

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

Vernal Pool

100' Buffer of Vernal Pools

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

Delineated Waterbodies

Perennial

Intermittent

Ephemeral

Stream Centerlines

Perennial

Intermittent

Ephemeral

LiDAR 10' Contour

LiDAR 2' Contour

USGS 10' Contour

USGS 2' Contour

Proposed Structure - No Permanent Impact

Proposed Structure - Permanent Impact

Proposed New ROW

Proposed Transmission/Distribution Line

Trenched UG

Trenchless UG

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

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

Vegetation Clearing Areas

Span Stream with No Permanent Impacts

RTE Bars

Animal

Vegetation

Both

UG Disturbance Area

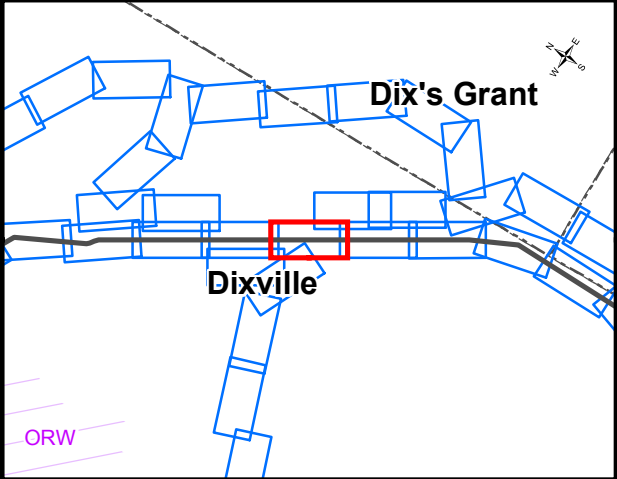
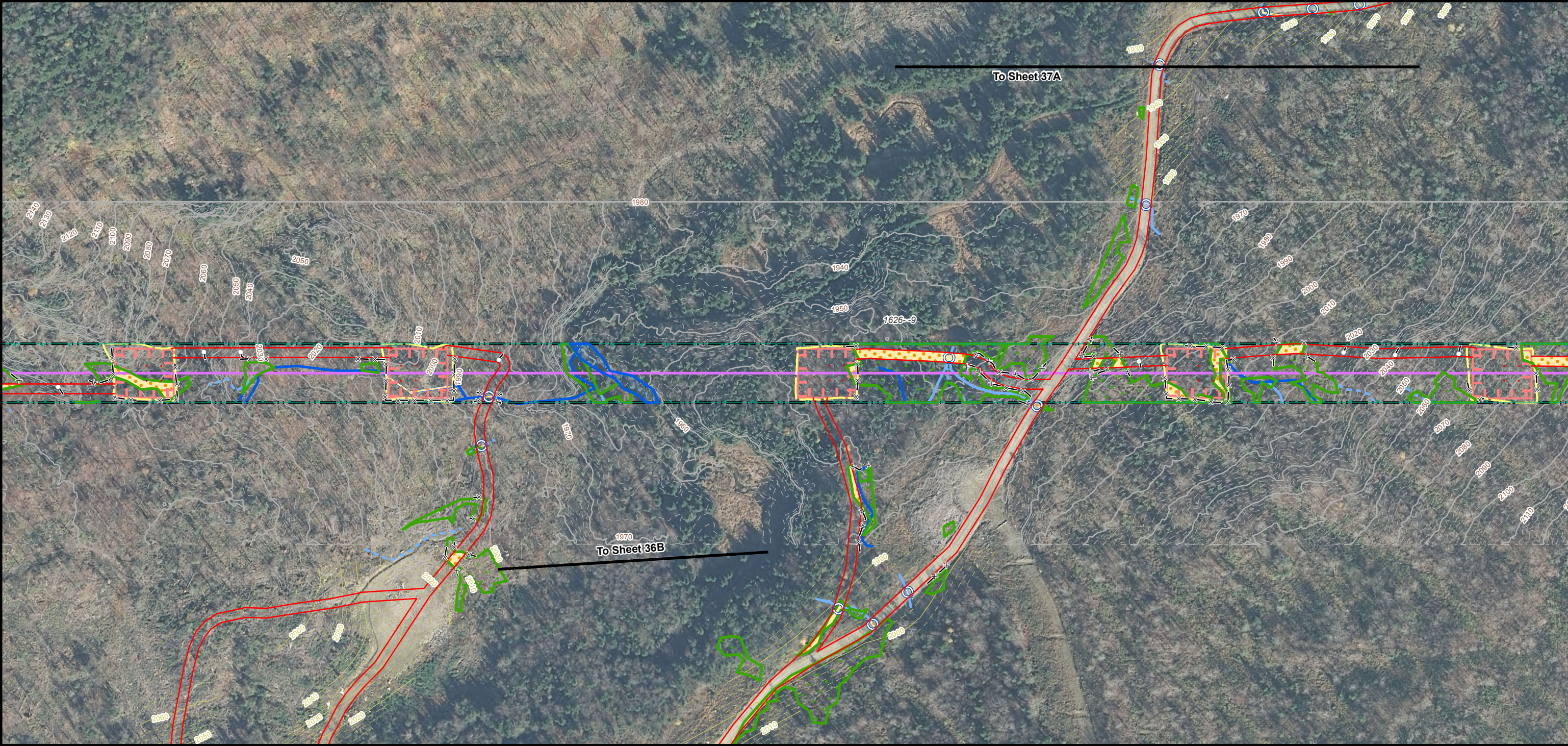
UG Splice Vaults

Lay Down Yard

Limit of Disturbance - Stations

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/in 100' of Vernal Pools	
DX122, PSS1	0	0	21,383	15,991	0	
DX123, PFO1,4	0	0				
DX124, PFO1E	2,516	0				
DX126, PFO1E	33	0				
DX129, PFO1E	935	0				
DX127S, Riverine	0	0				
DX128S, Riverine	0	0				
DX131S, R3UB2	0	0				
Date: 1/23/2017			* High Quality Wetland, ^ Corps Reviewed			Sheet : 074

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



Existing Conditions	<ul style="list-style-type: none">Existing StructureExisting Structure to be RemovedExisting Transmission LineExisting Transmission Line to be RemovedExisting Right of WayWetlandsUSACE Reviewed Wetlands	<ul style="list-style-type: none">LiDAR 10' ContourLiDAR 2' ContourUSGS 10' ContourUSGS 2' ContourParcels100-year Floodzone Delineated Waterbodies <ul style="list-style-type: none">PerennialIntermittentEphemeral	Stream Centerlines <ul style="list-style-type: none">PerennialIntermittentEphemeral Proposed Conditions <ul style="list-style-type: none">Proposed Structure - No Permanent ImpactProposed Structure - Permanent ImpactProposed Transmission / Distribution Line	<ul style="list-style-type: none">Temporary Construction PadProposed New Right of WayProposed Access RouteTemporary Work Pad Disturbance AreaTemporary Wetlands Matting (16' x 16')Erosion and Sedimentation Control BMPsErosion and Sedimentation Control BMPs (Steep Slope)	<ul style="list-style-type: none">Trenched UGTrenchless UGUG Splice VaultUG Sending/Receiving PitVegetation Clearing AreasSpan Stream with No Permanent Impacts
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The Northern Pass Transmission Project

NHDES Alteration of Terrain

Permit Application Plans

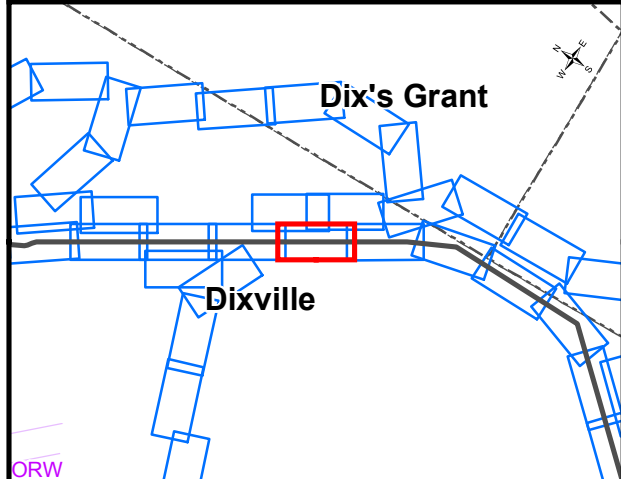
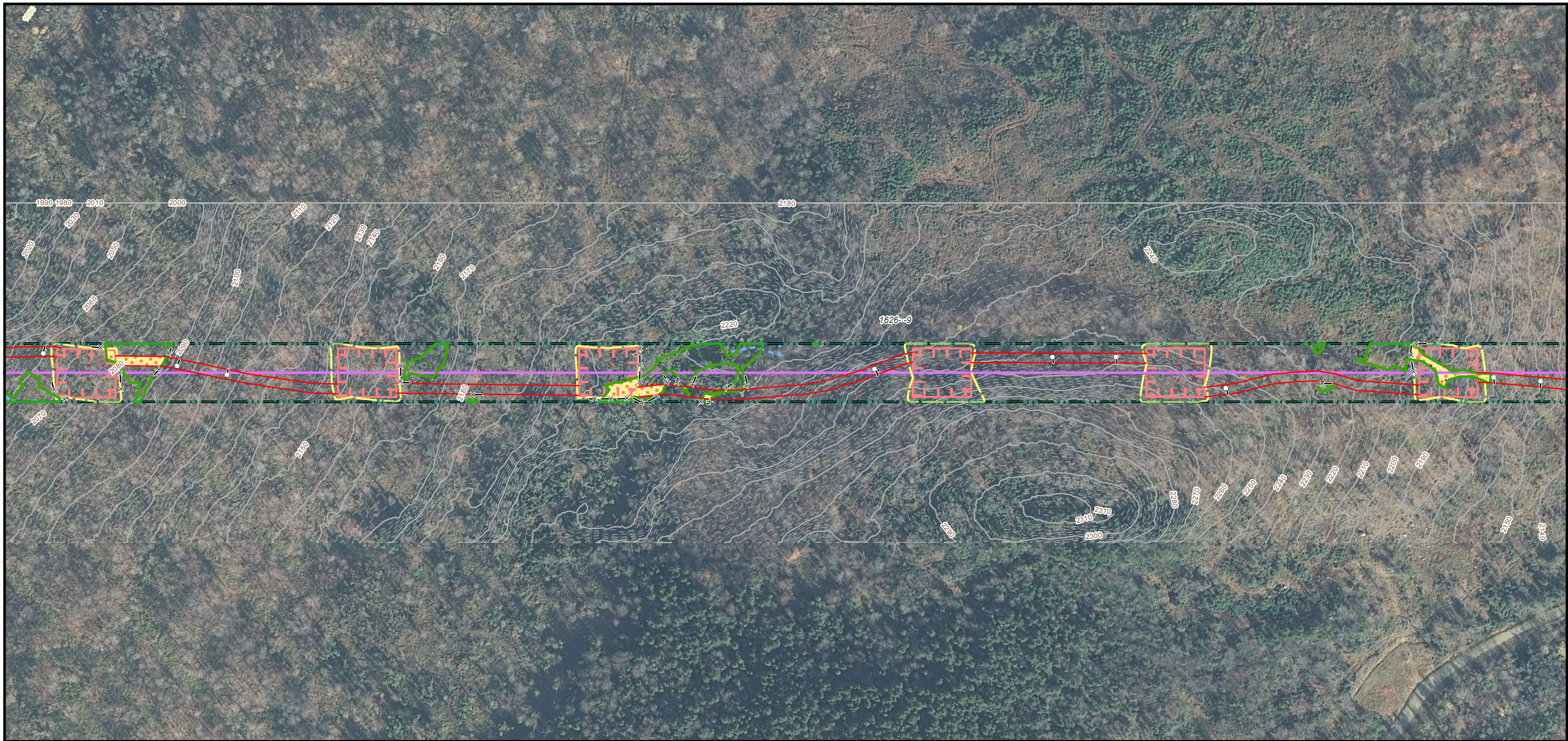
Sheet 037

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

0 100 200 Feet

1/23/2017

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



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

- LiDAR 10' Contour
- LiDAR 2' Contour
- USGS 10' Contour
- USGS 2' Contour
- Parcels
- 100-year Floodzone
- Delineated Waterbodies**
- Perennial
- Intermittent
- Ephemeral

Stream Centerlines

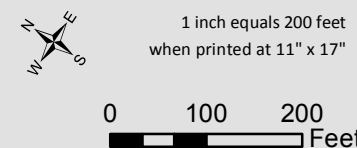
- Perennial
- Intermittent
- Ephemeral

Proposed Conditions

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

- 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



The Northern Pass Transmission Project NHDES Alteration of Terrain Permit Application Plans Sheet 038

