

View Location Map



Simulation Information

Base Photograph

Date: 1/20/15
 Time: 4:31 pm
 Weather conditions: Sunny
 Image Size: 5472 x 3648 pixels

Camera Properties

Camera Make/Model: Canon EOS 6D
 Sensor Dimensions: 35.8mm x 23.9mm
 Lens Make/Model: Canon EF 50mm
 Lens Focal Length: 50mm
 Focal Length (35mm Equivalent): 52mm
 Approx. Angle of View: 40° horizontal, 27° vertical
 Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Exhibit 5A
 Location: Little Bay, Durham, NH
 Classification: Resource
 Orientation: West/Northwest
 Latitude/Longitude: 43.105286°, -70.868028°
 Camera elevation above sea level: 3.00' (0.91 m)
 Simulation viewing distance: 21.3 in (54.102 cm)
 Distance to nearest visible structure: 0.17 miles (0.27 km)
 Distance to furthest visible structure: 0.22 miles (0.35 km)

Proposed Structure Information

Visible structure type: Weathering steel monopole, 3-pole
 Visible structure numbers: F107-100, F107-101
 Height range of proposed transmission structures (visible): 70' (21.3 m)
 Height range of existing transmission structures (visible): N/A
 Right of way width: 100'

Visual Simulation Notes:

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set, Eversource and NH GRANIT. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. This simulation depicts structures, conductors, and technical equipment as well as visibility of any associated clearing.

Technical Information

Software: Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5
 Digital elevation data source: USGS National Elevation Dataset (NED) 1/3 arc-second



Aerial Context Map

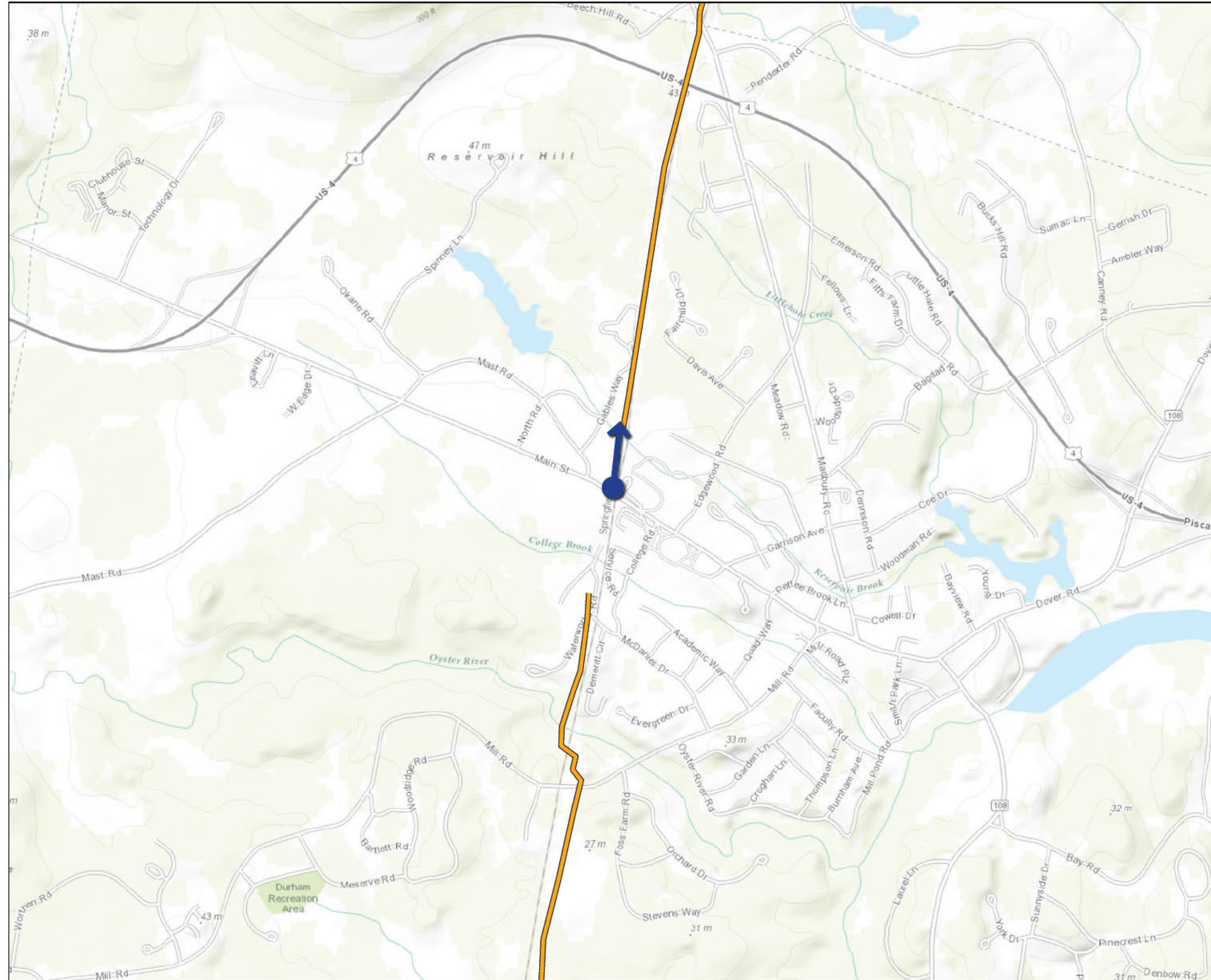




EXHIBIT 5A: EXISTING CONDITIONS AT LITTLE BAY, DURHAM (SHEET 2 OF 3)



EXHIBIT 5A: VISUAL SIMULATION OF PROPOSED CONDITIONS AT LITTLE BAY, DURHAM (SHEET 3 OF 3)



View Location Map



Simulation Information

Base Photograph

Date: 5/30/14
 Time: 12:05 pm
 Weather conditions: Partly sunny
 Image Size: 5472 x 3648 pixels

Camera Properties

Camera Make/Model: Canon EOS 6D
 Sensor Dimensions: 35.8mm x 23.9mm
 Lens Make/Model: Canon EF 50mm
 Lens Focal Length: 50mm
 Focal Length (35mm Equivalent): 52mm
 Approx. Angle of View: 40° horizontal, 27° vertical
 Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Exhibit 8A
 Location: Main Street, Durham, NH
 Classification: Resource
 Orientation: North
 Latitude/Longitude: 43.139067°, -70.936427°
 Camera elevation above sea level: 127.27 ft (38.8m)
 Simulation viewing distance: 21.3 in (54.102 cm)
 Distance to nearest vis ble structure: 0.14 miles (.225 km)
 Distance to furthest vis ble structure: 0.95 miles (1.53 km)

Proposed Structure Information

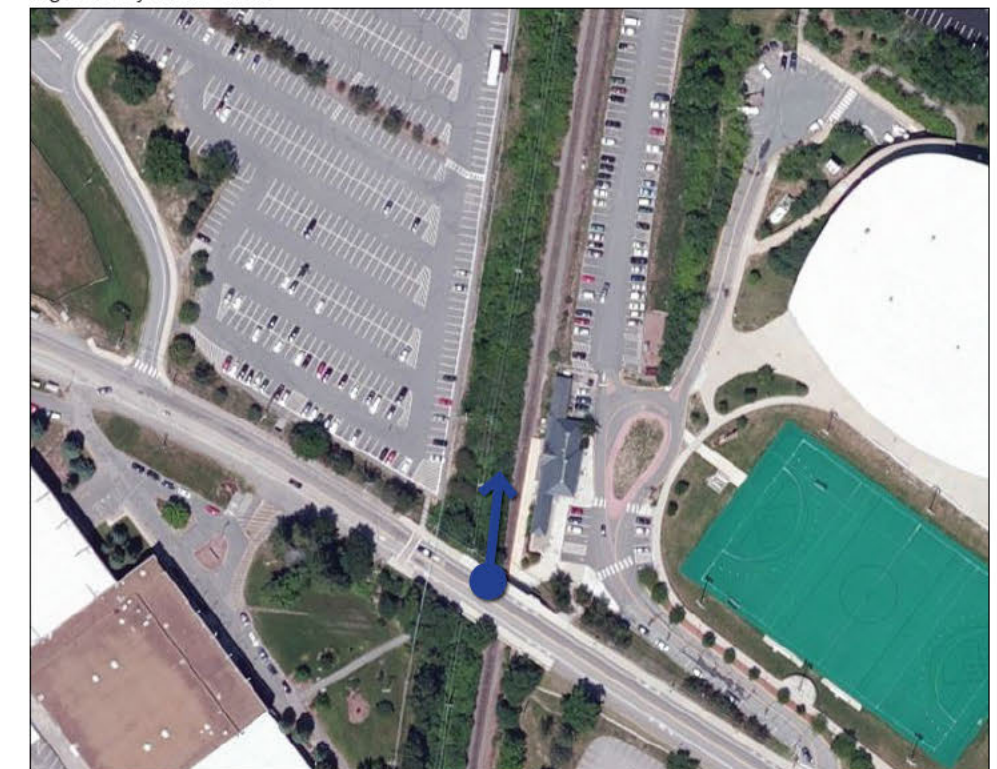
Proposed structure type: Weathering steel monopole
 Visible structure numbers: F107-11 - F107-23
 Height range of proposed transmission structures (visible): 80 ft - 93.5 ft
 Height range of existing transmission structures (vis ble): N/A
 Right of way width: 145 ft

Visual Simulation Notes:

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set and Eversource and NH GRANIT. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. Simulation is based upon a preliminary design. Exact structure height, location and color will be finalized during the detail design and permitting process.

Technical Information

Software: ArcGIS ArcMap 10; Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5
 Digital elevation data source: USGS National Elevation Dataset 1/3 Arc-Second (NED 1/3)



Aerial Context Map

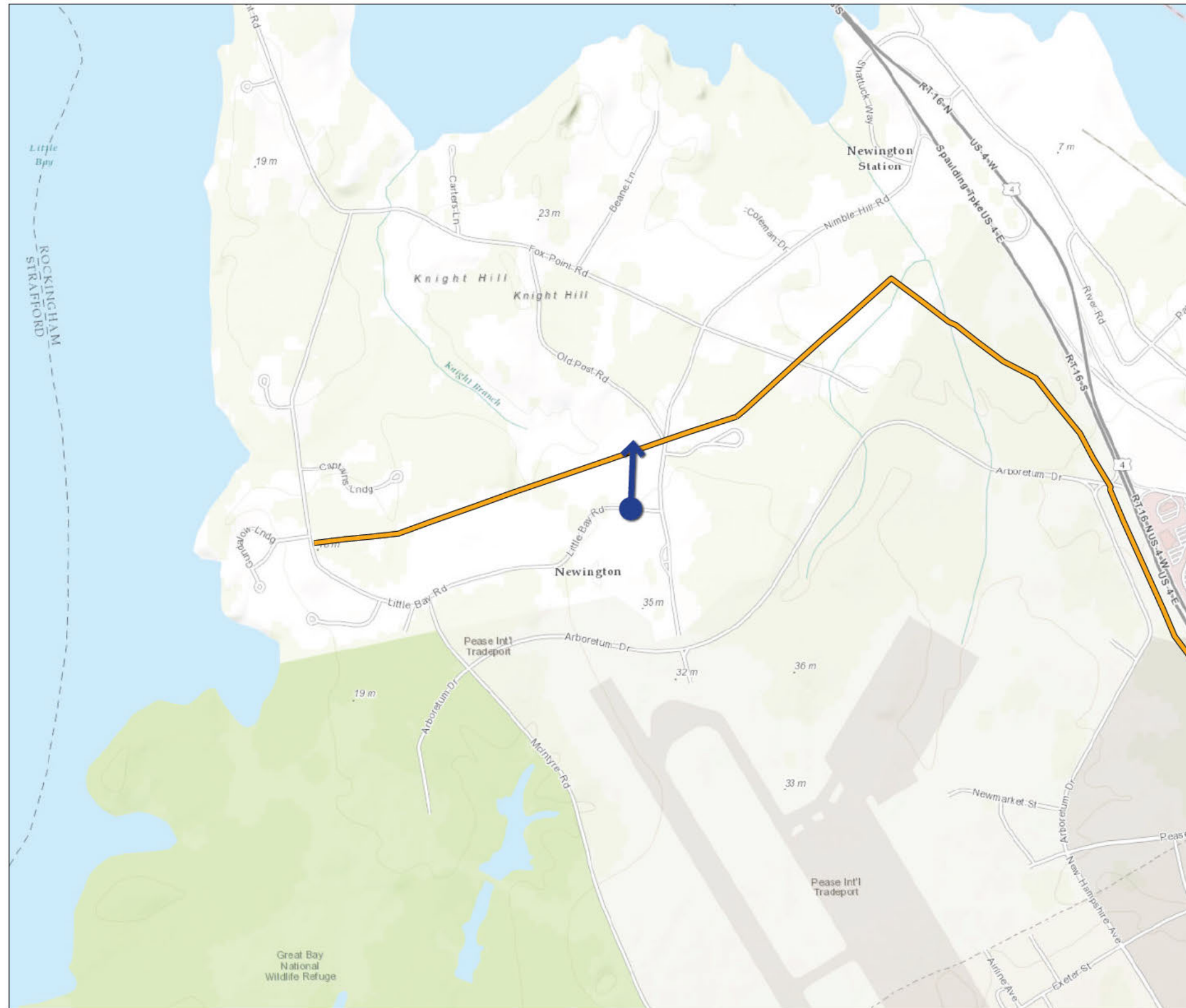




EXHIBIT 8A: EXISTING CONDITIONS FROM DURHAM MAIN STREET/UNH DAIRY BAR, DURHAM, NH (SHEET 2 OF 3)



(SHEET 3 OF 3)
EXHIBIT 8A: VISUAL SIMULATION OF PROPOSED CONDITIONS FROM DURHAM MAIN STREET/UNH DAIRY BAR, DURHAM, NH
SEACOAST RELIABILITY PROJECT VISUAL ASSESSMENT
September 2016



View Location Map



Simulation Information

Base Photograph

Date: 1/20/15
 Time: 4:31 pm
 Weather conditions: Sunny
 Image Size: 5472 x 3648 pixels

Camera Properties

Camera Make/Model: Canon EOS 6D
 Sensor Dimensions: 35.8mm x 23.9mm
 Lens Make/Model: Canon EF 50mm
 Lens Focal Length: 50mm
 Focal Length (35mm Equivalent): 52mm
 Approx. Angle of View: 40° horizontal, 27° vertical
 Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Exhibit 12A
 Location: Little Bay Road, Newmarket, NH
 Classification: Resource
 Orientation: North
 Latitude/Longitude: 43.099747°, -70.834271°
 Camera elevation above sea level: 85.00' (25.91 m)
 Simulation viewing distance: 21.3 in (54.102 cm)
 Distance to nearest visible structure: N/A
 Distance to furthest visible structure: N/A

Proposed Structure Information

Visible structure type: N/A
 Visible structure numbers: N/A
 Height range of proposed transmission structures (visible): N/A
 Height range of existing transmission structures (visible): N/A
 Right of way width: 100'

Visual Simulation Notes:

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set, Eversource and NH GRANIT. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. This simulation depicts structures, conductors, and technical equipment as well as visibility of any associated clearing.

Technical Information

Software: Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5
 Digital elevation data source: USGS National Elevation Dataset (NED) 1/3 arc-second



Aerial Context Map

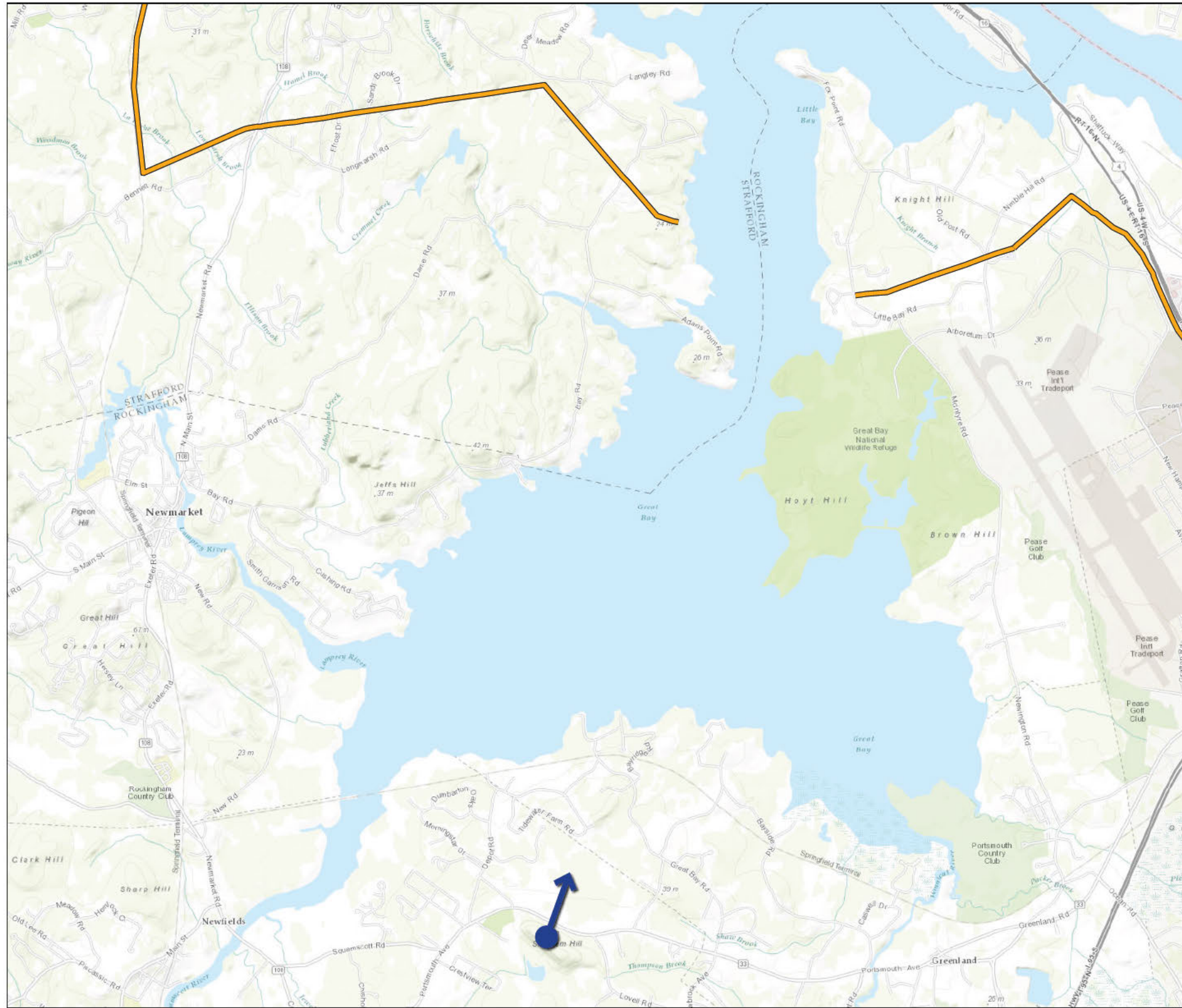




EXHIBIT 12A: EXISTING CONDITIONS AT LITTLE BAY ROAD (FRINK FARM), NEWINGTON (SHEET 2 OF 3)



(SHEET 3 OF 3)
EXHIBIT 12A: VISUAL SIMULATION OF PROPOSED CONDITIONS AT LITTLE BAY ROAD (FRINK FARM), NEWINGTON
SEACOAST RELIABILITY PROJECT VISUAL ASSESSMENT



View Location Map



Simulation Information

Base Photograph

Date: 2/6/16
 Time: 1:02 pm
 Weather conditions: Partly Cloudy
 Image Size: 5472 x 3648 pixels

Camera Properties

Camera Make/Model: Canon EOS 6D
 Sensor Dimensions: 35.8mm x 23.9mm
 Lens Make/Model: Canon EF 50mm
 Lens Focal Length: 50mm
 Focal Length (35mm Equivalent): 52mm
 Approx. Angle of View: 40° horizontal, 27° vertical
 Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Exhibit 13A
 Location: Stratham Hill park, Stratham, NH
 Classification: Resource
 Orientation: North / Northeast
 Latitude/Longitude: 43.039483 °, -70.890094 °
 Camera elevation above sea level: 318.00' (96.93 m)
 Simulation viewing distance: 21.3 in (54.102 cm)
 Distance to nearest visible structure: 4.57 miles (7.36 km)
 Distance to furthest visible structure: 5.20 miles (8.37 km)

Proposed Structure Information

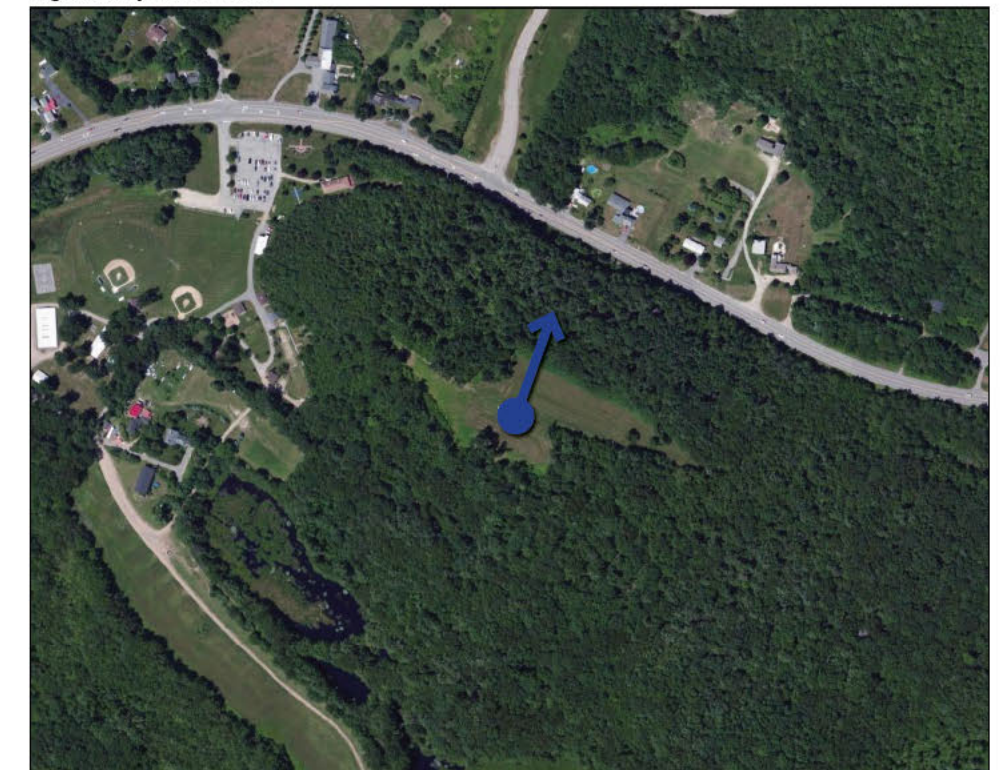
Visible structure type: Weathering steel Monopole and H-Frame
 Visible structure numbers: F107-92 - F107-109; F107-113 - F107-136
 Height range of proposed transmission structures (visible): 66' - 98'
 Height range of existing transmission structures (visible): N/A
 Right of way width: Varies

Visual Simulation Notes:

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set, Eversource and NH GRANIT. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. This simulation depicts structures, conductors, and technical equipment as well as visibility of any associated clearing.

Technical Information

Software: Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5
 Digital elevation data source: USGS National Elevation Dataset (NED) 1/3 arc-second



Aerial Context Map





EXHIBIT 13A: EXISTING CONDITIONS AT STRATHAM HILL PARK, STRATHAM (SHEET 2 OF 3)

Potential visible structures in this area

Potential visible structures in this area





View Location Map



Simulation Information

Base Photograph

Date: 2/6/16
 Time: 3:36 pm
 Weather conditions: Partly Cloudy
 Image Size: 5472 x 3648 pixels

Camera Properties

Camera Make/Model: Canon EOS 6D
 Sensor Dimensions: 35.8mm x 23.9mm
 Lens Make/Model: Canon EF 50mm
 Lens Focal Length: 50mm
 Focal Length (35mm Equivalent): 52mm
 Approx. Angle of View: 40° horizontal, 27° vertical
 Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Exhibit 18A
 Location: Old Post Road, Newington, NH
 Classification: Private property
 Orientation: South / Southeast
 Latitude/Longitude: 43.104459°, -70.835979°
 Camera elevation above sea level: 72.00' (21.946 m)
 Simulation viewing distance: 21.3 in (54.102 cm)
 Distance to nearest visible structure: N/A
 Distance to furthest visible structure: N/A

Proposed Structure Information

Visible structure type: N/A
 Visible structure number: N/A
 Height range of proposed transmission structures (visible): N/A
 Height range of existing transmission structures (visible): N/A
 Right of way width: 100'

Visual Simulation Notes:

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set, Eversource and NH GRANIT. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. This simulation depicts structures, conductors, and technical equipment as well as visibility of any associated clearing.

Technical Information

Software: Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5
 Digital elevation data source: USGS National Elevation Dataset (NED) 1/3 arc-second



Aerial Context Map





EXHIBIT 18A: EXISTING CONDITIONS AT OLD POST ROAD, NEWINGTON (SHEET 2 OF 3)





View Location Map

Simulation Information

Base Photograph

Date: 7/31/15
 Time: 5:09 pm
 Weather conditions: Partly cloudy
 Image Size: 5472 x 3648 pixels

Camera Properties

Camera Make/Model: Canon EOS 6D
 Sensor Dimensions: 35.8mm x 23.9mm
 Lens Make/Model: Canon EF 50mm
 Lens Focal Length: 50mm
 Focal Length (35mm Equivalent): 52mm
 Approx. Angle of View: 40° horizontal, 27° vertical
 Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Frink Property
 Location: Nimble Hill Rd & Hannah Ln, Newington, NH
 Orientation: West
 Latitude/Longitude: 43.101704°, -70.832699°
 Camera elevation above sea level: 69.00 ft (21.03 m)
 Simulation viewing distance: 21.3 in (54.102 cm)
 Distance to nearest visible structure: .27 miles (.43 km)
 Distance to furthest visible structure: .59 miles (.95 km)

Transmission Line Information

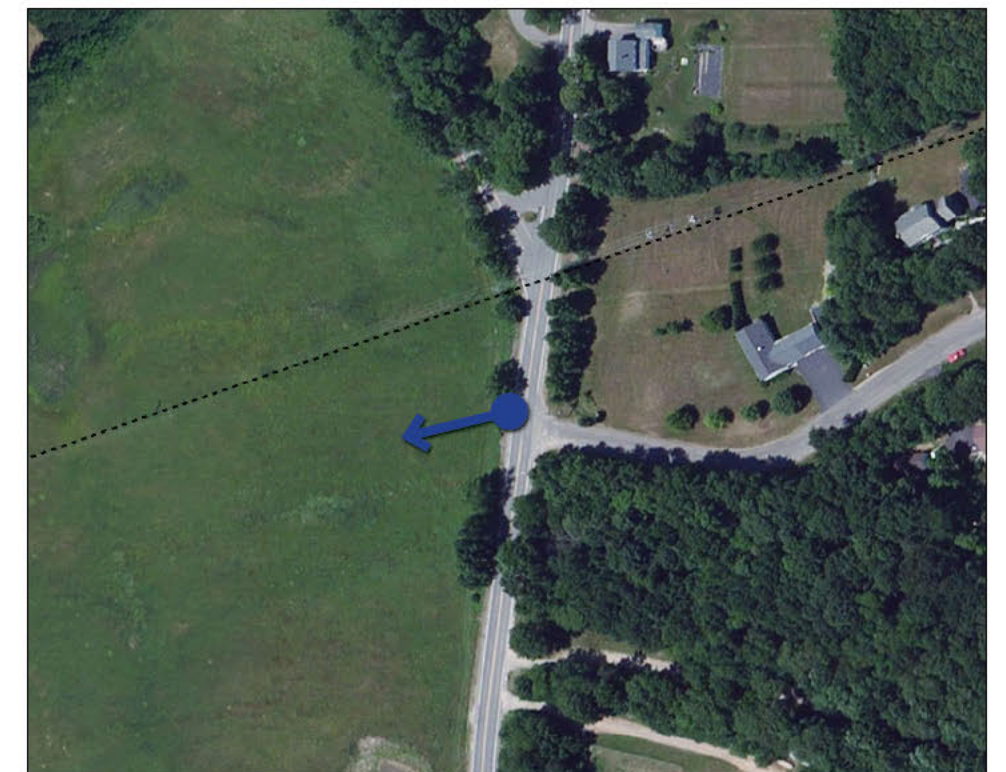
Visible structure type: Weathering steel 3 Pole, Monopole and H-Frame
 Visible structure numbers: F107-106 - F107-109
 Height range of proposed transmission structures (visible): 65.0 ft (19.8 m) - 75.0 ft (22.8 m)
 Height range of existing transmission structures (vis ble): N/A
 Right of way width: 100 ft

Visual Simulation Notes:

1. Visual simulation is based on GIS data available at the time from USGS National Elevation Data Set and Eversource. Data is only as accurate as the original source and is not guaranteed by LandWorks.
2. Simulation is based upon a preliminary design. Exact structure height, location and color will be finalized during the detail design and permitting process.

Technical Information

Software: ArcGIS ArcMap 10; Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe Photoshop CS5
 Digital elevation data source: USGS National Elevation Dataset 1/3 Arc-Second (NED 1/3)



Aerial Context Map



(SHEET 2 OF 3)
EXHIBIT 20A: EXISTING CONDITIONS AT FRINK FARM AT NIMBLE HILL ROAD & HANNAH LANE, NEWINGTON, NH
SEACOAST RELIABILITY PROJECT VISUAL ASSESSMENT
September 2016

