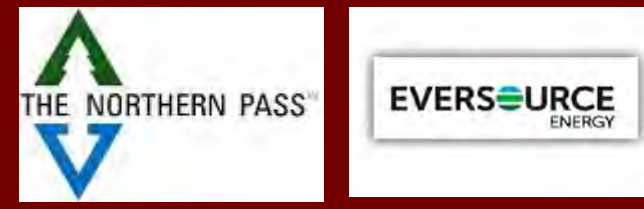


NORTHERN PASS PROJECT Public Water Crossings - DE 15-460

Legend

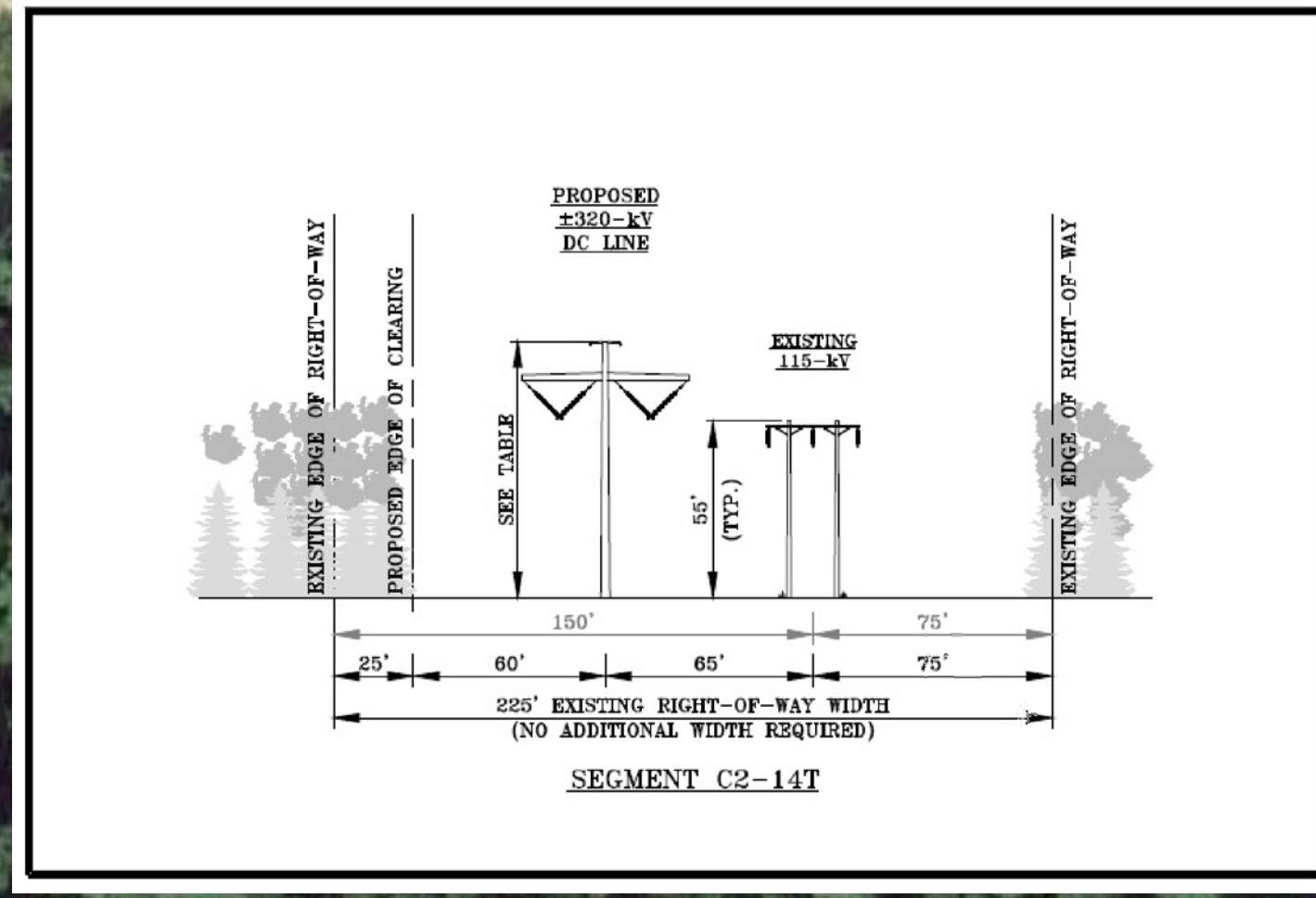
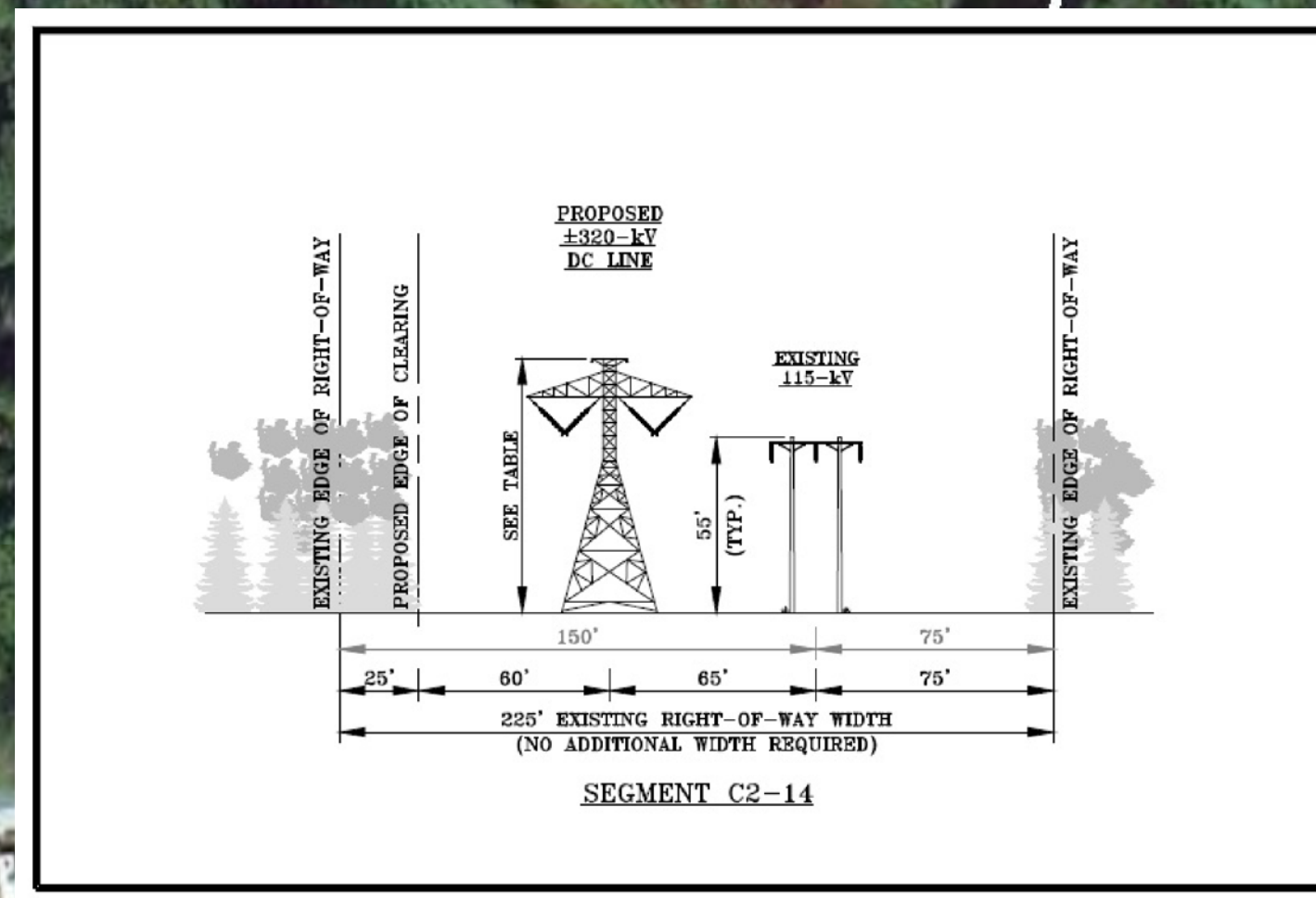
- Pole/Structure Location
- Northern Pass**
 - 320 kV Line
 - Transition Station
- Eversource Lines**
 - 115 kV
 - 34.5 kV
 - Right-of-way
 - Town Boundary
 - Parcel Boundary
 - State Land

- Interstate
- US Route
- State Route
- Public Road
- Driveway
- Ramp/Crossover
- Railroad
- Abandoned Railroad



Prepared By:
N.H. Public Utilities Commission
Safety Division : GIS Section

Northern Pass Transmission DC Lines		
Structure Number	Structure Height (in feet)	Cross Section
DC-1099	75	C2-14
DC-1100	110	C2-14T
DC-1101	95	C2-14T
Eversource 115 kV Line		
E115-228	Unknown	Unknown
E115-229	Unknown	Unknown
E115-230	Unknown	Unknown
E115-231	Unknown	Unknown



REV	Date	Description	By
3	11/4/2016	Changed NHPUC Map #12 to 13	J List
2	9/7/2016	Added Parcels	J List
1	8/3/2016	Basic update; changed LL to Map #; updated notes ; Added ROW ; Added ref Structures	J List

April 04, 2016

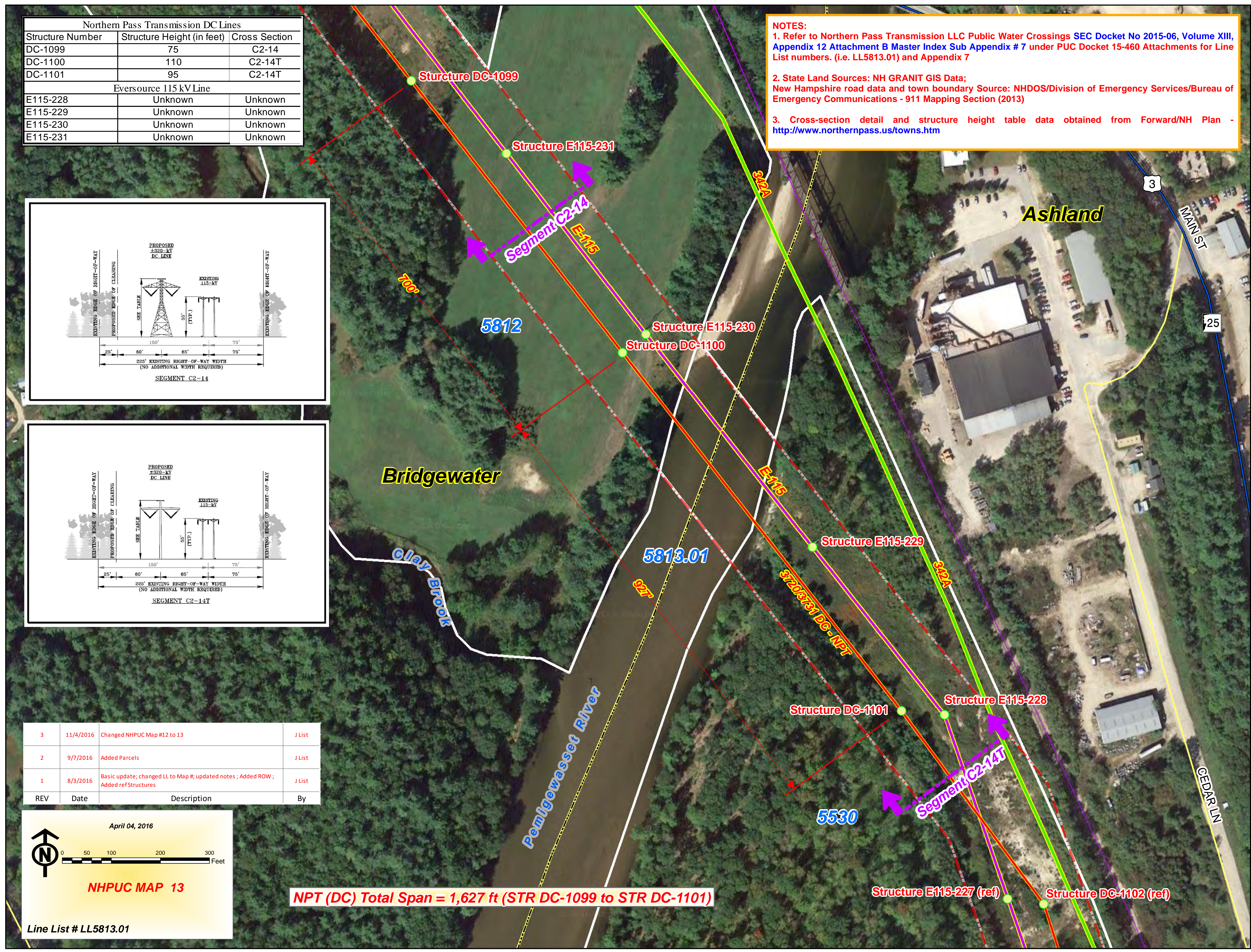
NHPUC MAP 13

Line List # LL5813.01

NPT (DC) Total Span = 1,627 ft (STR DC-1099 to STR DC-1101)

NOTES:

- Refer to Northern Pass Transmission LLC Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 12 Attachment B Master Index Sub Appendix # 7 under PUC Docket 15-460 Attachments for Line List numbers. (i.e. LL5813.01) and Appendix 7
- State Land Sources: NH GRANIT GIS Data; New Hampshire road data and town boundary Source: NHDOS/Division of Emergency Services/Bureau of Emergency Communications - 911 Mapping Section (2013)
- Cross-section detail and structure height table data obtained from Forward/NH Plan - <http://www.northernpass.us/towns.htm>



NORTHERN PASS PROJECT Public Water Crossings - DE 15-460

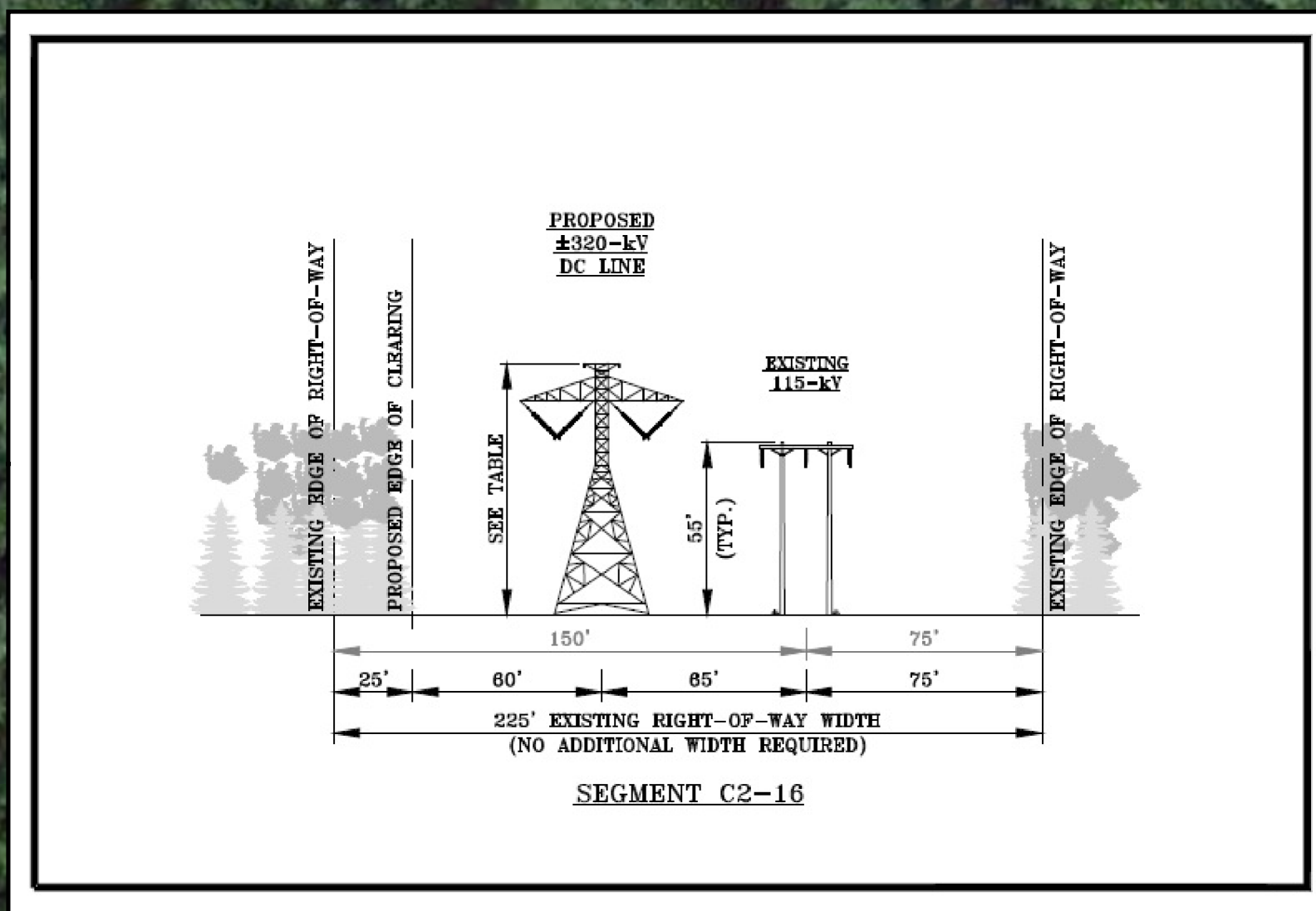
Legend

- Pole/Structure Location
- Northern Pass**
- 320 kV Line
- Transition Station
- Eversource Lines**
- 115 kV
- Right-of-way
- Town Boundary
- Parcel Boundary
- State Land

- Interstate
- US Route
- State Route
- Public Road
- Driveway
- Ramp/Crossover
- Railroad
- Abandoned Railroad



Prepared By:
N.H. Public Utilities Commission
Safety Division : GIS Section



Northern Pass Transmission DC Lines		
Structure Number	Structure Height (in feet)	Cross Section
DC-1113	80	C2-16
DC-1114	80	C2-16
Eversource 115 kV Line		
E115-210	Unknown	Unknown
E115-211	Unknown	Unknown
E115-212	Unknown	Unknown

NOTES:

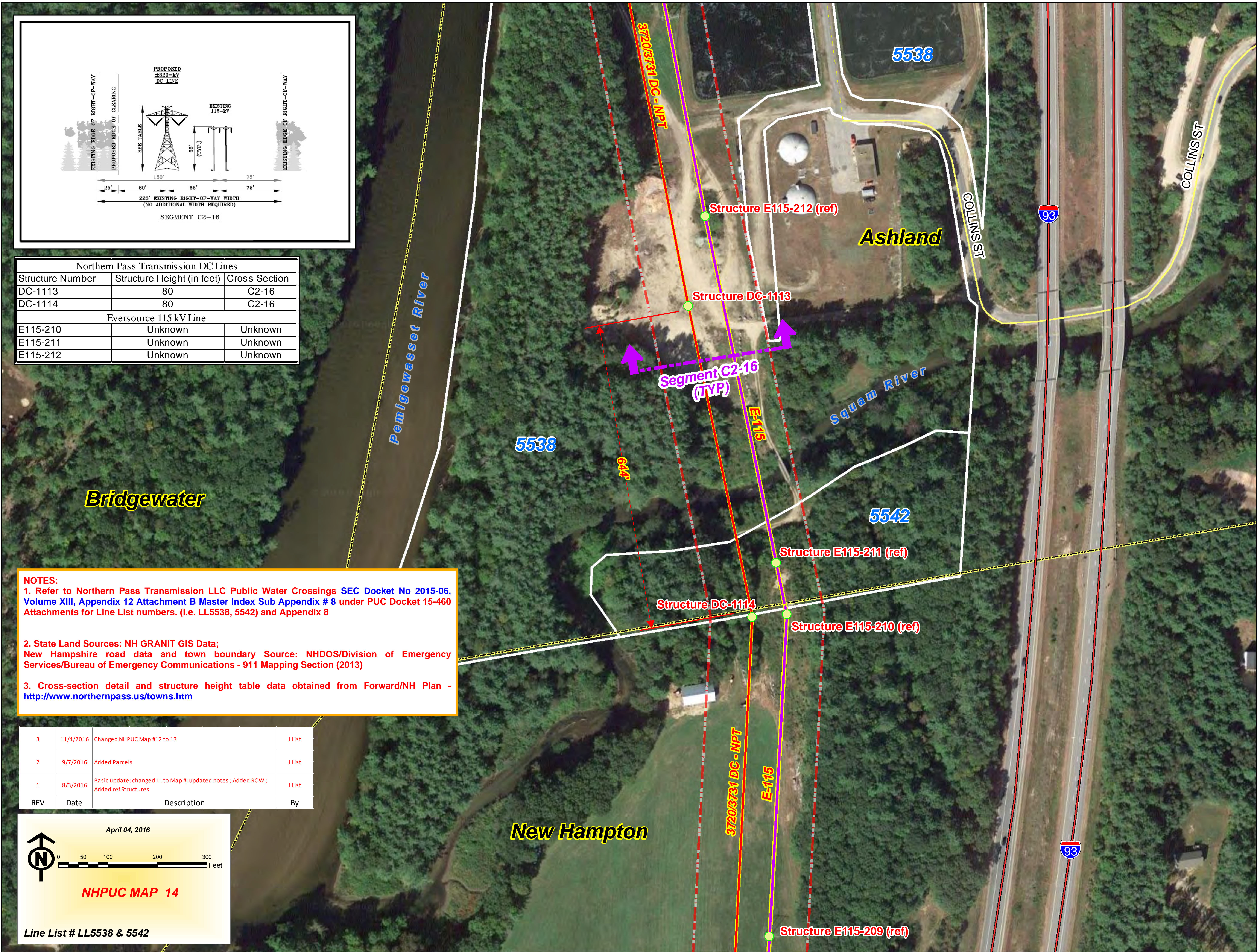
- Refer to Northern Pass Transmission LLC Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 12 Attachment B Master Index Sub Appendix # 8 under PUC Docket 15-460 Attachments for Line List numbers. (i.e. LL5538, 5542) and Appendix 8
- State Land Sources: NH GRANIT GIS Data;
New Hampshire road data and town boundary Source: NHDOS/Division of Emergency Services/Bureau of Emergency Communications - 911 Mapping Section (2013)
- Cross-section detail and structure height table data obtained from Forward/NH Plan - <http://www.northernpass.us/towns.htm>

REV	Date	Description	By
3	11/4/2016	Changed NHPUC Map #12 to 13	J List
2	9/7/2016	Added Parcels	J List
1	8/3/2016	Basic update; changed LL to Map #; updated notes ; Added ROW ; Added ref Structures	J List

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NHPUC MAP 14

Line List # LL5538 & 5542

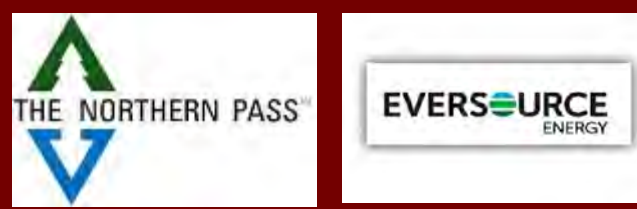


NORTHERN PASS PROJECT Public Water and State Land Crossings DE 15-460, DE 15-461, DE 15-462, & DE 15-463

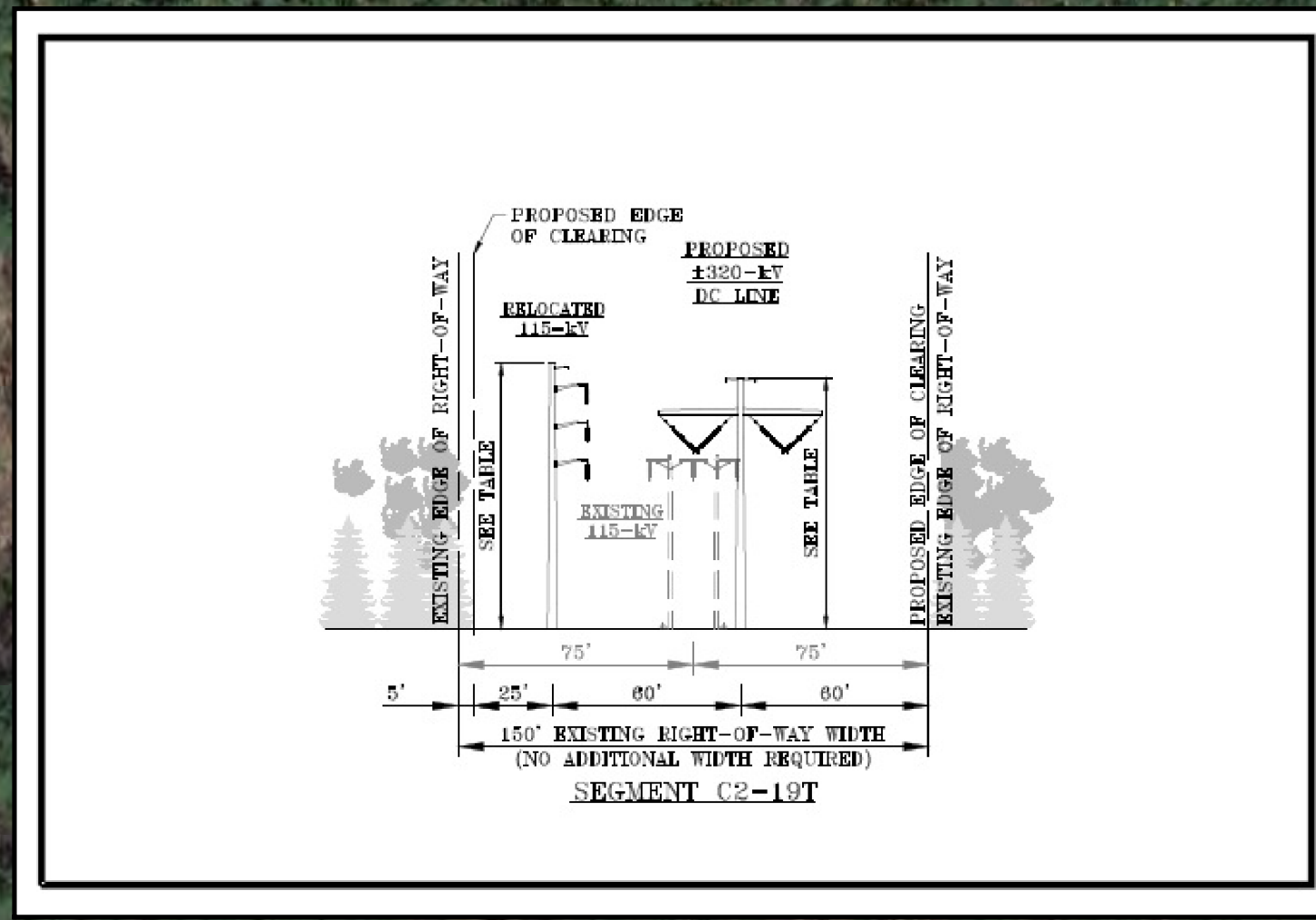
Legend

- Pole/Structure Location
- Northern Pass**
 - 320 kV Line
 - Transition Station
- Eversource Lines**
 - 115 kV
 - Right-of-way
 - Town Boundary
 - Parcel Boundary
 - Eversource Owned Parcel
 - State Land

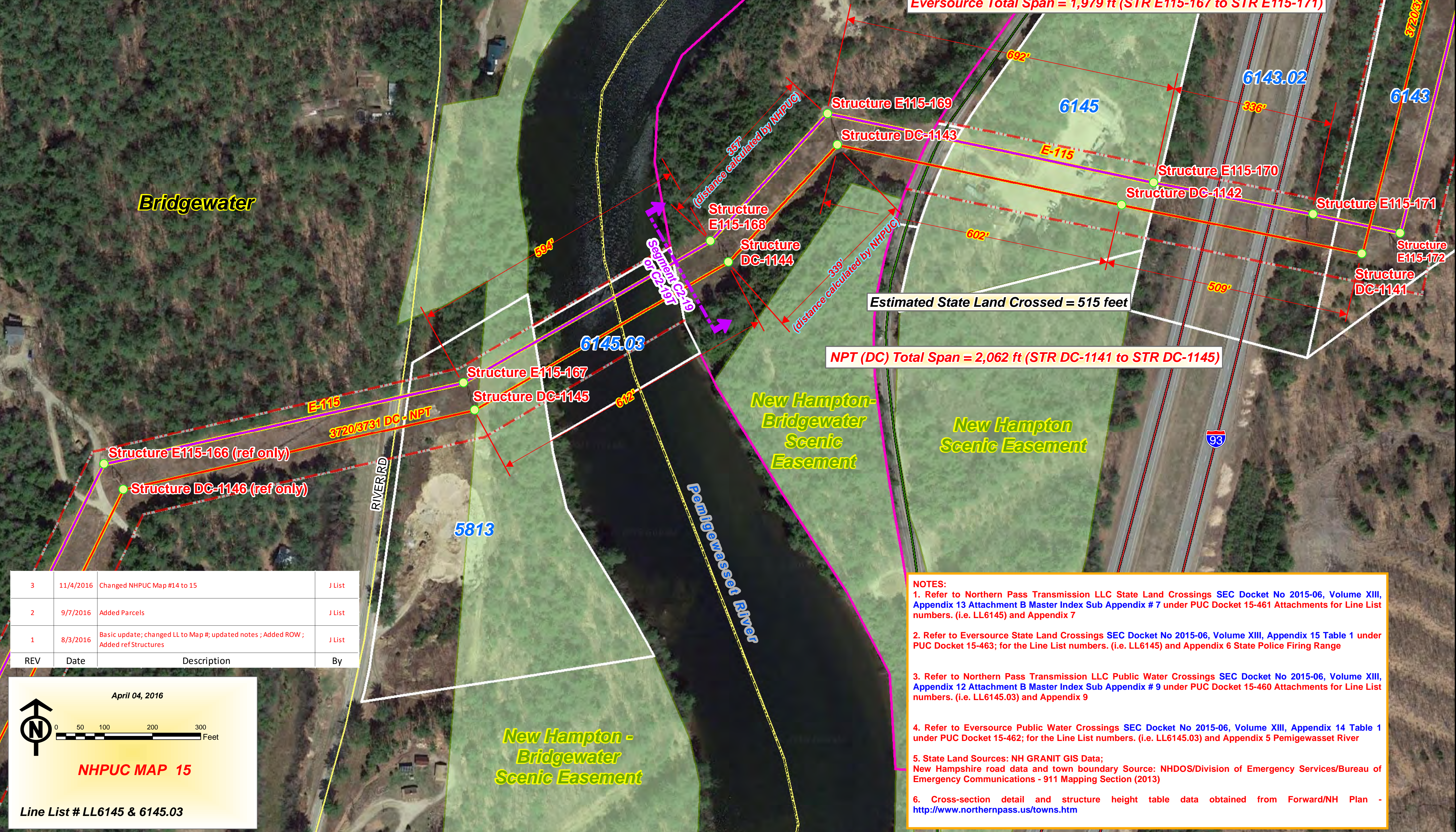
- Interstate
- US Route
- State Route
- Public Road
- Driveway
- Ramp/Crossover
- Railroad
- Abandoned Railroad



Prepared By:
N.H. Public Utilities Commission
Safety Division : GIS Section



Northern Pass Transmission DC Lines		
Structure Number	Structure Height (in feet)	Cross Section
DC-1141	125	C2-19T
DC-1142	110	C2-19T
DC-1143	105	C2-19T
DC-1144	110	C2-19T
DC-1145	65	C2-19T
Eversource 115 kV Line		
E115-167	75	C2-19T
E115-168	125	C2-19T
E115-169	100	C2-19T
E115-170	115	C2-19T
E115-171	50	C2-19T



REV	Date	Description	By
3	11/4/2016	Changed NHPUC Map #14 to 15	J List
2	9/7/2016	Added Parcels	J List
1	8/3/2016	Basic update; changed LL to Map #; updated notes ; Added ROW ; Added ref Structures	J List

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NHPUC MAP 15

Line List # LL6145 & 6145.03

NOTES:

- Refer to Northern Pass Transmission LLC State Land Crossings SEC Docket No 2015-06, Volume XIII, Appendix 13 Attachment B Master Index Sub Appendix # 7 under PUC Docket 15-461 Attachments for Line List numbers. (i.e. LL6145) and Appendix 7
- Refer to Eversource State Land Crossings SEC Docket No 2015-06, Volume XIII, Appendix 15 Table 1 under PUC Docket 15-463; for the Line List numbers. (i.e. LL6145) and Appendix 6 State Police Firing Range
- Refer to Northern Pass Transmission LLC Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 12 Attachment B Master Index Sub Appendix # 9 under PUC Docket 15-460 Attachments for Line List numbers. (i.e. LL6145.03) and Appendix 9
- Refer to Eversource Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 14 Table 1 under PUC Docket 15-462; for the Line List numbers. (i.e. LL6145.03) and Appendix 5 Pemigewasset River
- State Land Sources: NH GRANIT GIS Data; New Hampshire road data and town boundary Source: NHDOS/Division of Emergency Services/Bureau of Emergency Communications - 911 Mapping Section (2013)
- Cross-section detail and structure height table data obtained from Forward/NH Plan - <http://www.northernpass.us/towns.htm>

NORTHERN PASS PROJECT Public Water Crossings DE 15-460 & DE 15-462

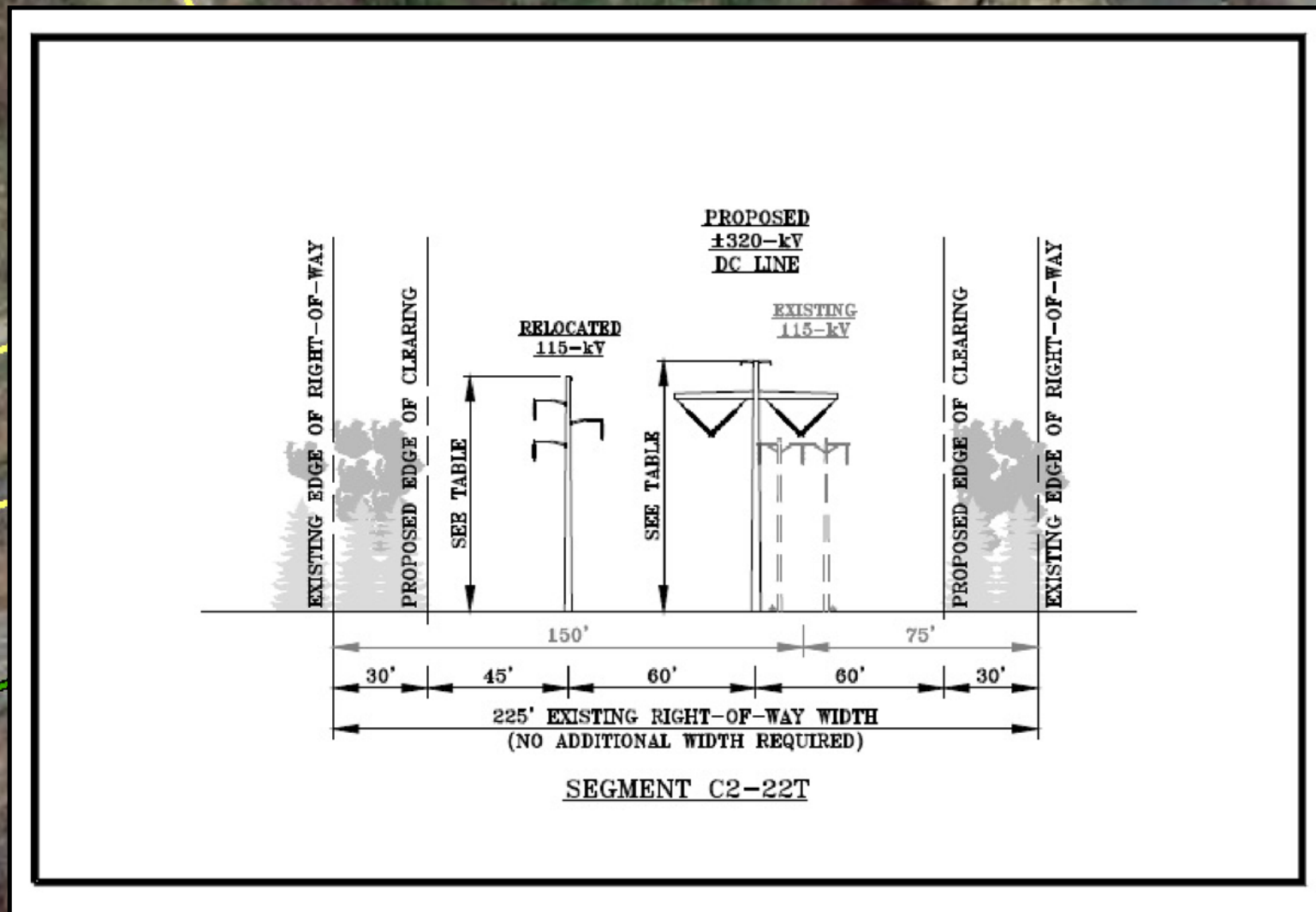
Legend

- Pole/Structure Location
- Northern Pass**
- 320 kV Line
- Transition Station
- Eversource Lines**
- 115 kV
- Right-of-way
- Town Boundary
- Parcel Boundary
- Eversource Owned Parcel
- State Land

- Interstate
- US Route
- State Route
- Public Road
- Driveway
- Ramp/Crossover
- Railroad
- Abandoned Railroad



Prepared By:
N.H. Public Utilities Commission
Safety Division : GIS Section



Northern Pass Transmission DC Lines		
Structure Number	Structure Height (in feet)	Cross Section
DC-1174	100	C2-22T
DC-1175	125	C2-22T
Eversource 115 kV Line		
E115-122	120	C2-22T
E115-123	120	C2-22T

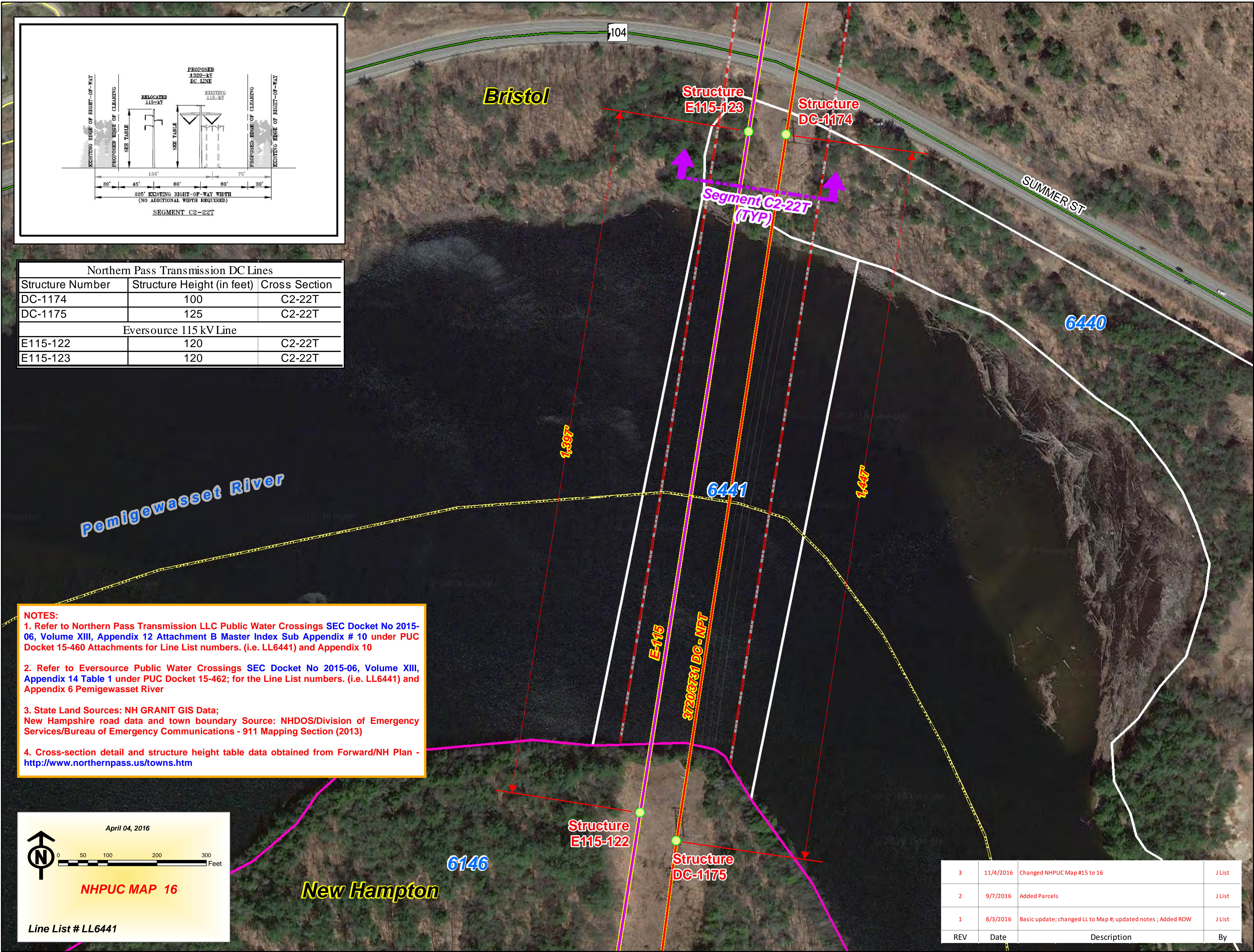
NOTES:

- Refer to Northern Pass Transmission LLC Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 12 Attachment B Master Index Sub Appendix # 10 under PUC Docket 15-460 Attachments for Line List numbers. (i.e. LL6441) and Appendix 10
- Refer to Eversource Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 14 Table 1 under PUC Docket 15-462; for the Line List numbers. (i.e. LL6441) and Appendix 6 Pemigewasset River
- State Land Sources: NH GRANIT GIS Data; New Hampshire road data and town boundary Source: NHDOS/Division of Emergency Services/Bureau of Emergency Communications - 911 Mapping Section (2013)
- Cross-section detail and structure height table data obtained from Forward/NH Plan - <http://www.northernpass.us/towns.htm>

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NHPUC MAP 16

Line List # LL6441



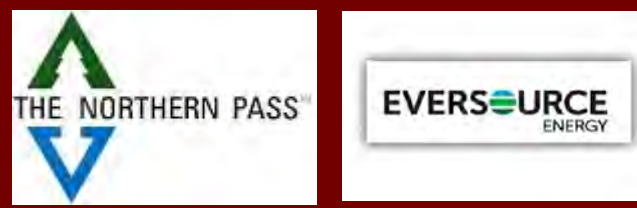
REV	Date	Description	By
3	11/4/2016	Changed NHPUC Map #15 to 16	J List
2	9/7/2016	Added Parcels	J List
1	8/3/2016	Basic update; changed LL to Map #; updated notes ; Added ROW	J List

NORTHERN PASS PROJECT Public Water Crossings DE 15-460 & DE 15-462

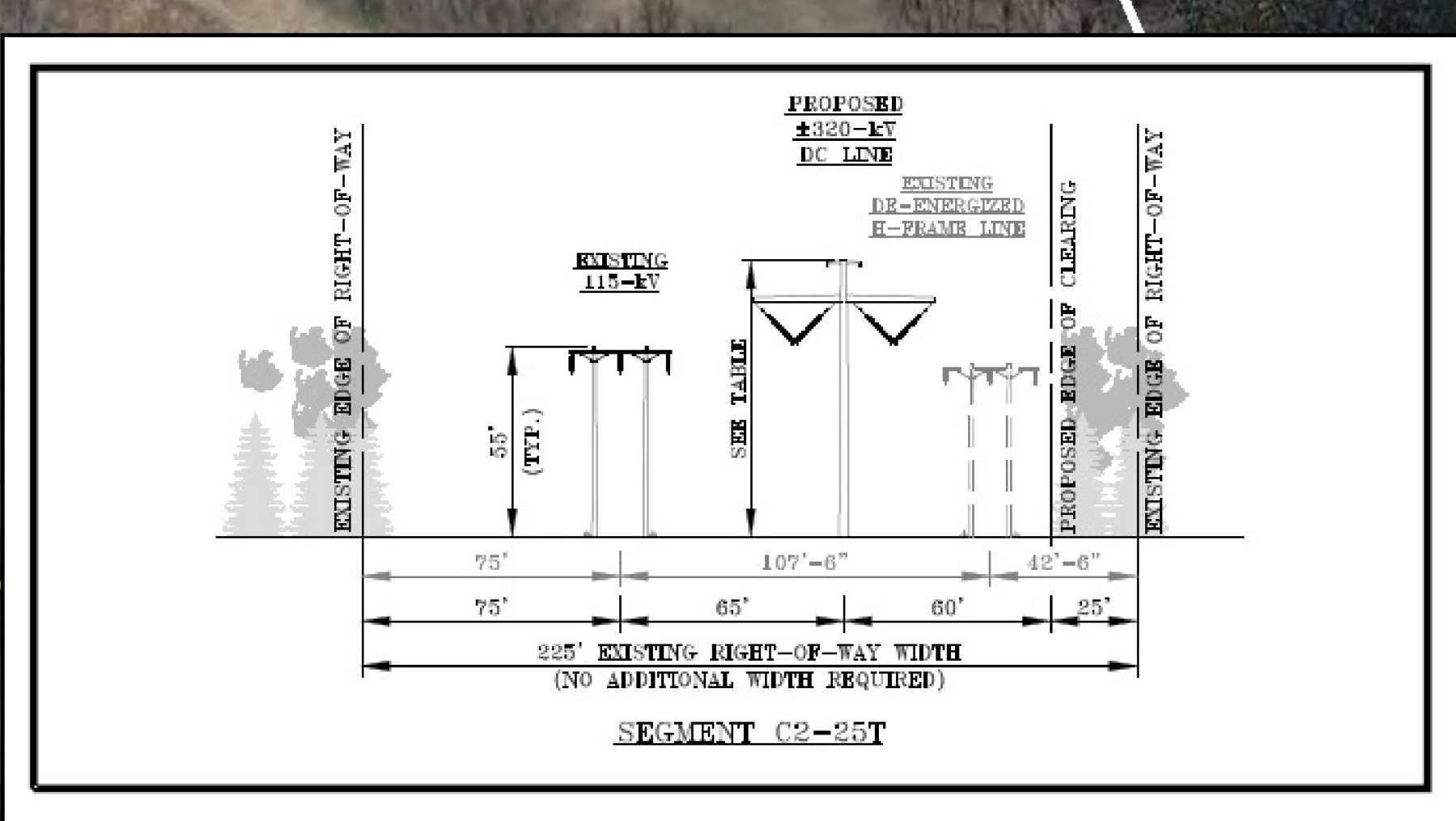
Legend

- Pole/Structure Location
- Northern Pass**
 - 320 kV Line
 - Transition Station
- Eversource Lines**
 - 115 kV
 - Right-of-way
 - Town Boundary
 - Parcel Boundary
 - State Land

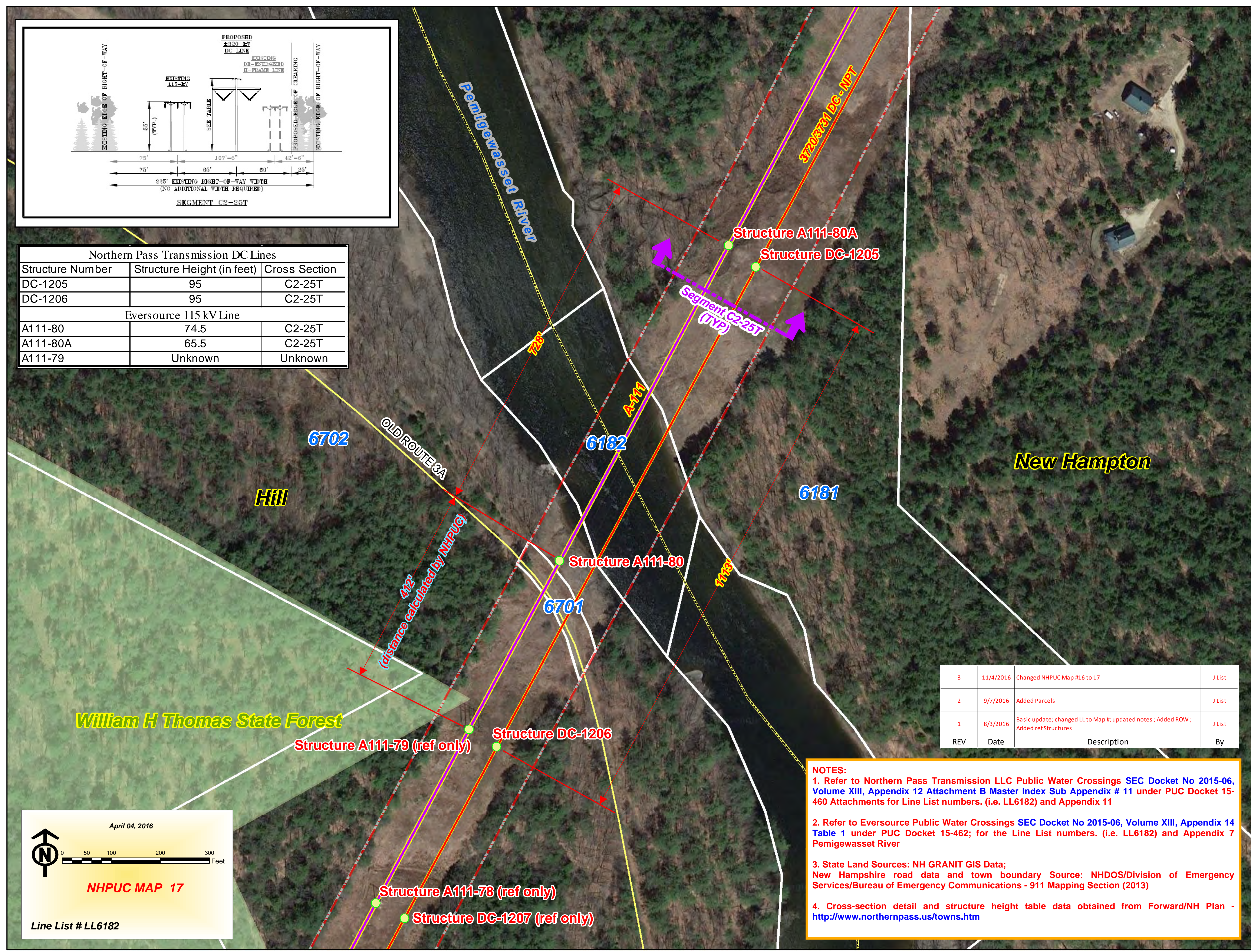
- Interstate
- US Route
- State Route
- Public Road
- Driveway
- Ramp/Crossover
- Railroad
- Abandoned Railroad



Prepared By:
N.H. Public Utilities Commission
Safety Division : GIS Section



Northern Pass Transmission DC Lines		
Structure Number	Structure Height (in feet)	Cross Section
DC-1205	95	C2-25T
DC-1206	95	C2-25T
Eversource 115 kV Line		
A111-80	74.5	C2-25T
A111-80A	65.5	C2-25T
A111-79	Unknown	Unknown



REV	Date	Description	By
3	11/4/2016	Changed NHPUC Map #16 to 17	J List
2	9/7/2016	Added Parcels	J List
1	8/3/2016	Basic update; changed LL to Map #; updated notes; Added ROW; Added ref Structures	J List

NOTES:

- Refer to Northern Pass Transmission LLC Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 12 Attachment B Master Index Sub Appendix # 11 under PUC Docket 15-460 Attachments for Line List numbers. (i.e. LL6182) and Appendix 11
- Refer to Eversource Public Water Crossings SEC Docket No 2015-06, Volume XIII, Appendix 14 Table 1 under PUC Docket 15-462; for the Line List numbers. (i.e. LL6182) and Appendix 7 Pemigewasset River
- State Land Sources: NH GRANIT GIS Data; New Hampshire road data and town boundary Source: NHDOS/Division of Emergency Services/Bureau of Emergency Communications - 911 Mapping Section (2013)
- Cross-section detail and structure height table data obtained from Forward/NH Plan - <http://www.northernpass.us/towns.htm>

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NHPUC MAP 17

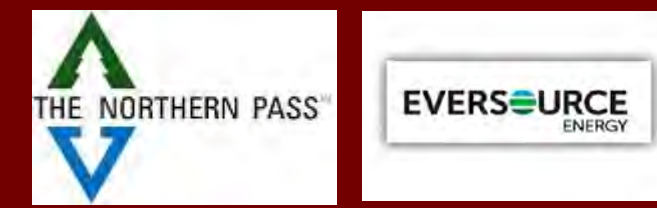
Line List # LL6182

NORTHERN PASS PROJECT State Land Crossings - DE 15-461

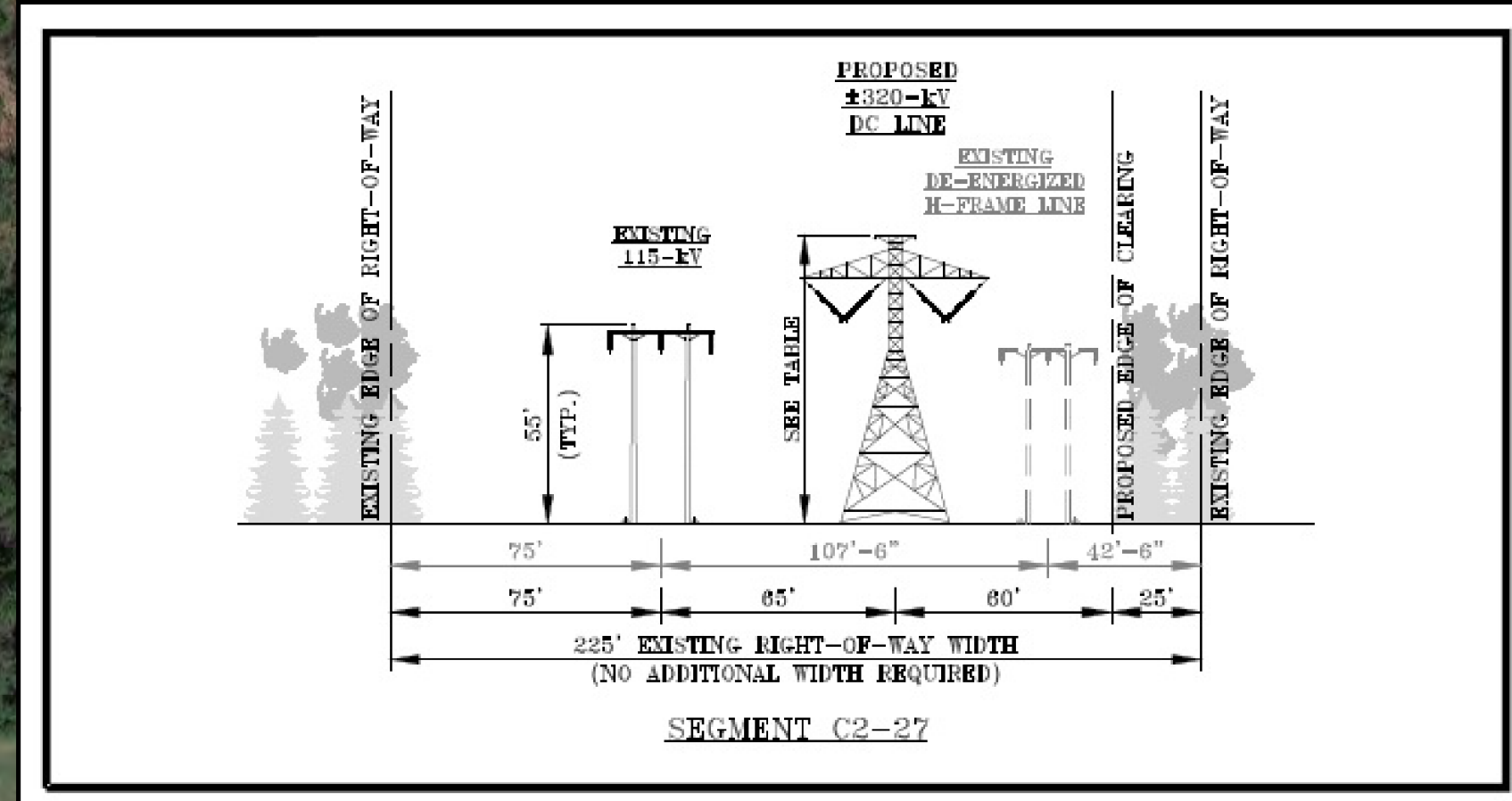
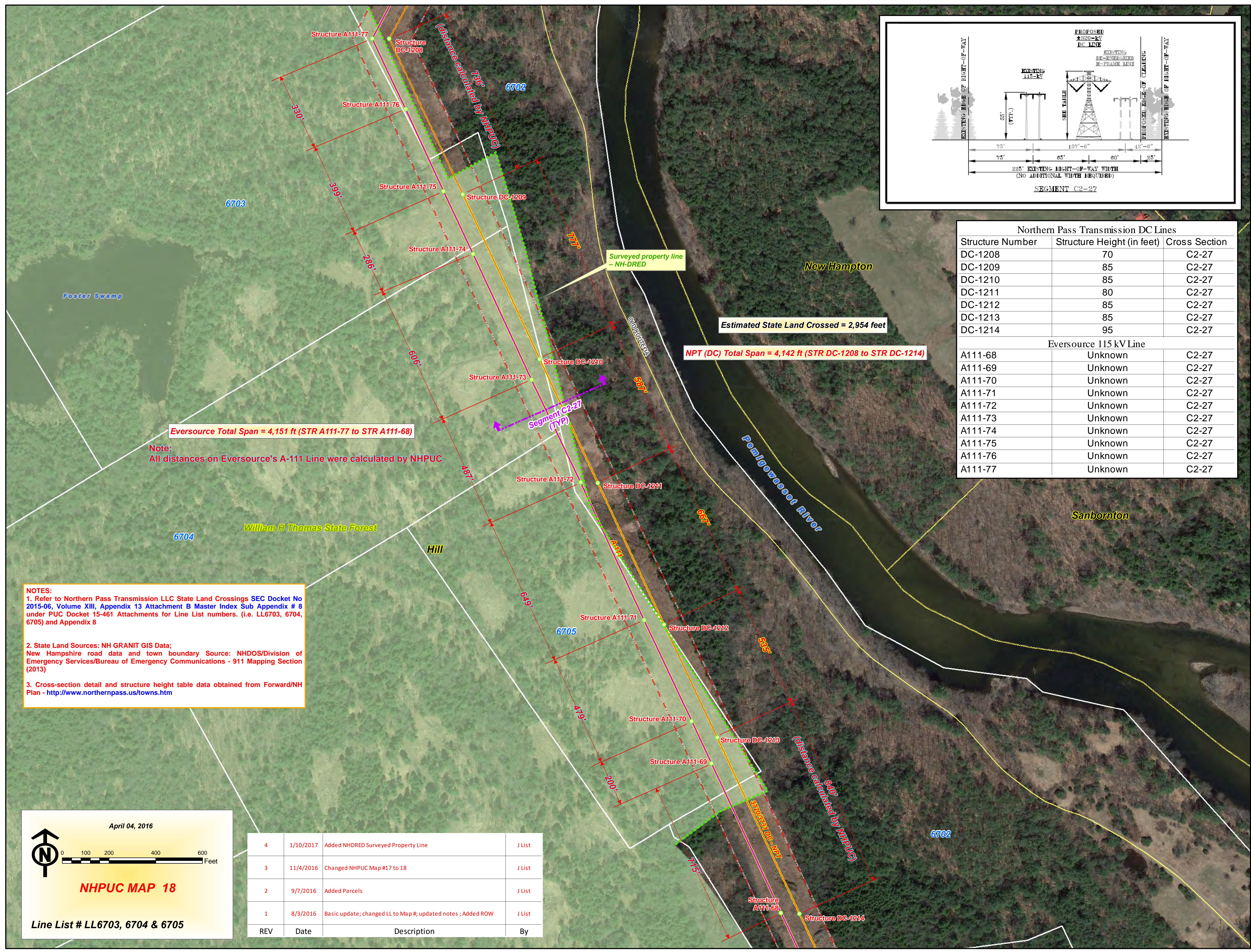
Legend

- Pole/Structure Location
- Northern Pass**
 - 320 kV Line
 - Transition Station
- Eversource Lines**
 - 115 kV
 - Right-of-way
 - Town Boundary
 - Parcel Boundary
 - State Land

- Interstate
- US Route
- State Route
- Public Road
- Driveway
- Ramp/Crossover
- Railroad
- Abandoned Railroad



Prepared By:
N.H. Public Utilities Commission
Safety Division : GIS Section



Northern Pass Transmission DC Lines		
Structure Number	Structure Height (in feet)	Cross Section
DC-1208	70	C2-27
DC-1209	85	C2-27
DC-1210	85	C2-27
DC-1211	80	C2-27
DC-1212	85	C2-27
DC-1213	85	C2-27
DC-1214	95	C2-27

Eversource 115 kV Line		
Structure Number	Structure Height (in feet)	Cross Section
A111-68	Unknown	C2-27
A111-69	Unknown	C2-27
A111-70	Unknown	C2-27
A111-71	Unknown	C2-27
A111-72	Unknown	C2-27
A111-73	Unknown	C2-27
A111-74	Unknown	C2-27
A111-75	Unknown	C2-27
A111-76	Unknown	C2-27
A111-77	Unknown	C2-27

NOTES:
 1. Refer to Northern Pass Transmission LLC State Land Crossings SEC Docket No 2015-06, Volume XIII, Appendix 13 Attachment B Master Index Sub Appendix # 8 under PUC Docket 15-461 Attachments for Line List numbers. (i.e. LL6703, 6704, 6705) and Appendix 8
 2. State Land Sources: NH GRANIT GIS Data; New Hampshire road data and town boundary Source: NHDOS/Division of Emergency Services/Bureau of Emergency Communications - 911 Mapping Section (2013)
 3. Cross-section detail and structure height table data obtained from Forward/NH Plan - <http://www.northernpass.us/towns.htm>

April 04, 2016

NHPUC MAP 18

Line List # LL6703, 6704 & 6705

REV	Date	Description	By
4	1/10/2017	Added NHDRED Surveyed Property Line	J List
3	11/4/2016	Changed NHPUC Map #17 to 18	J List
2	9/7/2016	Added Parcels	J List
1	8/3/2016	Basic update; changed LL to Map #; updated notes ; Added ROW	J List

NORTHERN PASS PROJECT Public Water, Rail, and State Land Crossings DE 15-460, DE 15-461, DE 15-462, & DE 15-463

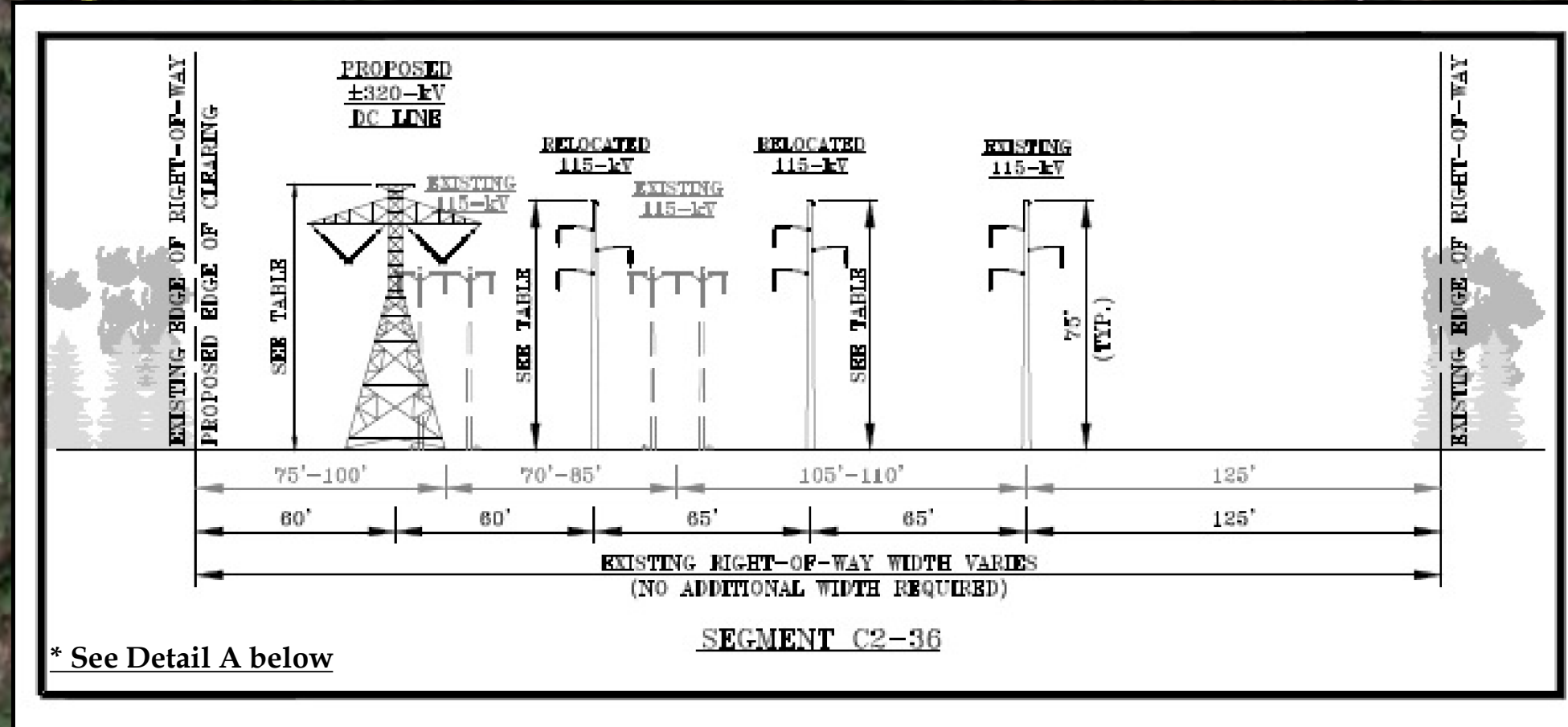
Legend

- Pole/Structure Location
- Northern Pass**
- 320 kV Line
- Transition Station
- Substation
- Eversource Lines**
- 115 kV
- 34.5 kV
- Right-of-way
- Town Boundary
- Eversource Owned Parcel
- Parcel Boundary

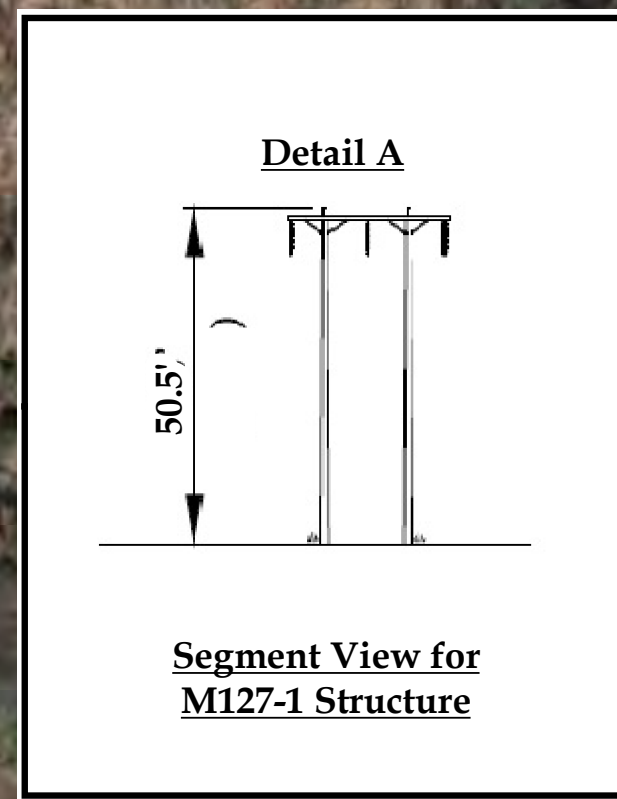
- Interstate
- US Route
- State Route
- Public Road
- Driveway
- Ramp/Crossover
- Railroad
- Abandoned Railroad



Prepared By:
N.H. Public Utilities Commission
Safety Division - GIS Section



Northern Pass Transmission DC Lines		
Structure Number	Structure Height (in feet)	Cross Section
DC-1269	70	Unknown
DC-1270	85	C2-36
DC-1271	85	C2-36
DC-1272	80	C2-36
Eversource 115 kV Line		
F139-341	83.5	C2-36
F139-342	92.5	C2-36
F139-343	70	C2-36
M127-1A	74.5	C2-36
M127-1	50.5	See Detail A
M127-2	65.5	C2-36



- NOTES:**
1. Refer to Northern Pass Transmission LLC State Land Crossings SEC Docket No 2015-06, Volume XIII, Appendix 13 Attachment B Master Index Sub Appendix # 9 under PUC Docket 15-461 Attachments for Line List numbers. (i.e. LL7317.01) and Appendix 9
 2. Refer to Eversource State Land Crossings SEC Docket No 2015-06, Volume XIII, Appendix 15 Table 1 under PUC Docket 15-463; for the Line List numbers. (i.e. LL7317.01) and Appendix 7 Rail Trail
 3. State Land Sources: NH GRANIT GIS Data; New Hampshire road data and town boundary Source: NHDOS/Division of Emergency Services/Bureau of Emergency Communications - 911 Mapping Section (2013)
 4. Cross-section detail and structure height table data obtained from Forward/NH Plan - <http://www.northernpass.us/towns.htm>

REV	Date	Description	By
3	11/4/2016	Changed NHPUC Map #18 to 19	J List
2	9/7/2016	Added Parcels ; added detail A	J List
1	8/3/2016	Basic update; changed LL to Map #; updated notes ; Added ROW ; Added ref Structures ; Added Chance Pond LL7315 crossing info ; removed note 5	J List

April 04, 2016

NHPUC MAP 19

Line List # LL7315 & LL7317.01

