

LEGEND:

- D142 LINE: - - -
- D142 STR: 95

DWG REV	ISSUED TO DOE	10/21	SEK	SEK	BRK	
1	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	CHKD	APPR

EVERSOURCE ENERGY

LINE D142. 115KV LINE
STATE OWNED LAND CROSSING, LOCATION PLAN
LANCASTER, NEW HAMPSHIRE
EXHIBIT 1

T	1
DRAWN	
SEK/TRC	
ENGINEER	
GEL/TRC	
CHECKED	
SEK/TRC	
APPROVED	
BRK/TRC	
DATE	
10/20/21	

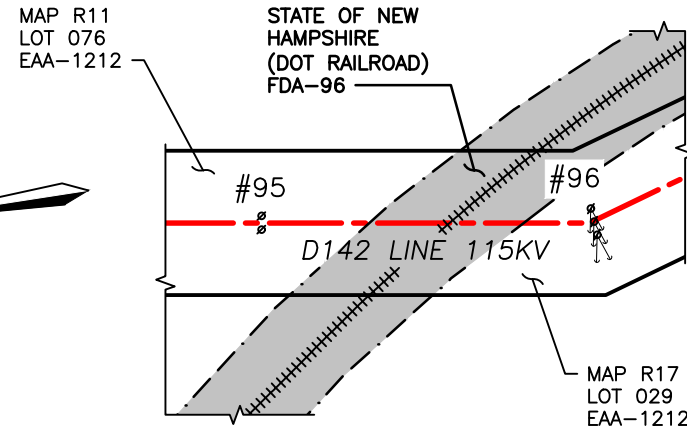
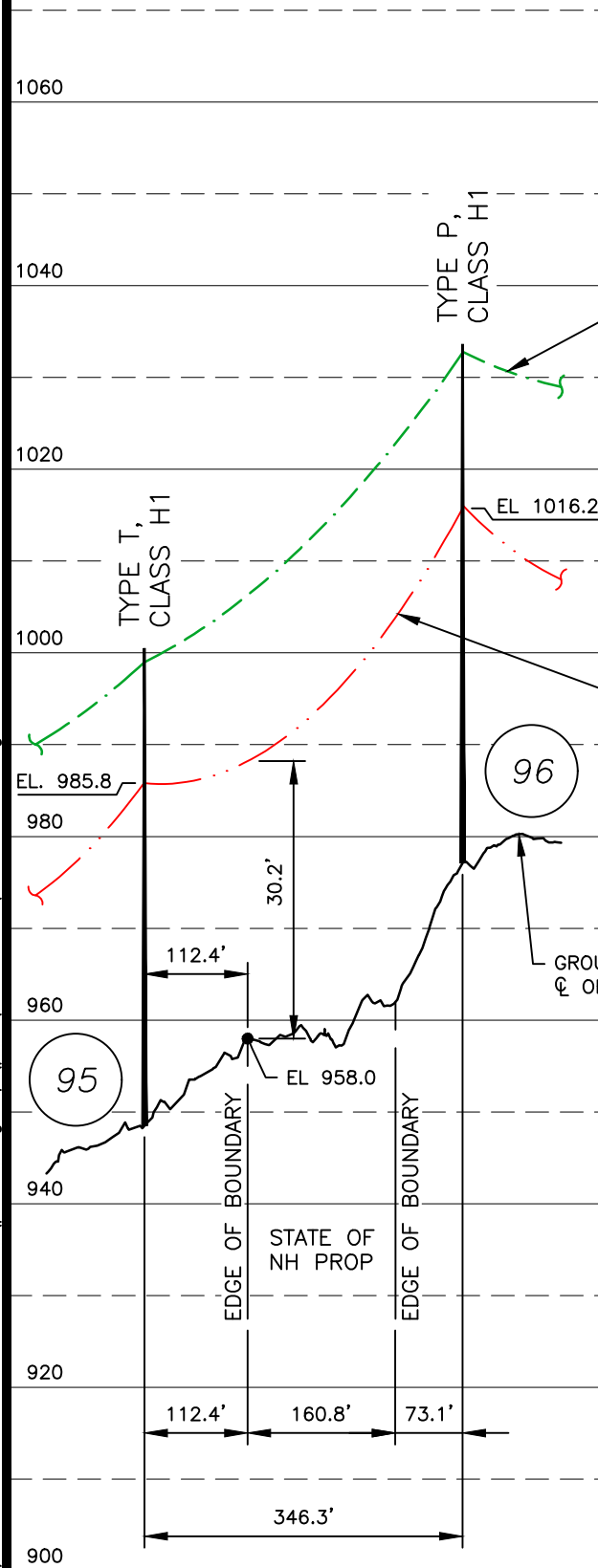
SCALE	FILE: D14243601.DWG	DRAWING NO.
1" = 1000'	IMAGE:	D14243601

ES VER: 12/2016

10/20/2021 7:43 AM - Skern - C:\pwworkingmp\pw1\d2576959\D14243601.dwg - EXHIBIT 2

PROFILE VIEW

SCALE: HORZ 1" = 200'
VERT 1" = 20'



PLAN VIEW

SCALE: 1" = 200'

LEGEND:

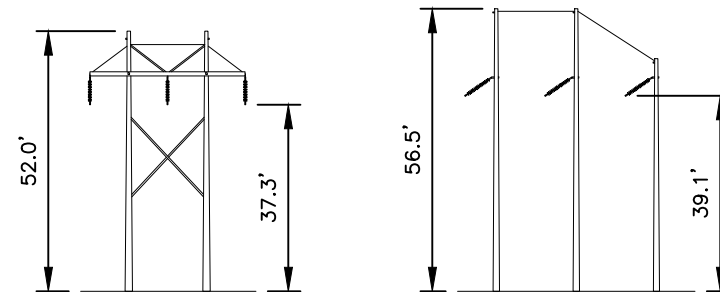
- #96 STRUCTURE (WITH GUYS)
- STATE OF NEW HAMPSHIRE PROPERTY
- RAILROAD
- D142 LINE 115KV LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

NOTES:

1. PARCEL INFORMATION BASED ON TOWN OF LANCASTER TAX MAP RECORDS (NH GRANIT DATA IS INCOMPLETE IN THIS AREA).
2. ONLY LOWEST CONDUCTOR PHASE SHOWN FOR CLARITY.
3. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
95	-71.54222403	44.47648519
96	-71.54242302	44.47554627

NESC VERTICAL CLEARANCE (FT) FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
TOP OF TRACK RAIL	28.1

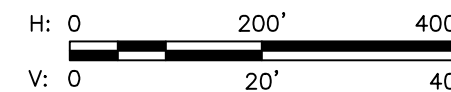


STRUCTURE 95
TYPE T
STR 95: IS AN EVERSOURCE TYPE T, SINGLE CIRCUIT STEEL TANGENT STRUCTURE, HORIZONTAL CONFIG.

STRUCTURE 96
TYPE P
STR 96: IS AN EVERSOURCE TYPE P, SINGLE CIRCUIT STEEL ANGLE STRUCTURE, HORIZONTAL CONFIG., GUYED

STRUCTURE DETAILS

SCALE: NTS



CABLE SCHEDULE						
WIRE	QTY OF CABLES	DESCRIPTION	DESIGN CONDITIONS			
			MAX DESIGN TENSION (lb)	TEMP (°F)	ICE (in)	WIND (psf)
OPGW	2	48F ø.646 AFL S3-81/69/646	5000	0	0.5	4
CONDUCTOR	3	ACSS, 1272 kcmil 54/19, PHEASANT	10000	0	0.5	4

**LINE D142, 115kV LINE
STATE OWNED LAND CROSSING
LANCASTER, NEW HAMPSHIRE
EXHIBIT 2**

SCALE AS SHOWN	DRAWING NO. D14243601
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DWG REV	ISSUED TO DOE	EPN/DESCRIPTION	CONT/PE#	DATE	DRN	SEK	SEK	BRK
1	ISSUED TO DOE			10/21	SEK	SEK	BRK	