN

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DGN: ...\\111252_250_Base.DGN



FOLSOM ST.

+/- 83' R/W

Lancaster County R-O-W

Will need to be 72" below flow line at waterway crossing

FOLSOM ST.

+/- 100' R/W

16" WATER MAIN

BORE 1300 LF OF 2" CONDUIT W/CABLE FROM BORE PIT 2 TO BORE PIT 3

2' FROM PROPERTY LINE

MATCH LINE
SEE PREVIOUS SHEET

MATCH LINE
SEE NEXT SHEET



CABLE LAYOUT PLAN

PROJ: 111252.dwg
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USER: rhanquist
DATE: 10/15/2018
DGN: ...\\111252_250_Base.DGN



MATCH LINE
SEE PREVIOUS SHEET

+/- 100' RW

S FOLSOM ST. Lancaster County R-O-W

16" WATER MAIN

118' FROM HYDRANT

BORE PIT 3 /
PROPOSED VAULT

BORE 1300 LF OF 2"
CONDUIT W/CABLE
FROM BORE
PIT 2 TO BORE PIT 3

2' FROM
PROPERTY
LINE

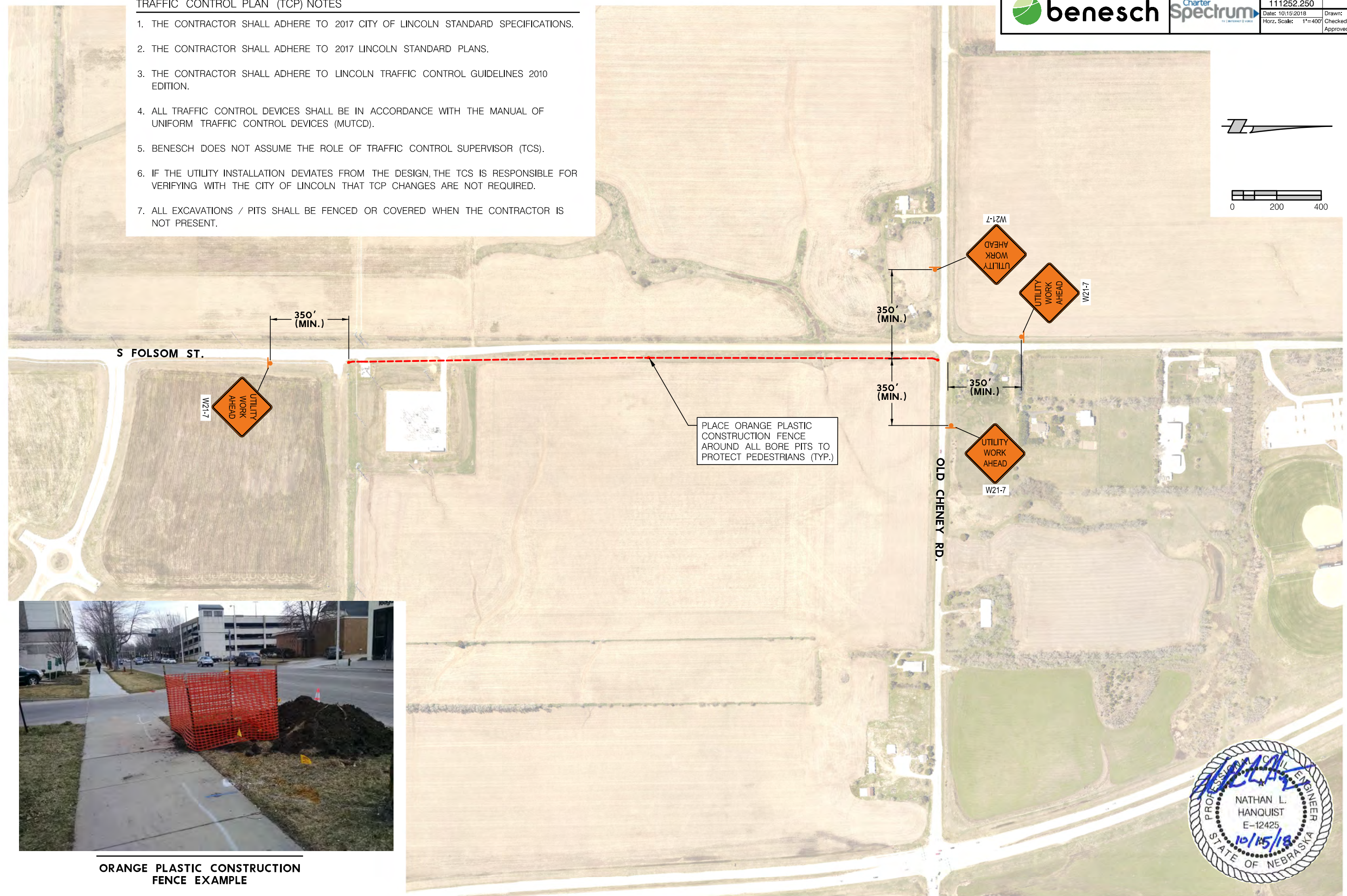
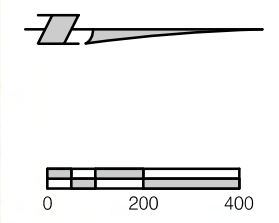
OLD CHENEY RD.



CABLE LAYOUT PLAN

PROJ: 111252.dwg
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 USER: rhanquist
 DATE: 10/15/2018
 DGN: ..\\111252_250_Base.DGN

- TRAFFIC CONTROL PLAN (TCP) NOTES**
1. THE CONTRACTOR SHALL ADHERE TO 2017 CITY OF LINCOLN STANDARD SPECIFICATIONS.
 2. THE CONTRACTOR SHALL ADHERE TO 2017 LINCOLN STANDARD PLANS.
 3. THE CONTRACTOR SHALL ADHERE TO LINCOLN TRAFFIC CONTROL GUIDELINES 2010 EDITION.
 4. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 5. BENESCH DOES NOT ASSUME THE ROLE OF TRAFFIC CONTROL SUPERVISOR (TCS).
 6. IF THE UTILITY INSTALLATION DEVIATES FROM THE DESIGN, THE TCS IS RESPONSIBLE FOR VERIFYING WITH THE CITY OF LINCOLN THAT TCP CHANGES ARE NOT REQUIRED.
 7. ALL EXCAVATIONS / PITS SHALL BE FENCED OR COVERED WHEN THE CONTRACTOR IS NOT PRESENT.



ORANGE PLASTIC CONSTRUCTION FENCE EXAMPLE

Professional Engineer Seal:
 NATHAN L. HANQUIST
 E-12425
 10/15/18
 STATE OF NEBRASKA