

9-12-17
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PATRICK F. GILL
WOODBURY COUNTY
AUDITOR & RECORDER &
COMM. OF ELECTIONS

PERMIT FOR USE OF COUNTY ROAD/HIGHWAY RIGHT-OF-WAY
FOR OVERHEAD AND/OR BURIED UTILITIES ACCOMMODATION

2017 SEP 15 AM 8 14

REQUEST BY APPLICANT:

Name Frontier Communications Highway 110th, Jewell Ave., Knox Ave.
Address 1470 Industrial Rd., LaMars, IA 51031 Township Arlington, Rutland
City of West of Pierson
Office Phone 515-573-1268 Local Phone _____ Section: $\frac{1}{4}$ of $\frac{1}{4}$ Sec See attached plans
Type of Utility Installation Fiber and copper cables/facilities T 89 N, R W 43,44
Plans Prepared By Mid-State Consultants Copy Enclosed X Yes _____ No
Map Showing Location Enclosed X Yes _____ No
Utility Location is X cross right-of-way X parallel to right-of-way
_____ overhead X underground

Proposed Method of Installation

_____ tunnel _____ suspend on poles _____ cased
_____ jack & bore _____ suspend on towers X trench
_____ open cut X plow X Directional Bore

Estimated Starting Date 9/5/17 Estimated Restoration Date 12/30/17

The Applicant understands and agrees that the permitted work shall comply with all permit provisions and conditions listed on the reverse side hereof, and special provisions listed below or attached hereto, and any and all plans, details, or notes attached hereto and made a part thereof. Applicant is to complete in triplicate and send all copies including plans and maps to Woodbury County Engineer, 759 E. Frontage Road, Moxville, IA 51039. One executed copy will be returned to the Applicant.

By [Signature] Title Permit Agent, Mid-State Consultants
(Signature of Authorized Utility Representative) Date 8/28/17

PERMIT APPROVAL BY PERMITTING AUTHORITY

The forgoing application is hereby approved and permit issued by the Permitting Authority subject to full compliance by the Applicant with all provisions and conditions stated herein and on the reverse side hereof and all attachments hereto.

By [Signature] Title Chairman
(Signature of Woodbury County Board Chairman) Date 9-12-17

By [Signature] Title County Engineer
(Signature of Woodbury County Engineer) Date 9-12-2017

Other Special Provisions:

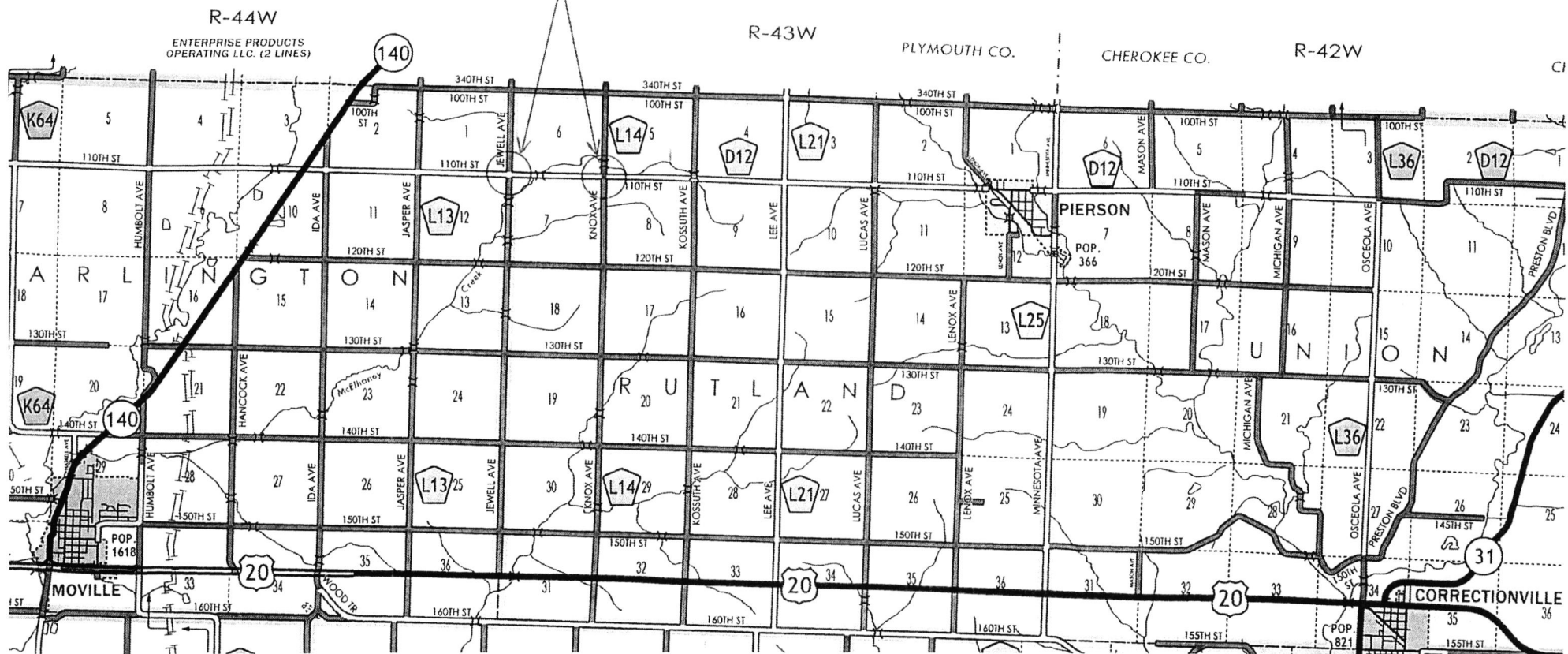
Permit Provisions and Conditions of Issuance

1. The County and/or the County Board of Supervisors will not be charged with any responsibility for damages to the Applicant's property occasioned by any construction or maintenance operations on said county roads, including new or additional right-of-way acquired in connection therewith, subsequent to the building of the Applicant's facilities. The Board will endeavor to give the Applicant sufficient notice of any proposed construction or maintenance work, on either existing or newly acquired right-of-way that is likely to expose, cover up, or disturb any facilities belonging to the Applicant, in order that the Applicant may arrange to protect the facilities. The Board will inform contractors, and others working on the job of the location of the facilities so that reasonable care may be taken to avoid damaging the facilities, however the County and the Board of Supervisors will assume no responsibility for failure to give such notice.

Approved 1/19/99

2. The Applicant shall take all reasonable precaution during the construction of said facilities to protect and safeguard the lives and property of the adjacent property owners and the traveling public and shall save the County and the Board of Supervisors harmless of any damages or losses that may be sustained by adjacent property owners and the traveling public on account of such construction operations.
3. Operations in the construction and maintenance of said facilities shall be carried on in such a way as to not interfere with, or interrupt traffic on said roads. However, should the performance of work called for in this permit in any way interfere with or obstruct traffic on said roads, the Applicant shall provide the necessary flagmen as required by the Statutes when one-way traffic is involved and/or otherwise mark said work so as to protect the traveling public.
4. The Applicant shall hold the County and the Board of Supervisors harmless from any damages that may result to said highway because of the construction or maintenance of said facilities and shall reimburse the County or the Board of Supervisors for any expenditures that the County or the Board of Supervisors may have to make on said roads on account of replacement of surfacing gravel and bridge and culvert repairs.
5. Applicant shall lay, construct, operate and maintain said facilities so as not to interfere with natural drainage of the road and so as not to interfere with the construction or maintenance of said roads. When buried cable or wire lines are to be placed lengthwise with the roadway, they shall be placed in the County road shoulder or ditch near the toe of the fore-slope and parallel to centerline of roadbed at a depth of three (3) to four (4) feet by using specially designed plows or by trenching, whichever is appropriate. Plow slots and trenches shall be repacked as necessary to restore the disturbed area to its original condition. For buried line crossings of roadways not paved, an open trench may be dug and the lines placed therein, and the trench back-filled over the lines. Buried line crossings on paved roadways, lines may be placed through the sub-grade by jacking, or by boring a hole just large enough to take the lines; or if the County Engineer approves, a tunnel may be dug through and the cable or wire lines placed therein. All backfill of tunnels and trenches shall be thoroughly compacted in layers of 6" or less in depth. Back-filling of trenches within the right-of-way by not under the traveled roadway shall be tamped sufficiently to avoid settlement. When crossing an existing roadway, all buried facilities shall be placed a minimum of three (3) to four (4) below the bottom of the existing adjacent ditches. Overhead lines, where practical, shall be placed adjacent to and with two (2) feet of the Road/Highway Right-of-Way Line.
6. The Applicant will at any time subsequent to placing the facilities, and at the Applicant's expense, relay, replace, alter, change, reconstruct, or relocate its overhead and/or buried facilities and appurtenances thereto as may become necessary to conform to new grades, alignment, or widening right-of-way, resulting from maintenance or construction operations by the County Board of Supervisors irrespective of whether or not additional right-of-way is acquired in connection with such road improvements. The Applicant agrees to do this within ninety (90) days written notice from the Board of Supervisors, and without cost to the County. If the Applicant is unable to comply within said ninety (90) days, the Board of Supervisors may cause the work to be done and the Applicant will pay the cost thereof upon receipt of statement.
7. All work shall be done in a workmanlike manner; the surrounding ground, slopes, and ditch bottoms shall be reshaped to conform to the area and left in a neat condition satisfactory to the County Engineer. All areas where sod has been damaged or destroyed shall be re-seeded.
8. The Applicant shall notify the County Board of Supervisors at least forty-eight (48) hours in advance of the Applicant's intention of starting work covered by this permit on the road right-of-way. Said notice shall be in writing to the County Engineer.
9. Applicant, its' successors, grantees and assigns shall and hereby agrees to assume all responsibility, risks and liabilities for all accidents and damages that may occur to persons and/or property on account of the work done under this permit, and to this end, indemnify and hold the County and all authorized representatives thereof harmless from any and all claims, damages, losses, and expense including judgements, costs and including attorney's fees, for personal injuries (including death) or property damage arising or resulting from the activities of the Applicant in connection herewith, now and at all times in the future.
10. It is understood that this permit is issued only insofar as Woodbury County has jurisdiction and does not presume to release the Applicant from fulfilling any existing statutes relating to the installation, construction and operation of said facilities.
11. It is further understood that the facilities covered by this permit shall be constructed or installed within one (1) year after the date of approval of this permit, unless otherwise extended in writing by Woodbury County.
12. Engagement in the operations as herein applied for by the Applicant shall be considered and constitute an acceptance of all the terms and conditions herein set forth.

Project Locations



R-44W

ENTERPRISE PRODUCTS OPERATING LLC. (2 LINES)

R-43W

PLYMOUTH CO.

CHEROKEE CO.

R-42W

CI

ARRLINGTON

RUTLAND

UNION

MOVILLE

PIERSON

CORRECTIONVILLE

140

140

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K64

K64

L14

L13

L13

L14

L21

L25

D12

D12

L36

L36

POP. 1618

POP. 366

POP. 821

340TH ST

100TH ST

110TH ST

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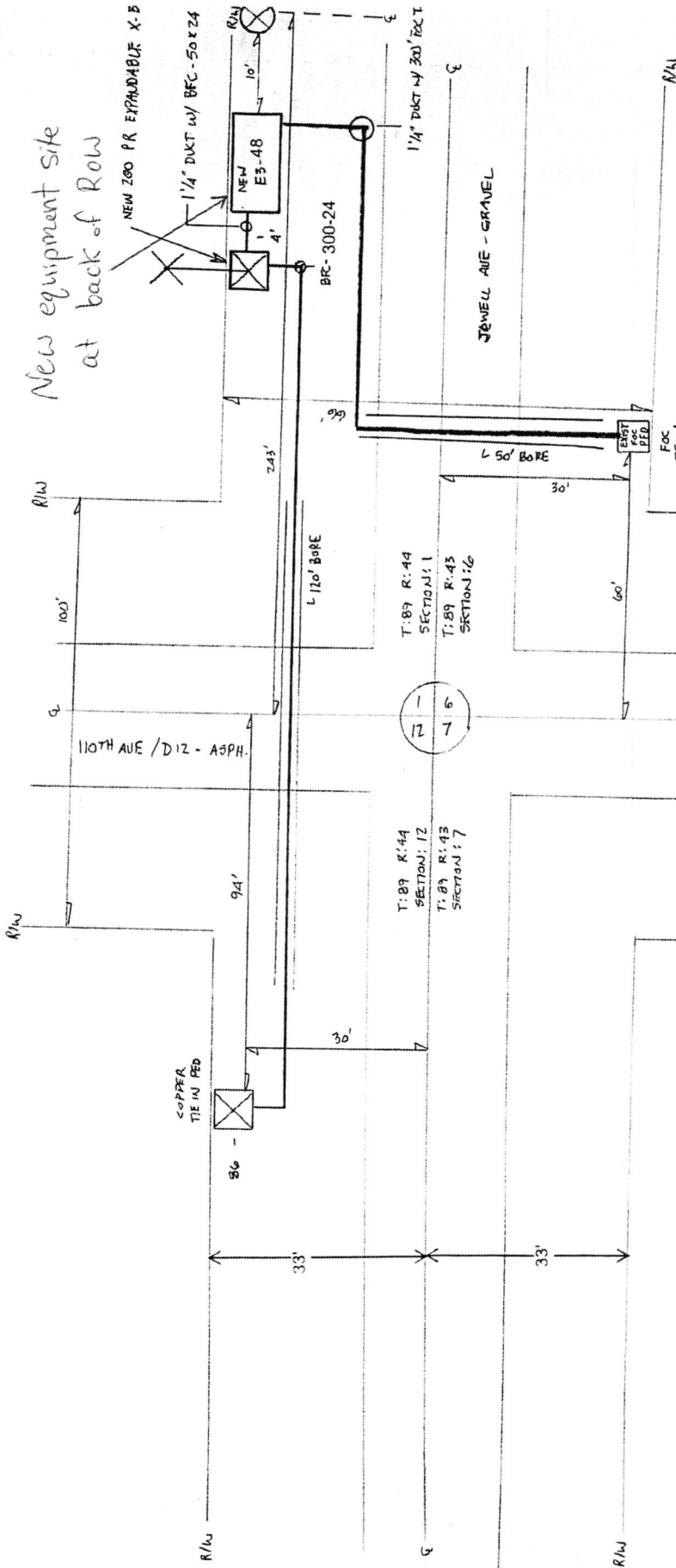
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New equipment site
at back of Row



R/W 47,548005 -95,978350

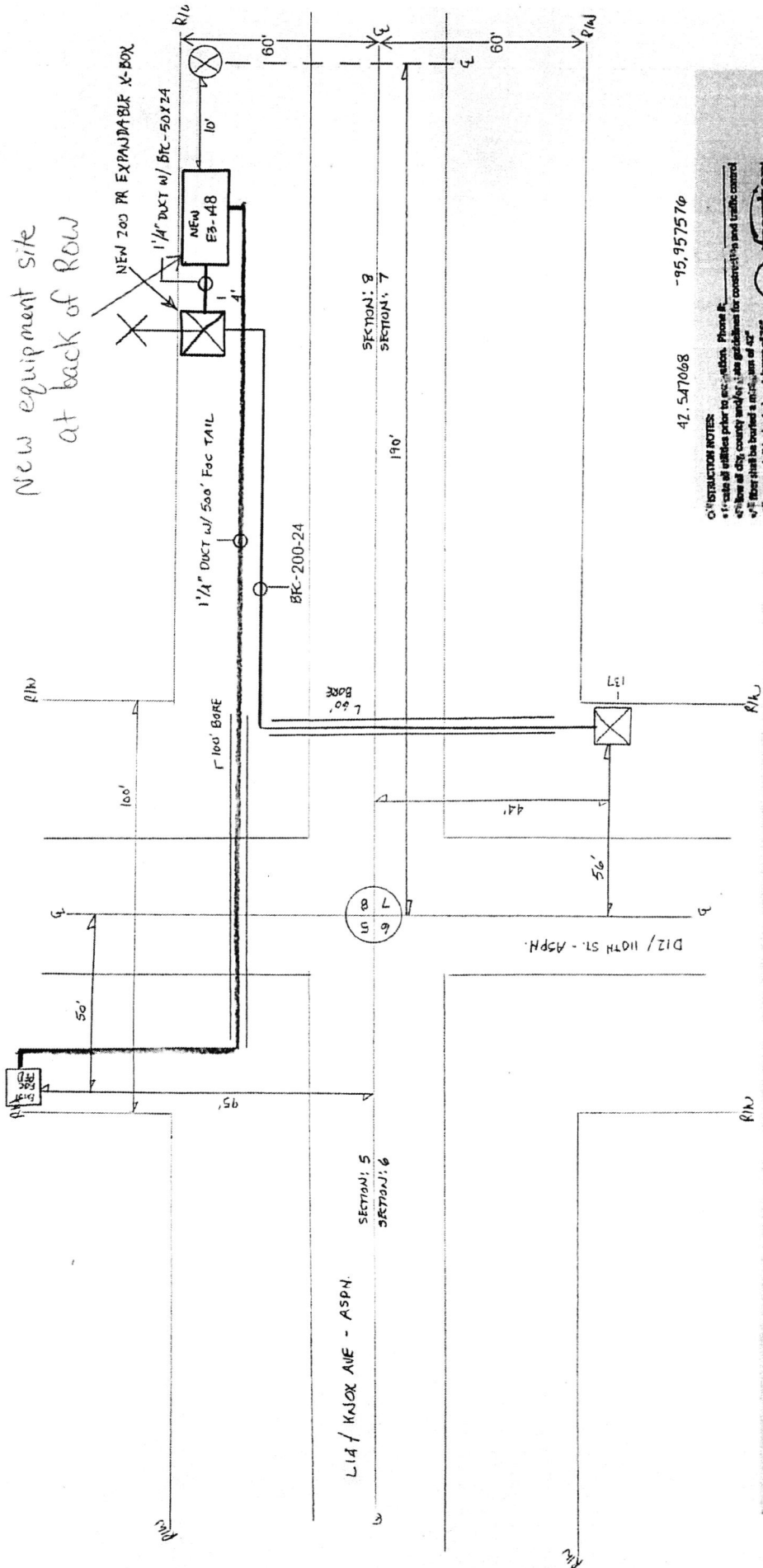
INSTRUCTION NOTES:
 1. Install all utilities prior to excavation. Phase B.
 2. All work shall be done in accordance with the specifications for construction and traffic control.
 3. All work shall be done in accordance with the specifications for construction and traffic control.
 4. All work shall be done in accordance with the specifications for construction and traffic control.
 5. All work shall be done in accordance with the specifications for construction and traffic control.



CD. ARE	11/14/24/11
SCH. CODE	
ENTR	Woodbury Co
FILE	10/11/2024
DATE	7-29-17
TIME	11:15
SEC	1 OF 1

QTY	UNIT	DESC	QTY	UNIT	DESC	QTY	UNIT	DESC
180	PS18	TOTAL FIBER	175	PS18	PLACE COPPER IN CONDUIT	180	PS18	PLACE COPPER IN CONDUIT
340	BFC	TOTAL COPPER	16	PS16	FLOW ADJUST. CABLE (DUAL)	180	PS16	FLOW ADJUST. CABLE (DUAL)
	PS18	HAND HOLE (2X3)	16	PS16	HOURLY SPlicing	50	PS16	HOURLY SPlicing
	PS16	EDUSTAL (<12)	16	PS16	PLACE FIBER IN CONDUIT	300	PS16	PLACE FIBER IN CONDUIT
40	P55A	BACKHOE	12	L30A	COPPER SPLICING	120	L30A	COPPER SPLICING
60	P55A	BACKHOE COPPER						

New equipment site
at back of ROW



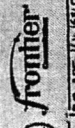
L114 / KNOX AVE - ASPN

SECTION: 5
SECTION: 6

SECTION: 7

47.547068 -95.957576

CONSTRUCTION NOTES:
 1. Call all utilities prior to excavation. Phone R.
 2. Use of city, county and/or state guidelines for construction and traffic control.
 3. Fiber shall be buried a minimum of 42".
 4. Copper shall be buried a minimum of 36".
 5. Cables/fiber may cross, shall be buried.
 6. All work shall be done in accordance with the plans.



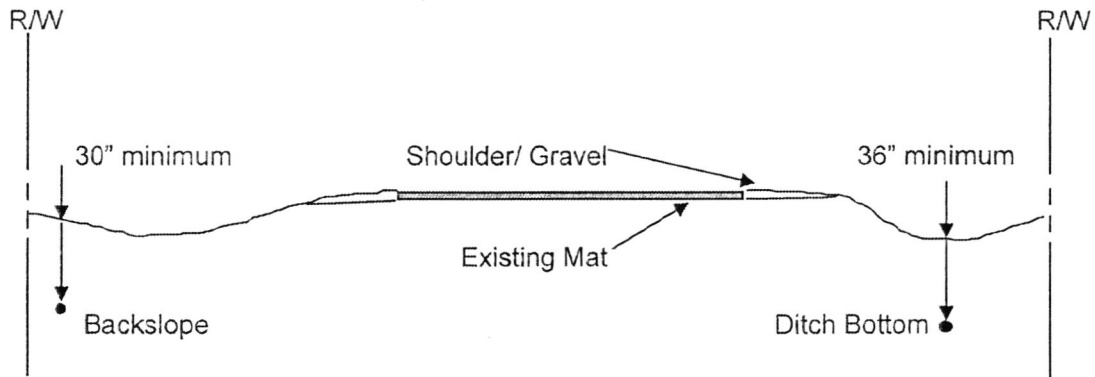
CO. ARE	1/15/2017
SCHL CODE	
UNIT: WOODBURY CO	
FILE	
DATE	7-29-17
SCALE	AS SHOWN
DISTRICT	ING 45W
DATE	7-29-17
SCALE	AS SHOWN
DISTRICT	ING 45W
DATE	7-29-17
SCALE	AS SHOWN
DISTRICT	ING 45W

QTY	UNIT	DESC	QTY	UNIT	DESC	QTY	UNIT	DESC
240	BFC	TOTAL FIBER	190	PS 1/2	PLOW (26")	120	PS1F	PLACE COPPER IN CONDUIT
		TOTAL COPPER	190	PS 1/2	X DEPTH (6")	16	L30A	PLOW ADDITIONAL CABLE (DUPLICATE)
		AND HOLE (273')	100	PS 3/4	BORE TOTAL	16	EB0A	HOURLY SPlicing
40	P55A	CRYSTAL (432')	320	PS 3/4	PLACE FIBER IN CONDUIT	12	L30A	HOURLY SPlicing
40	P55A	BACKHOE	60	P59A	BORE COPPER			
40	P55A	BACKHOE COPPER						

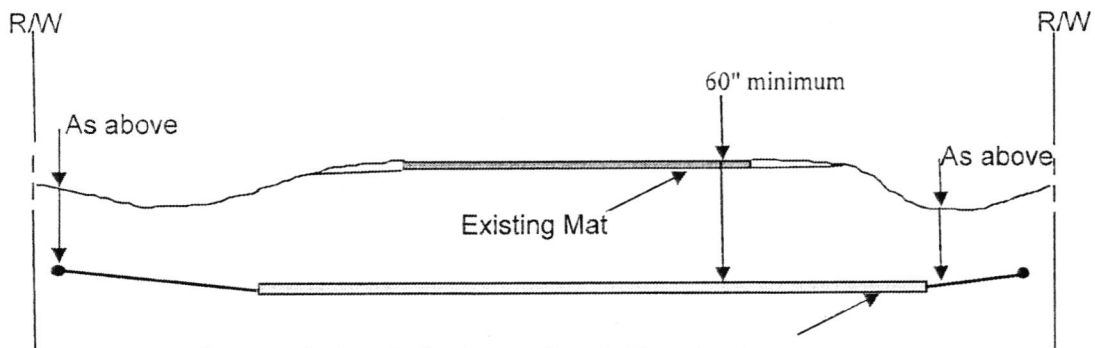
40 P55A BACKHOE COPPER

TYPICAL INFORMATION REQUIRED FOR HIGHWAY PERMIT APPLICATION

CROSS SECTIONS



Typical depth(s) of longitudinal facilities occupying highway right-of-way.



Bore or duct as indicated on the staking sheets.

Typical depth(s) of perpendicular facilities occupying highway right-of-way.

Notes: The distances from centerline are indicated on the staking sheets (plan views) for the areas involved with construction. See the Key Map for general locations of construction corridors. Clean up for the construction process will commence immediately and be completed no later than 10 working days later. Depths reflect *minimums* for copper and fiber cables. Actual placement depths may vary depending on contract requirements.

[Redacted]		
Town:	Range:	Section(s):
Company requesting permit:		

