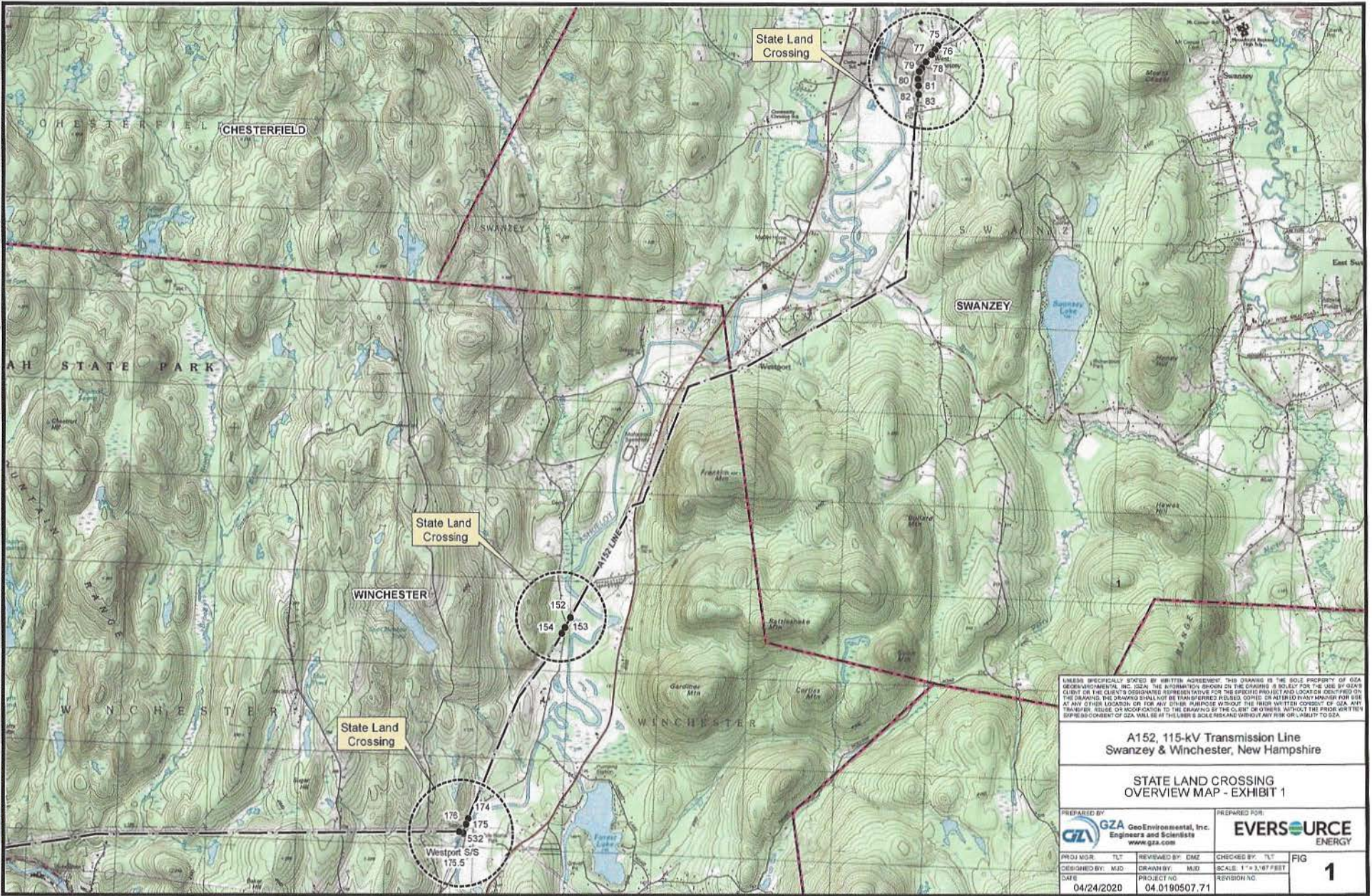


© 2020 - GZA GeoEnvironmental, Inc. P:\041001\152\04\01\000771 - A152 Transmission Line Structure Replacement Project\A152_Egrest\WVD\FWC_USGS_Maps\A152_FWC_OVERVIEW annotated.mxd, 4/24/2020, 11:55:57 AM, lindsay.white



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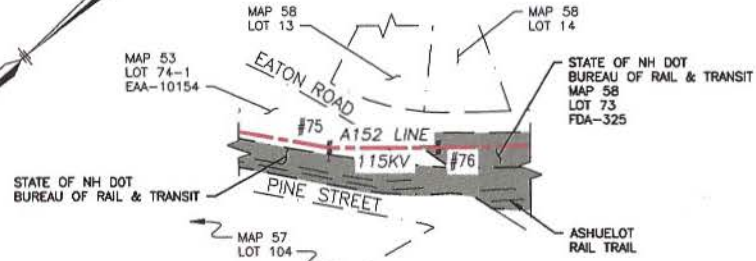
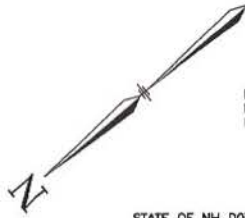
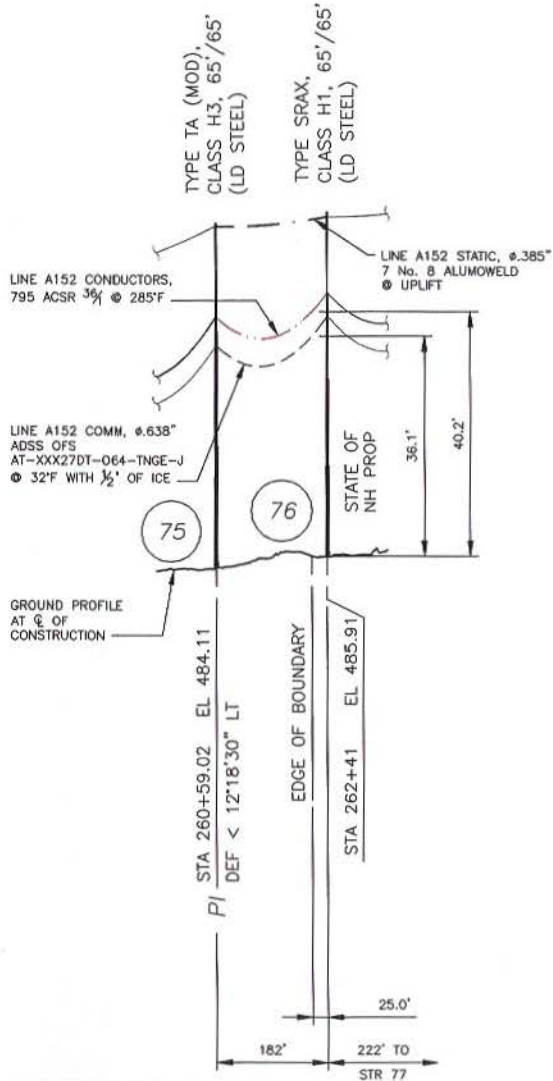
**A152, 115-kV Transmission Line
Swanzey & Winchester, New Hampshire**

**STATE LAND CROSSING
OVERVIEW MAP - EXHIBIT 1**

PREPARED BY GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR 	
PROJ MGR: TLT DESIGNED BY: MJD DATE: 04/24/2020	REVISED BY: DAZ DRAWN BY: MJD PROJECT NO: 04.0190507.71	CHECKED BY: TLT SCALE: 1" = 3,167 FEET REVISION NO:	FIG 1

PROFILE VIEW

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



PLAN VIEW

SCALE: 1" = 200'
PARCEL LINEWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

LEGEND:

- #75 STRUCTURE (WITH GLYS)
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- A152 LINE 115KV LINE, Q OF CONSTRUCTION

STRUCTURE LOCATION

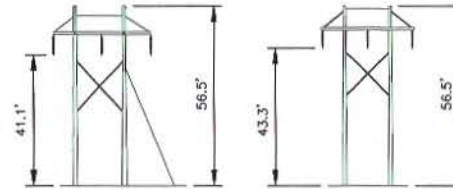
STRUCTURE	LONGITUDE	LATITUDE
75	-72.32060288	42.87215528
76	-72.32103406	42.87177083

NESC VERTICAL CLEARANCE (FT)

FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC	20.1
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1

NOTES:

- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.



STRUCTURE 75
TYPE TA (MOD)

STR 75: IS A SINGLE CIRCUIT ANGLE STEEL STRUCTURE, HORIZ. CONFIG., GUYED.

STRUCTURE 76
TYPE SRAX

STR 76: IS A SINGLE CIRCUIT TANGENT STEEL STRUCTURE, HORIZ. CONFIG.

STRUCTURE DETAILS

SCALE: NTS

REV	ISSUED TO PUC	DATE	BY	CHK	APP
1	ISSUED TO PUC	04/20	BSP	SEK	BRS
2	REV				
3	REV				
4	REV				
5	REV				
6	REV				
7	REV				
8	REV				
9	REV				
10	REV				

EVERSOURCE ENERGY

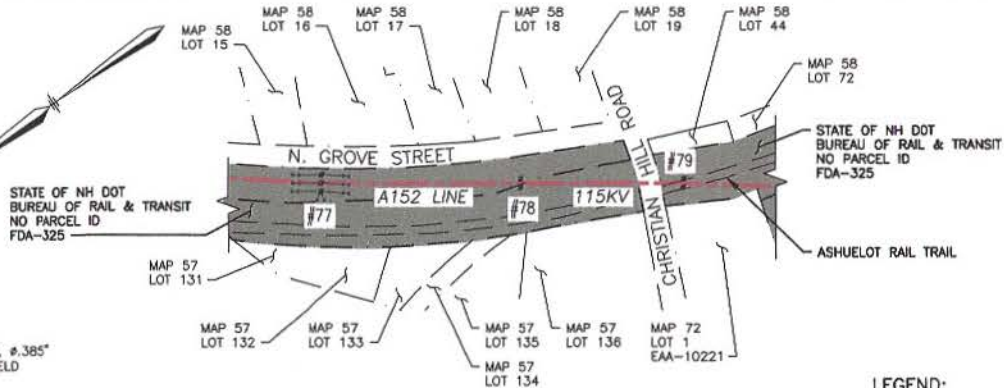
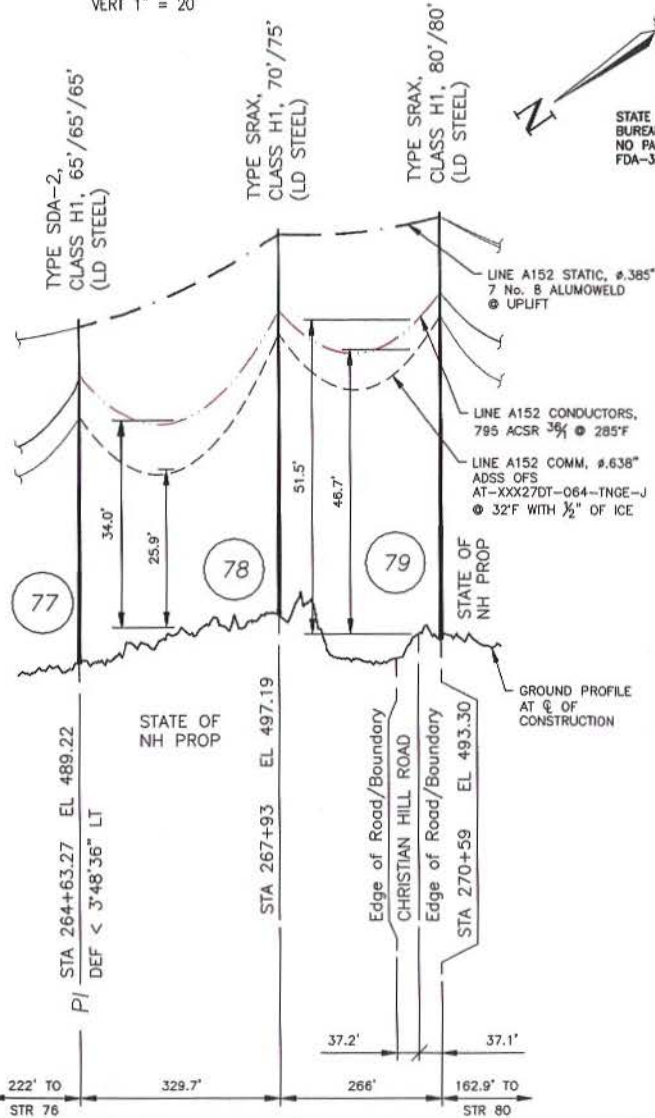
A152, 115kV LINE
STATE LAND CROSSING
SWANZEY, NEW HAMPSHIRE
EXHIBIT 2

DRAWN	DATE
BNP/TRC	04/17/2020
ENGINEER	
GEL/TRC	
CHECKED	
SEK/TRC	
APPROVED	
BRS/TRC	
DATE	
	04/17/2020

SCALE	FILE: A15243501.DWG	DRAWING NO.
AS SHOWN	NAME:	A15243501

PROFILE VIEW

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



PLAN VIEW

SCALE: 1" = 200'
PARCEL LINWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

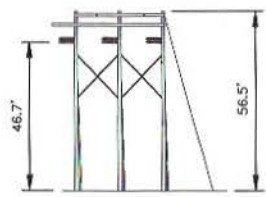
LEGEND:

- STRUCTURE (WITH GUYS)
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- A152 LINE
- 115KV LINE, @ OF CONSTRUCTION

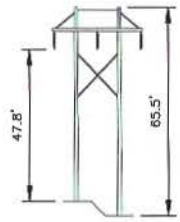
STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
77	-72.32154369	42.87129024
78	-72.32223350	42.87054205
79	-72.32279092	42.86993744

NESC VERTICAL CLEARANCE (FT)	
FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kV
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC	20.1
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1

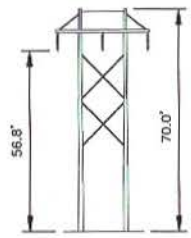
NOTES:
1. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.



STRUCTURE 77
TYPE SDA-2
STR 77: IS A SINGLE CIRCUIT DEADEND STEEL STRUCTURE, HORIZ. CONFIG., GUYED.



STRUCTURE 78
TYPE SRAX
STR 78: IS A SINGLE CIRCUIT TANGENT STEEL STRUCTURE, HORIZ. CONFIG.



STRUCTURE 79
TYPE SRAX
STR 79: IS A SINGLE CIRCUIT TANGENT STEEL STRUCTURE, HORIZ. CONFIG.

STRUCTURE DETAILS

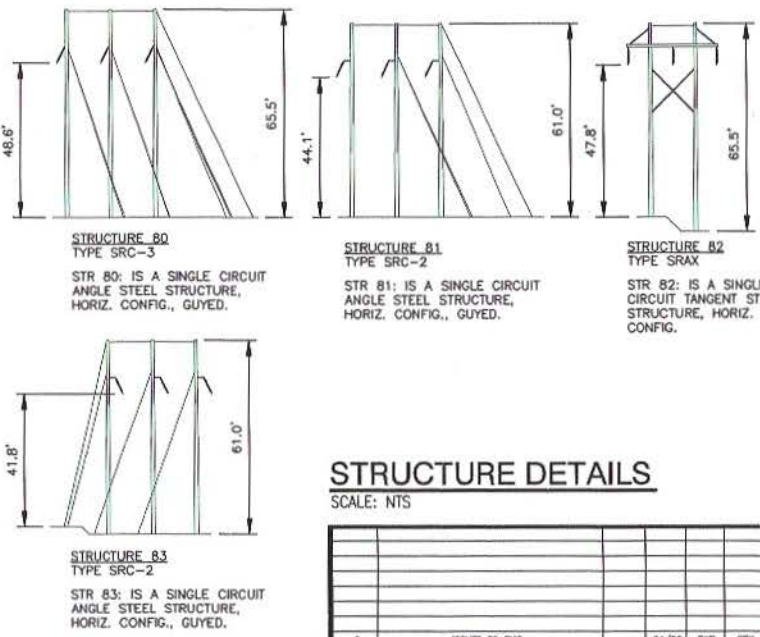
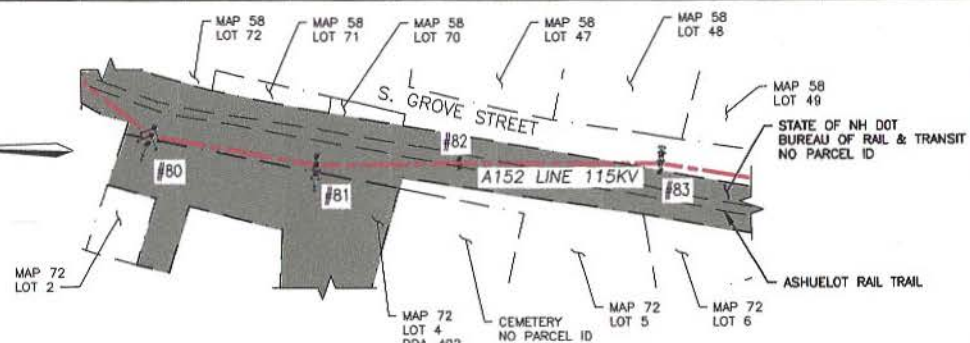
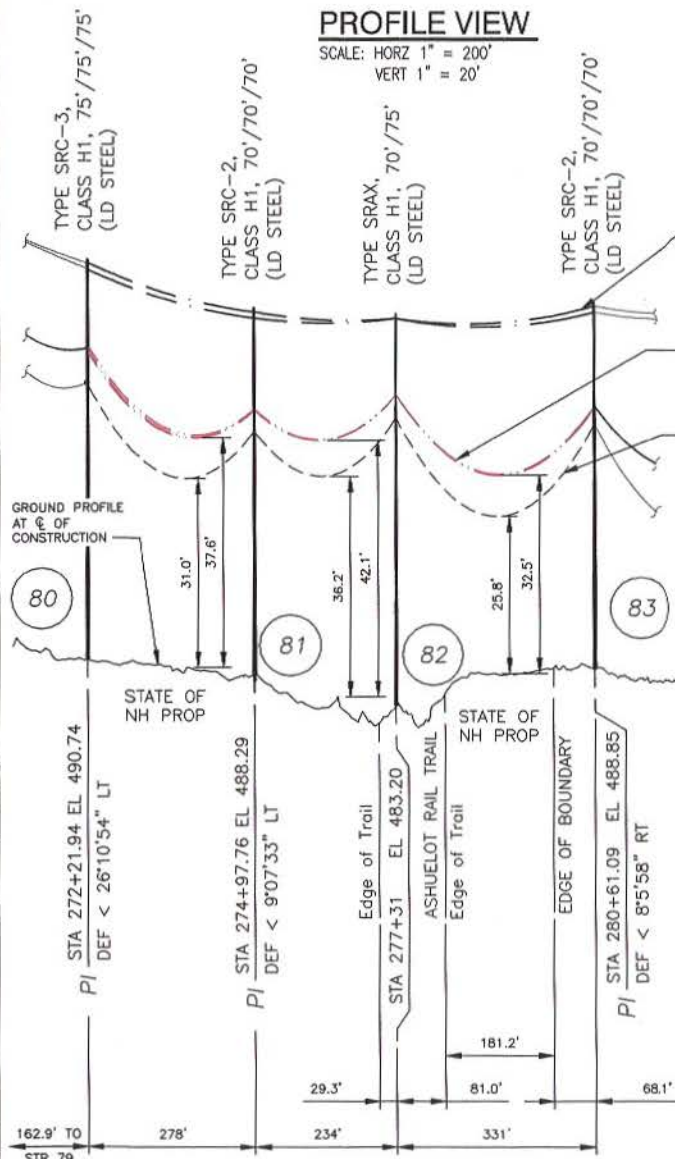
SCALE: NTS

DWG REV	ISSUED TO PUC	DATE	BY	CHKD	APPR
1	EPW/DESCRIPTION	04/20	EPW	SEK	BRS

EVERSOURCE ENERGY

A152, 115kV LINE
STATE LAND CROSSING
SWANZEY, NEW HAMPSHIRE
EXHIBIT 3

SCALE AS SHOWN	FILE: A15243502.DWG
DRAWING NO. A15243502	



LEGEND:

#83 STRUCTURE (WITH GUYS)

STATE OF NEW HAMPSHIRE PROPERTY

PROPERTY BOUNDARY

A152 LINE 115KV LINE, @ OF CONSTRUCTION

STRUCTURE LOCATION

STRUCTURE	LONGITUDE	LATITUDE
80	-72.32315293	42.86957334
81	-72.32329686	42.86881894
82	-72.32325684	42.86817849
83	-72.32321316	42.86727198

NESC VERTICAL CLEARANCE (FT)
FROM TABLE 232.1

NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115kv
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC	20.1
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1

NOTES:
1. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

STRUCTURE DETAILS
SCALE: NTS

NO.	ISSUED TO	DATE	BY	CHKD	APPD	
1	ISSUED TO PUC	04/20	BNP	SEK	BRS	
DWG REV	EPH/DESCRIPTION	CONT/PCR	DATE	DRN	CHRD	APPR

EVERSOURCE ENERGY

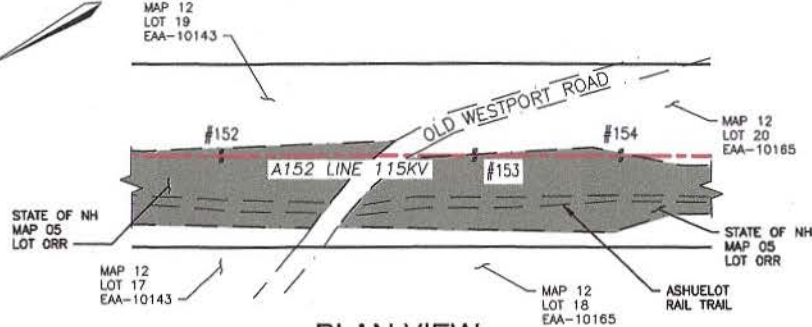
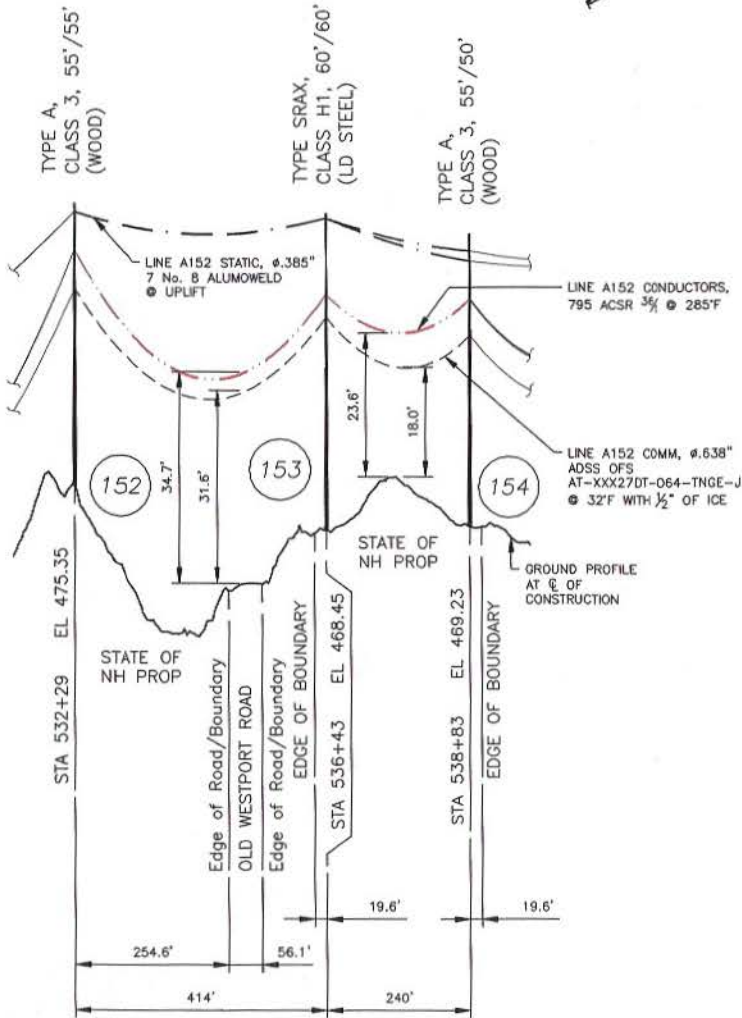
A152, 115kV LINE
STATE LAND CROSSING
SWANZEY, NEW HAMPSHIRE
EXHIBIT 4

T	1
DRAWN	BNP/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	04/28/2020

SCALE AS SHOWN FILE: A15243503.DWG DRAWING NO. A15243503

PROFILE VIEW

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



PLAN VIEW

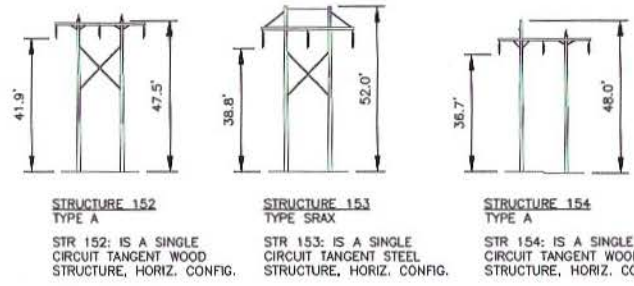
SCALE: 1" = 200'
PARCEL LINEWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

LEGEND:

- # STRUCTURE
- #152
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- A152 LINE 115KV
- LINE, ϕ OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION		
STRUCTURE	LONGITUDE	LATITUDE
152	-72.37014128	42.81469849
153	-72.37086998	42.81369530
154	-72.37129704	42.81311906

NESC VERTICAL CLEARANCE (FT)	
FROM TABLE 232.1	
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115KV
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC	20.1
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1



NOTES:

1. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.

STRUCTURE DETAILS

SCALE: NTS

NO	ISSUED TO	DATE	BY	CHKD	APPD
1	ISSUED TO PJG	04/20	BNP	SEX	BBS
DWG REV	EP4/DESCRIPTION	DATE	DRN	CHRD	APPR



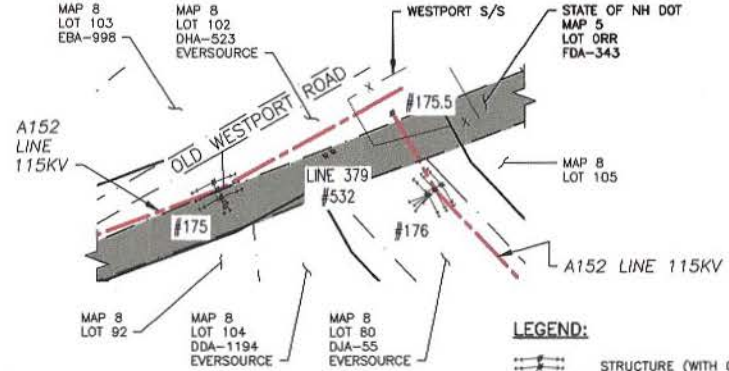
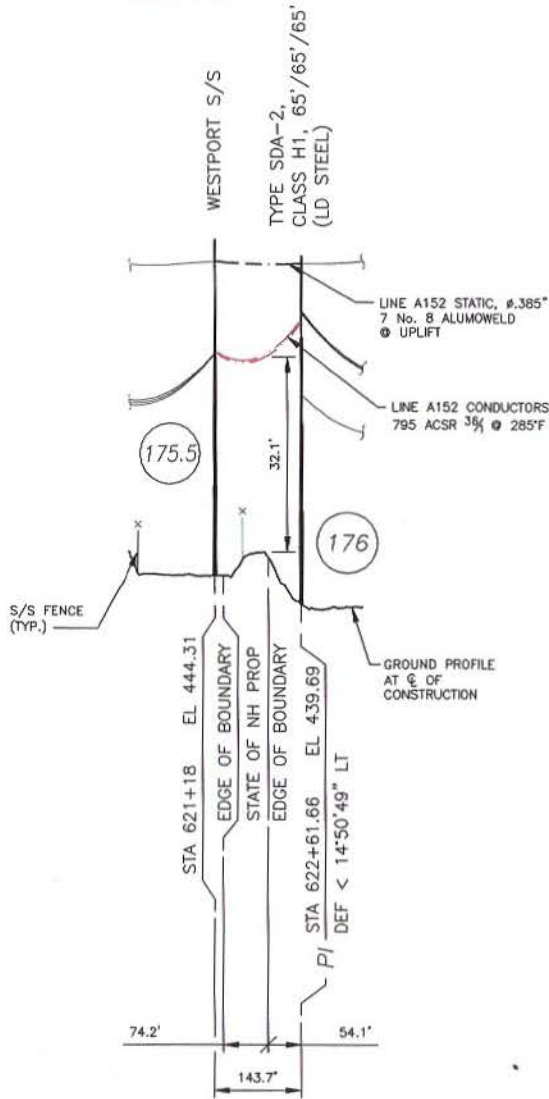
A152, 115KV LINE
STATE LAND CROSSING
WINCHESTER, NEW HAMPSHIRE
EXHIBIT 5

DESIGN	ENGINEER	CHECKED	APPROVED	DATE
BNP/TRC	GEL/TRC	SEK/TRC	BRS/TRC	04/17/2020

SCALE AS SHOWN
FILE: A15243504.DWG
DRAWING NO. A15243504

PROFILE VIEW

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



PLAN VIEW

SCALE: 1" = 200'
PARCEL LINEWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

LEGEND:

- STRUCTURE (WITH GUYS)
- #176
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- A152 LINE 115KV
- LINE, @ OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION (CONDUCTOR ROUTE)

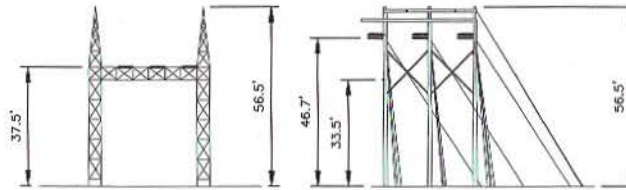
STRUCTURE	LONGITUDE	LATITUDE
175.5	-72.38464289	42.79312851
S/S FENCE	-72.38471780	42.79314540
176	-72.38516122	42.79322251

NESSC VERTICAL CLEARANCE (FT) FROM TABLE 232.1

NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	115KV
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC	20.1
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	16.1

NOTES:

- ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.



STRUCTURE 175.5
TYPE N/A

STR 175.5: IS A SINGLE CIRCUIT DEADEND LATTICE STEEL STRUCTURE, HORIZ. CONFIG.

STRUCTURE 176
TYPE SDA-2

STR 176: IS A SINGLE CIRCUIT DEADEND STEEL STRUCTURE, HORIZ. CONFIG., GUYED.

STRUCTURE DETAILS

SCALE: NTS

NO.	ISSUED TO	DATE	BY	CHKD	APPR
1	ISSUED TO PUC	04/20	BHP	SEK	BRS
1	REV				

EVERSOURCE ENERGY

A152, 115kV LINE
STATE LAND CROSSING
WINCHESTER, NEW HAMPSHIRE
EXHIBIT 6

DATE: 04/22/2020
DRAWING NO: A15243506

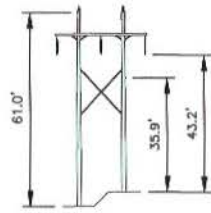
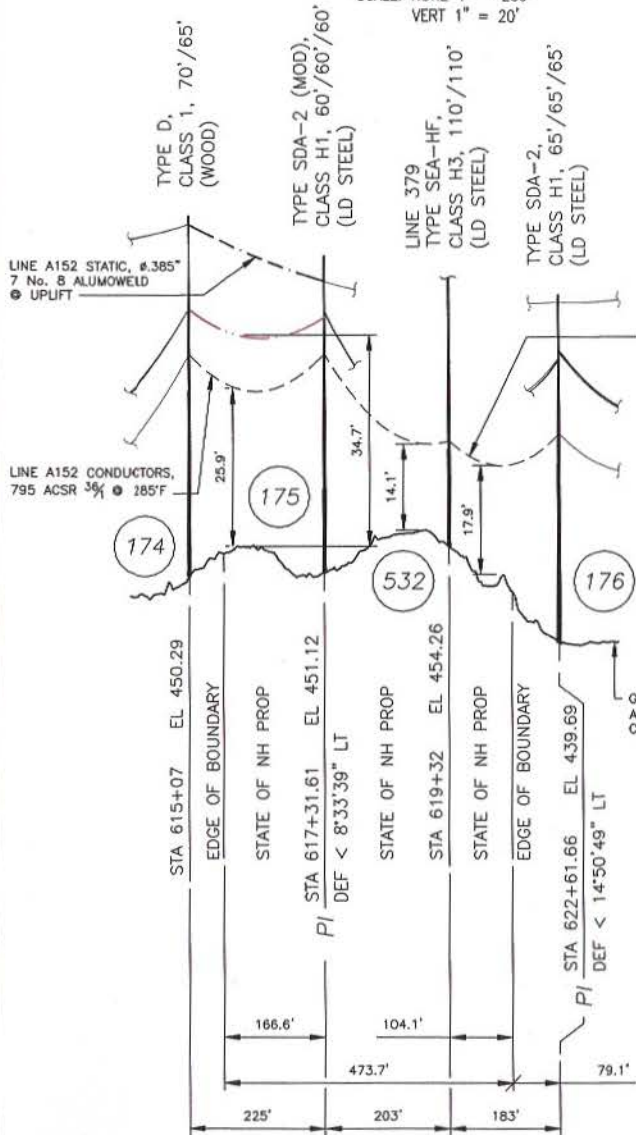
T	1
DRAWN	BNP/TRC
ENGINEER	GEL/TRC
CHECKED	SEK/TRC
APPROVED	BRS/TRC
DATE	04/22/2020

NO.	ISSUED TO	DATE	BY	CHKD	APPR
1	ISSUED TO PUC	04/20	BHP	SEK	BRS
1	REV				

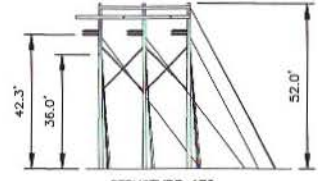
SCALE	FILE	DRAWING NO.
AS SHOWN	A15243506.DWG	A15243506

PROFILE VIEW

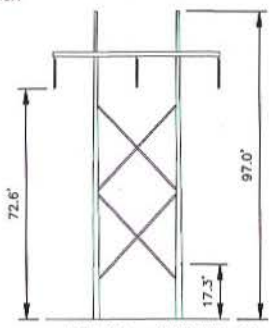
SCALE: HORZ 1" = 200'
VERT 1" = 20'



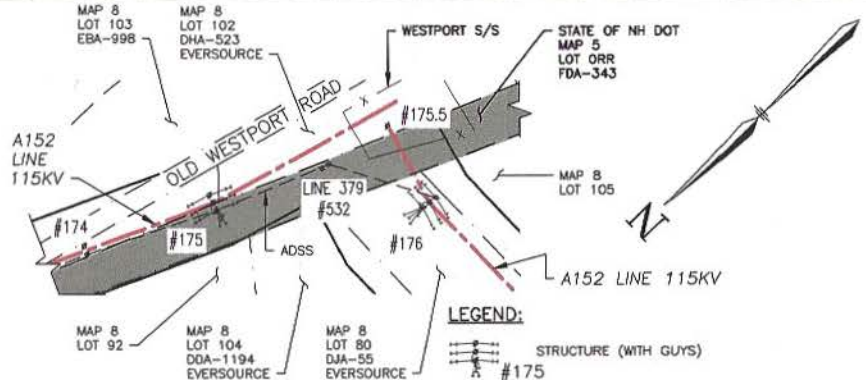
STRUCTURE 174
TYPE D
STR 174: IS A SINGLE CIRCUIT TANGENT WOOD STRUCTURE, HORIZ. CONFIG.



STRUCTURE 175
TYPE SDA-2
STR 175: IS A SINGLE CIRCUIT DEADEND STEEL STRUCTURE, HORIZ. CONFIG., GUYED.



LINE 379 - STRUCTURE 532
TYPE SEA-HF
STR 532: IS A SINGLE CIRCUIT TANGENT STEEL STRUCTURE, HORIZ. CONFIG.



PLAN VIEW

SCALE: 1" = 200'
PARCEL LINEWORK FROM NH GRANIT UNLESS NOTED OTHERWISE.

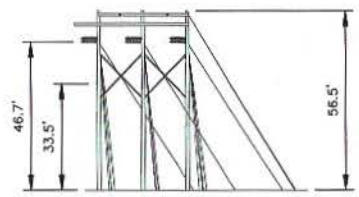
LEGEND:

- STRUCTURE (WITH GUYS) #175
- STATE OF NEW HAMPSHIRE PROPERTY
- PROPERTY BOUNDARY
- A152 LINE 115KV**
- LINE, C OF CONSTRUCTION
- LIMITS OF EVERSOURCE RIGHT OF WAY

STRUCTURE LOCATION (ADSS ROUTE)		
STRUCTURE	LONGITUDE	LATITUDE
174	-72.38393715	42.79451084
175	-72.38425943	42.79394061
532	-72.38455946	42.79346210
176	-72.38516122	42.79322251

NESC VERTICAL CLEARANCE (FT)			
FROM TABLE 232.1			
NATURE OF SURFACE UNDERNEATH WIRES, CONDUCTORS OR CABLES	ADSS	115KV	
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC	15.5	20.1	
SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY	9.5	16.1	

NOTES:
1. ELEVATIONS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.



STRUCTURE 176
TYPE SDA-2
STR 176: IS A SINGLE CIRCUIT DEADEND STEEL STRUCTURE, HORIZ. CONFIG., GUYED.

STRUCTURE DETAILS

SCALE: NTS

NO	REV	ISSUED TO	PLG	DATE	BY	CHK	APP
1		ISSUED TO PLG		04/20	BNP	SEK	BRS
		EPN/DESCRIPTION			DRN	CHND	APPR

EVERSOURCE ENERGY

**A152, 115kV LINE
STATE LAND CROSSING (ADSS)
WINCHESTER, NEW HAMPSHIRE
EXHIBIT 7**

SCALE AS SHOWN	FILE: A15243505.DWG	DRAWING NO. A15243505
DATE: 04/22/2020		