

Existing Conditions

- Existing Structure
- Existing Structure to be Removed
- Existing Right of Way
- Existing Transmission Line
- Existing Transmission Line to be Removed
- 100-year Floodzone
- Wetlands
- USACE Reviewed Wetlands

Delineated Waterbodies

- Perennial
- Intermittent
- Ephemeral

Stream Centerlines

- Perennial
- Intermittent
- Ephemeral

Proposed Conditions

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

LiDAR 10' Contour

LiDAR 2' Contour

USGS 10' Contour

USGS 2' Contour

New Access Route

Existing Access Route

Temporary Construction Pad

Temporary Area of Disturbance - Construction Pad

Erosion and Sedimentation Control BMPs

Erosion and Sedimentation Control BMPs (Steep Slope)

Temporary Wetlands Matting

Permanent Impacts - Stations

Vegetation Clearing Areas

Span Stream with No Permanent Impacts

RTE Bars

- Animal
- Vegetation
- Both

UG Disturbance Area

UG Splice Vaults

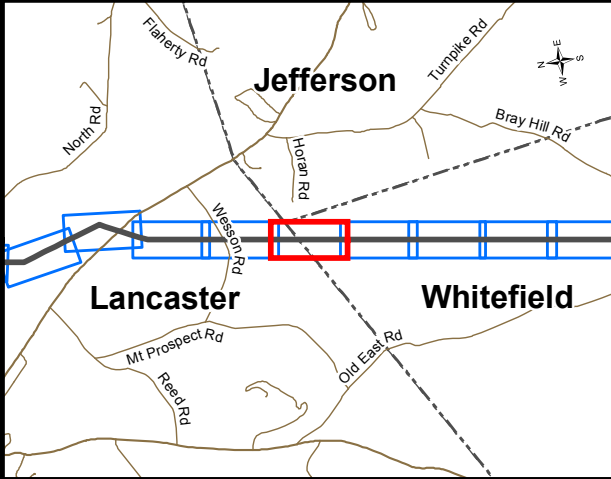
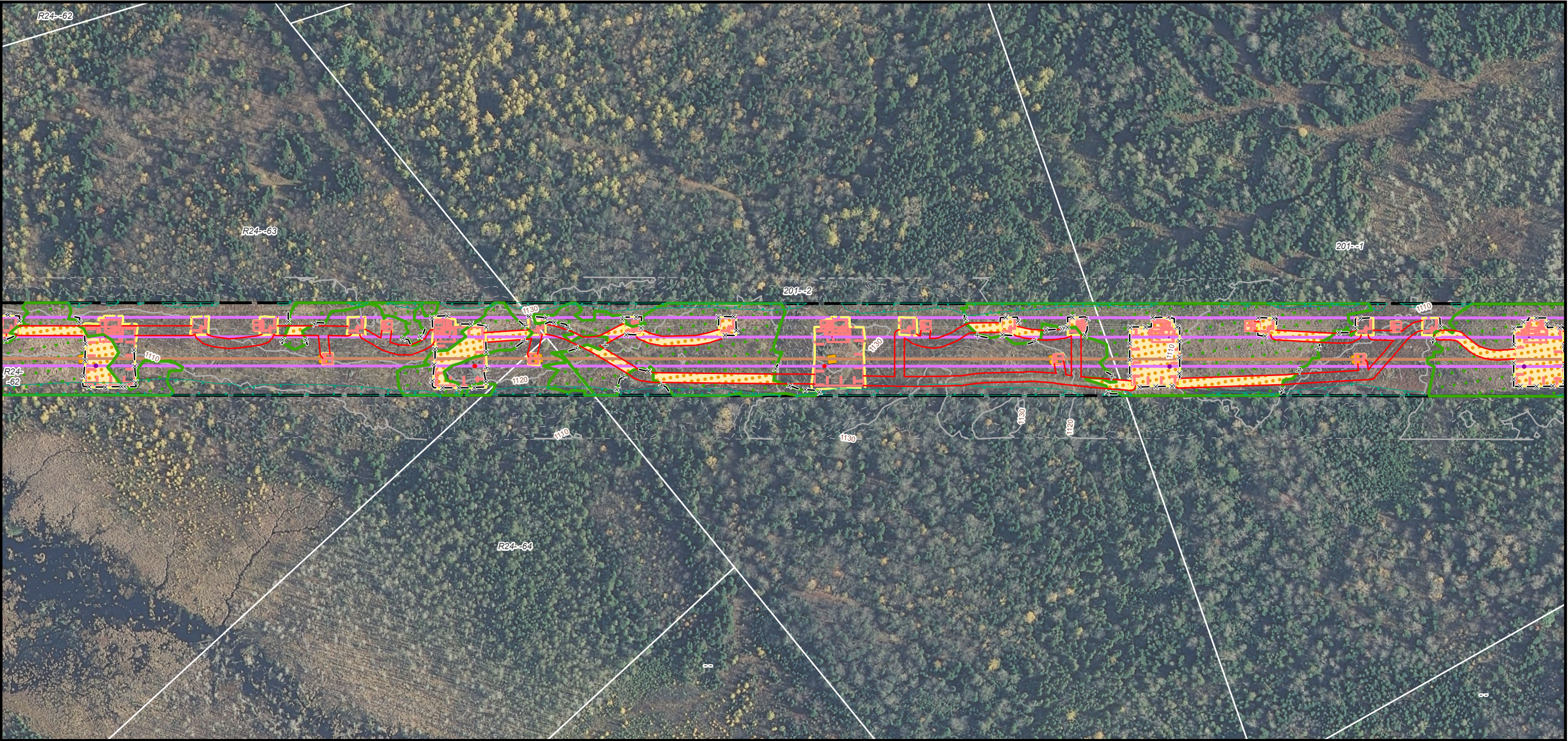
Lay Down Yard

Limit of Disturbance - Stations

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

NHDES Wetlands & US Army Corps of Engineers Section 404/10 Permit Application Plans						
THE NORTHERN PASS PROPOSED ROUTE						
Jurisdictional Impact Type and Amount			Extent of Clearing (sq ft)			
Wetland / Waterbody	Temporary Impact (sq ft)	Permanent Impact (sq ft)	In Forested Wetlands	Uplands w/in 100' of Streams	Uplands w/ 100' of Vernal Pools	
WF/LC79, PEM1E/SS1E	13,751	6	0	0	349	
WF78, PSS1E	23,213	83				
Date: 1/19/2017			* High Quality Wetland, ^ Corps Reviewed		Sheet : 22	

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



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LiDAR Contours

- LiDAR 10' Contour
- LiDAR 2' Contour

USGS Contours

- USGS 10' Contour
- USGS 2' Contour

Other Features

- Parcels
- 100-year Floodzone

Delineated Waterbodies

- Perennial
- Intermittent
- Ephemeral

Stream Centerlines

- Perennial
- Intermittent
- Ephemeral

Proposed Conditions

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

Construction Features

- 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)

Underground Features

- Trenched UG
- Trenchless UG
- UG Splice Vault
- UG Sending/Receiving Pit
- Vegetation Clearing Areas
- Span Stream with No Permanent Impacts

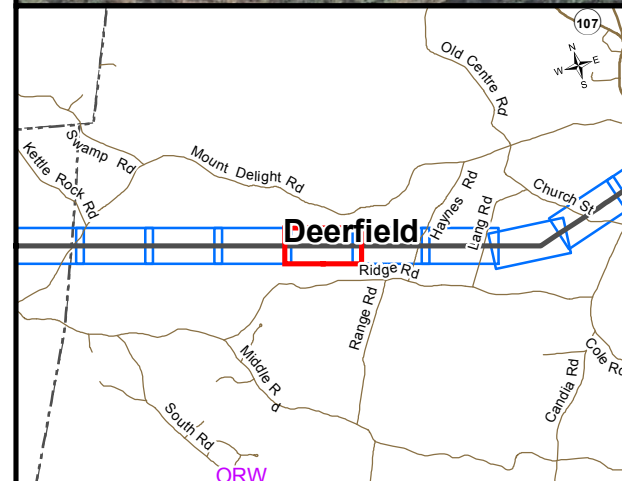
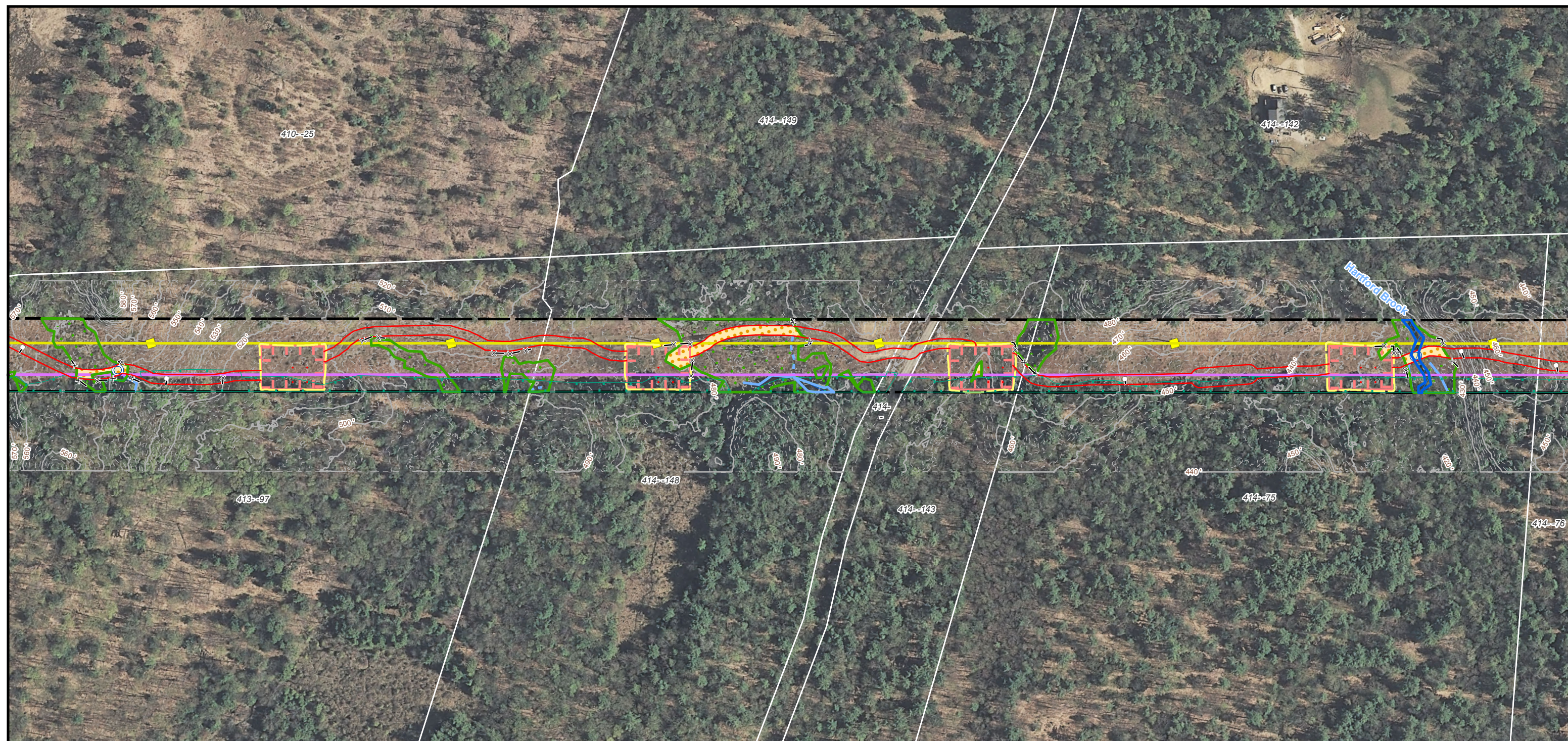
The Northern Pass Transmission Project
NHDES Alteration of Terrain
Permit Application Plans
Sheet 114

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

0 100 200 Feet

1/19/2017

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



<p>Existing Conditions</p> <ul style="list-style-type: none"> Existing Structure Existing Structure to be Removed Existing Transmission Line Existing Transmission Line to be Removed Existing Right of Way Wetlands USACE Reviewed Wetlands 	<p> LiDAR 10' Contour</p> <p> LiDAR 2' Contour</p> <p> USGS 10' Contour</p> <p> USGS 2' Contour</p> <p> Parcels</p> <p> 100-year Floodzone</p> <p>Delineated Waterbodies</p> <ul style="list-style-type: none"> Perennial Intermittent Ephemeral 	<p>Stream Centerlines</p> <ul style="list-style-type: none"> Perennial Intermittent Ephemeral <p>Proposed Conditions</p> <ul style="list-style-type: none"> Proposed Structure - No Permanent Impact Proposed Structure - Permanent Impact Proposed Transmission / Distribution Line 	<p> Temporary Construction Pad</p> <p> Proposed New Right of Way</p> <p> Proposed Access Route</p> <p> Temporary Work Pad Disturbance Area</p> <p> Temporary Wetlands Matting (16' x 16')</p> <p> Erosion and Sedimentation Control BMPs</p> <p> Erosion and Sedimentation Control BMPs (Steep Slope)</p>	<p> Trenched UG</p> <p> Trenchless UG</p> <p> UG Splice Vault</p> <p> UG Sending/Receiving Pit</p> <p> Vegetation Clearing Areas</p> <p> Span Stream with No Permanent Impacts</p>
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The Northern Pass Transmission Project

NHDES Alteration of Terrain

Permit Application Plans

Sheet 333

1/19/2017