

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

In re: Application of XO Communications
for approval of the alteration of the aerial
crossing on SR2010. by the installation of
Aerial Fiber Optic Cable where SR2010
crosses above grade the tracks of Norfolk
Southern Railroad located in Wyalusing PA
in Bradford County.

Application
Docket No.

To Pennsylvania Public Utility Commission:

1. The name and address of applicant are XO Communications Services, LLC ("XO Communications"), 1220 Broadcasting Road, Wyomissing, PA 19610
-
2. The name and address of applicant's attorney are Karen Potkul, 13865 Sunrise Valley Drive, Herndon, VA 20171
- 3 XO Communications wishes to construct a communication facility in the Borough of East Lampeter, Lancaster County. To complete the system, the communication facility must cross Norfolk Southern Railroad tracks along Greenfield Road within Norfolk Southern's right-of-way. The communication facility will be placed above ground from PPL Pole 41833/S26346 to PPL Pole 41831/S26351. This is an existing crossing being relocated to comply with height requirements and warning devises.
4. The proposed construction will be a communication facility placed between existing utility poles on either side of the railroad crossing. The fiber optic communication facility will be aerial. Greenfield Road intersects the railroad above grade. See attached plan and profile. The completion date for this project is to be determined.
5. The public utilities, municipalities, corporations and property owners concerned in or affected by, the crossing alteration are identified in Exhibit A.
6. The expected cost for construction is \$3000.00. XO Communications will pay all costs of construction of the aerial communication line, as well as, be responsible for installing, maintaining and inspecting the facilities.
7. The alteration is necessary or proper for the following reasons to eliminate a visual hinderence to railroad signaling devices.

Wherefore, applicant prays your Honorable Commission to approve the application:

(Signature of Applicant)

§ 1.36. Verification.

(a) Applications, petitions, formal complaints, motions and answers thereto containing an averment of fact not appearing of record in the action or containing a denial of fact shall be personally verified by a party thereto or by an authorized officer of the party if a corporation or association. Verification means a signed written statement of fact supported by oath or affirmation or made subject to the penalties of 18 Pa. C.S. §4904 (relating to unsworn falsification to authorities). If verification is required, notarization is not necessary.

(b) The Verification form should comply substantially with the following:

VERIFICATION

I Scott Drieling, hereby state that the facts above set forth are true and correct (or are true and correct to the best of my knowledge, information and belief) and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Date: 4/3/2015



(Signature)

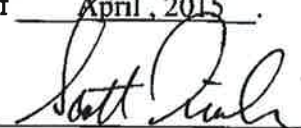
CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of the foregoing document upon the participants, listed below, in accordance with the requirements of § 1.54 (relating to service by participant).

(List names and addresses of participants served.)

(Participants should include the Pennsylvania Department of Transportation, the Railroad Company, the county and municipality where the crossing is located, and any fixed utility companies with facilities at the crossing.)

Dated this Third day of April, 2015.



(Signature)

Exhibit "A" Below

Lancaster County Commissioners
Attn: Dennis P. Stuckey, Chairman
150 North Queen Street
Lancaster, PA 17603

Verizon Pennsylvania LLC
Attn: Gregory A. Jarrett
303 Walnut Street, 11th Fl.
Harrisburg, PA 17101

Ms. Rosemary Chiavetta, Secretary
PA Public Utility Commission
P.O. Box # 3265
Harrisburg, PA 17105-3265

Ms. Gina M. D'Alfonso
Asst. Counsel in Charge
Dept. of Transportation, 9th Fl.

P.O. Box # 8212
Harrisburg, PA 17105-8212

Mazhar Malik
Mgr. PennDot District 8 HOP
2140 Herr Street
Harrisburg, PA 17103

Comcast
Attn: Tim Scanlin
P.O. Box 120
Lancaster, PA 17602

Norfolk Southern Railway, Inc.
C/o AECOM
Attn: NS Pipe and Wire Administration
1700 Market Street, 16th Floor
Philadelphia, PA 19103

East Lampeter Township
Attn: Ralph Hutchinson, Manager
2250 Old Philadelphia pike
Lancaster PA 17602

PPL Electric Utilities
Attn: Tom Malone
651 Delp Road
Lancaster PA 17601

Windstream
Attn: Brenda Wilfong
50 Executive Parkway
Hudson, OH 44236



communications

**GREENFIELD ROAD POLE RELOCATION
LANCASTER, PA
LANCASTER COUNTY
DESIGN**

CUSTOMER APPROVAL

BY: _____

DATE: _____

PREPARED BY:



910 Camaro Run Drive, West Chester, PA 19380
Office: (610) 696-6910 • Fax: (610) 696-6937



CALL BEFORE YOU DIG
1-800-242-1776
72 HOURS NOTICE REQUIRED

REVISIONS		
DATE:	DESCRIPTIONS:	BY:



910 Camano Run Drive, West Chester, PA 19380
Office: (610) 696-6910 • Fax: (610) 696-6997

PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE: GREENFIELD ROAD POLE RELOCATION LOCATION MAP	
LANCASTER, PA	LANCASTER COUNTY
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_Location_Map	
ISSUE DATE:	SCALE: NONE SHEET: 2 OF 9

CONTRACTOR SUPPLIED			
TASK CODE	WORK DESCRIPTION	EST.	ACT.
XXXX	XXX	XXXLF	
XXXX	XXX	XXXLF	

XO SUPPLIED			
MATERIAL DESCRIPTION	EST.	ACT.	
FIBER OPTIC CABLE	XXXLF		
FIBER OPTIC CABLE TAGS	X EA		

WORK PLAN INDEX			
DWG #	DESCRIPTION	ISSUE DATE	ASBUILT DATE
SHT 01	COVER SHEET		
SHT 02	LOCATION MAP		
SHT 03	WORK PLAN INDEX		
SHT 04	CONTACT SHEET		
SHT 05	CONSTRUCTION & GENERAL NOTES		
SHT 06	SYMBOLS KEY		
SHT 07	TYPICAL AERIAL POLE DETAILS		
SHT 08	PROPOSED FIBER ROUTE		
SHT 09	PROFILE VIEW		



REVISIONS		
DATE:	DESCRIPTIONS:	BY:



Metropolitan Communications Group
 fiber engineering construction splicing
 910 Cameron Run Drive, West Chester, PA 19380
 Office: (610) 696-6910 • Fax: (610) 696-6937

PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE: GREENFIELD ROAD POLE RELOCATION WORK PLAN INDEX LANCASTER, PA LANCASTER COUNTY	
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_TOC	
ISSUE DATE:	SCALE: NONE SHEET: 3 OF 9

CONTACT SHEET

XO COMMUNICATIONS:

IMPLEMENTATION ENGINEER: SCOTT DREILING 1-610-842-4323

ENGINEERING CONTRACTOR:

NAME OF FIRM: METROPOLITAN COMMUNICATIONS GROUP 1-610-696-6910
 PROJECT MANAGER: SHAWN PERRIN 1-610-420-3211
 OSP ENGINEER: TED VAUGHAN 1-215-692-0919

CONSTRUCTION CONTRACTOR:

NAME OF FIRM:
 PROJECT MANAGER: #-###-###-####

UTILITIES

ONE CALL SYSTEM (UTILITY LOCATES) 1-800-242-1776

CITY GOVERNMENT

NAME #-###-###-####



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 72 HOURS NOTICE REQUIRED

REVISIONS		
DATE:	DESCRIPTIONS:	BY:



910 Camino Run Drive, West Chester, PA 19380
 Office: (610) 696-6910 • Fax: (610) 696-6937

PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE:
GREENFIELD ROAD POLE RELOCATION
CONTACT SHEET
LANCASTER, PA LANCASTER COUNTY
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_Contact_Sheet
ISSUE DATE: SCALE: NONE SHEET: 4 OF 9

CONSTRUCTION NOTES:

1. ATTACH AT TOP COMMUNICATIONS POSITION UNLESS SPECIFIED OTHERWISE ON THE PRINTS.
2. ALL AERIAL DOMESTIC STRAND WILL BE 6.6M EXCEPT AS DESIGNATED IN THE PRINTS.
3. ALL GUYING DOMESTIC STRAND WILL BE 6.6M OR AS SPECIFIED IN THE DRAWINGS.
4. STRAND WILL BE BONDED TO POWER GROUND AT EVERY AVAILABLE GROUND, IF NO GROUND PRESENT WITHIN 1000' PLACE NEW VERTICLE GROUND AND ROD
5. ALL ANCHORS WILL BE 6' LONG, DOUBLE-EYED, 10" SCREW TYPE.
6. NEW POLES WILL BE 30' CLASS 4 UNLESS OTHERWISE SPECIFIED.
7. ALL AERIAL CABLE WILL BE DOUBLE-LASHED USING TYPE 302 .045 STAINLESS LASHING WIRE.
8. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL MATERIALS WITH EXCEPTION OF FIBER OPTIC CABLE, WARNING TAGS, BURIED CABLE WARNING TAPE, AND OTHER MARKER POST SIGNS.
9. ALL CONDUIT WILL BE 4" ID SCHEDULE 40(i.e. PVC OR GIP), UNLESS SPECIFIED OTHERWISE.
10. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 36" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
11. ALL 90 DEGREE SWEEPS IN CONDUIT CONSTRUCTION WILL BE A MINIMUM 38.2" RADIUS UNLESS SPECIFIED OTHERWISE.
12. ALL CONDUIT MUST HAVE C-WIRE IN WITH INNERDUCT IN A CONTINUOUS PULL FROM START TO END OF CONDUIT, IF NOT ABLE A WATER TIGHT SPLICE CAN BE USED AT HANDHOLE/MANHOLE LOCATIONS
13. MAXIMUM PULLING TENSION ON CABLES IS 600 LBS.
14. PULLING EYE MUST BE USED, AND CORRECTLY ATTACHED TO CABLE VIA A 600 LB. BREAKAWAY SWIVEL.
15. MIMINUM BEND RADIUS FOR FIBER OPTIC CABLE IS EQUAL TO 20 TIMES THE DIAMETER OF THE CABLE.
16. APPROPRIATE DUCT PLUGS WILL BE USED TO SEAL THE CONDUIT AND INNERDUCT.
17. PLACE CABLE TAGS ON FIBER/INNERDUCT AT POLES, MANHOLES, ON BOTH SIDES OF ALL PENETRATIONS AND ON AERAIL CABLE AT POLE ATTACHMENTS, COILS AND SPLICE LOCATIONS.

GENERAL NOTES:

1. THE CONTRACTOR MUST CONTACT PA ONE-CALL AT 1-800-242-1776 FOR LOCATION OF EXISTING FACILITIES PRIOR TO START OF CONSTRUCTION.
2. THE MAJOR PORTION OF THE WORK COVERED UNDER THIS SPECIFICATION WILL BE PERFORMED ON PUBLIC RIGHT OF WAY.
THE SAFETY OF THE WORKERS AND THE PUBLIC SHALL BE CONSIDERED OF THE UTMOST IMPORTANCE. PENNDOT PUBLICATION 203 (WORK ZONE TRAFFIC CONTROL) SHALL BE CLOSELY FOLLOWED. WARNING DEVICES, GUARDS, FLASHERS, FLAGS, AND FLAGMEN SHALL BE USED AS REQUIRED TO PROVIDE ADEQUATE PROTECTION TO VEHICULAR TRAFFIC, THE PUBLIC AND WORKMEN. STATE LAWS, CITY AND COUNTY ORDINANCES RELATIVE TO WORKING HOURS, TRAFFIC CONTROL, WARNING SIGNALS, COLOR OF LENS IN FLASHERS, GUARDS, FLAGMEN, ETC. SHALL BE COMPLIED WITH WHEN WORKING ON OR NEAR ANY PUBLIC RIGHT OF WAY. ALL DEVICES MUST BE IN PLACE PRIOR TO THE START OF CONSTRUCTION AND SHALL BE MAINTAINED BY CONTRACTOR DURING CONSTRUCTION.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA REGULATIONS. PARTICULAR EMPHASIS HAS BEEN PLACED ON THE REQUIREMENT TO SHORE OR SLOPE ALL EXCAVATIONS GREATER THAN FOUR FEET DEEP.
4. ALL KNOWN UNDERGROUND OBSTRUCTIONS ARE MARKED ON THE PLAN AND PROFILE DRAWINGS. HOWEVER, OTHER UTILITY OBSTRUCTIONS MAY EXIST. BEFORE ACTUAL CONSTRUCTION, EXACT LOCATION AND DEPTH OF ALL OBSTRUCTIONS MUST BE DETERMINED BY THE CONTRACTOR. PARTICULAR ATTENTION SHALL BE PAID TO DRAINAGE STRUCTURES AND AN EXTENSIVE BURIED TRAFFIC CONTROL SIGNAL WIRE NETWORK. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THESE ACTIVITIES. DAMAGE AND RESTORATION OF ANY UTILITIES OR ANY OTHER OBSTRUCTION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT ONLY IF ABSOLUTELY NECESSARY AND WITH THE REQUIRED APPROVAL OF INVOLVED STATE AND LOCAL AGENCIES. ANY EXCAVATION LEFT OPEN OVERNIGHT MUST BE SUITABLY MARKED AND PROTECTED BY BARRICADES,

TEMPORARY FENCES, OR COVERED WITH 3/4" STEEL PLATING TO PROTECT THE GENERAL PUBLIC AND VEHICULAR TRAFFIC. STEEL PLATES PROVIDED BY CONTRACTOR WILL BE USED TO MAINTAIN VEHICULAR TRAFFIC AND INGRESS AND EGRESS TO DRIVE IN BUSINESSES DURING CONSTRUCTION.

6. NO OPEN FLAME, TORCH, LIGHTED CIGAR, CIGARETTE OR PIPE SHALL BE BROUGHT NEAR OR INTO AN OPEN MANHOLE. THIS RULE SHALL BE OBSERVED EVEN THOUGH TESTS INDICATE THAT THE ATMOSPHERE IS FREE OF COMBUSTIBLE GAS. MANHOLES MUST BE CONTINUOUSLY VENTILATED WHEN WORKING IN THEM.
7. XO PENNSYLVANIA, AND IT'S REPRESENTATIVES, RESERVE THE RIGHT TO STOP CONSTRUCTION IF, AT ANY TIME, IT DEEM THE WORK TO BE UNSAFE, INADEQUATE OR HAZARDOUS. WORK SHALL NOT BE RESUMED UNTIL AGREEABLE MEASURES HAVE BEEN TAKEN TO RESOLVE THE PROBLEM.
8. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
9. EQUIPMENT TYPES SPECIFIED HEREIN (i.e. BACKHOE, TRENCHER, ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR SHOULD ANTICIPATE "HAND TRENCHING" AS REQUIRED BY OTHER UTILITY OWNERS.
10. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENT AGENCY, XO PENNSYLVANIA, OR RIGHT-OF-WAY GRANTOR.



CALL BEFORE YOU DIG
1-800-242-1776
72 HOURS NOTICE REQUIRED

REVISIONS		
DATE:	DESCRIPTIONS:	BY:

























































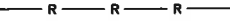






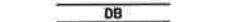










910 Camaro Run Drive West Chester, PA 19380
Office (610) 696-6910 - Fax (610) 696-6937

PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE:
GREENFIELD ROAD POLE RELOCATION CONSTRUCTION & GENERAL NOTES
LANCASTER, PA LANCASTER COUNTY
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_General_Notes
ISSUE DATE: SCALE: NONE SHEET: 5 OF 9

SYMBOLS KEY

	EXISTING		EXISTING	PROPOSED		EXISTING	PROPOSED
NORTH ARROW		RAILROAD CROSSING SIGNAL			RAILROAD TRACKS		
POWER POLE		MILE MARKER POST			FENCE		
TELEPHONE POLE		BRIDGE			GUARDRAIL		
JOINT POLE		TREE			CENTERLINE		
TRANSFORMER ON POLE		BUSH			FACE OF CURB		
CABLE TV POLE		CAUTION NOTE			EDGE OF PAVEMENT		
CONCRETE POLE		TOP OF SLOPE			BACK OF CURB		
STEEL POLE		BOTTOM OF SLOPE			RIGHT-OF-WAY		
PEDESTAL		DITCH LINE			CITY, COUNTY OR STATE BOUNDARY LINE		
POLYMER CONCRETE HANDHOLE		FOOTAGE			PROPERTY LINE		
ELECTRIC MANHOLE		OVERHEAD GUY			UNDERGROUND GAS LINE		
SEWER MANHOLE		SLACK SPAN			UNDERGROUND WATER LINE		
STORM MANHOLE		PUSH BRACE			UNDERGROUND ELECTRIC LINE		
TELEPHONE MANHOLE		POLE TO POLE GUY			UNDERGROUND TELCOM LINE		
WATER MANHOLE		ANCHOR & GUY			UNDERGROUND CATV		
UNKNOWN MANHOLE		SIDEWALK ANCHOR & GUY			UNDERGROUND SEWER LINE		
FIRE HYDRANT (FH)		ANCHOR ONLY			UNDERGROUND STORM DRAIN LINE		
STREET LIGHT (SL)		FIBER SPLICE			TRENCH FIBER OPTIC CABLE		
TRAFFIC LIGHT (TL)		FIBER SLACK COIL (AERIAL)			AERIAL FIBER OPTIC CABLE		
GAS VALVE (GV)		SLACK COIL (UG) (##=FOOTAGE)			REMOVE CABLE		
WATER VALVE/METER (WV/WM)		FIBER TAIL			CONCRETE ENCASED		
ELECTRIC VAULT					DIRECTIONAL BORE		
GROUND					JACK AND BORE		
CATCH BASIN					TEST PIT		
CULVERT (SIZE AS INDICATED)							
RAILROAD SIGNAL							



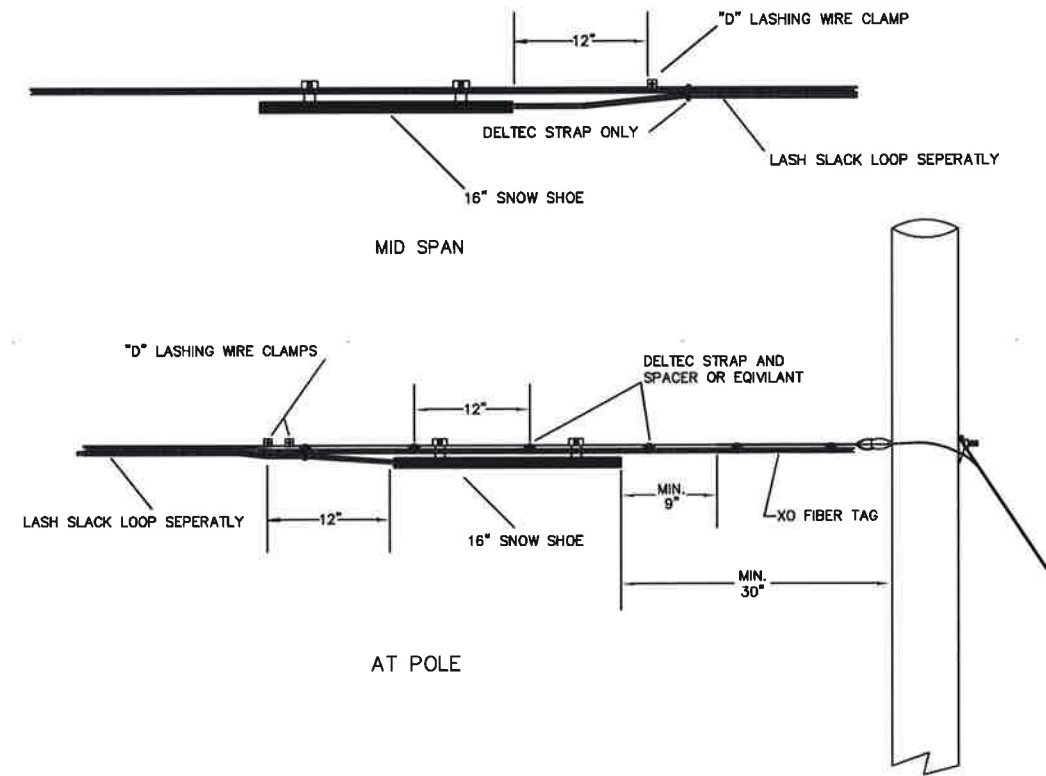
REVISIONS		
DATE:	DESCRIPTIONS:	BY:



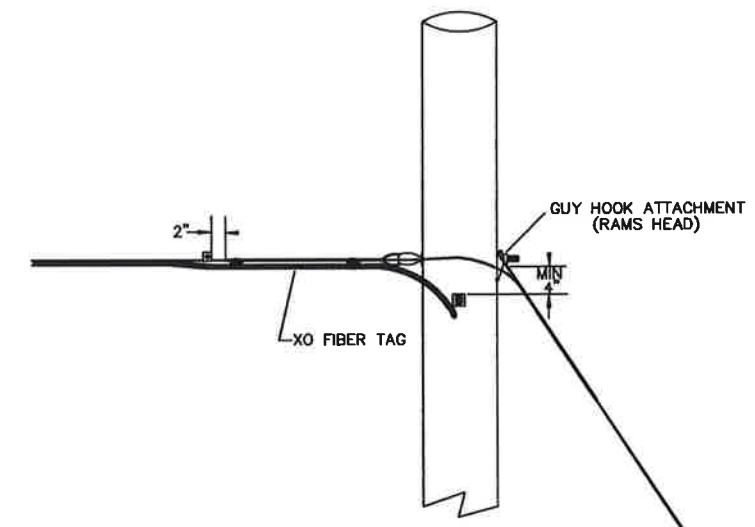
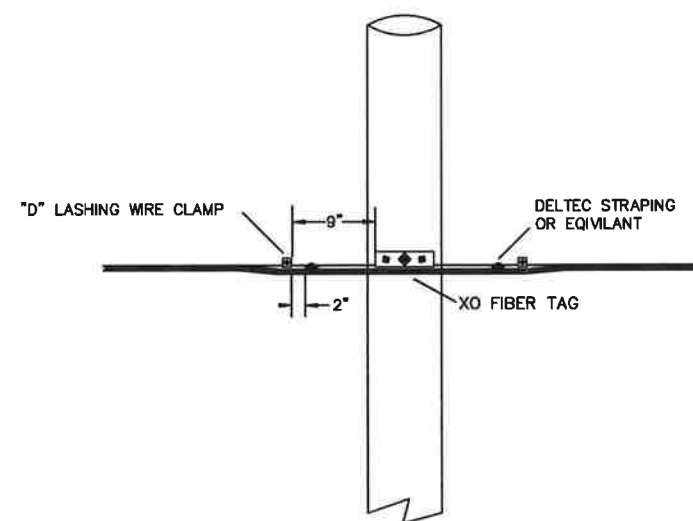
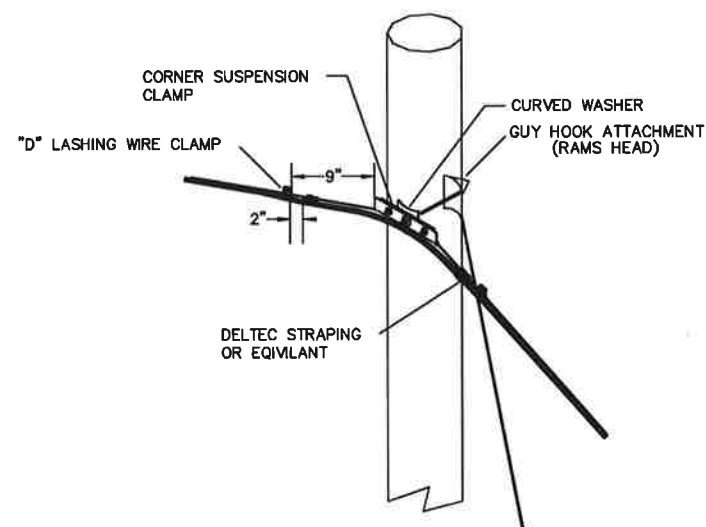
PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE: GREENFIELD ROAD POLE RELOCATION SYMBOLS KEY		
LANCASTER, PA	LANCASTER COUNTY	
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_Symbols_Key	ISSUE DATE:	SCALE: NONE
		SHEET: 6 OF 9

LASHING & SNOW SHOE PLACEMENT



POLE DETAILS



CALL BEFORE YOU DIG
1-800-242-1776
72 HOURS NOTICE REQUIRED

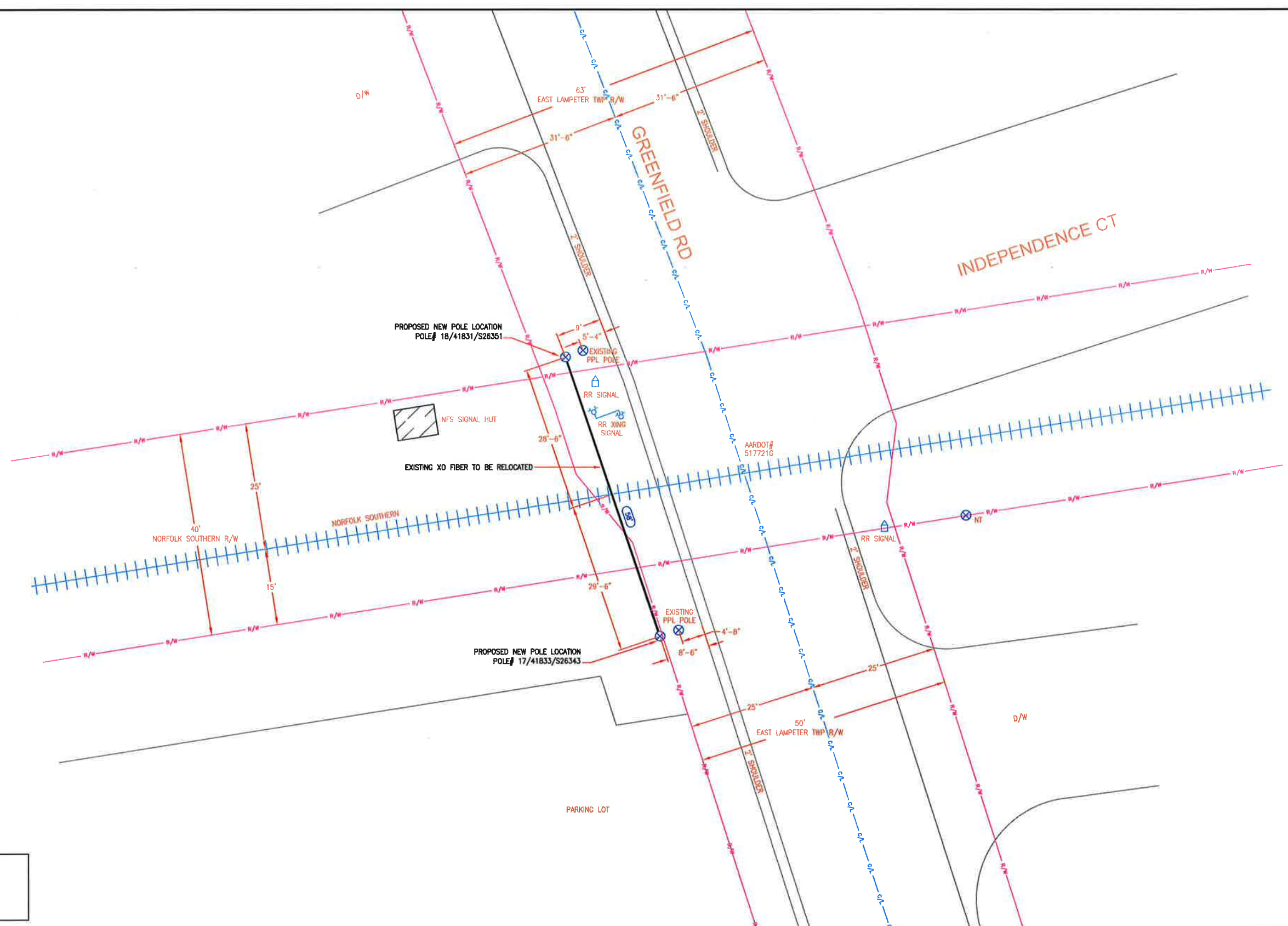
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DATE:	DESCRIPTIONS:	BY:



910 Cantara Run Drive, West Chester, PA 19380
Office: (610) 696-6910 Fax: (610) 696-6937

PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE:
GREENFIELD ROAD POLE RELOCATION
TYPICAL AERIAL POLE DETAILS
LANCASTER, PA LANCASTER COUNTY
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_Typ_Aerial_Dtls
ISSUE DATE: SCALE: NTS SHEET: 7 OF 9



REEL #
CABLE ID #
TYPE 24 FIBER

PERMIT AUTH.
APPL. #
PERMIT #
STA # TO

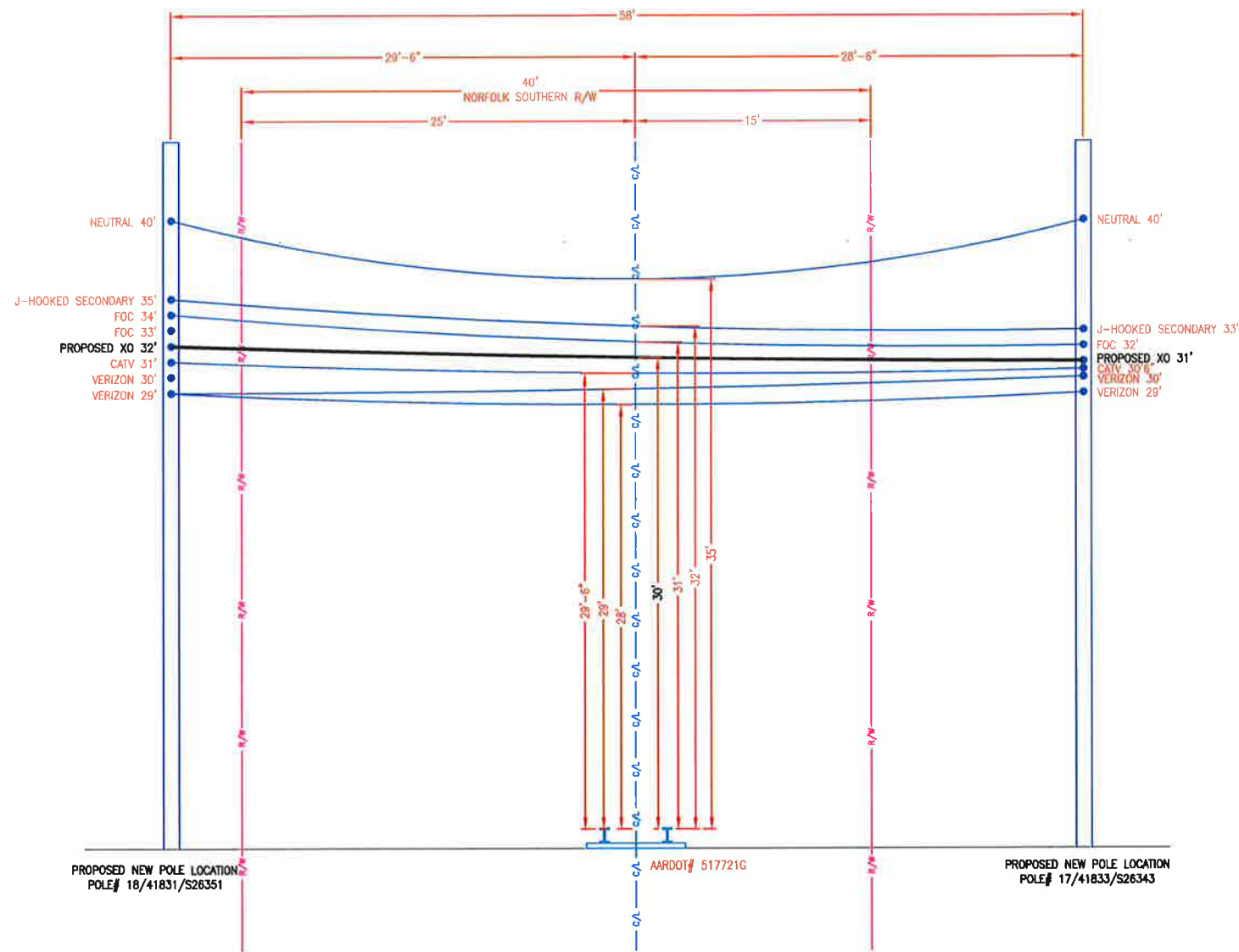


REVISIONS		
DATE:	DESCRIPTIONS:	BY:



PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE: GREENFIELD ROAD POLE RELOCATION PLAN VIEW	
LANCASTER, PA	LANCASTER COUNTY
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_Plan_View	
ISSUE DATE:	SCALE: 1" = 20' SHEET: 8 OF 9



PROFILE VIEW
FACING EAST

REEL #
CABLE ID #
TYPE 24 FIBER

PERMIT AUTH.
APPL. #
PERMIT #
STA # TO

NOTE:

APPROX. ATTACHMENT HEIGHTS AFTER PPL POLE RELOCATION.



REVISIONS		
DATE:	DESCRIPTIONS:	BY:



PROJECT MANAGER: SP
ENGINEERED BY: TV
DRAWN BY: DTL
PRELIMINARY DATE
03/18/15

TITLE: GREENFIELD ROAD POLE RELOCATION PROFILE VIEW LANCASTER, PA LANCASTER COUNTY		
DRAWING NO: XO_Greenfield_Rd_Pole_Relo_Profile_View	ISSUE DATE:	SCALE: 1" = 10'
		SHEET: 9 OF 9