

# Northern Pass Public Outreach Maps—Preliminary Design

## Supporting Information

### How to Read the Structure Height Table

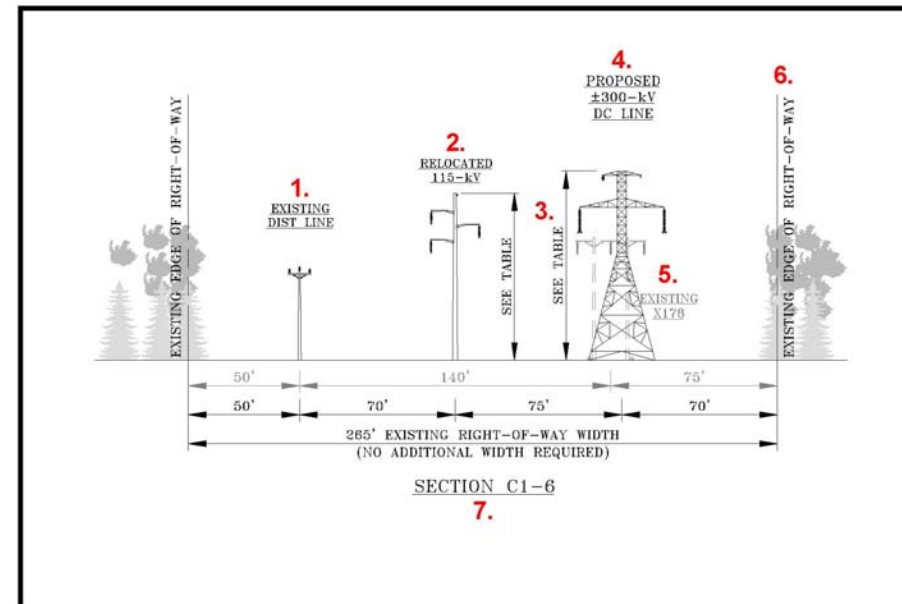
| 1.               | 2.               | 3.            |
|------------------|------------------|---------------|
| Structure Number | Structure Height | Cross Section |
| DC-714           | 90               | C1-5          |
| DC-715           | 95               | C1-5          |
| DC-716           | 100              | C1-6          |
| DC-717           | 85               | C1-6          |
| DC-718           | 80               | C1-6          |
| DC-719           | 100              | C1-6          |
| DC-720           | 100              | C1-6          |
| DC-721           | 85               | C1-6          |
| DC-722           | 95               | C1-7          |
| DC-723           | 100              | C1-7          |
| X178-410         | 42               | C1-6          |
| X178-411         | 88               | C1-6          |
| X178-412         | 92.5             | C1-6          |
| X178-413         | 92.5             | C1-6          |
| X178-414         | 92.5             | C1-6          |
| X178-415         | 74.5             | C1-6          |
| X178-416         | 79               | C1-6          |
| X178-417         | 88               | C1-6          |
| X178-418         | 79               | C1-6          |

- 1) Structure Number: refers to HVDC, 345kV, or 115kV structure number listed on the aerial map.
- 2) Structure Height: refers to height of the individual structure.
- 3) Cross Section: represents what the line will look like within the ROW

#### Note:

- Exact structure heights and placement are subject to change based on detail design

### How to Read the Cross Section View



- 1) Location of existing distribution structures that will remain in place are shown in black color and labeled as existing.
- 2) Location of relocated structures within the right-of-way are shown in black color and labeled as relocated.
- 3) Structure heights of the proposed and related structures are provided in the corresponding structure height table.
- 4) Location of the proposed Northern Pass line is shown in black color and labeled as proposed on the cross sections.
- 5) Location of existing transmission structures that will remain in place are shown in grey color and labeled as existing.
- 6) The location of the edge of right-of-way is listed on either side of the transmission corridor.
- 7) Each unique cross section has its own number. This number can be cross-referenced to the applicable structures in the structure height table.

#### Note:

- Some of the cross sections include existing structures that the Project will not be modifying. These existing structures have a typical height dimensioned for reference. Typical height represents the height for a straight, level stretch of land. Individual existing structure heights may vary.

### How to Read the Aerial Map

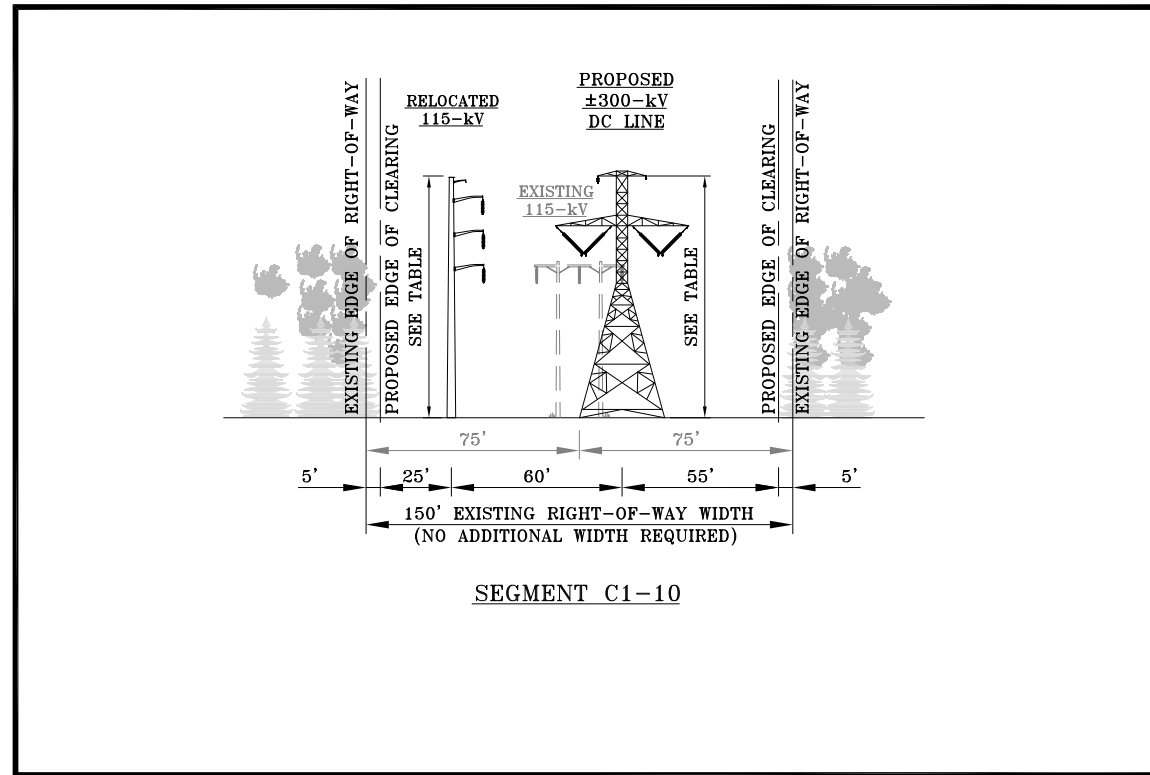


A legend is provided on each aerial map and includes the following information: proposed centerline location for each line, existing transmission lines, relocated transmission lines, ROW boundary, existing structures, existing structures to be removed, proposed structure locations, relocated structures, delineated wetlands, town boundaries, property identification, and NU System-owned Parcels. Distribution lines are not shown on the aerial maps to reduce congestion, but are shown on the corresponding cross sections.

#### Notes:

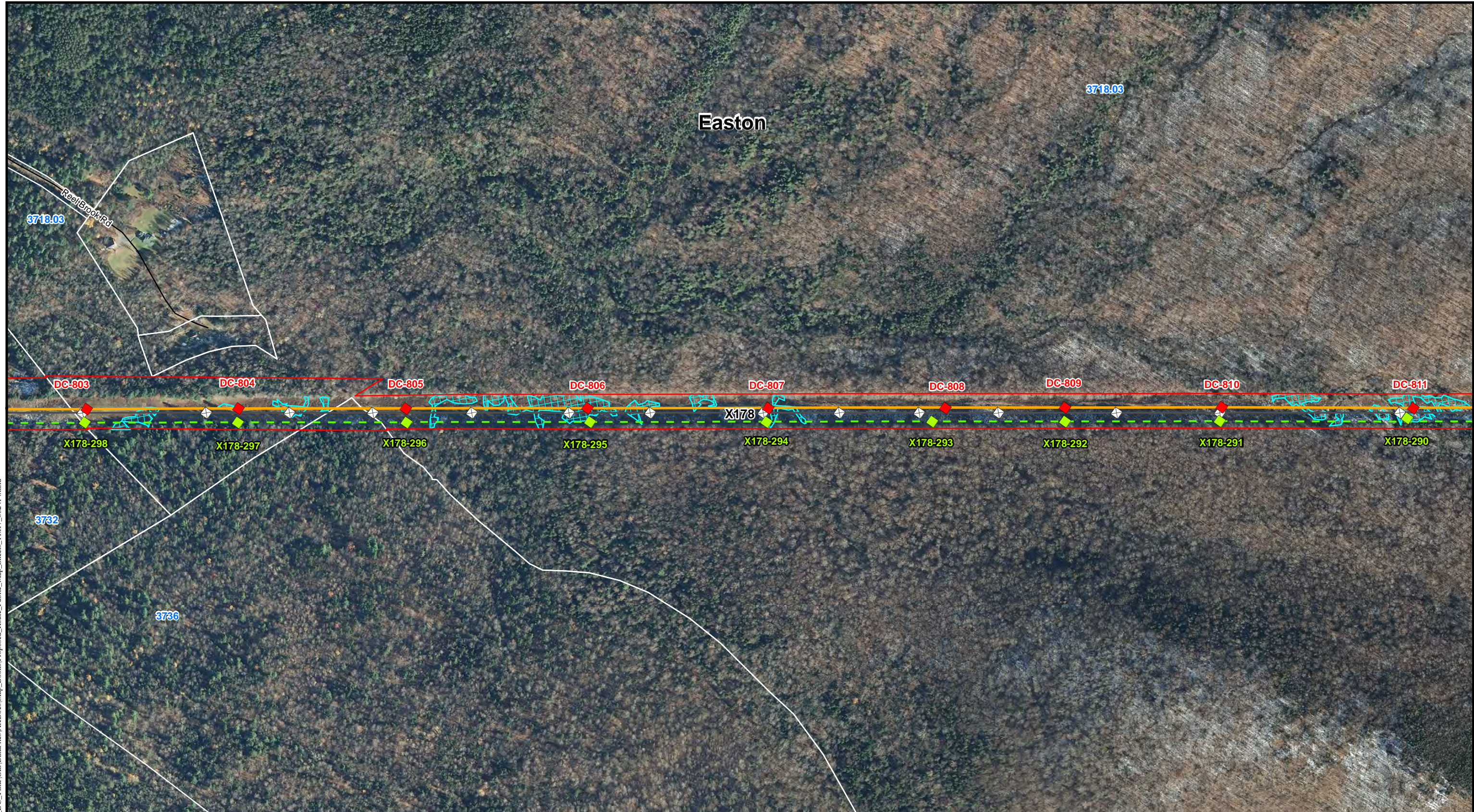
- Light gray lines represent approximate (non-surveyed) tax map property boundaries.
- Wetland information is not shown for the Towns of Pittsburg, Clarksville, Stewartstown, Dixville, Millsfield, Dummer, Stark, and portions of Northumberland. Wetland information for these towns will be collected in 2013.
- On NU System-owned Parcels (fee-owned), the nomenclature for edge of right-of-way and right-of-way width indicate the location of the proposed line construction on the parcel and approximate width of clearing.

| Structure Number | Structure Height | Cross Section |
|------------------|------------------|---------------|
| DC-803           | 90               | C1-10         |
| DC-804           | 95               | C1-10         |
| DC-805           | 95               | C1-10         |
| DC-806           | 95               | C1-10         |
| DC-807           | 100              | C1-10         |
| DC-808           | 100              | C1-10         |
| DC-809           | 95               | C1-10         |
| DC-810           | 95               | C1-10         |
| DC-811           | 90               | C1-10         |
| X178-290         | 97               | C1-10         |
| X178-291         | 101.5            | C1-10         |
| X178-292         | 106              | C1-10         |
| X178-293         | 92.5             | C1-10         |
| X178-294         | 106              | C1-10         |
| X178-295         | 101.5            | C1-10         |
| X178-296         | 101.5            | C1-10         |
| X178-297         | 88               | C1-10         |
| X178-298         | 92.5             | C1-10         |

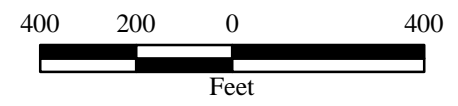




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**PRELIMINARY - NOT FOR CONSTRUCTION**

|                             |                              |                               |
|-----------------------------|------------------------------|-------------------------------|
| HVDC Line                   | 115-kV Line to be Relocated  | Relocated Structure           |
| HVDC UG Line                | ROW Boundary                 | Distribution Pole             |
| 345-kV Line                 | Edge of Clearing             | Delineated Wetlands           |
| Existing 345-kV Line        | Existing Structure           | Town Boundary                 |
| Existing 115-kV Line        | Existing Structure - Removed | Property Owner Identification |
| Relocated 115-kV Line       | Proposed HVDC Structure      | NU System-owned Parcels       |
| Relocated Distribution Line | Proposed 345-KV Structure    |                               |



The Northern Pass  
Transmission Line Project  
Proposed Route  
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**PRELIMINARY ENGINEERING**