Existing Conditions

- Existing Structure
- Existing Structure to be Removed
- Existing Transmission Line
- Existing Transmission Line to be Removed
- Existing Right of Way
- Wetlands
- USACE Reviewed Wetlands
- Delineated Waterbodies
  - Perennial
  - Intermittent
  - Ephemeral

Proposed Conditions

- Proposed Structure - No Permanent Impact
- Proposed Structure - Permanent Impact
- Proposed Transmission / Distribution Line
- Temporary Construction Pad
- Proposed New Right of Way
- Temporary Access Route
- Temporary Work
- Pad Disturbance Area
- Temporary Wetlands
  - Matting (16' x 16')
- Trenchless UG
- UG Splice Vault
- UG Sending/Receiving Pit
- Vegetation Clearing Areas
- Span Stream with No Permanent Impacts

Source: New Hampshire GRANIT GIS Data, Normandeau, Cornerstone, Burns & McDonnell
Sources: NH GRANIT, Normandeau; Cornerstone, Burns & McDonnell.
Temporary Wetlands

Existing Right of Way

Stream Centerlines
- Perennial
- Intermittent
-ephemeral

Delineated Waterbodies
- Perennial
- Intermittent

Proposed Conditions
- Proposed Structure - No Permanent Impact
- Proposed Structure - Permanent Impact
- Proposed Transmission / Distribution Line

Temporary Construction Pad
- Proposed New Right of Way
- Proposed Access Route
- Temporary Work
- Pad Disturbance Area

Temporary Wetlands
- Matting (16' x 16')
- Erosion and Sedimentation Control BMPs
- Erosion and Sedimentation Control BMPs (Steep Slope)

Trenched UG
- Trenchless UG
- UG Splice Vault
- UG Sending/Receiving Pit
- Vegetation Clearing Areas

Span Stream with
- No Permanent Impacts

1 inch equals 200 feet
when printed at 11" x 17"

Source: New Hampshire GRANIT GIS Data, Normandeau, Cornerstone, Burns & McDonnell
Vegetation Clearing

- High Quality Wetland, USACE Reviewed

Stream Buffer (varies: 25', 50', or 100')

Delineated Waterbodies:
- Ephemeral
- Intermittent
- Perennial

Wetlands to be Removed
- Wetlands
- USACE Reviewed

100' Buffer of Vernal Pools

USACE 10' Contour

1 inch equals 100 feet

LiDAR 2' Contour

LiDAR 10' Contour

Proposed Conditions:
- Proposed Structure - No Permanent Impact
- Proposed Structure - Permanent Impact
- Proposed New ROW
- Proposed Transmission/Distribution Line
- Trenched UG
- Trenchless UG

New Access Route
- Temporary Access Route
- Temporary Construction Pad
- Temporary of Disturbance - Construction Pad
- Erosion and Sedimentation
- Control BMPs
- Erosion and Sedimentation
- Control BMPs (Steep Slope)
- Temporary Wetlands
- Misting
- Permanent Impacts - Statins

RTE Bars:
- Vegetation Clearing
- UG Disturbance Area
- UG Splice Vaults
- Lay Down Yard
- Limit of Disturbance - Statins

Existing Transmission Line to be Removed
- 100-year Floodzone

Construction Pad
- Temporary Construction Pad
- New Access Route
- UG Disturbance Area

Sources: NH GRANIT, Normandeau; Cornerstone, Burns & McDonnell.

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Proposed Conditions - No Permanent Impact

LiDAR 2' Contour

LiDAR 10' Contour

Proposed Structure - Permanent Impact

Temporary Access Route

Temporary Construction Pad

Temporary of Disturbance - Construction Pad

Erosion and Sedimentation

Control BMPs

Erosion and Sedimentation

Control BMPs (Steep Slope)

Temporary Wetlands

Misting

Permanent Impacts - Statins

1 inch equals 100 feet when printed at 11" x 17"

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The Northern Pass Transmission Project
NHDES Alteration of Terrain
Permit Application Plans
Sheet 022

Transition Station 4
See Site Development Plans (Full Size Sheets)

Source: New Hampshire GRANIT GIS Data, Normandeau, Cornerstone, Burns & McDonnell